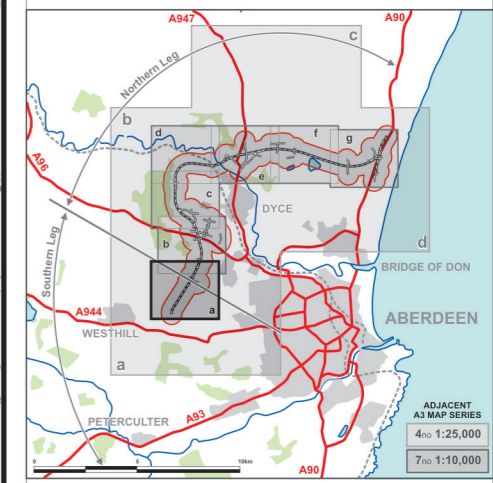
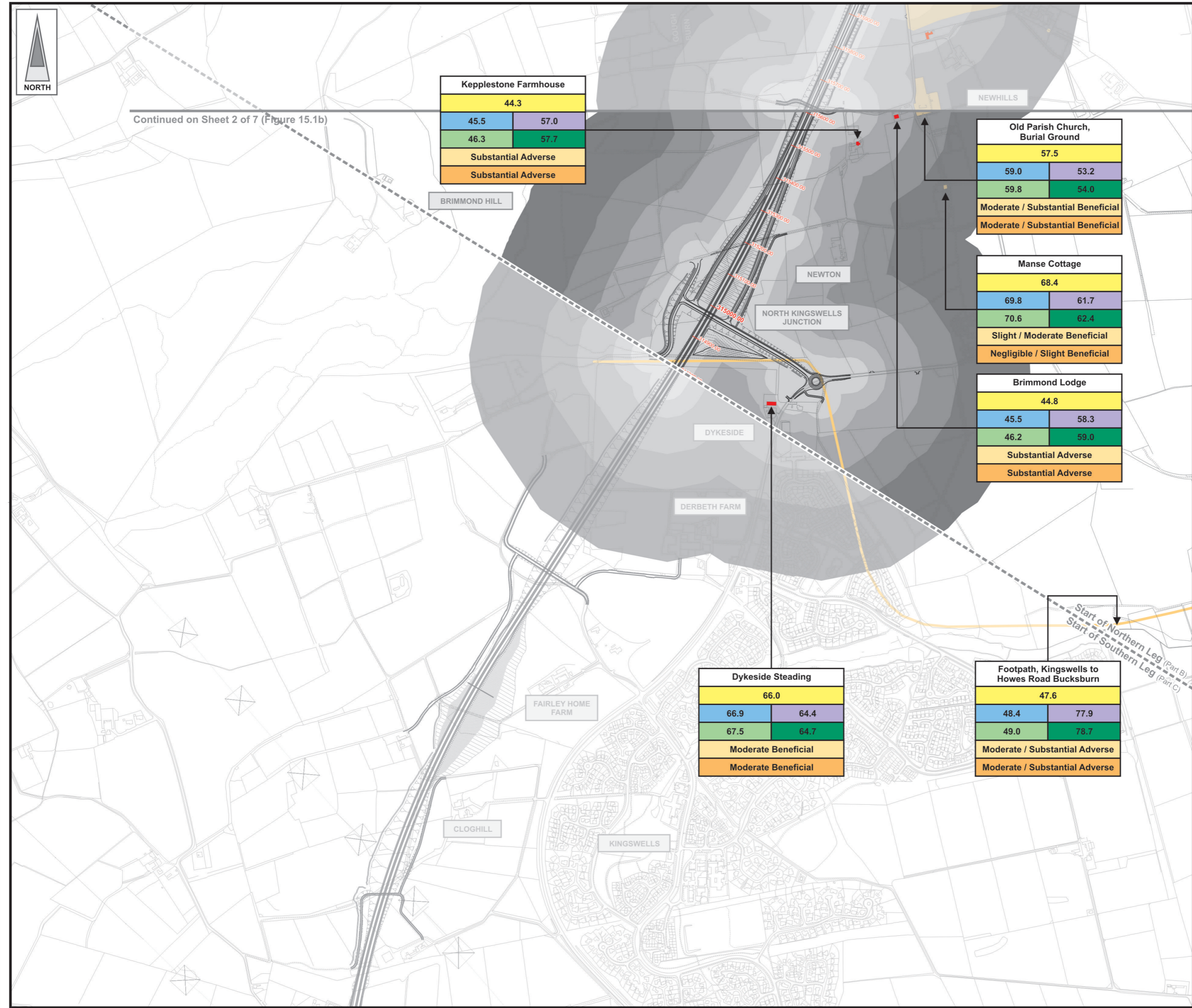


FIGURE 15.1a



**LEGEND**

	Proposed Route (Engineering Profile 04/05/2007)
	0-50m
>50-100m noise contour"/>	>50-100m
>100-200m noise contour"/>	>100-200m
>200-300m noise contour"/>	>200-300m
>300-500m noise contour"/>	>300-500m
	Sample Properties
	Non Residential Receptors

**Location Name**

BASE 2005*	
Do Minimum* Year of Opening	Do Something Year of Opening
Do Minimum Design Year*	Do Something Design Year
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

\*Where a property is outside 300m of an existing road the  $L_{A90,7}$  dB has been used as a proxy for the existing noise level.

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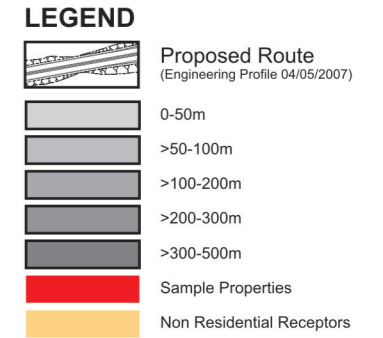
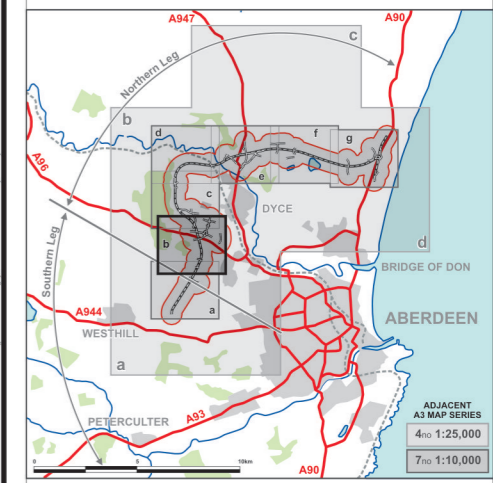
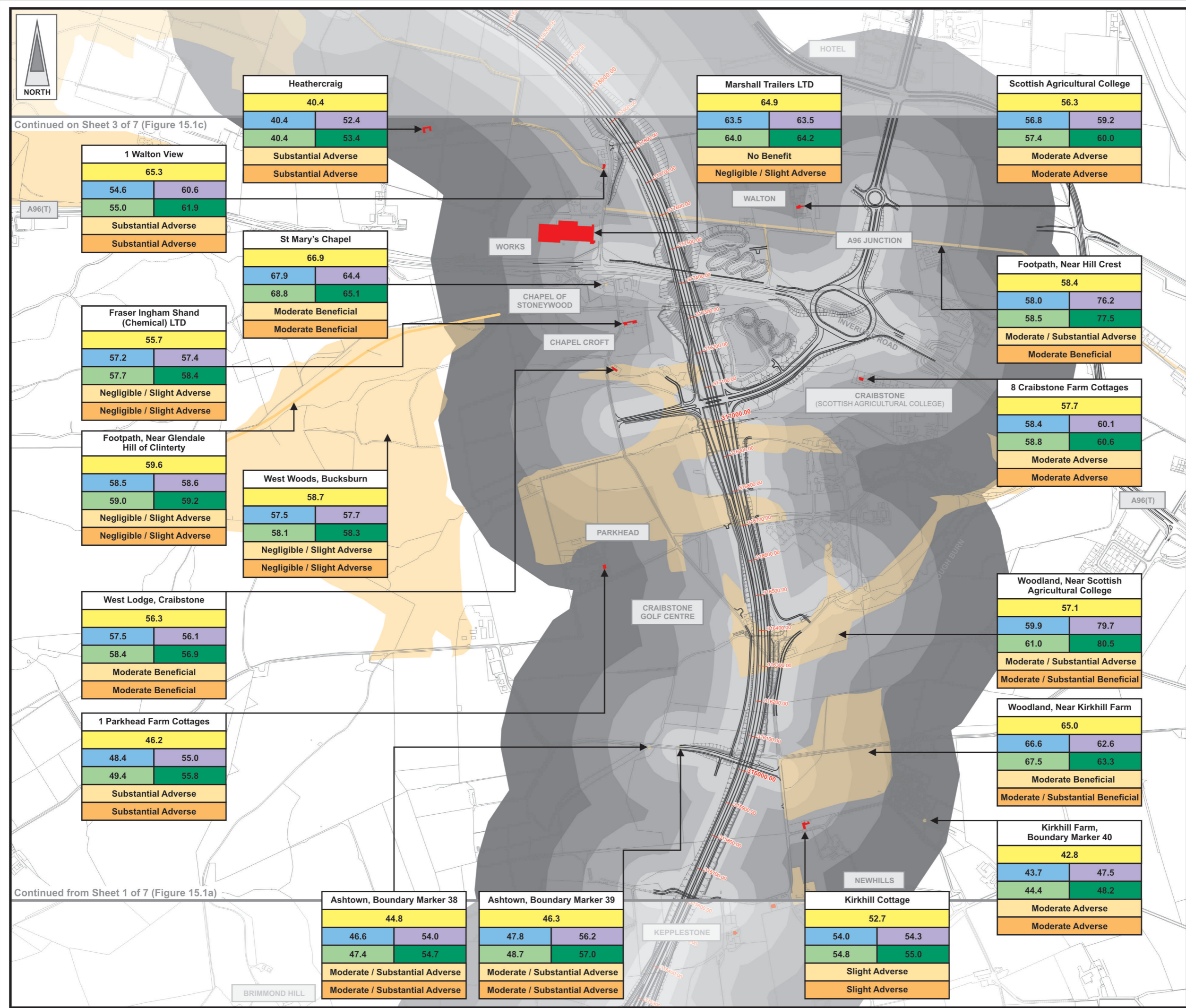
Client		
Project	Aberdeen Western Peripheral Route Environmental Statement, Part B - Northern Leg	
Title	Predicted $L_{A10(18hours)}$ dB without Mitigation (Receiver Height = 1.5m) Sheet 1 of 7	
Drawing Status	FINAL	
JB No.	0010332	
Figure No.	FIGURE 15.1a	Revisions
Scale	1:10,000	Date July 2007
Drawn	DF	Checked
		Approved
		Signature
		Signature

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FIGURE 15.1b



**Location Name**

BASE 2005*	
Do Minimum* Year of Opening	Do Something Year of Opening
Do Minimum* Design Year*	Do Something Design Year*
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

\*Where a property is outside 300m of an existing road the  $L_{A90,7}$  dB has been used as a proxy for the existing noise level.

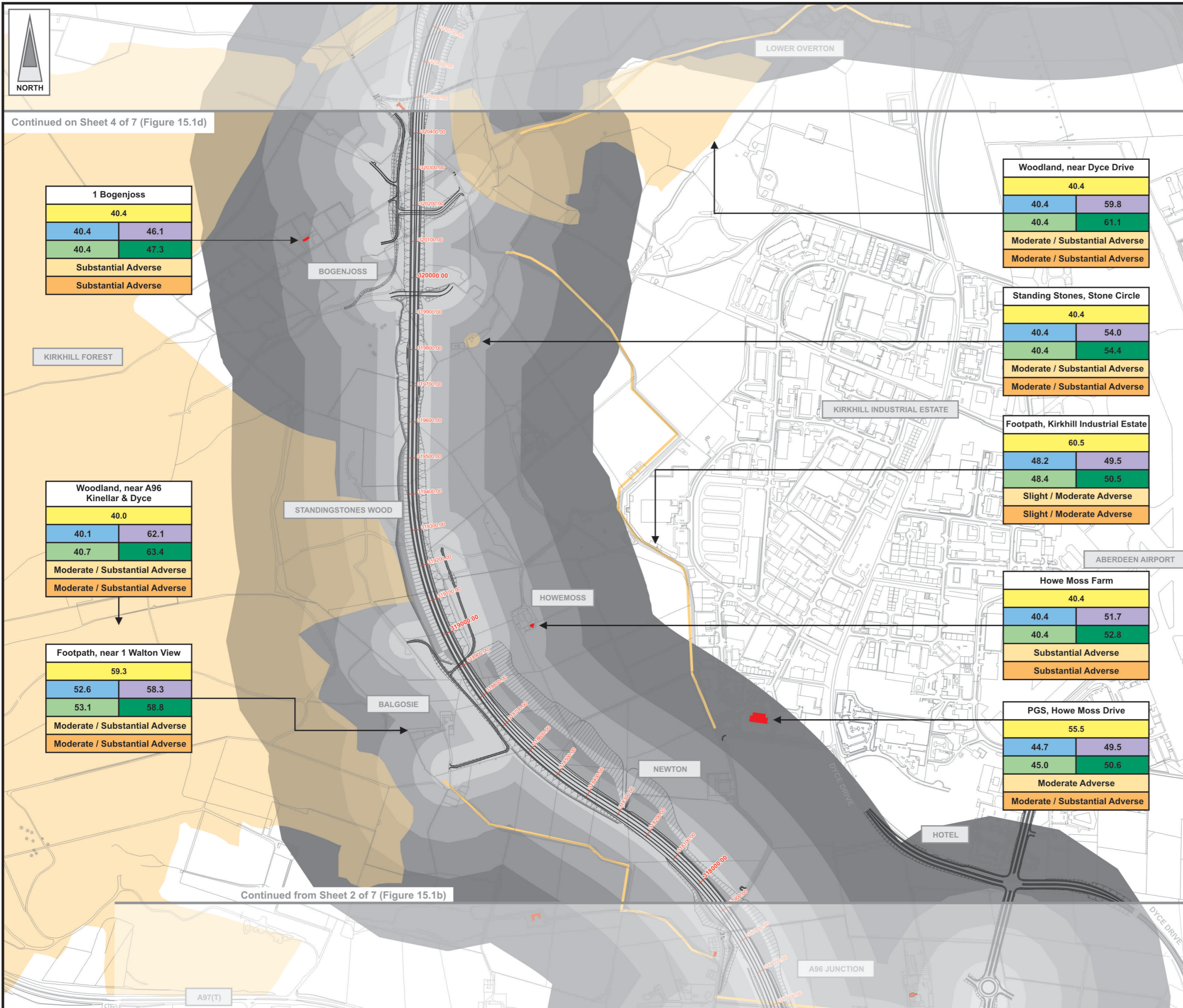
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Title	Predicted $L_{A10(18hours)}$ dB without Mitigation (Receiver Height = 1.5m) Sheet 2 of 7	
Drawing Status	FINAL	
JB No.	0010332	
Figure No.	FIGURE 15.1b	Revisions
Scale	1:10,000	Date July 2007
Drawn	DF	Checked BMcK
		Approved SH



FIGURE 15.1c



Continued on Sheet 4 of 7 (Figure 15.1d)

Continued from Sheet 2 of 7 (Figure 15.1b)

1 Bogenjoss	
40.4	
40.4	46.1
40.4	47.3
Substantial Adverse	
Substantial Adverse	

Woodland, near A96 Kinellar & Dyce	
40.0	
40.1	62.1
40.7	63.4
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

Footpath, near 1 Walton View	
59.3	
52.6	58.3
53.1	58.8
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

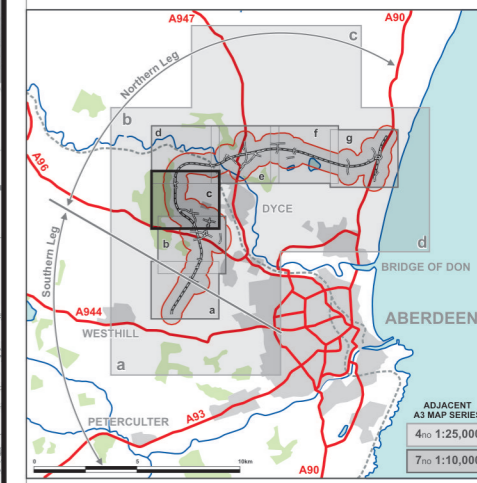
Woodland, near Dyce Drive	
40.4	
40.4	59.8
40.4	61.1
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

Standing Stones, Stone Circle	
40.4	
40.4	54.0
40.4	54.4
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

Footpath, Kirkhill Industrial Estate	
60.5	
48.2	49.5
48.4	50.5
Slight / Moderate Adverse	
Slight / Moderate Adverse	

Howe Moss Farm	
40.4	
40.4	51.7
40.4	52.8
Substantial Adverse	
Substantial Adverse	

PGS, Howe Moss Drive	
55.5	
44.7	49.5
45.0	50.6
Moderate Adverse	
Moderate / Substantial Adverse	



**LEGEND**

- Proposed Route (Engineering Profile 04/05/2007)
- 0-50m
- >50-100m
- >100-200m
- >200-300m
- >300-500m
- Sample Properties
- Non Residential Receptors

Location Name	
BASE 2005*	
Do Minimum* Year of Opening	Do Something Year of Opening
Do Minimum Design Year*	Do Something Design Year
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

\*Where a property is outside 300m of an existing road the  $L_{A90, T}$  dB has been used as a proxy for the existing noise level.

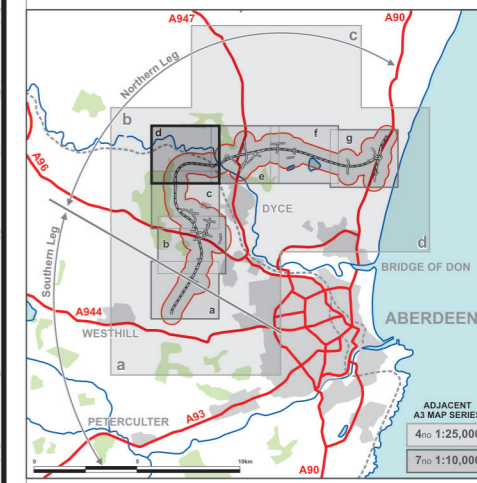
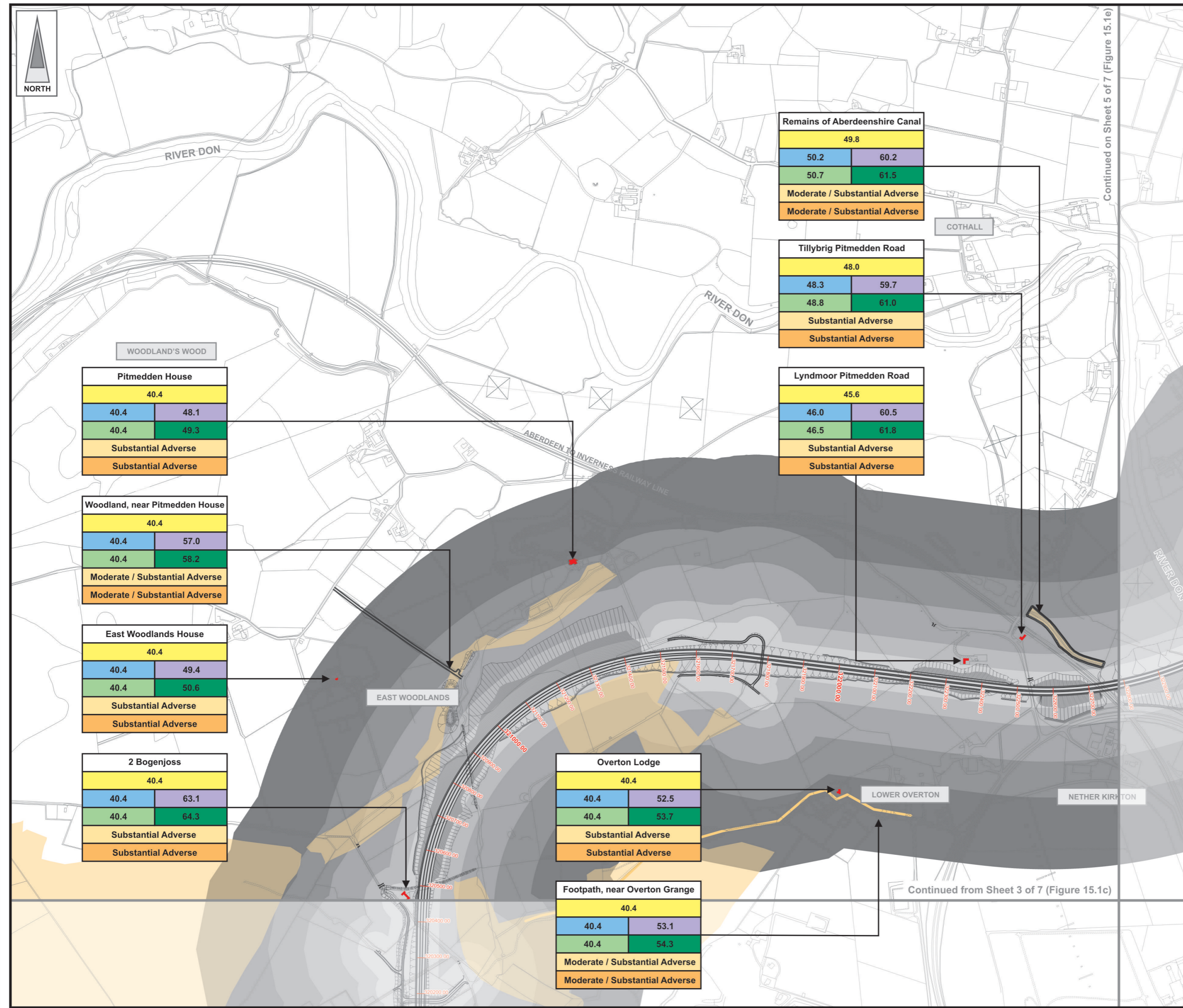
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Title	Predicted $L_{A10(18hours)}$ dB without Mitigation (Receiver Height = 1.5m) Sheet 3 of 7	
Drawing Status	FINAL	Revisions
JB No.	0010332	
Figure No.	FIGURE 15.1c	
Scale	1:10,000	Date July 2007
Drawn	DF	Checked BMcK
		Approved SH



FIGURE 15.1d



**LEGEND**

Proposed Route (Engineering Profile 04/05/2007)

- 0-50m
- >50-100m
- >100-200m
- >200-300m
- >300-500m
- Sample Properties
- Non Residential Receptors

Location Name	
BASE 2005*	
Do Minimum* Year of Opening	Do Something Year of Opening
Do Minimum* Design Year*	Do Something Design Year*
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

\*Where a property is outside 300m of an existing road the  $L_{A90,7}$  dB has been used as a proxy for the existing noise level.

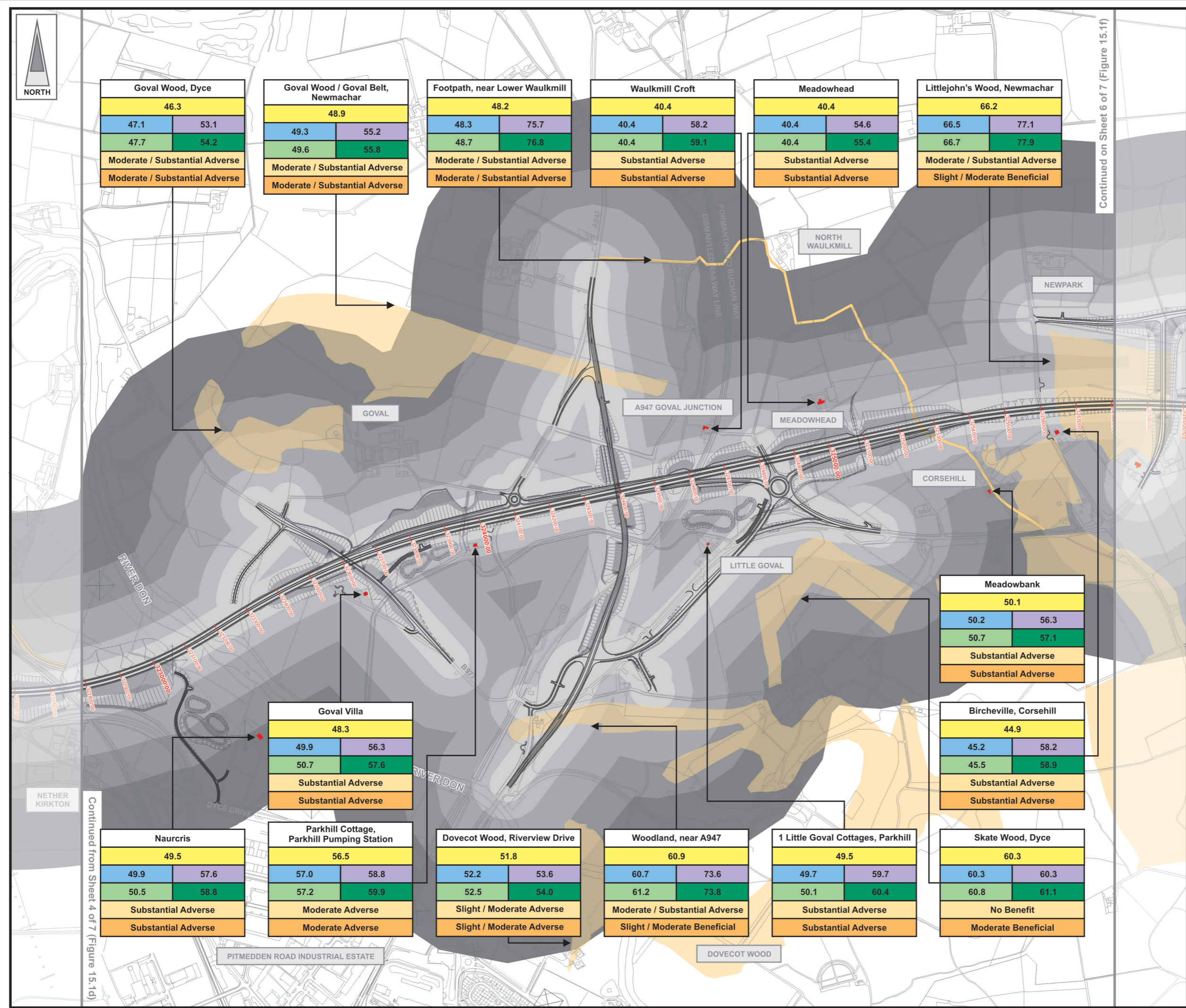
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Title	Predicted $L_{A10(18hours)}$ dB without Mitigation (Receiver Height = 1.5m) Sheet 4 of 7	
Drawing Status	FINAL	
JB No.	0010332	
Figure No.	FIGURE 15.1d	Revisions
Scale	1:10,000	Date July 2007
Drawn	DF	Checked BMcK
		Approved SH



FIGURE 15.1e



Goval Wood, Dyce	
46.3	
47.1	53.1
47.7	54.2
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

Goval Wood / Goval Belt, Newmachar	
48.9	
49.3	55.2
49.6	55.8
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

Footpath, near Lower Waulkmill	
48.2	
48.3	75.7
48.7	76.8
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

Waulkmill Croft	
40.4	
40.4	58.2
40.4	59.1
Substantial Adverse	
Substantial Adverse	

Meadowhead	
40.4	
40.4	54.6
40.4	55.4
Substantial Adverse	
Substantial Adverse	

Littlejohn's Wood, Newmachar	
66.2	
66.5	77.1
66.7	77.9
Moderate / Substantial Adverse	
Slight / Moderate Beneficial	

Meadowbank	
50.1	
50.2	56.3
50.7	57.1
Substantial Adverse	
Substantial Adverse	

Bircheville, Corsehill	
44.9	
45.2	58.2
45.5	58.9
Substantial Adverse	
Substantial Adverse	

Goval Villa	
48.3	
49.9	56.3
50.7	57.6
Substantial Adverse	
Substantial Adverse	

Parkhill Cottage, Parkhill Pumping Station	
56.5	
57.0	58.8
57.2	59.9
Moderate Adverse	
Moderate Adverse	

Dovecot Wood, Riverview Drive	
51.8	
52.2	53.6
52.5	54.0
Slight / Moderate Adverse	
Slight / Moderate Adverse	

Woodland, near A947	
60.9	
60.7	73.6
61.2	73.8
Moderate / Substantial Adverse	
Slight / Moderate Beneficial	

1 Little Goval Cottages, Parkhill	
49.5	
49.7	59.7
50.1	60.4
Substantial Adverse	
Substantial Adverse	

Skate Wood, Dyce	
60.3	
60.3	60.3
60.8	61.1
No Benefit	
Moderate Beneficial	

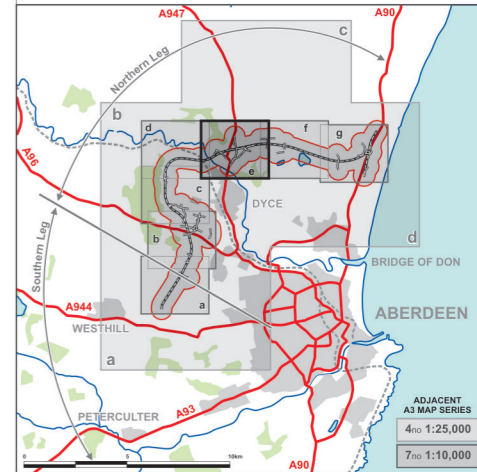
Naurcris	
49.5	
49.9	57.6
50.5	58.8
Substantial Adverse	
Substantial Adverse	

Parkhill Cottage, Parkhill Pumping Station	
56.5	
57.0	58.8
57.2	59.9
Moderate Adverse	
Moderate Adverse	

Dovecot Wood, Riverview Drive	
51.8	
52.2	53.6
52.5	54.0
Slight / Moderate Adverse	
Slight / Moderate Adverse	

Woodland, near A947	
60.9	
60.7	73.6
61.2	73.8
Moderate / Substantial Adverse	
Slight / Moderate Beneficial	

1 Little Goval Cottages, Parkhill	
49.5	
49.7	59.7
50.1	60.4
Substantial Adverse	
Substantial Adverse	



**LEGEND**

Proposed Route (Engineering Profile 04/05/2007)

0-50m  
 >50-100m  
 >100-200m  
 >200-300m  
 >300-500m

Sample Properties

Non Residential Receptors

Location Name	
BASE 2005*	
Do Minimum* Year of Opening	Do Something Year of Opening
Do Minimum Design Year*	Do Something Design Year
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

\*Where a property is outside 300m of an existing road the L<sub>A90,T</sub> dB has been used as a proxy for the existing noise level.

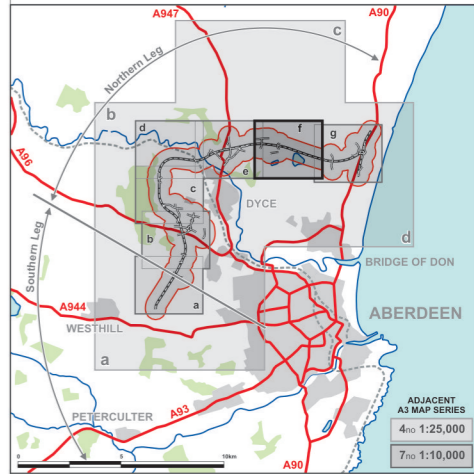
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Project	Aberdeen Western Peripheral Route Environmental Statement, Part B - Northern Leg	
Title	Predicted L <sub>A10(18hours)</sub> dB without Mitigation (Receiver Height = 1.5m) Sheet 5 of 7	
Drawing Status	FINAL	Revisions
JB No.	0010332	Date
Figure No.	FIGURE 15.1e	Approved
Scale	1:10,000	Checked
Drawn	DF	Signature
		Signature



FIGURE 15.1f



LEGEND

- Proposed Route (Engineering Profile 04/05/2007)
- 0-50m
- >50-100m
- >100-200m
- >200-300m
- >300-500m
- Sample Properties
- Non Residential Receptors

Location Name	
BASE 2005*	
Do Minimum* Year of Opening	Do Something Year of Opening
Do Minimum Design Year*	Do Something Design Year
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

\*Where a property is outside 300m of an existing road the  $L_{A90,7}$  dB has been used as a proxy for the existing noise level.

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Project: Aberdeen Western Peripheral Route Environmental Statement, Part B - Northern Leg

Title: Predicted  $L_{A10(18hours)}$  dB without Mitigation (Receiver Height = 1.5m) Sheet 6 of 7

Drawing Status	FINAL	Revisions	
JB No.	0010332	Date	July 2007
Figure No.	FIGURE 15.1f	Checked	BMcK
Scale	1:10,000	Approved	SH
Drawn	DF	signature	signature

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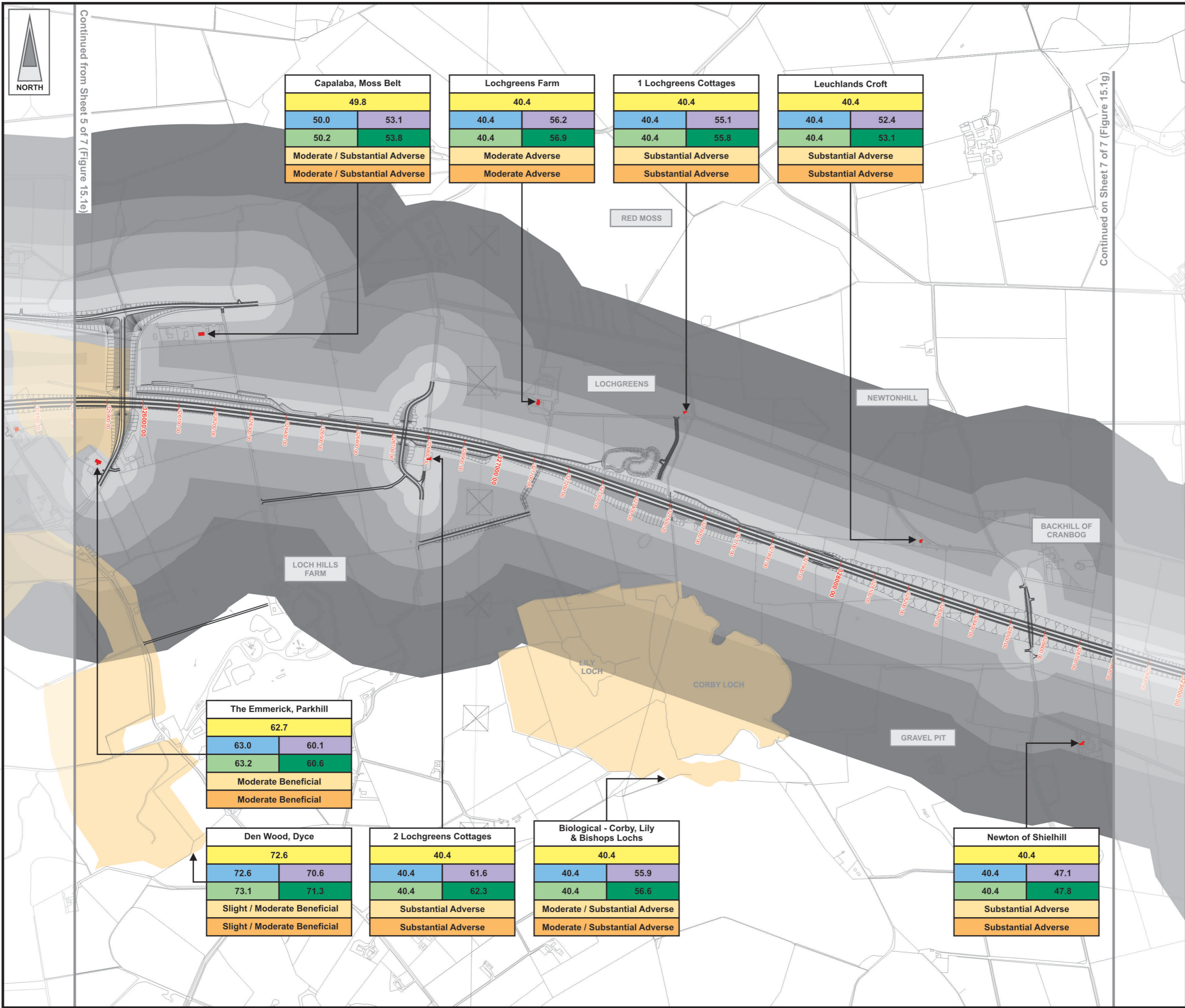
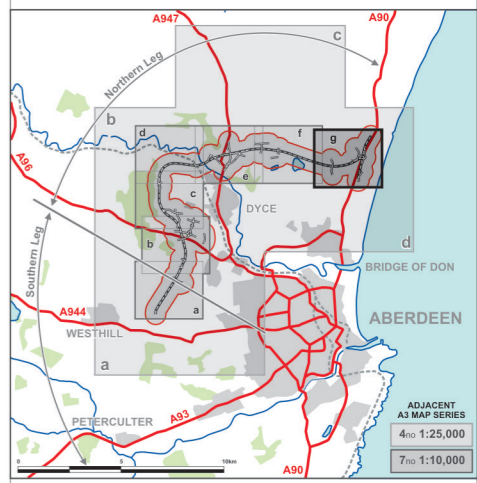




FIGURE 15.1g



**LEGEND**

Proposed Route  
(Engineering Profile 04/05/2007)

0-50m  
>50-100m  
>100-200m  
>200-300m  
>300-500m

Sample Properties

Non Residential Receptors

Location Name	
BASE 2005*	
Do Minimum* Year of Opening	Do Something Year of Opening
Do Minimum Design Year*	Do Something Design Year
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

\*Where a property is outside 300m of an existing road the  $L_{A90, T}$  dB has been used as a proxy for the existing noise level.

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Project **Aberdeen Western Peripheral Route Environmental Statement, Part B - Northern Leg**

Title **Predicted  $L_{A10(18hours)}$  dB without Mitigation (Receiver Height = 1.5m) Sheet 7 of 7**

Drawing Status	FINAL	Revisions	
JB No.	0010332	Date	July 2007
Figure No.	FIGURE 15.1g	Checked	BMcK
Scale	1:10,000	Approved	SH
Drawn	DF	signature	signature

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**Woodland, near Potterton**

40.4	
40.4	45.0
40.4	45.4
Slight / Moderate Adverse	
Slight / Moderate Adverse	

**Middleton Farm Steading East**

40.4	
40.4	57.0
40.4	57.7
Substantial Adverse	
Substantial Adverse	

**Blackdog Heights**

61.0	
61.4	58.9
61.7	59.3
Moderate Beneficial	
Moderate Beneficial	

**3 Strathvie Cottages Hareburn Terrace**

72.0	
72.4	71.4
72.7	71.5
Slight Beneficial	
Moderate Beneficial	

**2 Hareburn Road**

58.3	
58.8	57.0
59.0	57.2
Moderate Beneficial	
Moderate Beneficial	

**Cranfield Lodge**

52.7	
53.3	56.8
53.6	57.2
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

**Harehill Farm**

40.4	
40.4	54.2
40.4	54.5
Moderate Adverse	
Moderate Adverse	



Continued from Sheet 6 of 7 (Figure 15.1f)



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