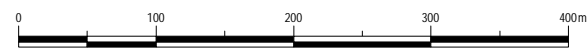




NOTES
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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
 - 50 - 55
 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

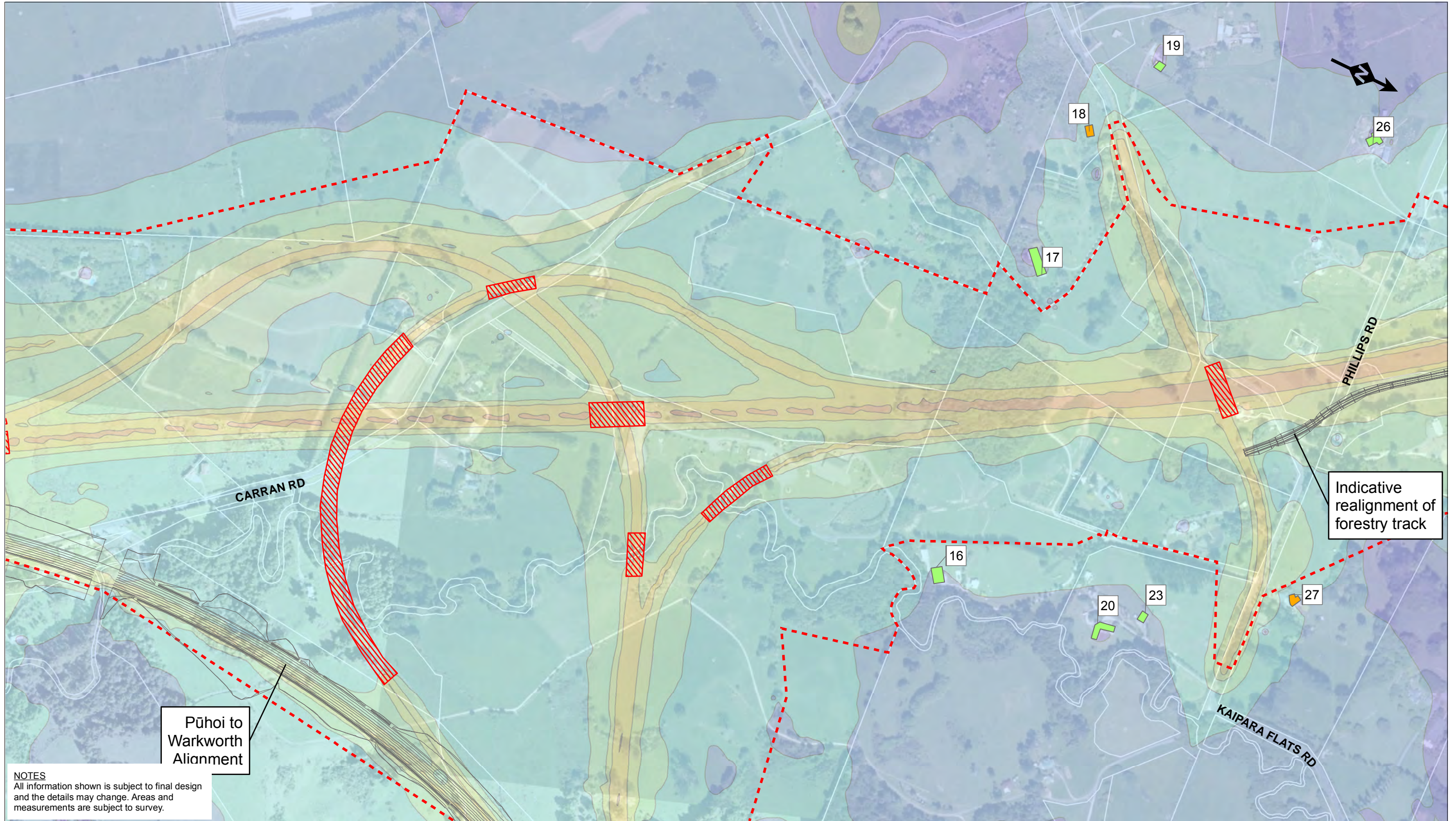
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No	Revision	Drawn	Checked	Approved	Date



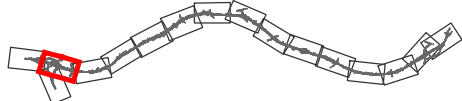
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Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-010
Sheet:	1 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
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- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
 - 50 - 55
 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

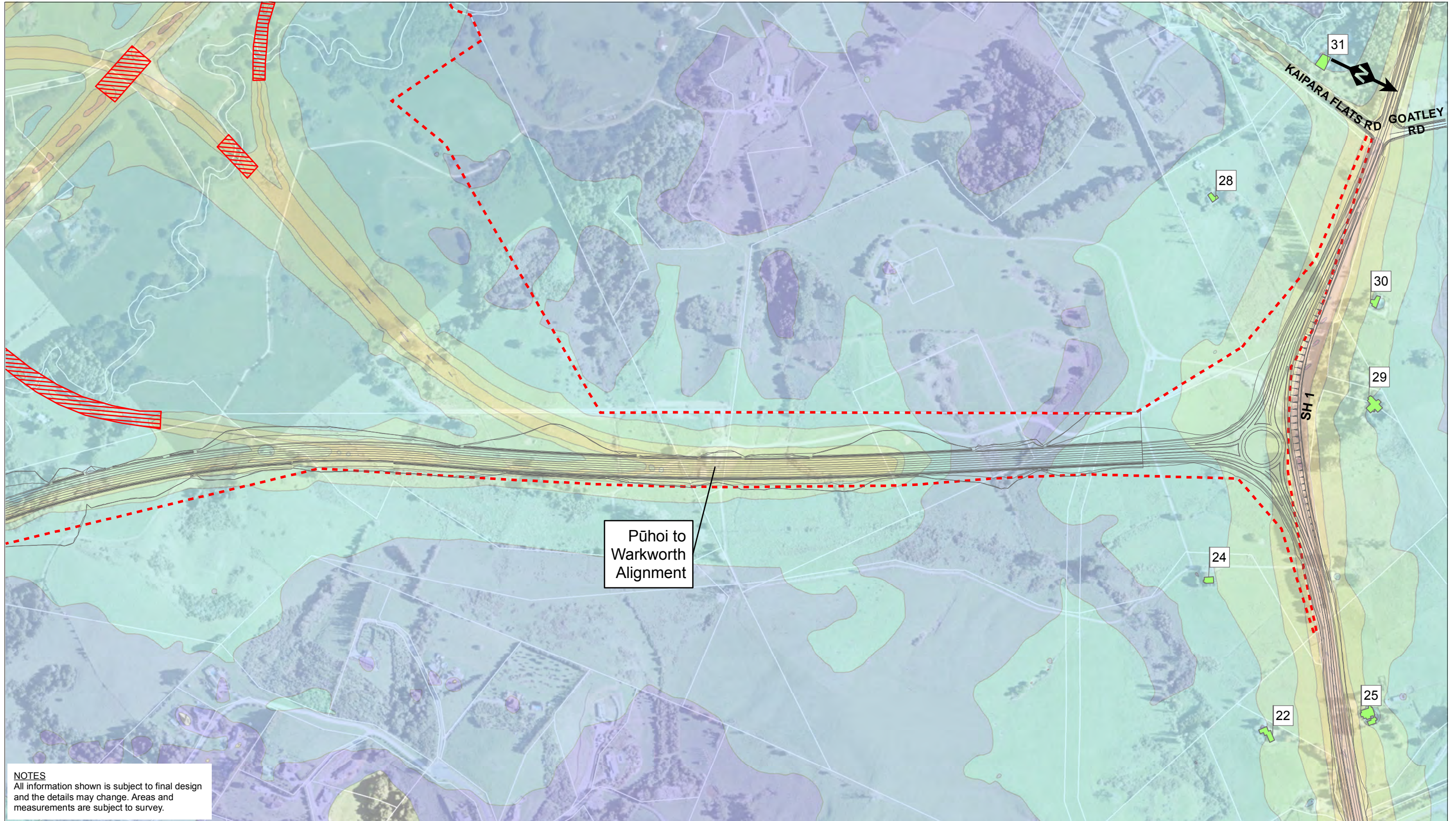
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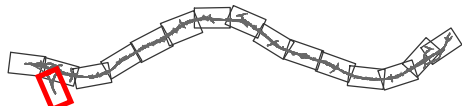
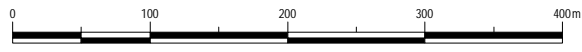
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Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-011
Sheet:	2 OF 16	Rev:	0



Pūhoi to Warkworth Alignment

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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
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- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
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 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

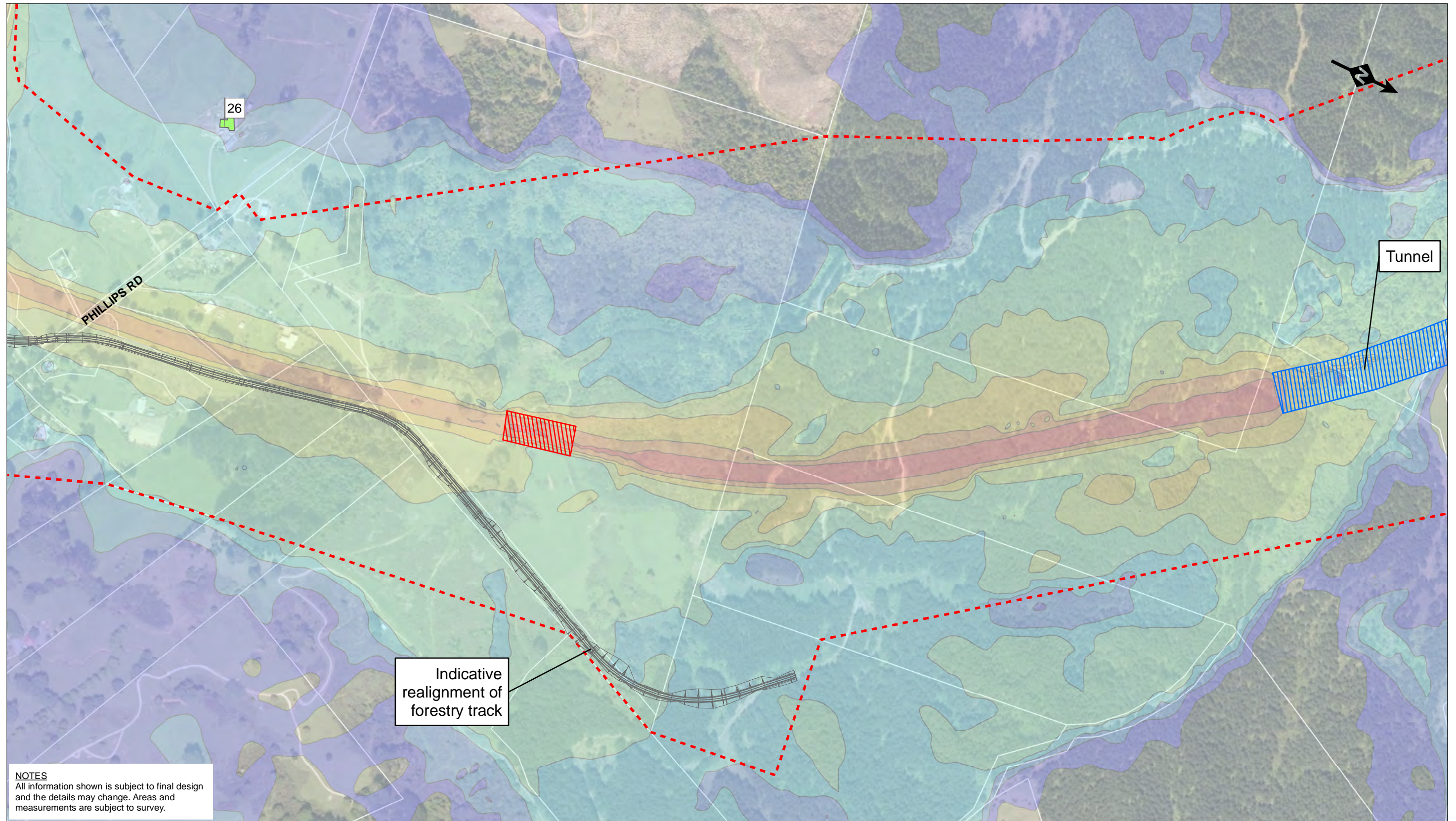
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No	Revision	Drawn	Checked	Approved	Date



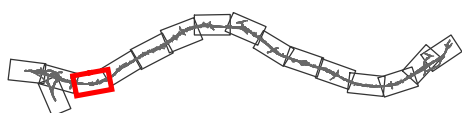
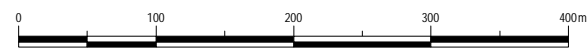
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Approved BN*		Date JULY 2019	
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Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-012
Sheet:	3 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
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- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
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 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

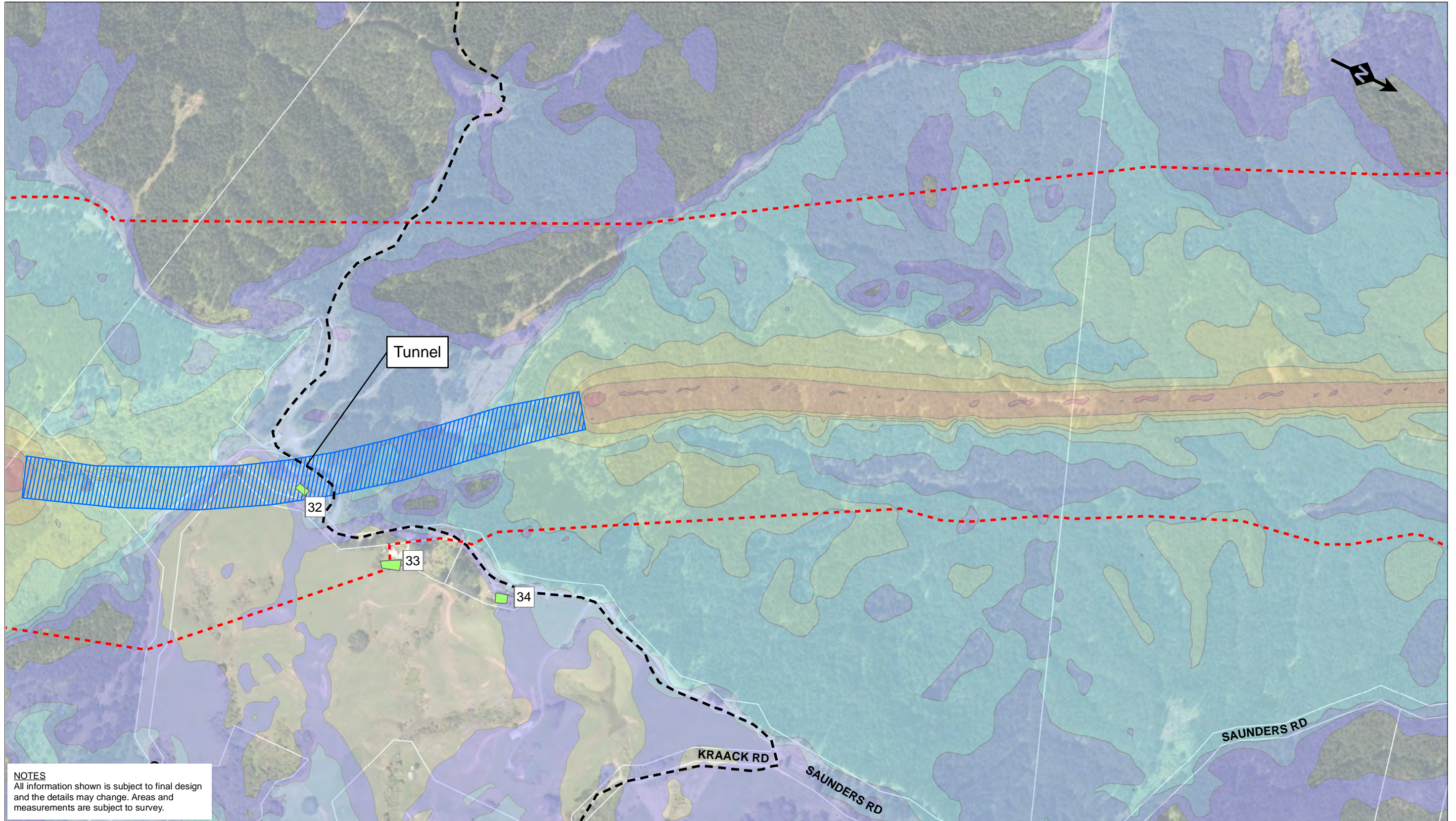
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No	Revision	Drawn	Checked	Approved	Date



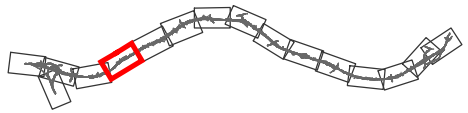
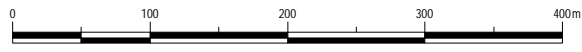
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Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-013
Sheet:	4 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
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 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

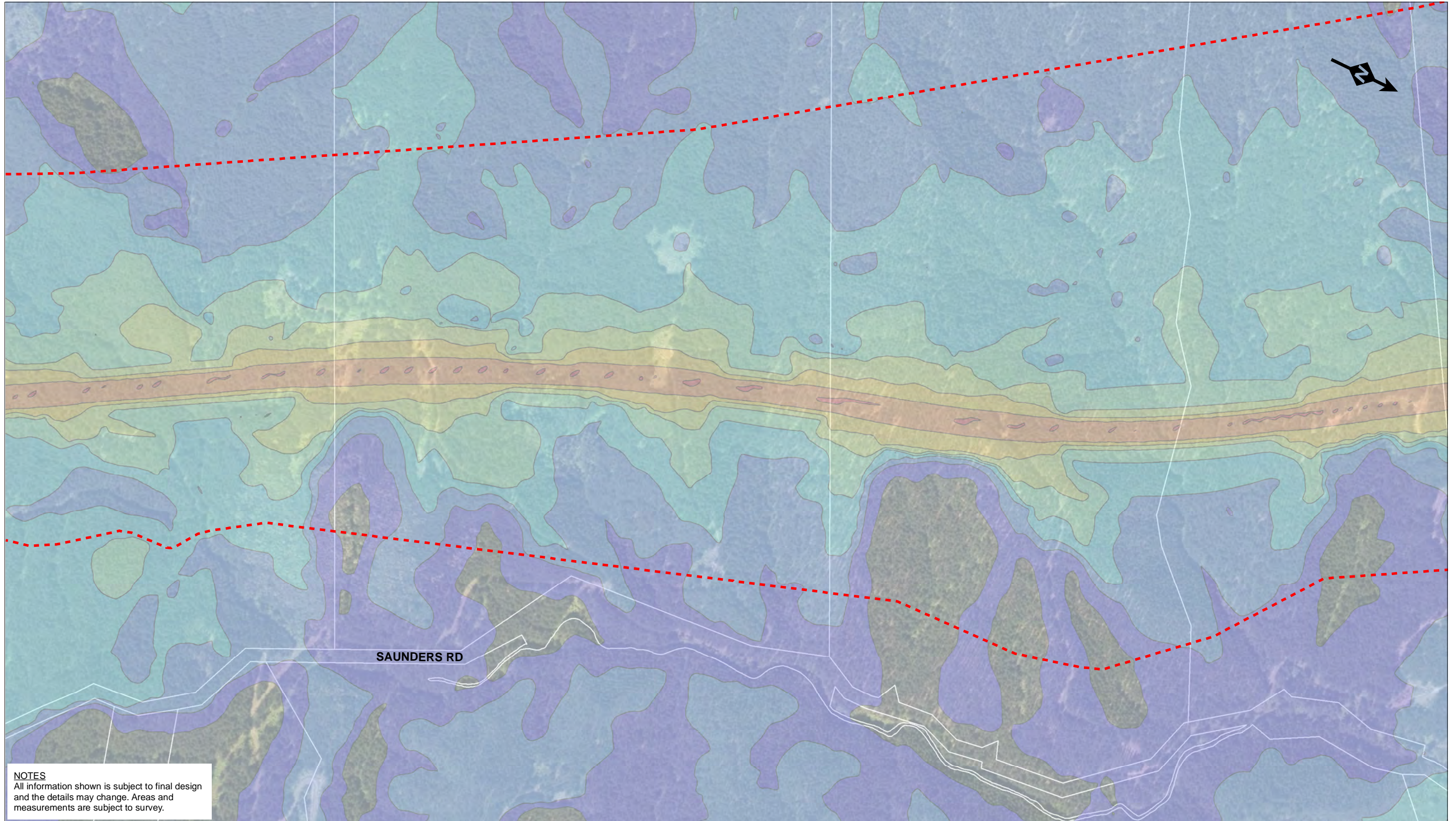
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No	Revision	Drawn	Checked	Approved	Date



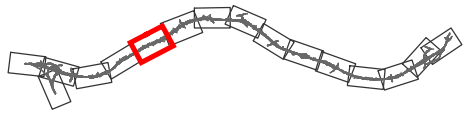
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Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-014
Sheet:	5 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
 - 50 - 55
 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- 01 PPF Assessed

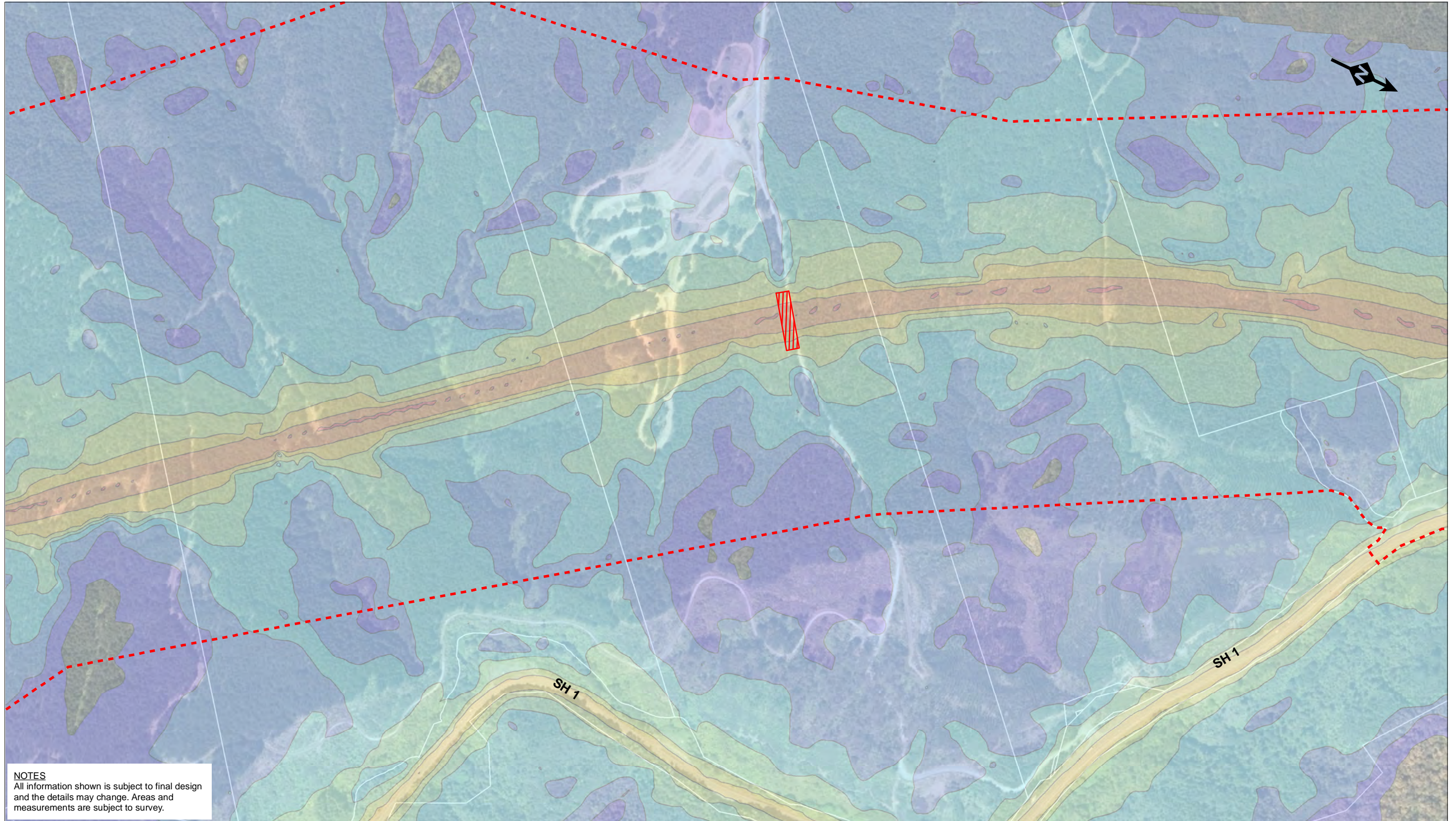
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No	Revision	Drawn	Checked	Approved	Date



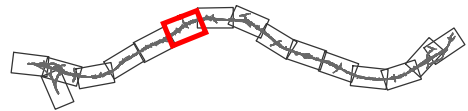
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Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-015
Sheet:	6 OF 16	Rev:	0



NOTES
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LEGEND

NZS 6806 PPFs

- Non PPF structure
- Category B
- Category A
- Category C

Predicted Traffic Noise Level (dB_{Aeq(24hr)})

- 40.00
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

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No	Revision	Drawn	Checked	Approved	Date



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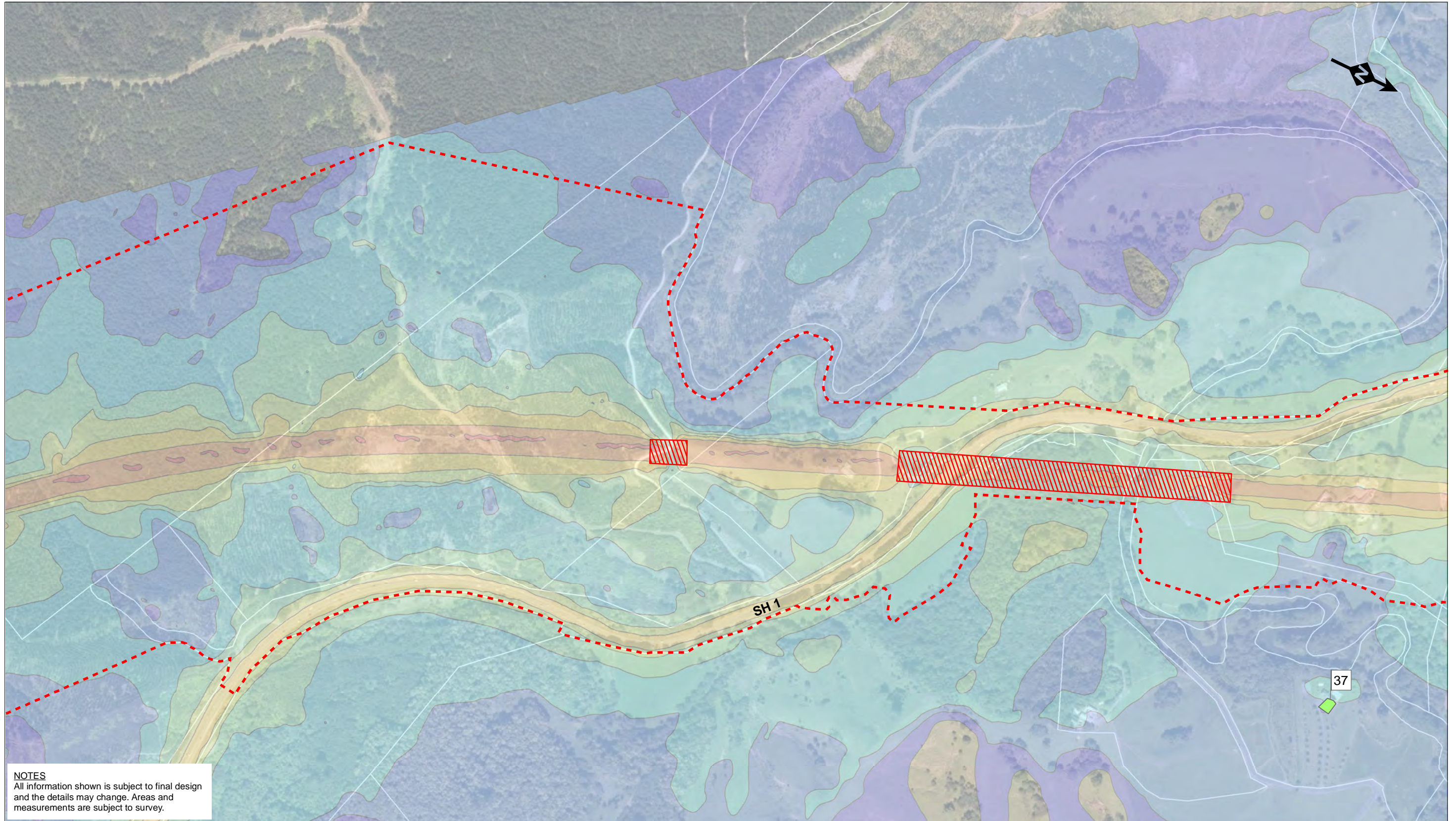
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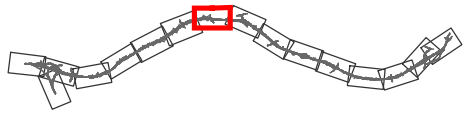
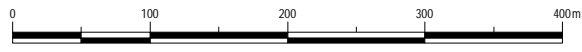
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Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project **WARKWORTH TO WELLSFORD PROJECT**
 Title **OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP**

Contract: **PA4156** Drawing No: **ON-016** Sheet: **7 OF 16** Rev: **0**



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LEGEND

NZS 6806 PPFs

- Non PPF structure
- Category B
- Category C
- Category A

Predicted Traffic Noise Level (dB_{Aeq(24hr)})

- 40.00
- 45 - 50
- 55 - 60
- 65 - 70
- 40 - 45
- 50 - 55
- 60 - 65
- 70 - 75

- Te Araroa Walkway
- Proposed designation boundary
- Indicative Alignment
- Bridge
- 01 PPF Assessed

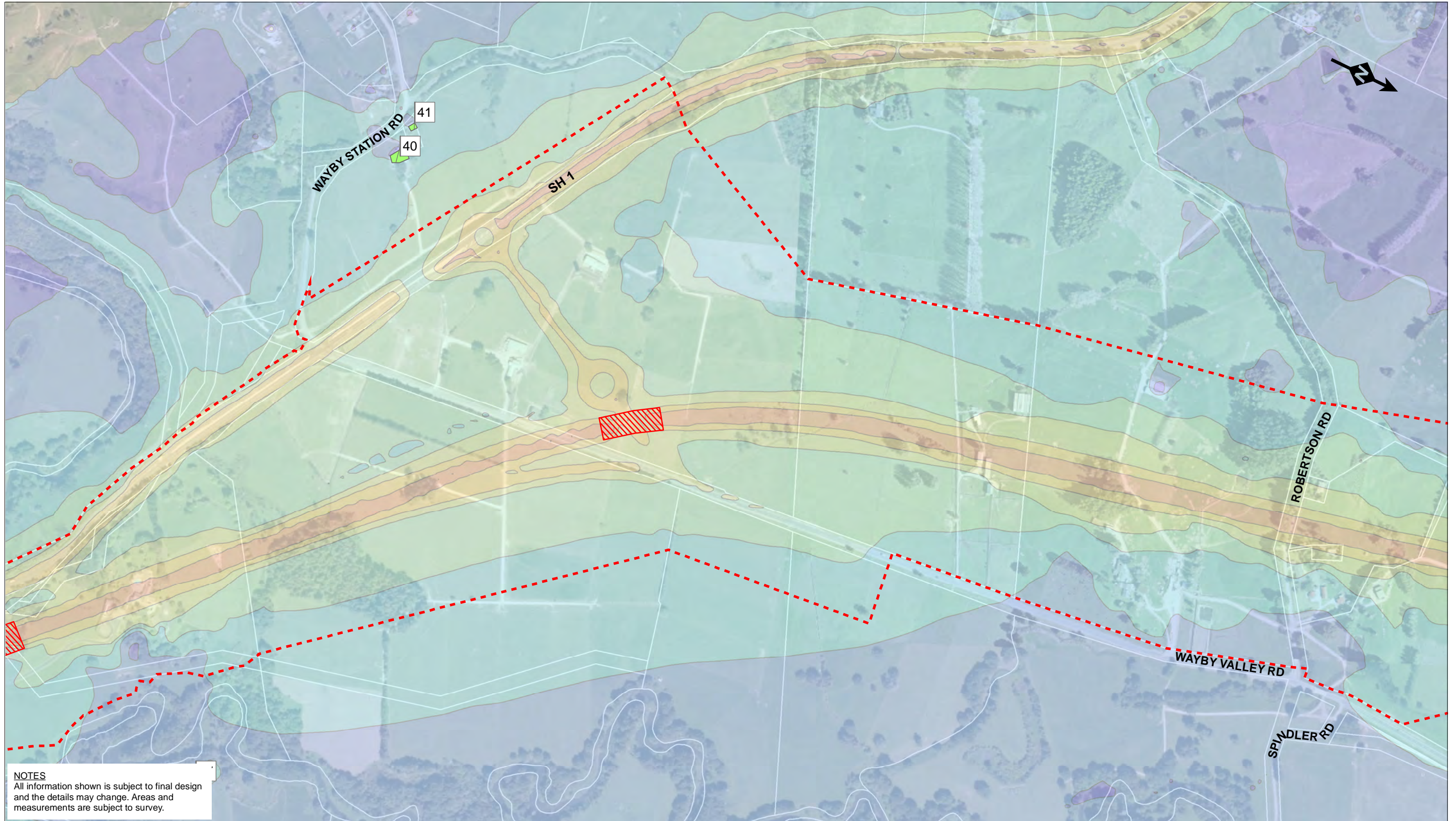
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No	Revision	Drawn	Checked	Approved	Date



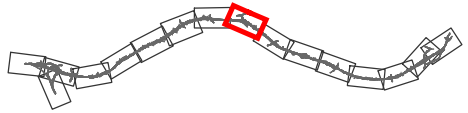
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FOR RMA APPROVALS			
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Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project WARKWORTH TO WELLSFORD PROJECT	Title OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP
Contract: PA4156	Drawing No: ON-017
Sheet: 8 OF 16	Rev: 0



NOTES
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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
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 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- 01 PPF Assessed

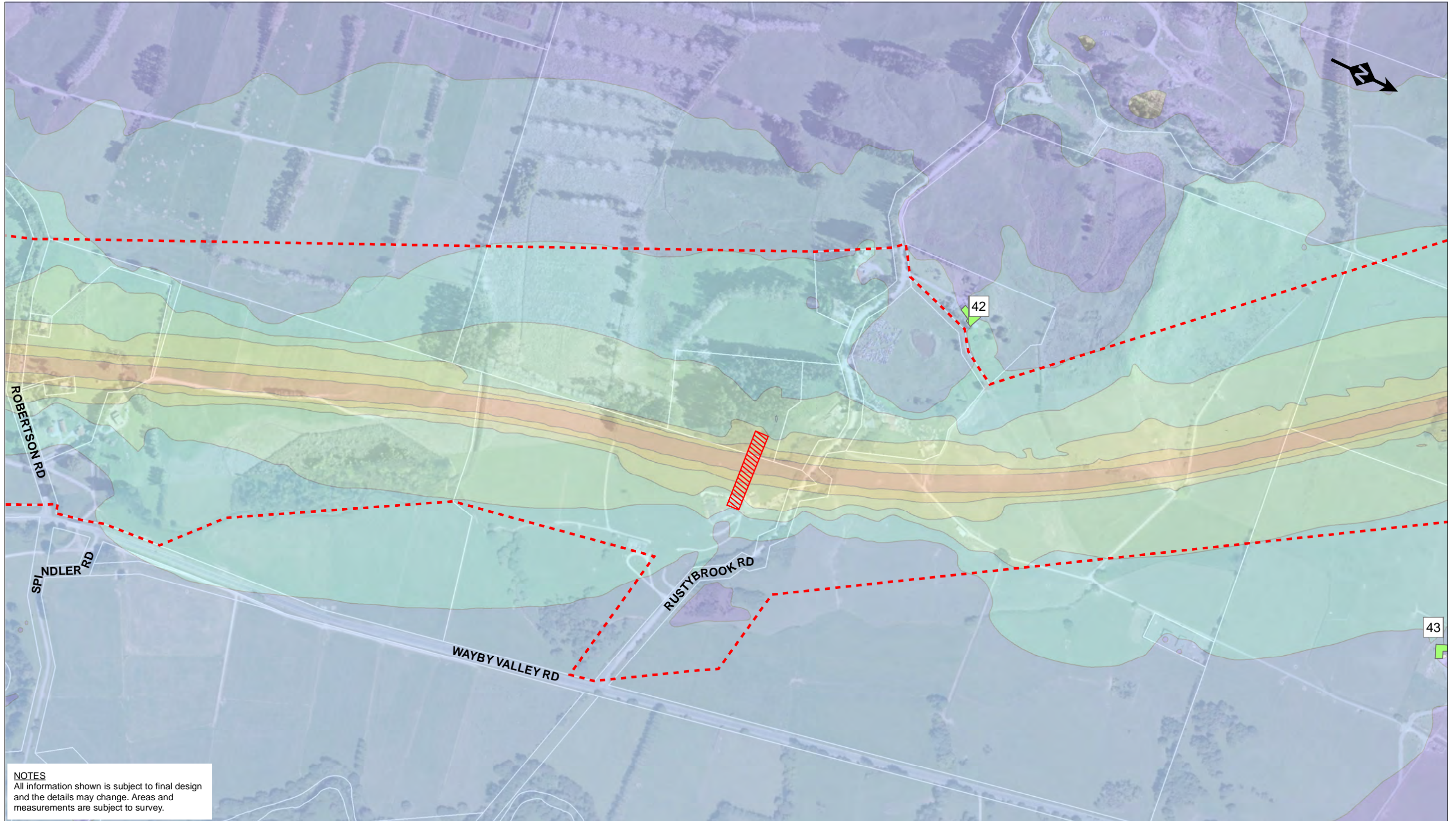
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No	Revision	Drawn	Checked	Approved	Date



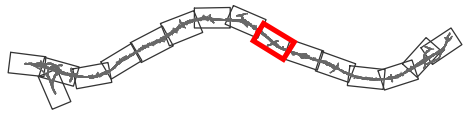
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Approved BN*		Date JULY 2019	
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Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-018
Sheet:	9 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
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 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Proposed designation boundary
- Indicative Alignment
- Bridge
- 01 PPF Assessed

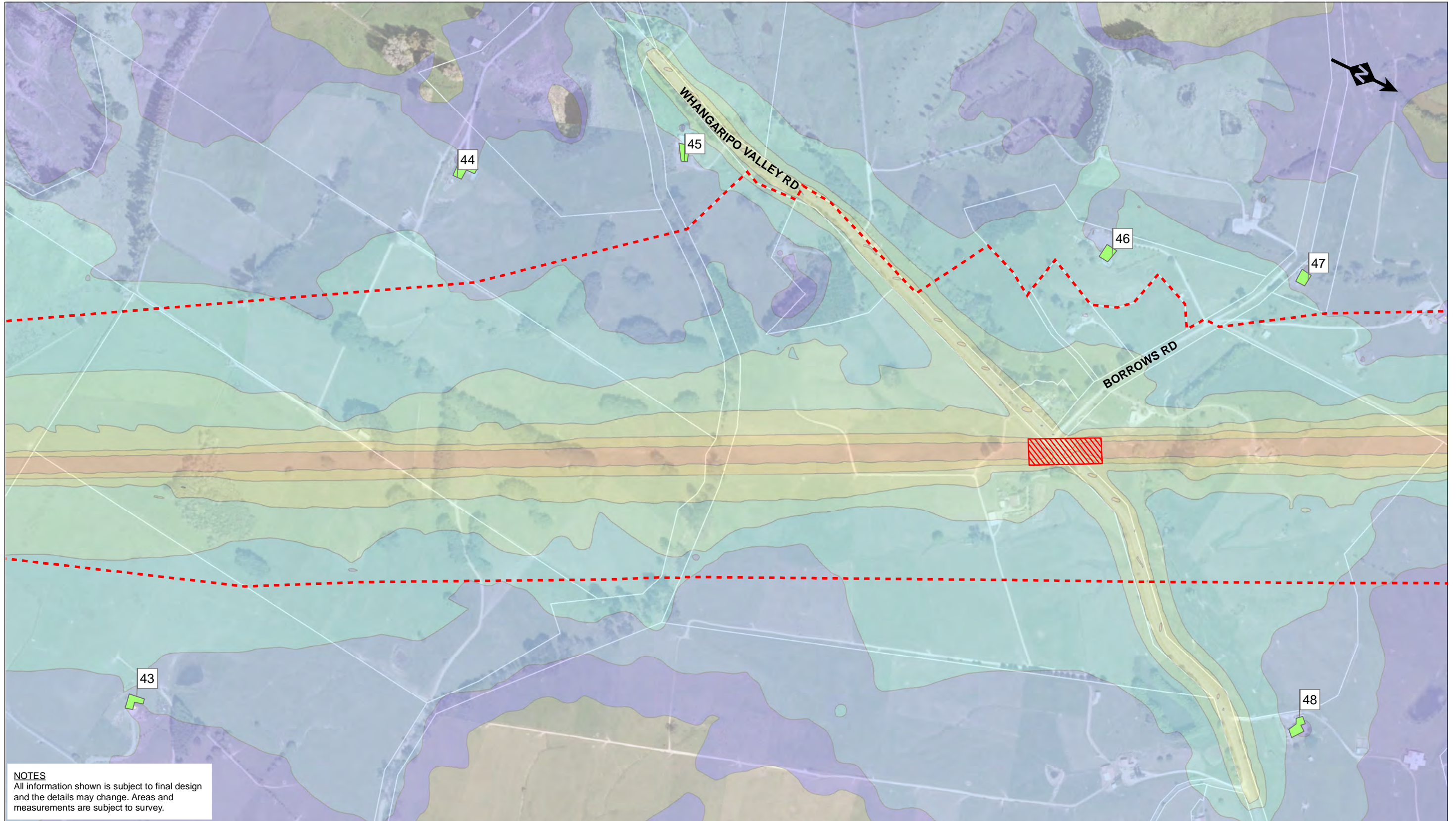
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No	Revision	Drawn	Checked	Approved	Date



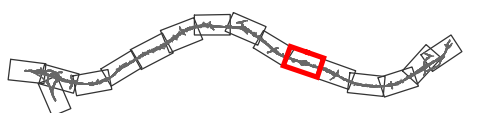
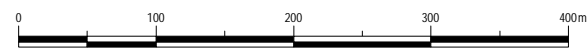
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Approved BN*		Date JULY 2019	
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Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-019
Sheet:	10 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
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 - 60 - 65
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- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

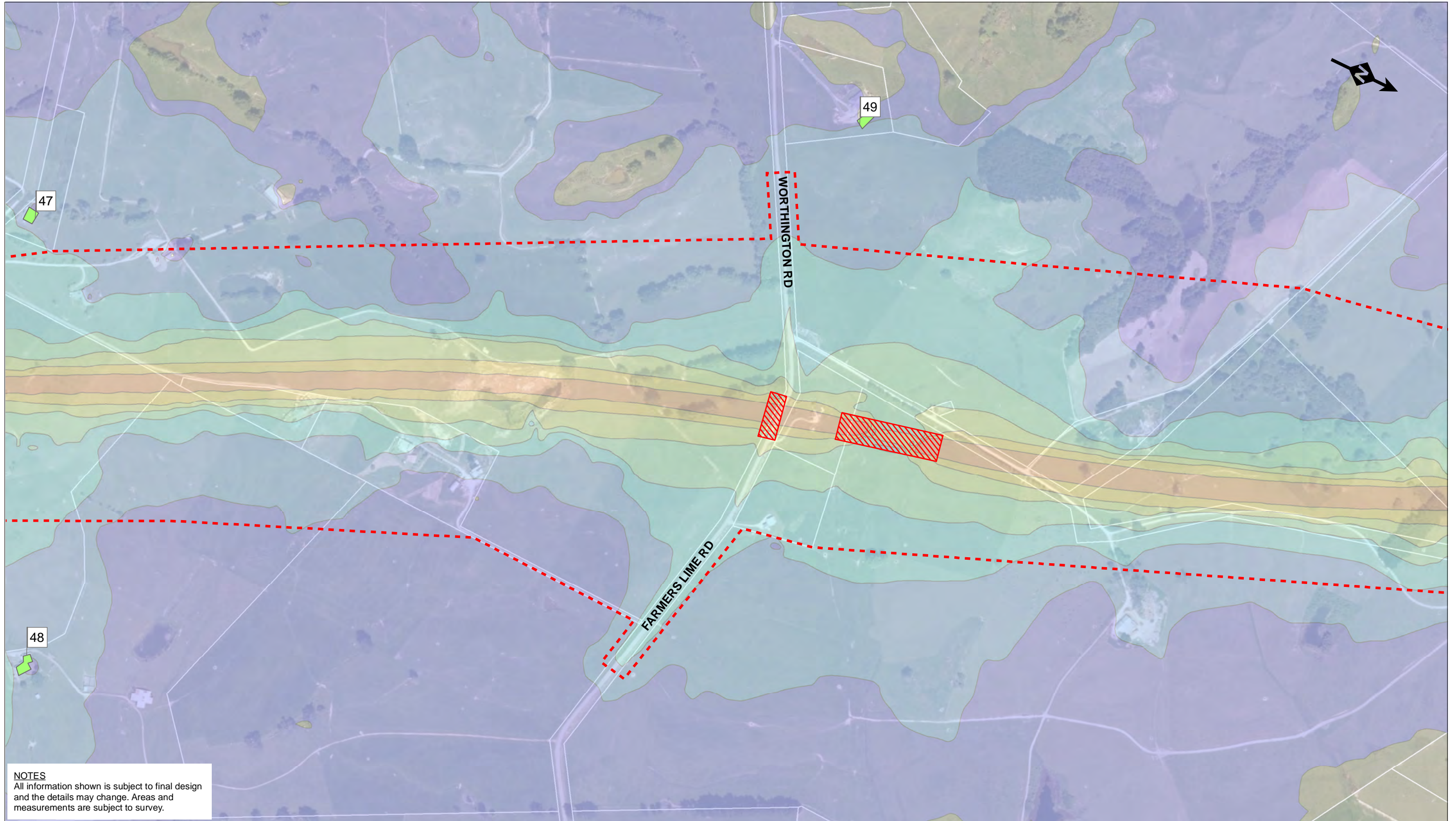
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No	Revision	Drawn	Checked	Approved	Date



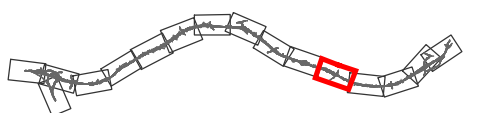
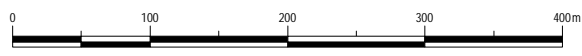
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Approved BN*		Date JULY 2019	
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Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-020
Sheet:	11 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
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- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
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 - 65 - 70
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- Te Araroa Walkway
- Proposed designation boundary
- Indicative Alignment
- Bridge
- 01 PPF Assessed

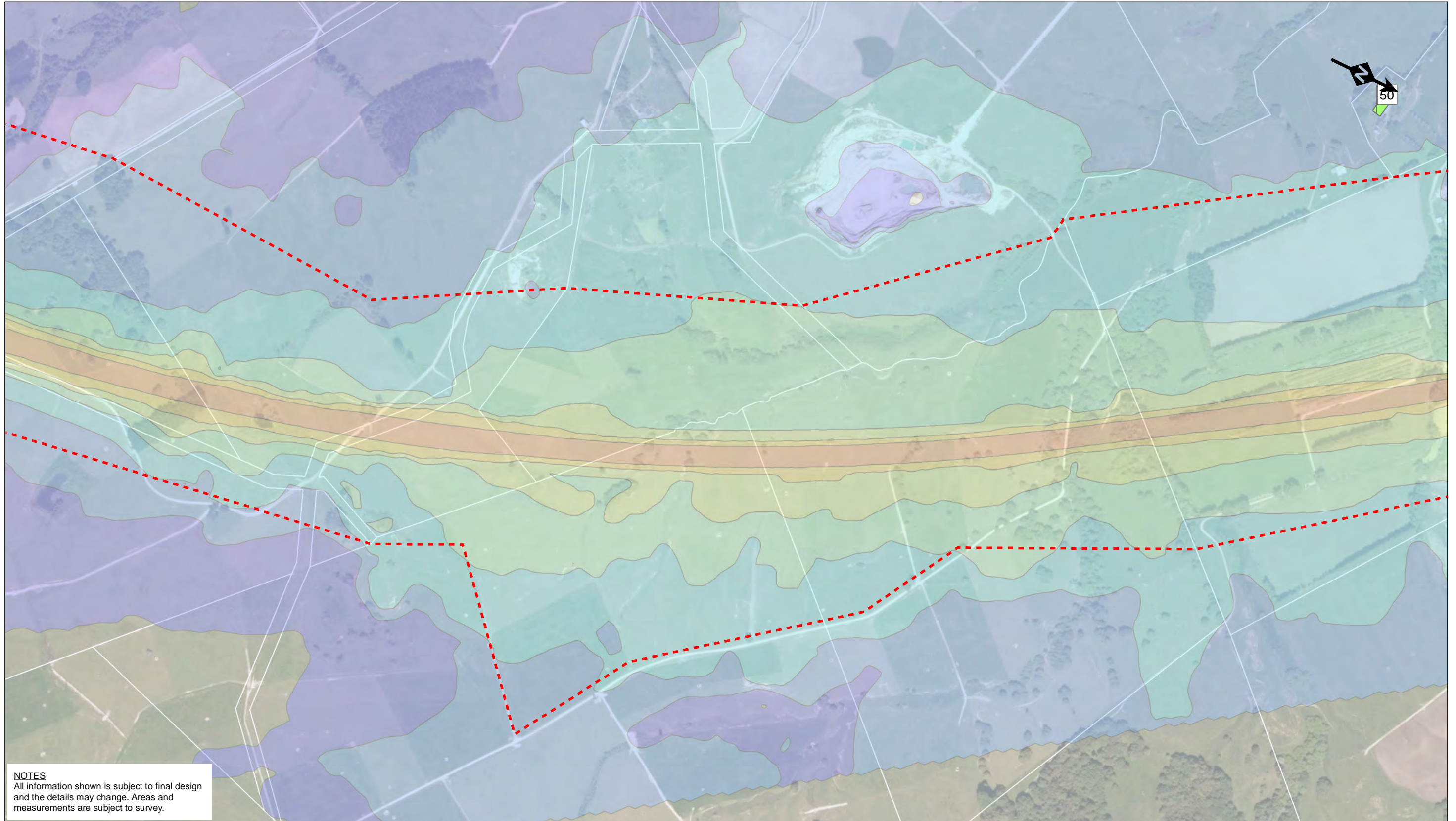
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No	Revision	Drawn	Checked	Approved	Date



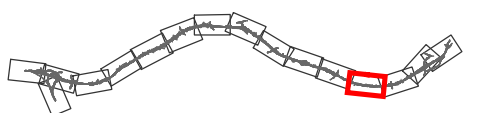
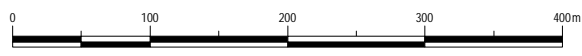
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Approved BN*		Date JULY 2019	
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Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-021
Sheet:	12 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
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 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
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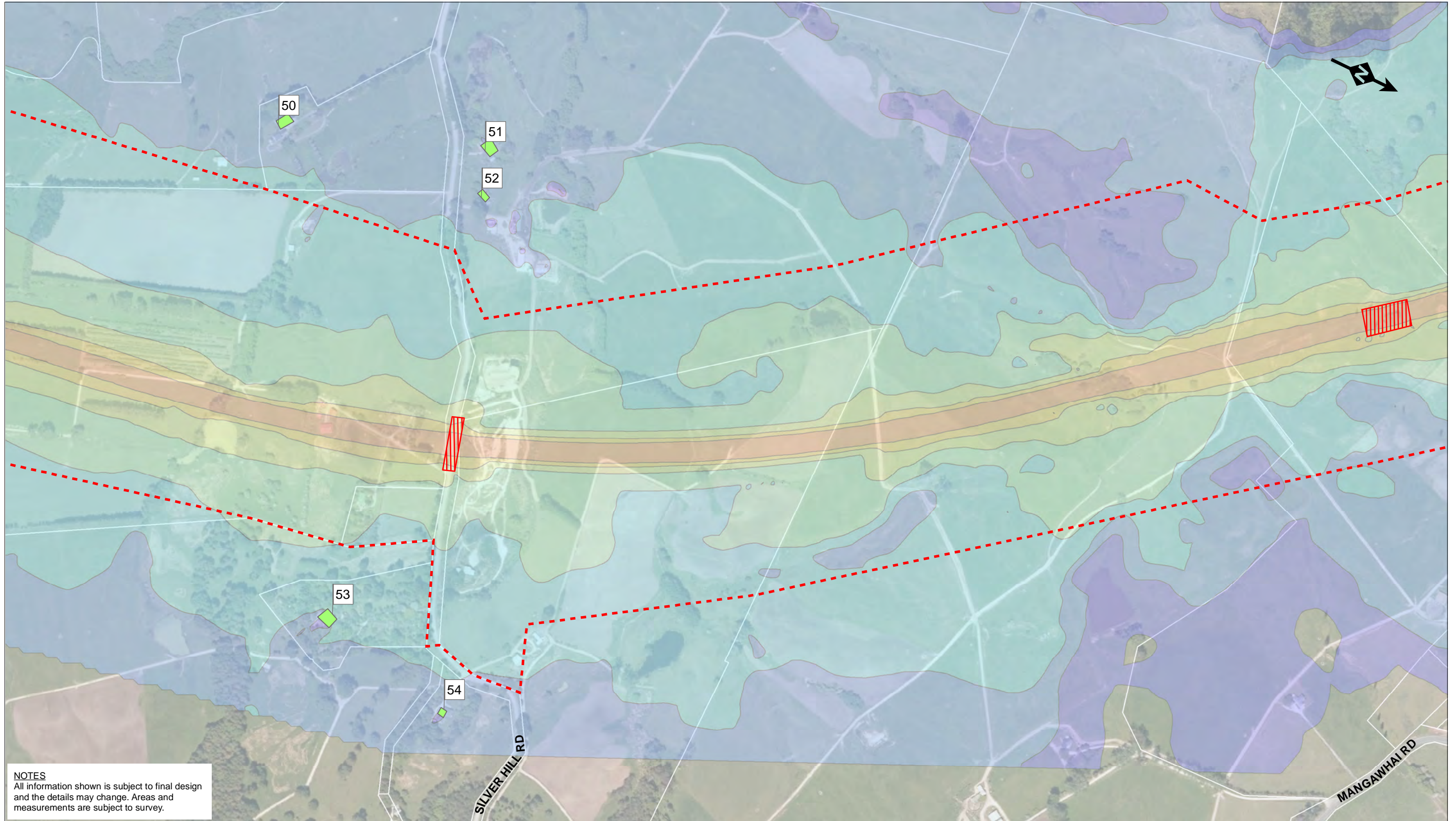
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No	Revision	Drawn	Checked	Approved	Date



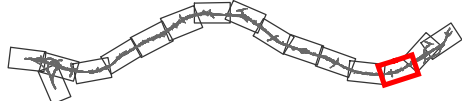
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FOR RMA APPROVALS			
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Designed	JN*	Design Check	SC*
Approved	BN*		
Scale	NTS		
Date			JULY 2019
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Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-022
Sheet:	13 OF 16	Rev:	0



NOTES
 All information shown is subject to final design and the details may change. Areas and measurements are subject to survey.



LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
 - 50 - 55
 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- 01 PPF Assessed

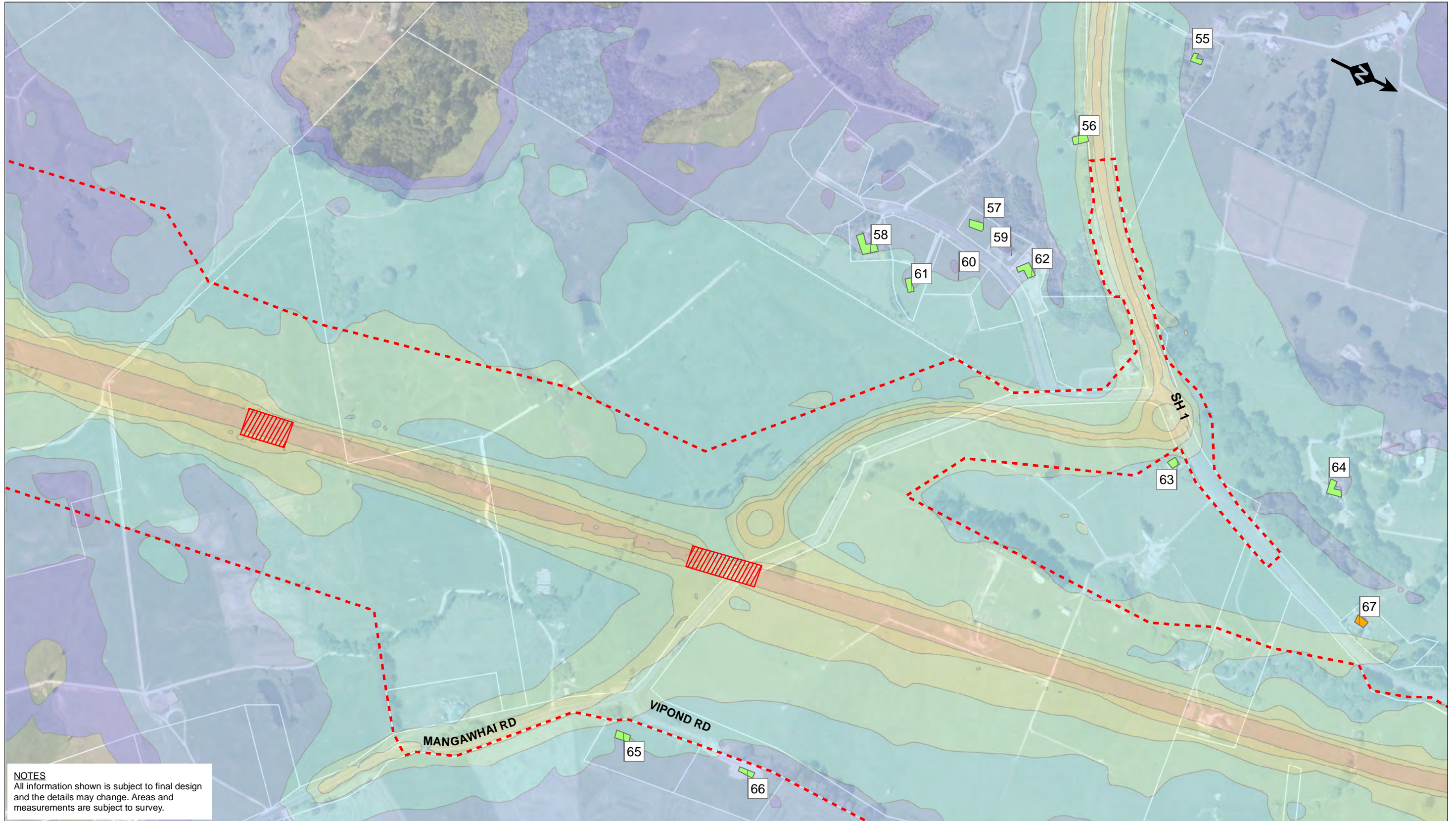
0	ISSUED FOR RMA APPROVALS	NR	JB*	BN*	07/19
No	Revision	Drawn	Checked	Approved	Date



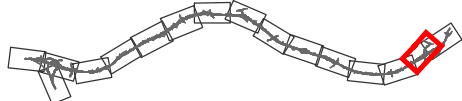
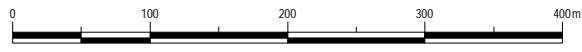
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FOR RMA APPROVALS			
Drawn NR	Drafting Check JB*	Designed JN*	Design Check SC*
Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-023
Sheet:	14 OF 16	Rev:	0



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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
 - 50 - 55
 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

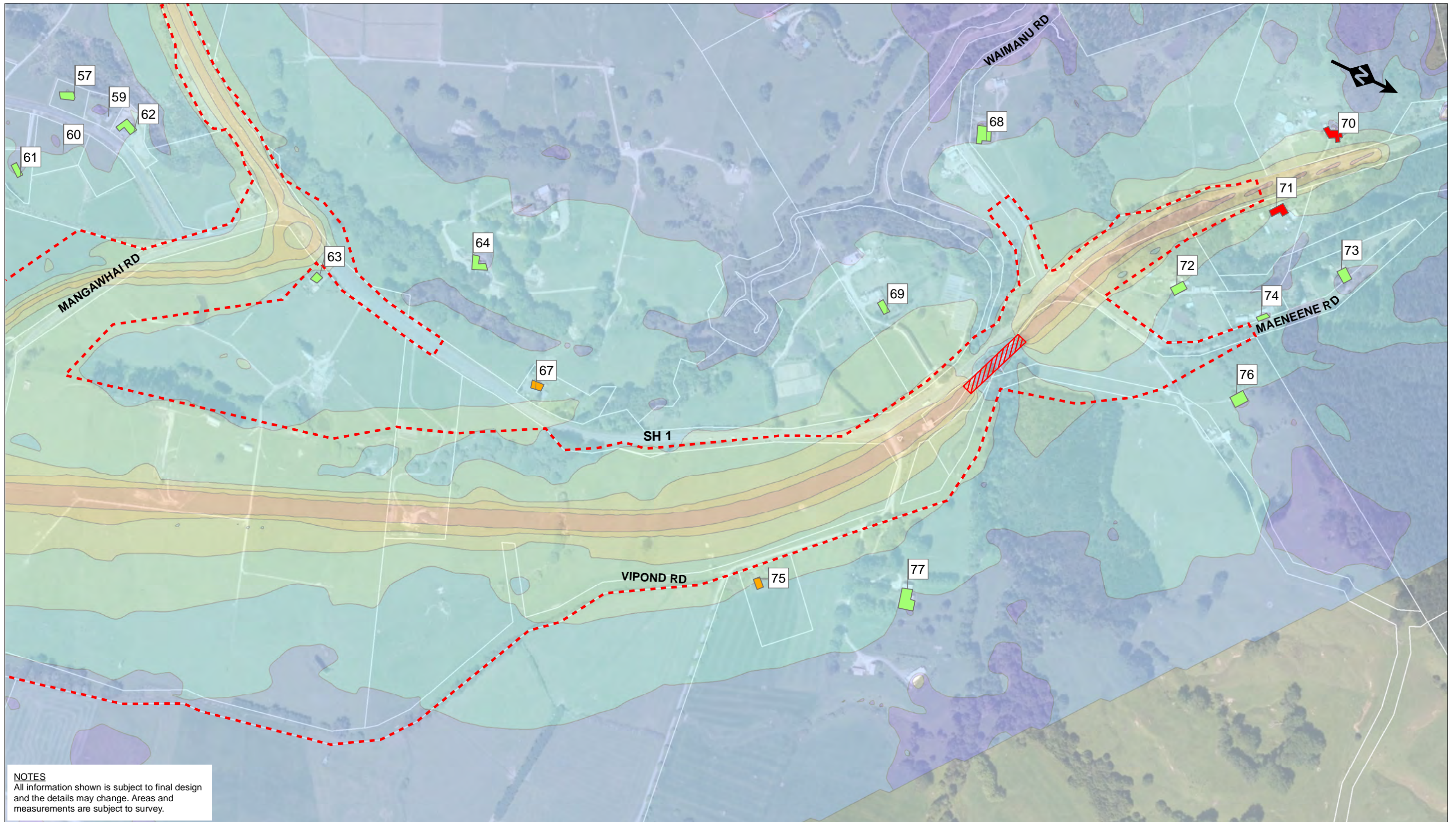
0	ISSUED FOR RMA APPROVALS	NR	JB*	BN*	07/19
No	Revision	Drawn	Checked	Approved	Date



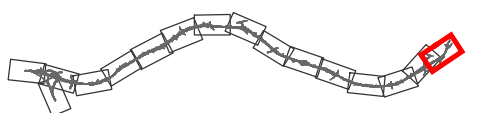
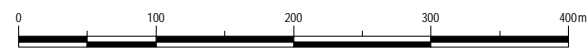
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FOR RMA APPROVALS			
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Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-024
Sheet:	15 OF 16	Rev:	0



NOTES
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LEGEND

- NZS 6806 PPFs**
- Non PPF structure
 - Category A
 - Category B
 - Category C

- Predicted Traffic Noise Level (dB_{Aeq(24hr)})**
- 40.00
 - 40 - 45
 - 45 - 50
 - 50 - 55
 - 55 - 60
 - 60 - 65
 - 65 - 70
 - 70 - 75

- Te Araroa Walkway
- Indicative Alignment
- Proposed designation boundary
- Bridge
- PPF Assessed

0	ISSUED FOR RMA APPROVALS	NR	JB*	BN*	07/19
No	Revision	Drawn	Checked	Approved	Date



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FOR RMA APPROVALS			
Drawn NR	Drafting Check JB*	Designed JN*	Design Check SC*
Approved BN*		Date JULY 2019	
Scale NTS	This Drawing must not be used for Construction unless signed as Approved		Original Size A3

Project	WARKWORTH TO WELLSFORD PROJECT		
Title	OPERATIONAL NOISE ASSESSMENT NOISE CONTOUR MAP		
Contract:	PA4156	Drawing No:	ON-025
Sheet:	16 OF 16	Rev:	0