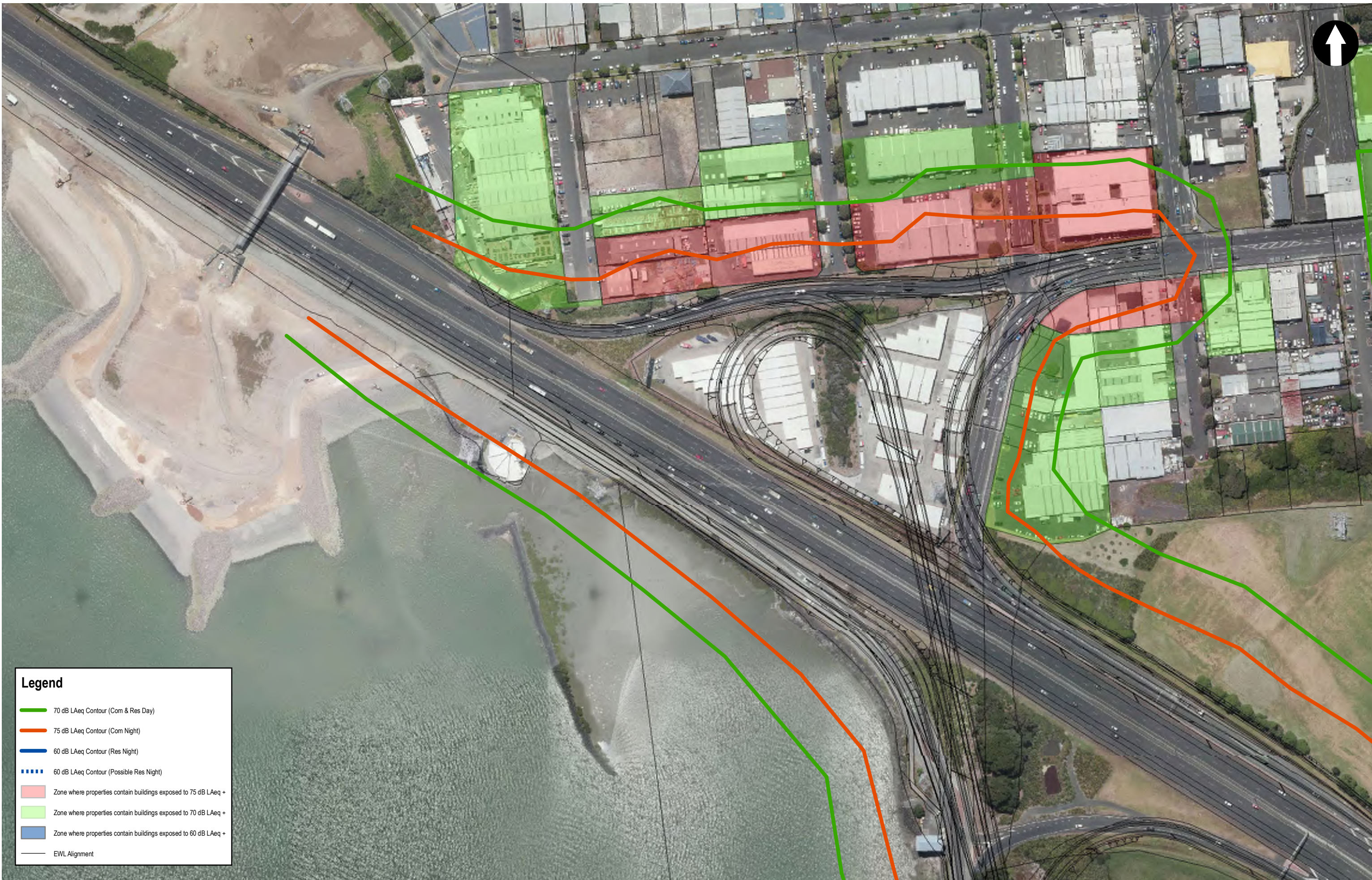


Appendix E

Construction Noise Contour Maps



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

A	ISSUED FOR INFORMATION ONLY	Bap	SW	SW	15/11/16
No	Issued Status	Drawn	Check'd	App'd	Date

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-001	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

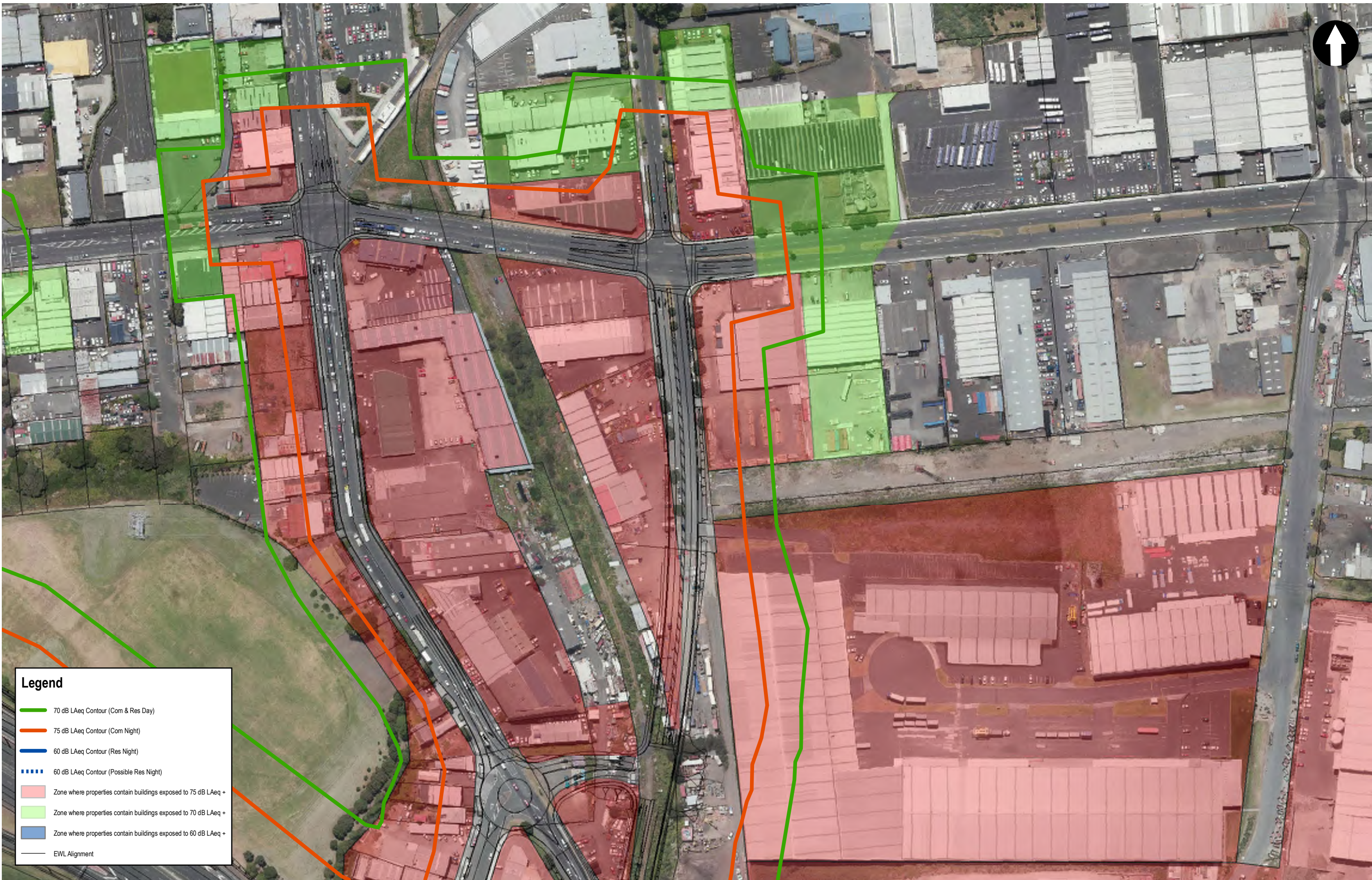
A ISSUED FOR INFORMATION ONLY				
No	Issued Status	Bap	SW	SW
		Drawn	Check'd	App'd
				Date
				15/11/16

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-002	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

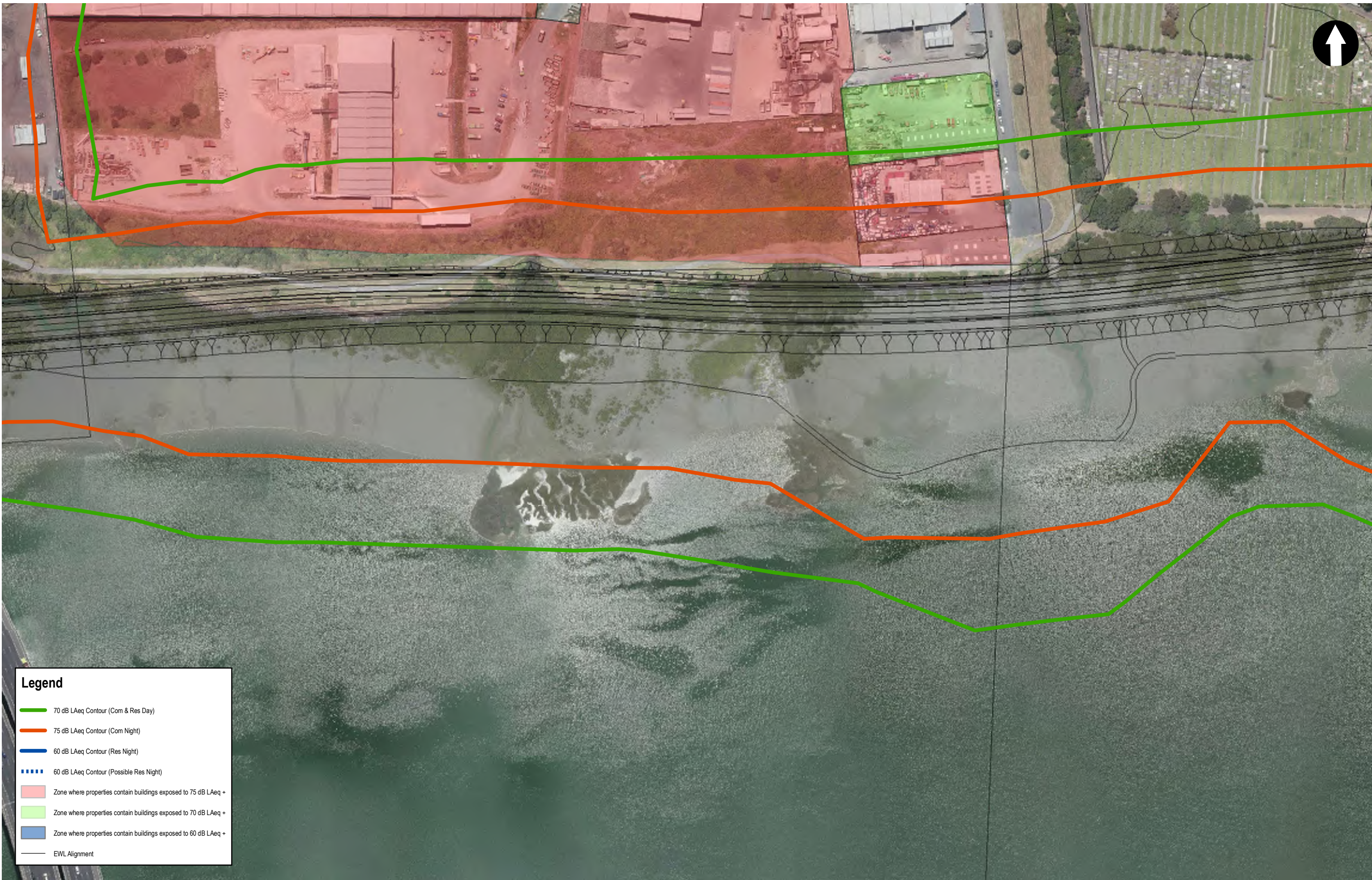
DISCLAIMER
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A ISSUED FOR INFORMATION ONLY				
No	Issued Status	Bap	SW	SW
		Drawn	Check'd	App'd
				Date
				15/11/16

Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-003	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

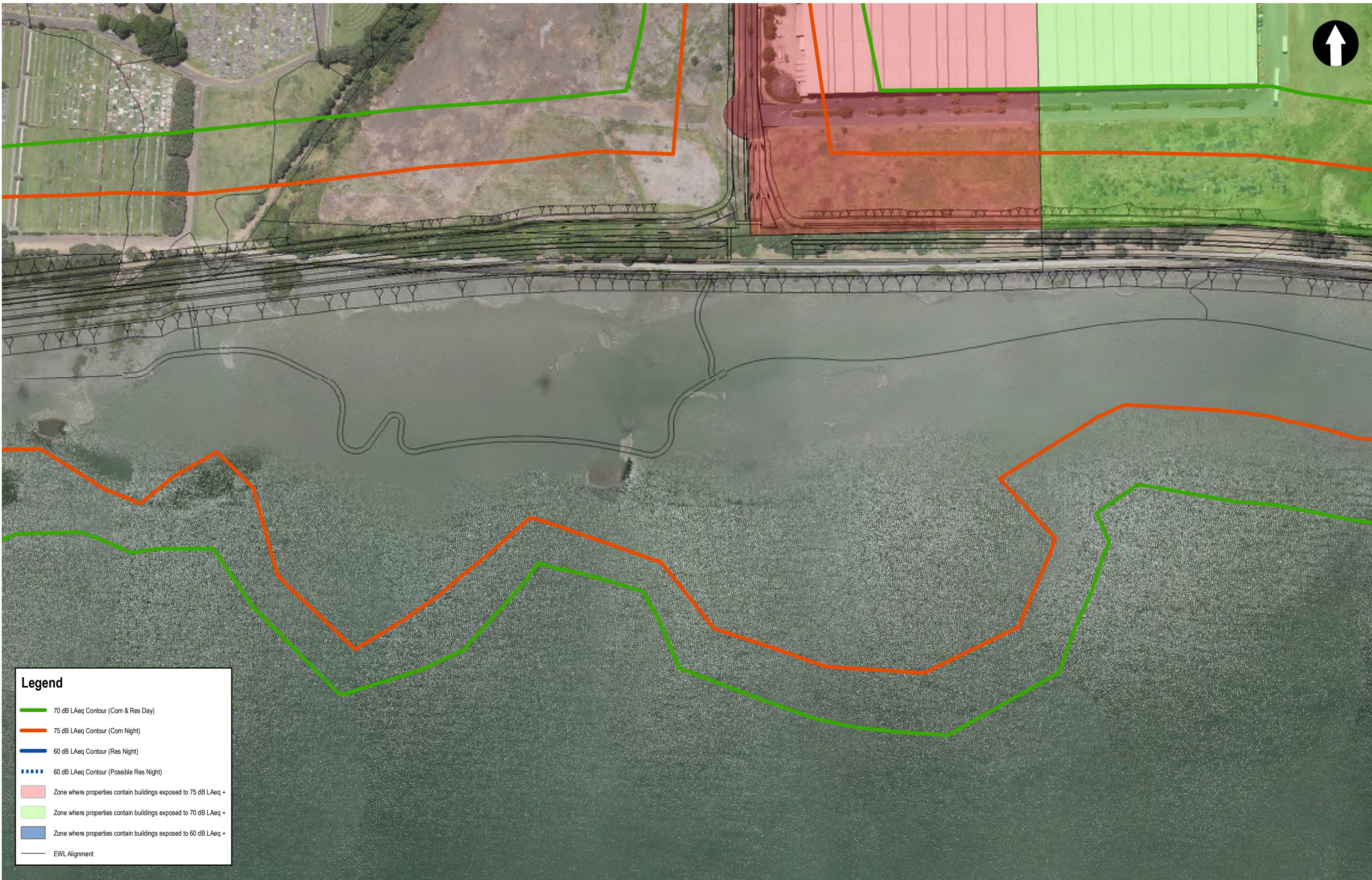
A	ISSUED FOR INFORMATION ONLY	Bap	SW	SW	15/11/16
No	Issued Status	Drawn	Check'd	App'd	Date

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-004	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

A ISSUED FOR INFORMATION ONLY					
No	Issued Status	Drawn	Check'd	App'd	Date
		Bap	SW	SW	15/11/16

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-005	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

A ISSUED FOR INFORMATION ONLY					
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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-006	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

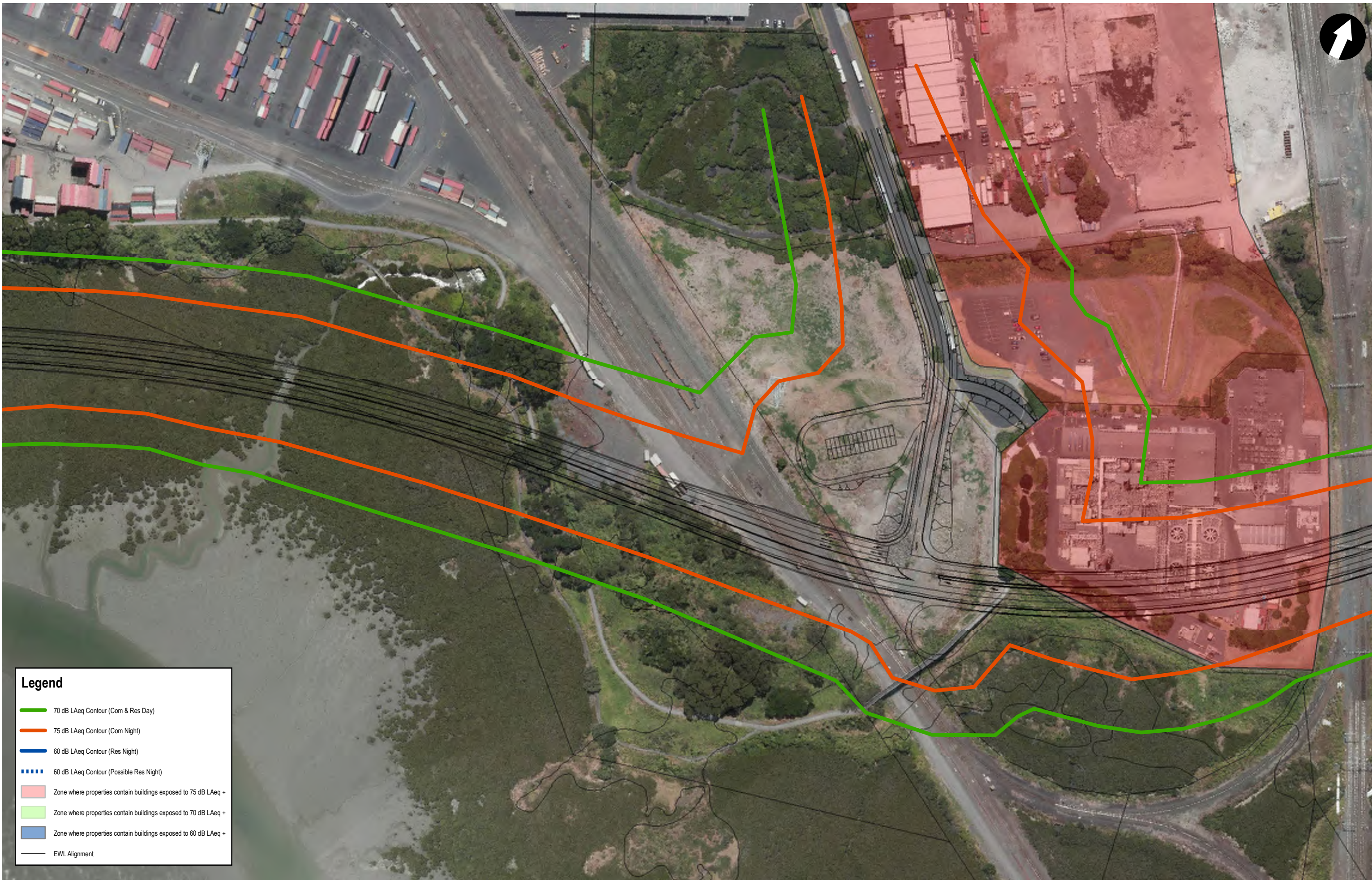
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No	Issued Status	Drawn	Check'd	App'd	Date
		Bap	SW	SW	15/11/16

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-007	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

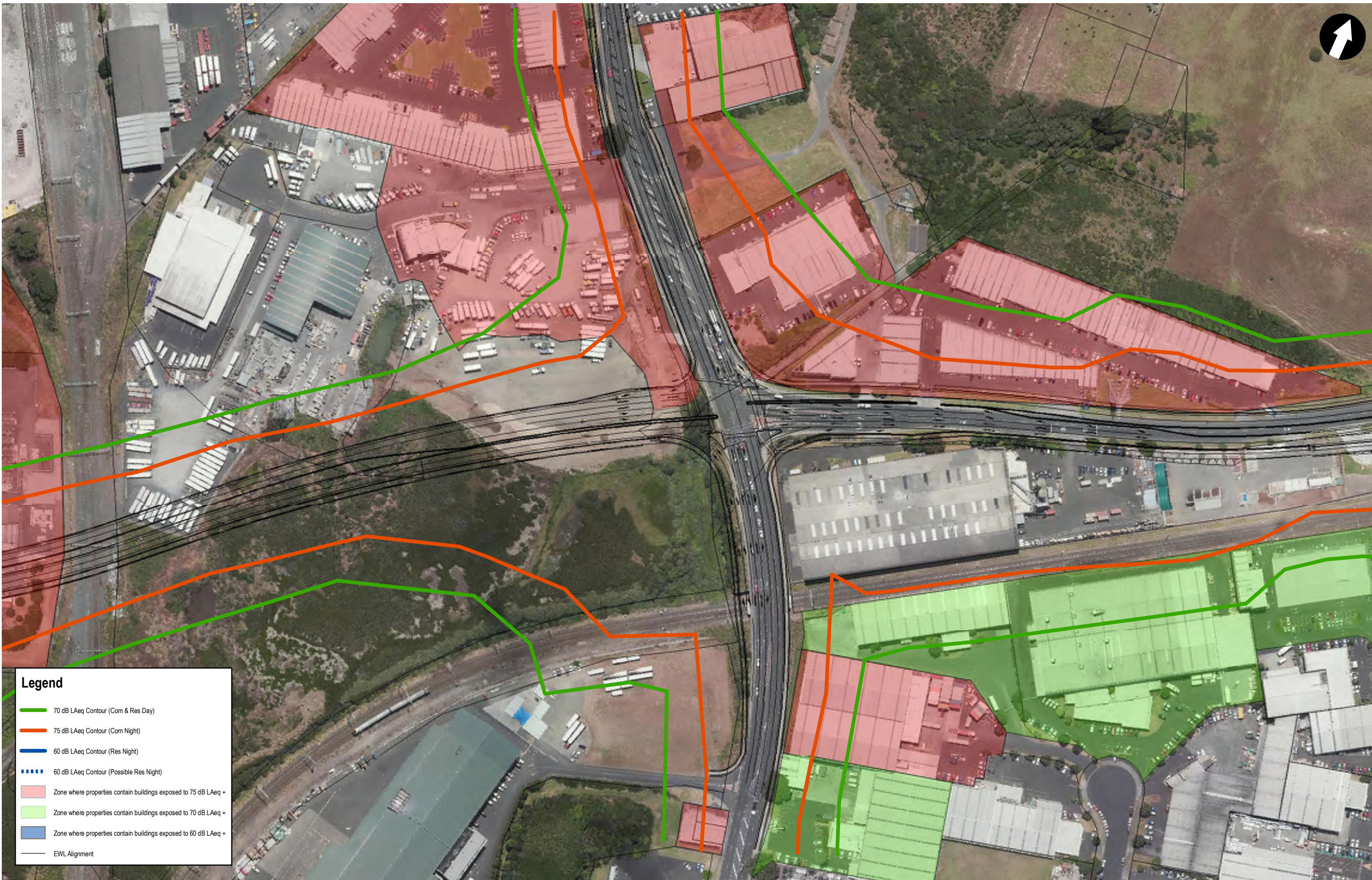
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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No. PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-008	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

A ISSUED FOR INFORMATION ONLY				
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		Drawn	Check'd	App'd
				Date
				15/11/16

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Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-009	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

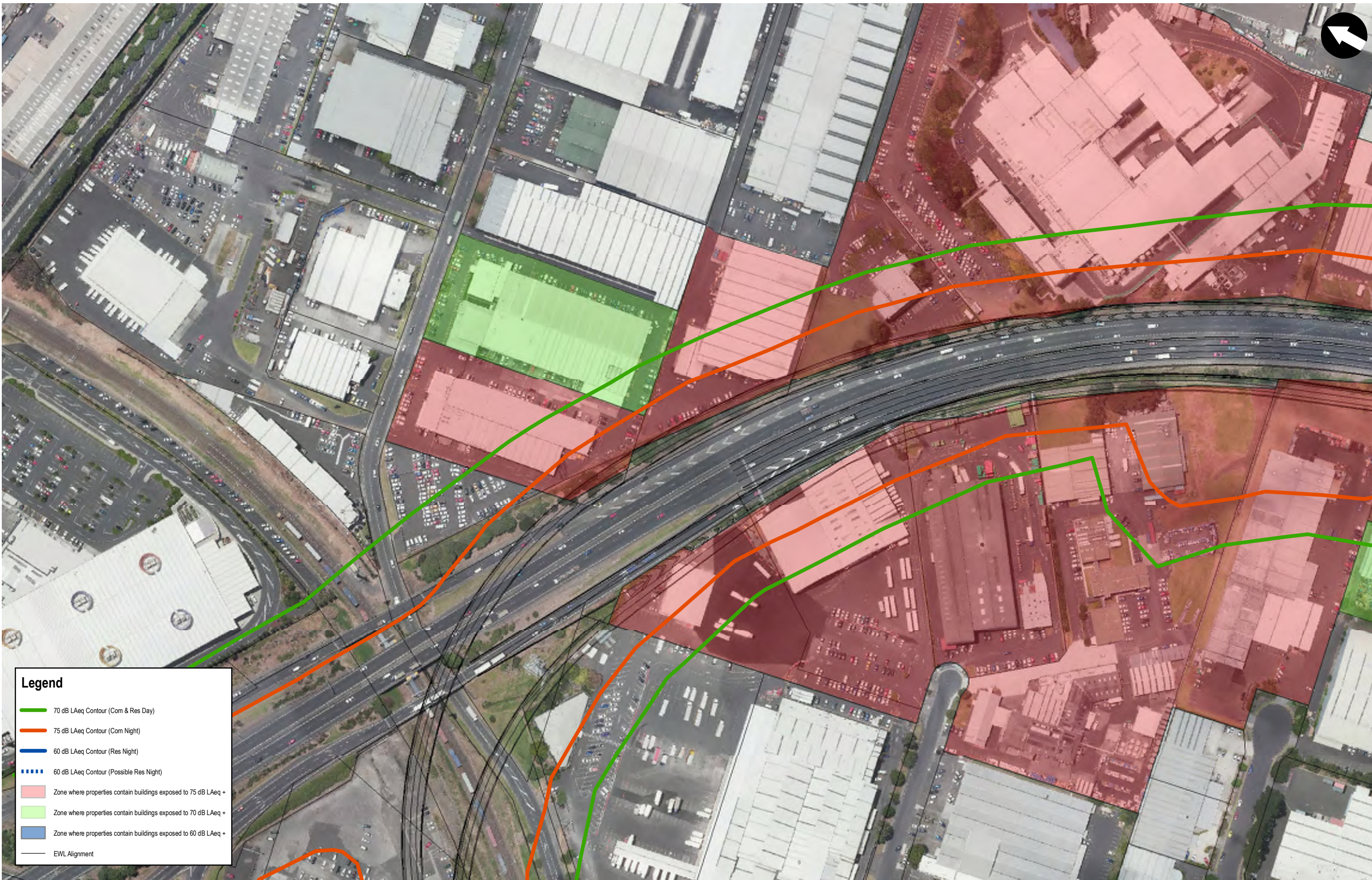
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No	Issued Status	Bap	SW	SW	15/11/16
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Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-010	
Rev No.	A	



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

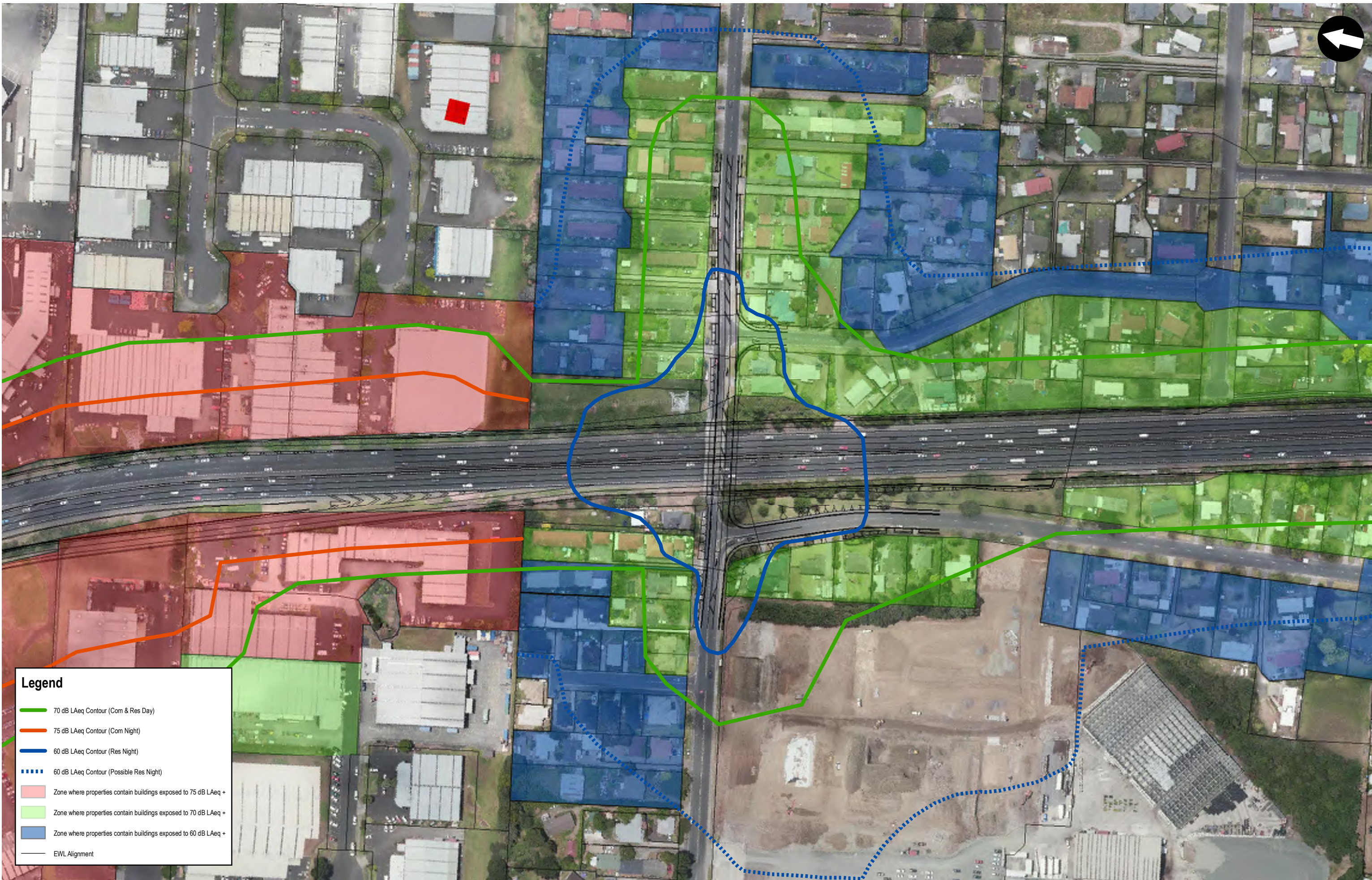
A	ISSUED FOR INFORMATION ONLY	Bap	SW	SW	15/11/16
No	Issued Status	Drawn	Check'd	App'd	Date

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Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-011	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

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Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-012	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

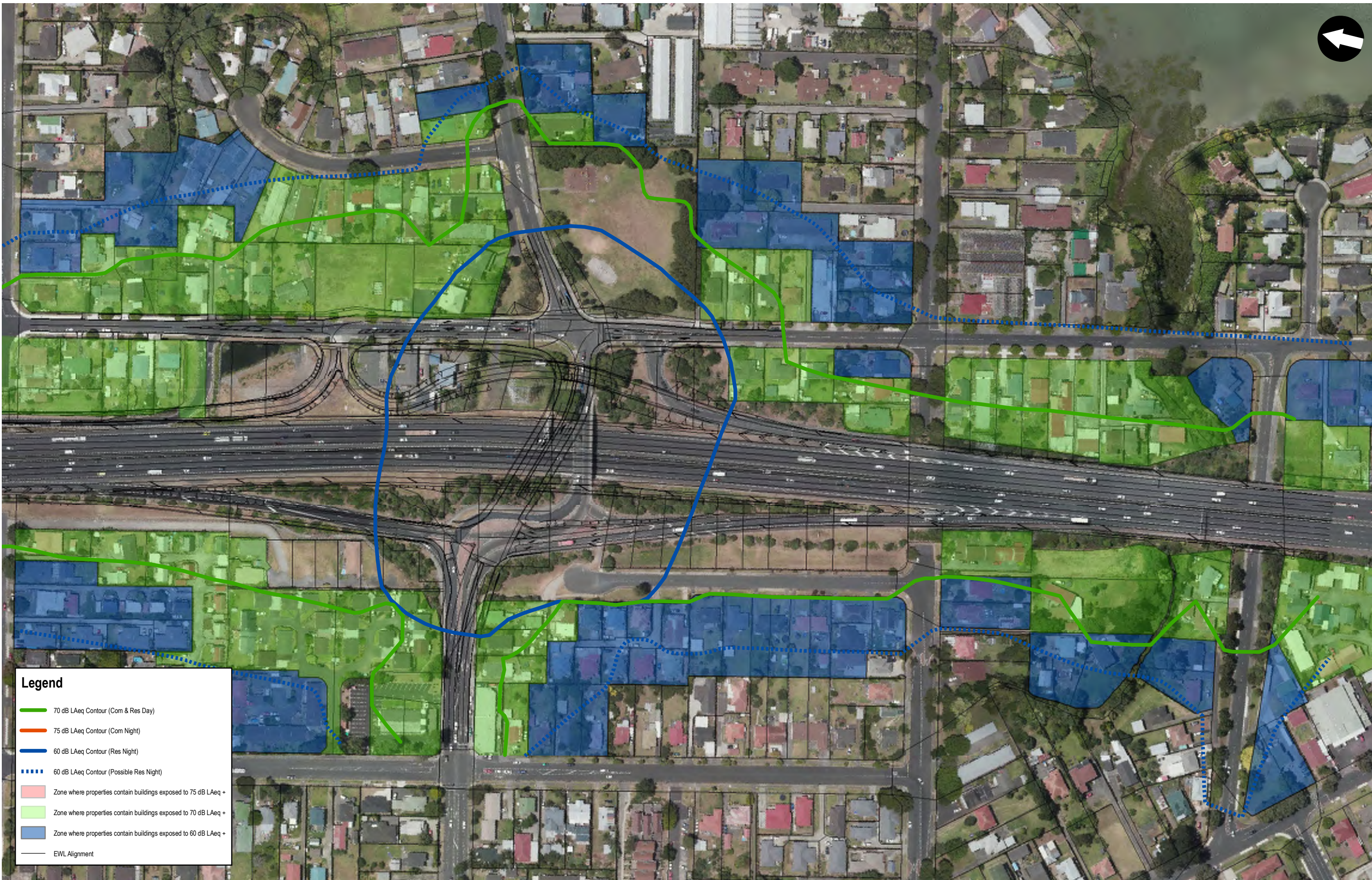
A ISSUED FOR INFORMATION ONLY					
No	Issued Status	Drawn	Check'd	App'd	Date
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Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-013	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

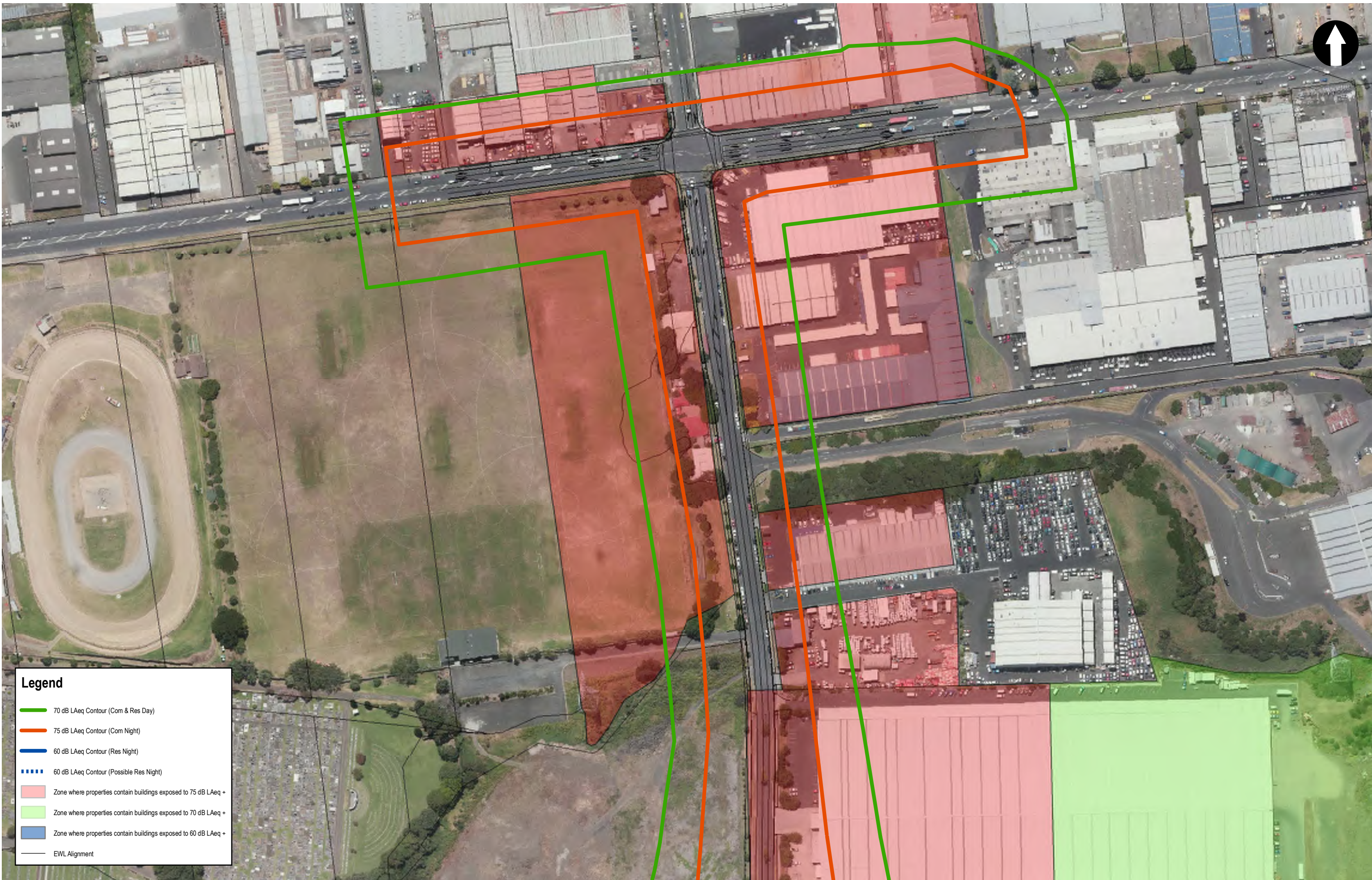
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Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise
Drawing Number	GIS-NV-AEE-014
Rev No.	A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-015A	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

A ISSUED FOR INFORMATION ONLY				
No	Issued Status	Bap	SW	SW
		Drawn	Check'd	App'd
				Date
				15/11/16

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-015B	Rev No. A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

A	ISSUED FOR INFORMATION ONLY	Bap	SW	SW	15/11/16				
No	Issued Status	Drawn	Check'd	App'd	Date				

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise
Drawing Number	GIS-NV-AEE-016
Rev No.	A



Legend

- 70 dB LAeq Contour (Com & Res Day)
- 75 dB LAeq Contour (Com Night)
- 60 dB LAeq Contour (Res Night)
- - - - 60 dB LAeq Contour (Possible Res Night)
- Zone where properties contain buildings exposed to 75 dB LAeq +
- Zone where properties contain buildings exposed to 70 dB LAeq +
- Zone where properties contain buildings exposed to 60 dB LAeq +
- EWL Alignment

A ISSUED FOR INFORMATION ONLY				
No	Issued Status	Bap	SW	SW
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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Construction Noise	
Drawing Number	GIS-NV-AEE-017	Rev No. A



Legend

- Building Footprint
- Noise Level dB LAeq(24h)**
- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75

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No	Issued Status	Bap	SW	SW
		Drawn	Check'd	App'd
				Date
				20/10/16

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:20,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Existing Noise Model Overview	
Drawing Number	GIS-NV-AEE-054	Rev No. A



Legend

Building Footprint

Noise Level dB LAeq(24h)

- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75

A ISSUED FOR INFORMATION ONLY					
No	Issued Status	Drawn	Check'd	App'd	Date
		Bap	SW	SW	20/10/16

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Existing Noise Model	
Drawing Number	GIS-NV-AEE-055	Rev No. A



Legend

Building Footprint

Noise Level dB LAeq(24h)

- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75

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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Existing Noise Model	
Drawing Number	GIS-NV-AEE-056	Rev No. A



Legend

- Building Footprint

Noise Level dB LAeq(24h)

- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75

A	ISSUED FOR INFORMATION ONLY	Bap	SW	SW	20/10/16
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Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Existing Noise Model		
Drawing Number	GIS-NV-AEE-057		Rev No. A



Legend

- Building Footprint
- Noise Level dB LAeq(24h)**
- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75

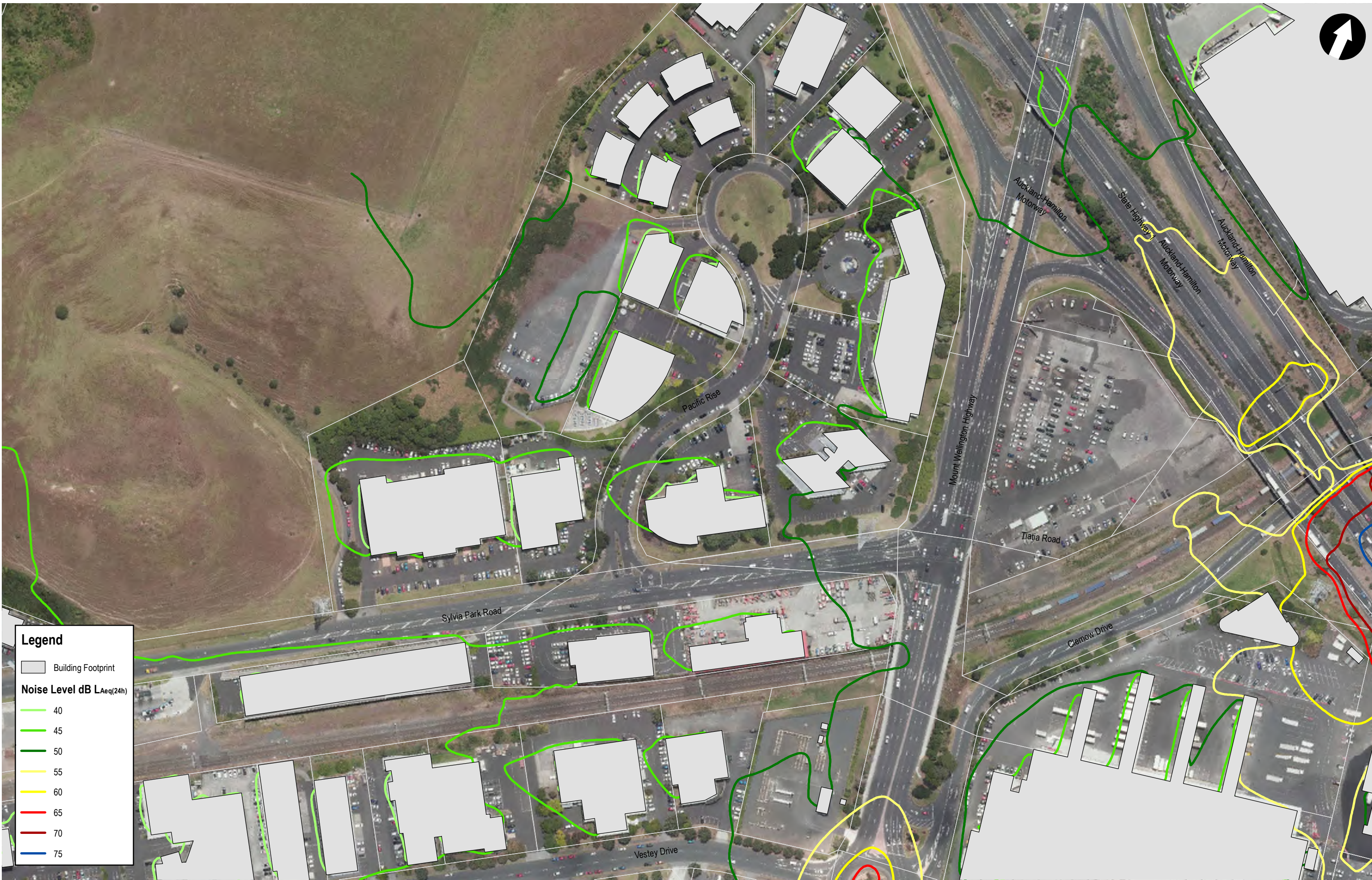
A	ISSUED FOR INFORMATION ONLY	Bap	SW	SW	20/10/16
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Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No	PA4041

Drawing Title	NOISE AND VIBRATION Existing Noise Model	
Drawing Number	GIS-NV-AEE-058	Rev No. A



Legend

- Building Footprint
- Noise Level dB LAeq(24h)**
- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75

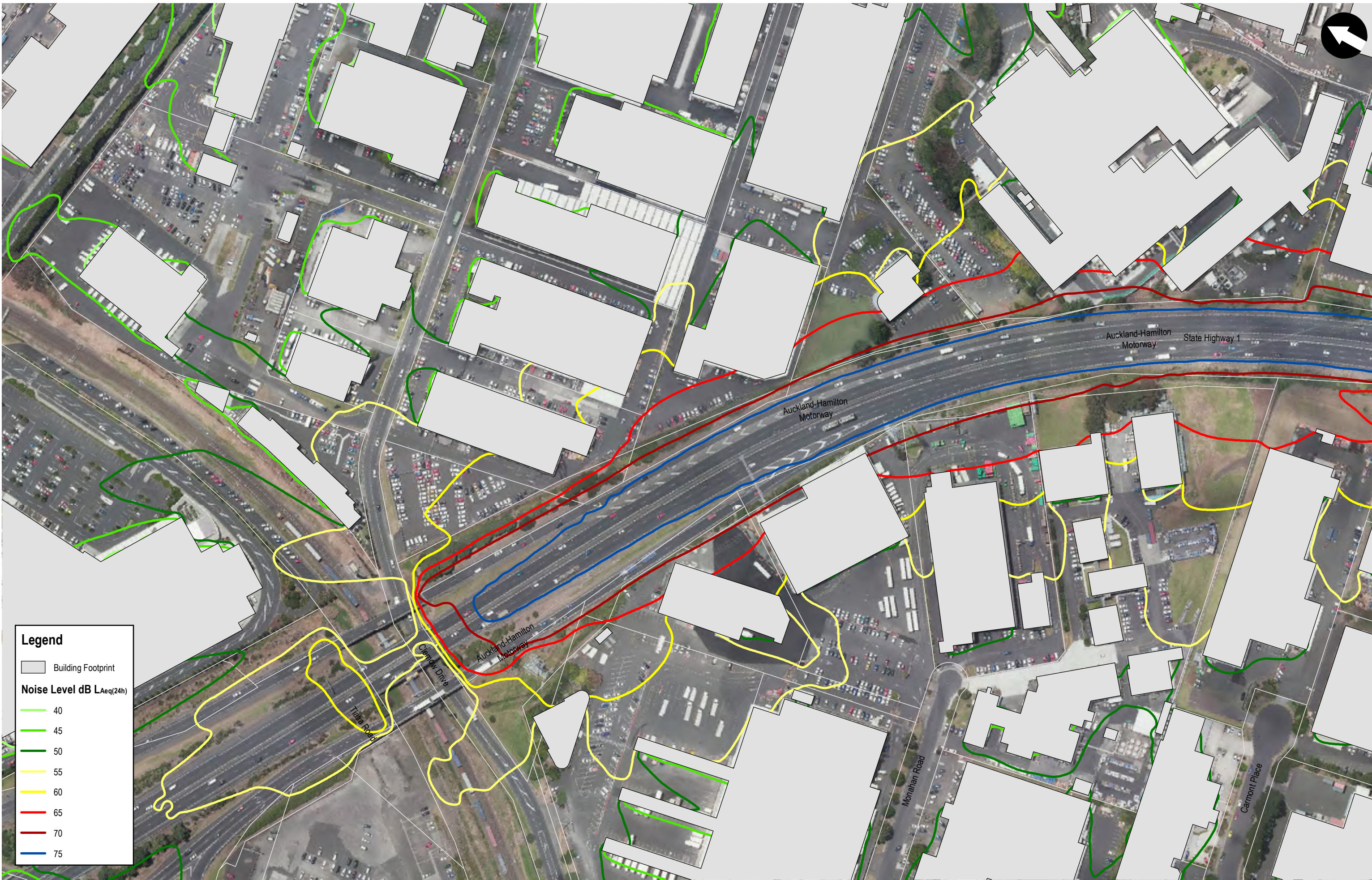
A ISSUED FOR INFORMATION ONLY				
No	Issued Status	Drawn	Check'd	App'd
		Bap	SW	SW
				20/10/16
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Drawn	Drafting Check	Reviewed Design Manager	Approved Alliance Manager
Designed	Design Check		
Scale: 1:2,000	Original Size: A3	Contract No: PA4041	

Drawing Title	NOISE AND VIBRATION Existing Noise Model	
Drawing Number	GIS-NV-AEE-059	Rev No. A



Legend

- Building Footprint
- Noise Level dB LAeq(24h)**
- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75

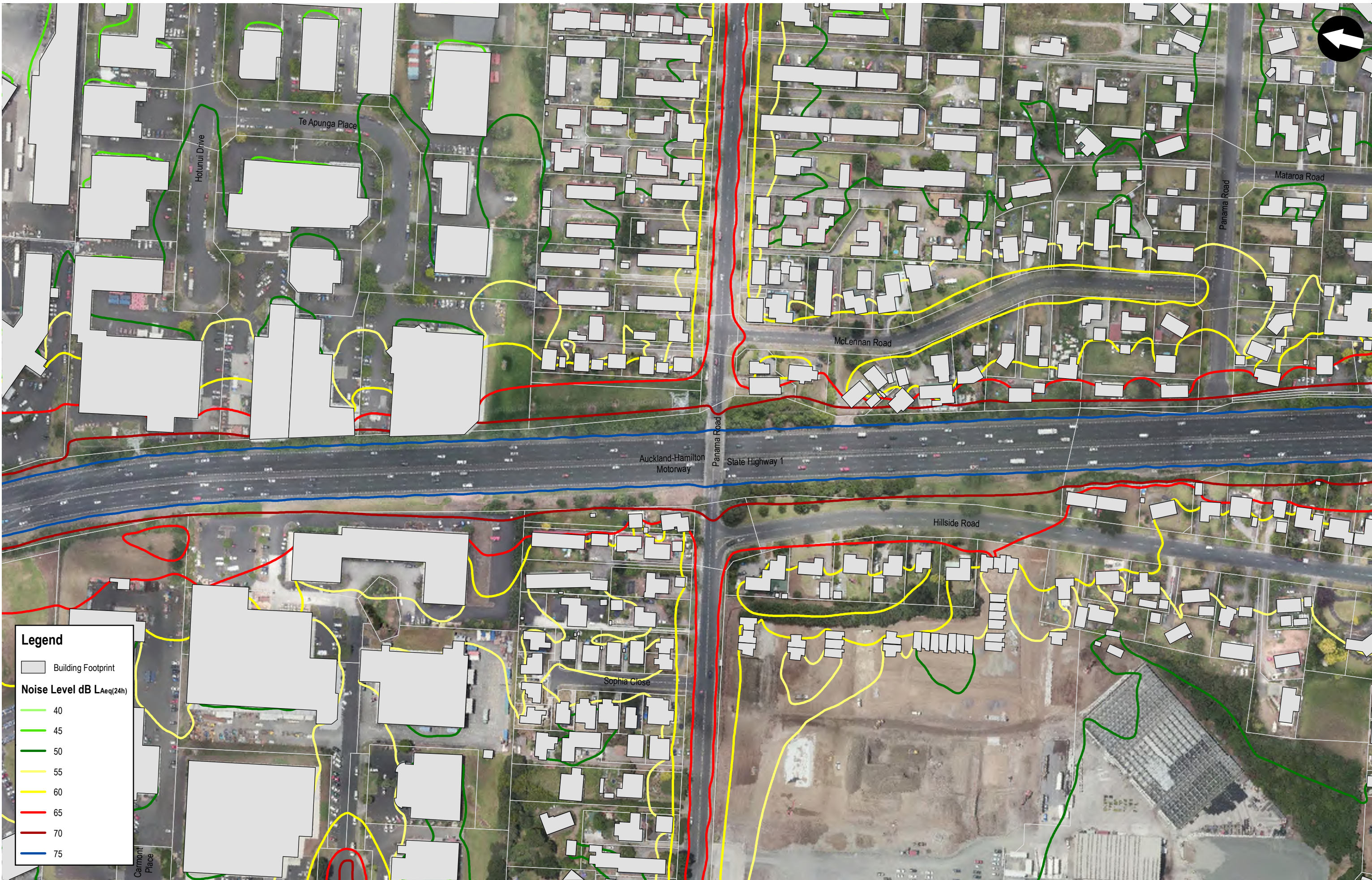
A ISSUED FOR INFORMATION ONLY				
No	Issued Status	Bap	SW	20/10/16
		Drawn	Check'd	App'd
				Date

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Legend

Building Footprint

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- 40
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- 50
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Drawing Number	GIS-NV-AEE-061	Rev No. A



Legend

Building Footprint

Noise Level dB LAeq(24h)

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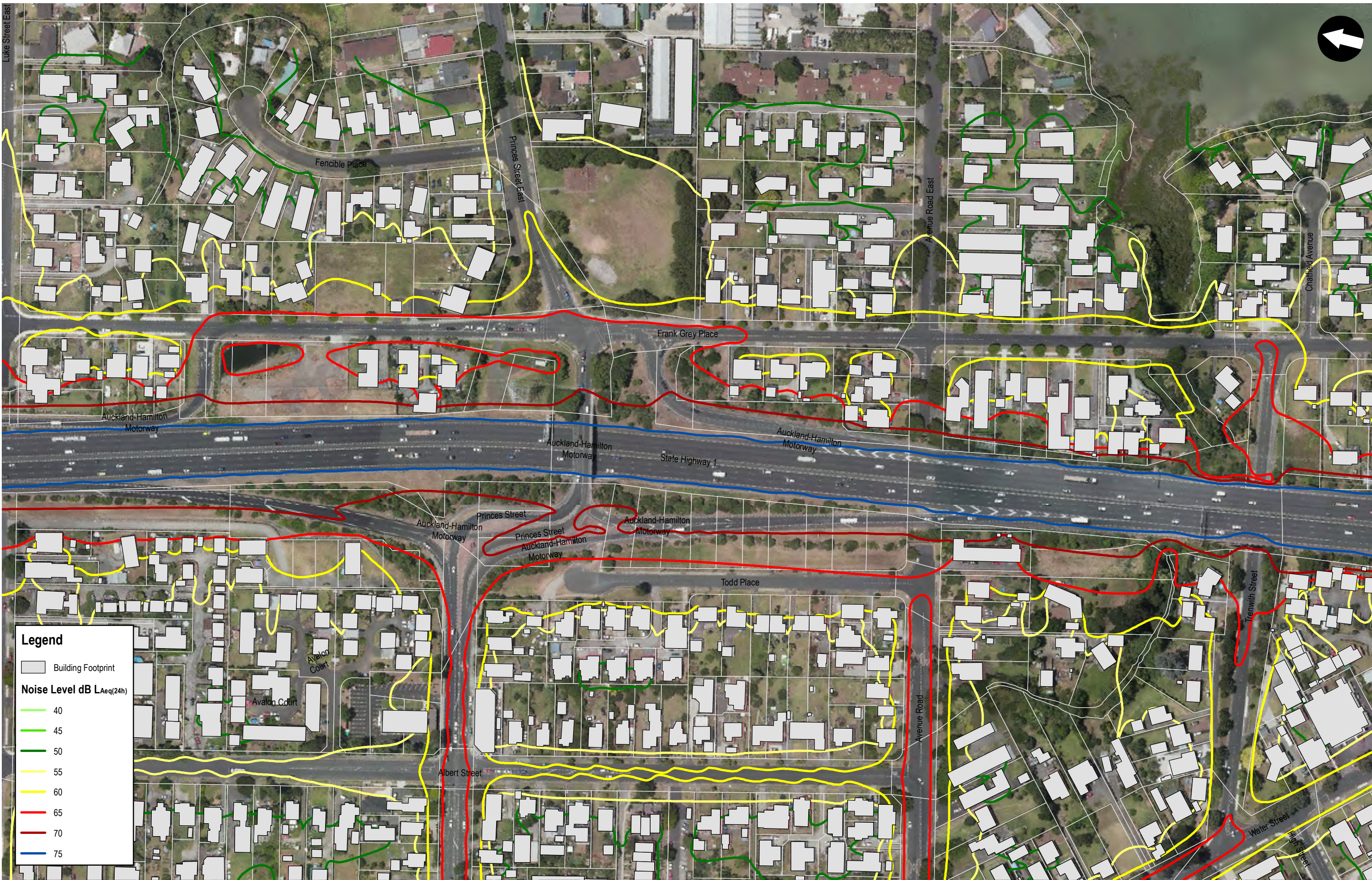
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Drawing Title	NOISE AND VIBRATION Existing Noise Model	
Drawing Number	GIS-NV-AEE-062	Rev No. A



Legend

- Building Footprint

Noise Level dB LAeq(24h)

- 40
- 45
- 50
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