

FIGURE 15.2a

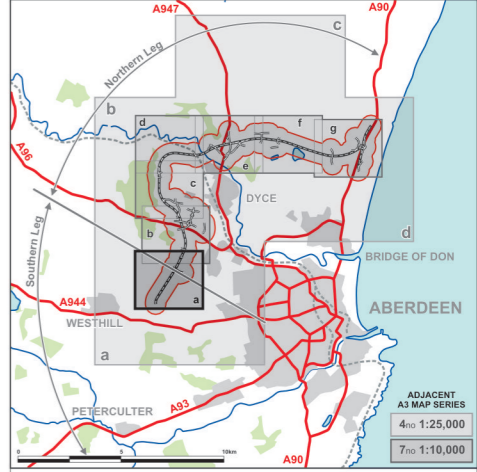


Continued on Sheet 2 of 7 (Figure 15.2b)

Kepplestone Farmhouse	
44.3	
45.5	57.0
46.3	57.7
Substantial Adverse	
Substantial Adverse	

Brimmond Lodge	
44.8	
45.5	58.3
46.2	59.0
Substantial Adverse	
Substantial Adverse	

Dykeside Steading	
66.0	
66.9	64.4
67.5	64.6
Moderate Beneficial	
Moderate Beneficial	



LEGEND

Proposed Route (Engineering Profile 04/05/2007)

0-50m

>50-100m contour symbol"/> >50-100m

>100-200m contour symbol"/> >100-200m

>200-300m contour symbol"/> >200-300m

>300-500m contour symbol"/> >300-500m

Sample Properties

Non Residential Receptors

Additional Mitigation

Noise Barrier

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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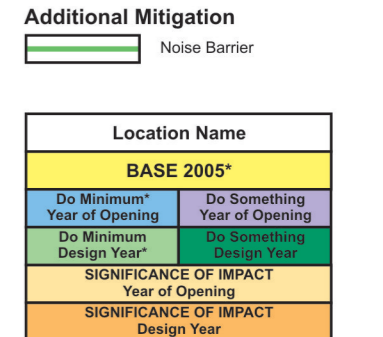
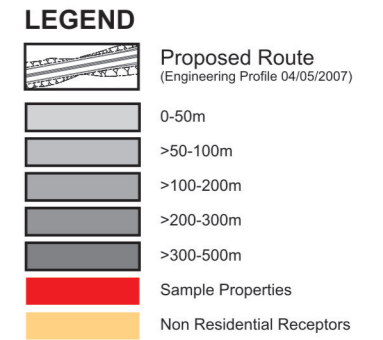
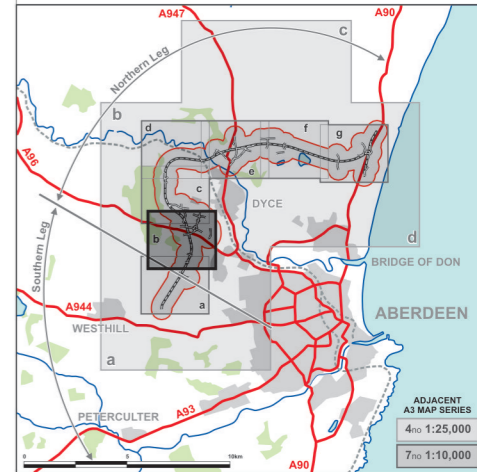
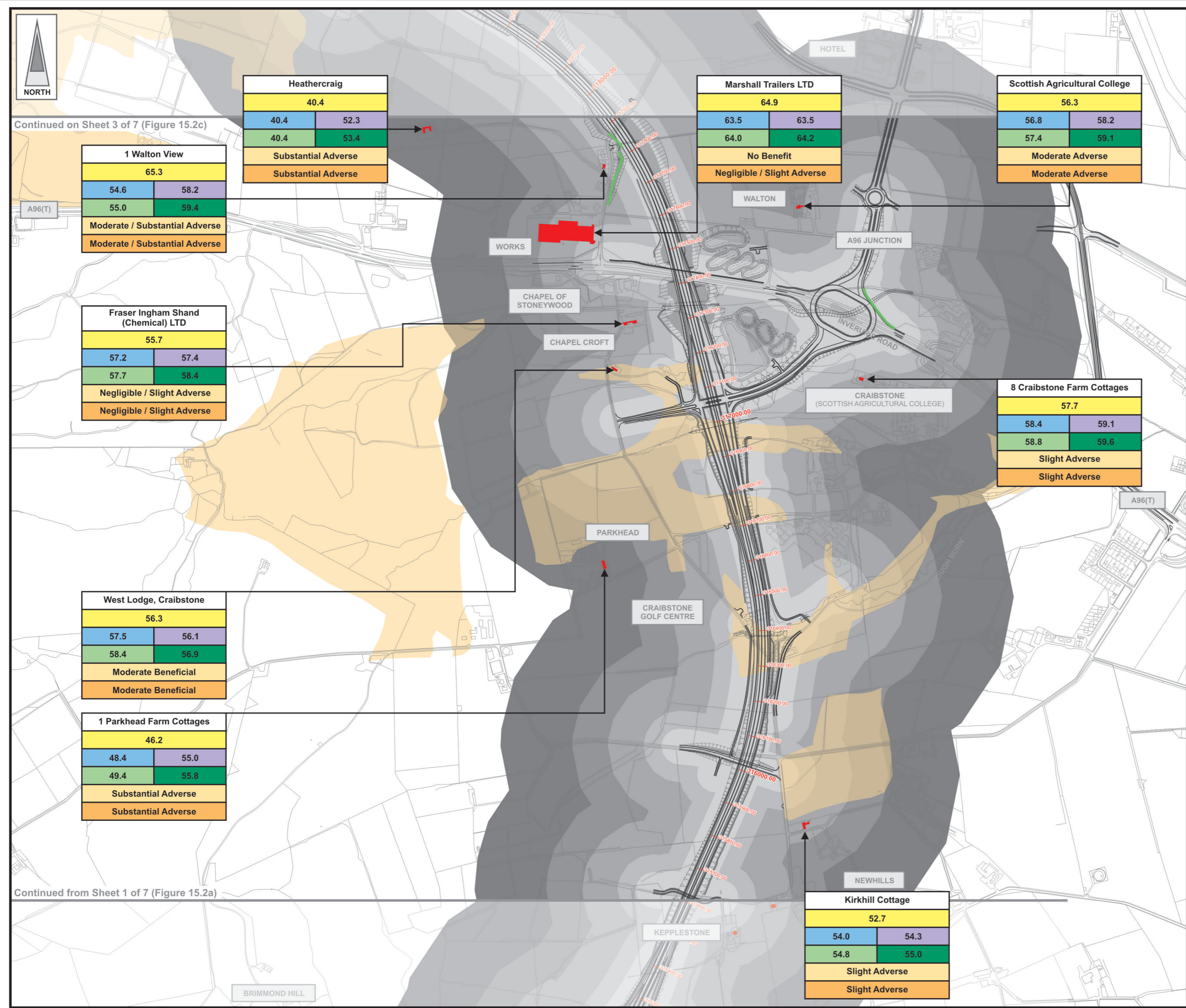
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Client		
Project	Aberdeen Western Peripheral Route Environmental Statement, Part B - Northern Leg	
Title	Predicted $L_{A10(18hours)}$ dB with Mitigation (Receiver Height = 1.5m) Sheet 1 of 7	
Drawing Status	FINAL	Revisions
JB No.	0010332	Date
Figure No.	FIGURE 15.2a	July 2007
Scale	1:10,000	Checked
Drawn	DF	BMcK
		Approved
		SH

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FIGURE 15.2b



*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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Client: Aberdeen Western Peripheral Route

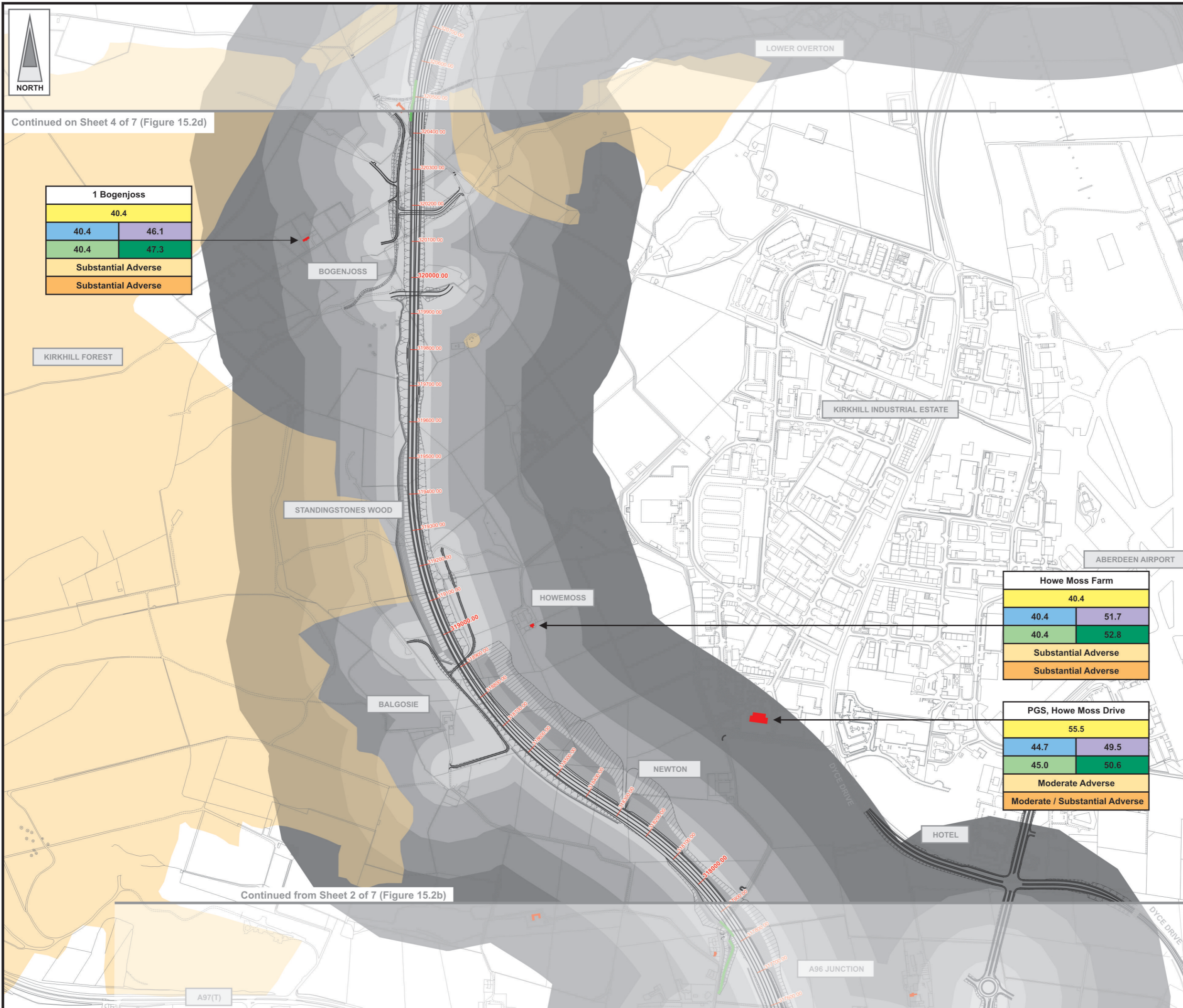
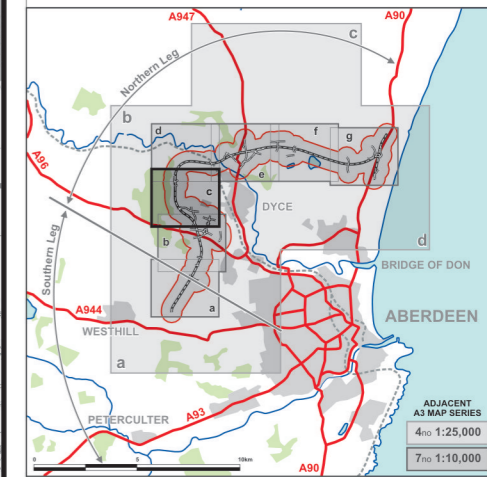
Project: Aberdeen Western Peripheral Route Environmental Statement, Part B - Northern Leg

Title: Predicted L_{A10(18hours)} dB with Mitigation (Receiver Height = 1.5m) Sheet 2 of 7

Drawing Status	FINAL
JB No.	0010332
Figure No.	FIGURE 15.2b
Scale	1:10,000
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Date	July 2007

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FIGURE 15.2c



Continued on Sheet 4 of 7 (Figure 15.2d)

1 Bogenjoss	
40.4	
40.4	46.1
40.4	47.3
Substantial Adverse	
Substantial 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

Additional Mitigation

Noise Barrier

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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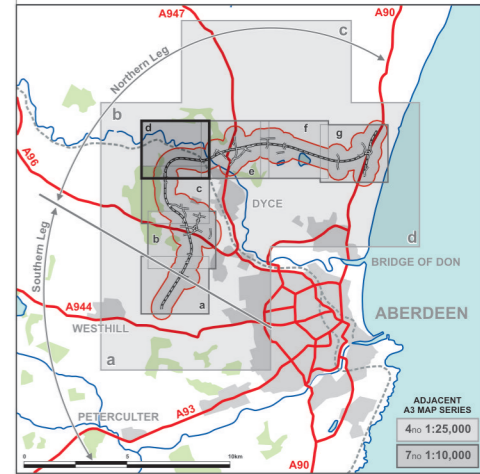
Client **Aberdeen Western Peripheral Route**

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

Title **Predicted L_{A10(18hours)} dB with Mitigation (Receiver Height = 1.5m) Sheet 3 of 7**

Drawing Status	FINAL	Revisions	
JB No.	0010332	Date	July 2007
Figure No.	FIGURE 15.2c	Checked	BMcK
Scale	1:10,000	Approved	SH
Drawn	DF	signature	signature

FIGURE 15.2d



LEGEND

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

- Additional Mitigation
- Noise Barrier

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	

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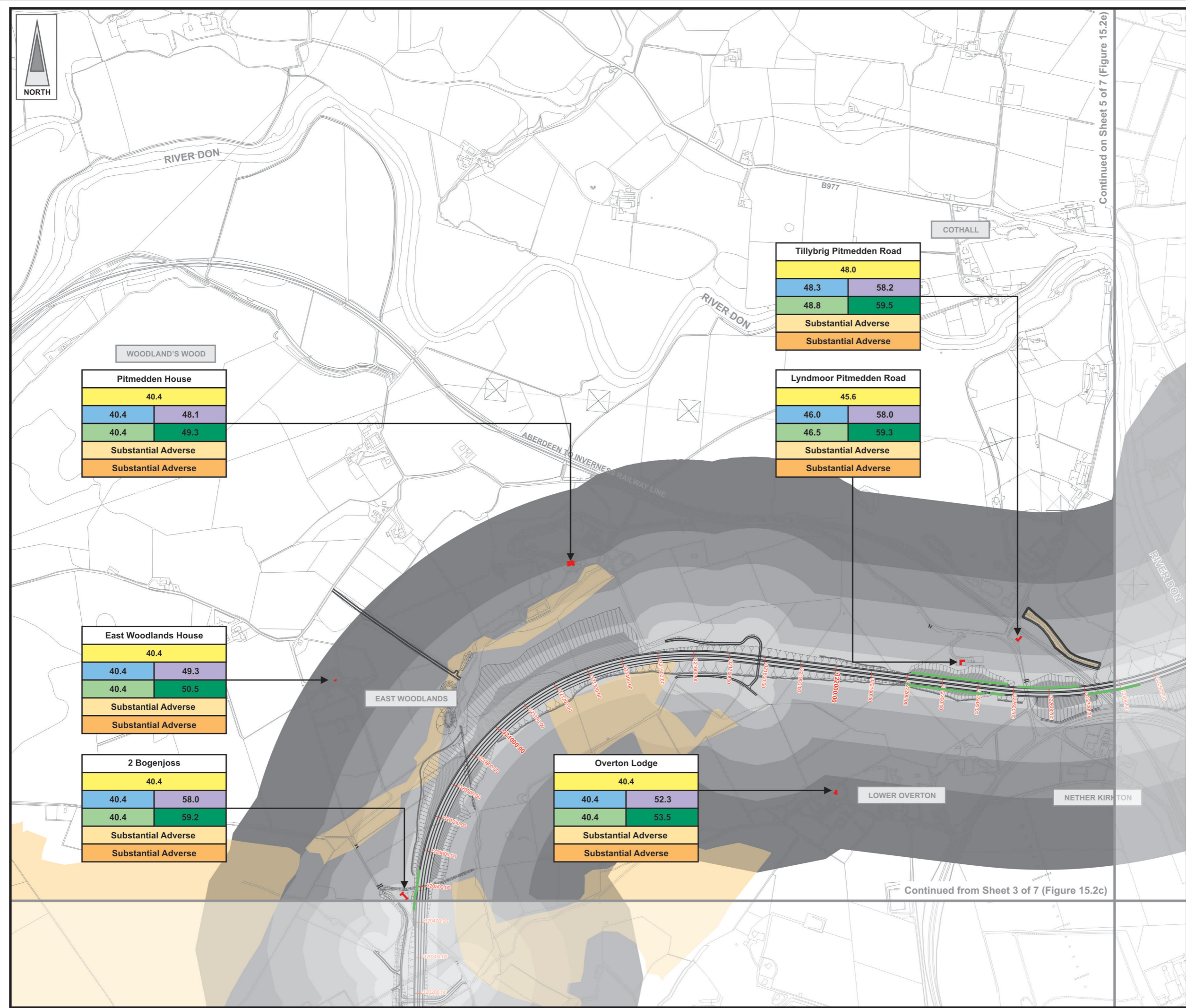
Client **Aberdeen Western Peripheral Route**

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

Title **Predicted L_{A10(18hours)} dB with Mitigation (Receiver Height = 1.5m) Sheet 4 of 7**

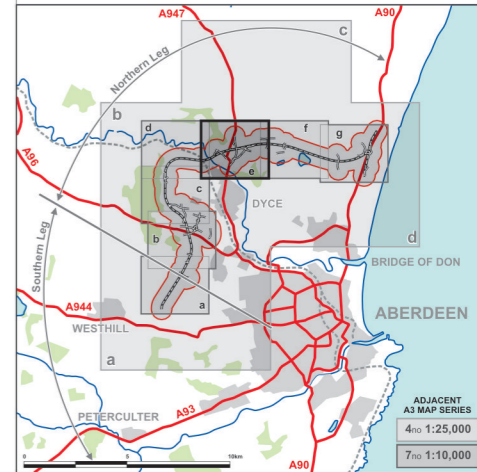
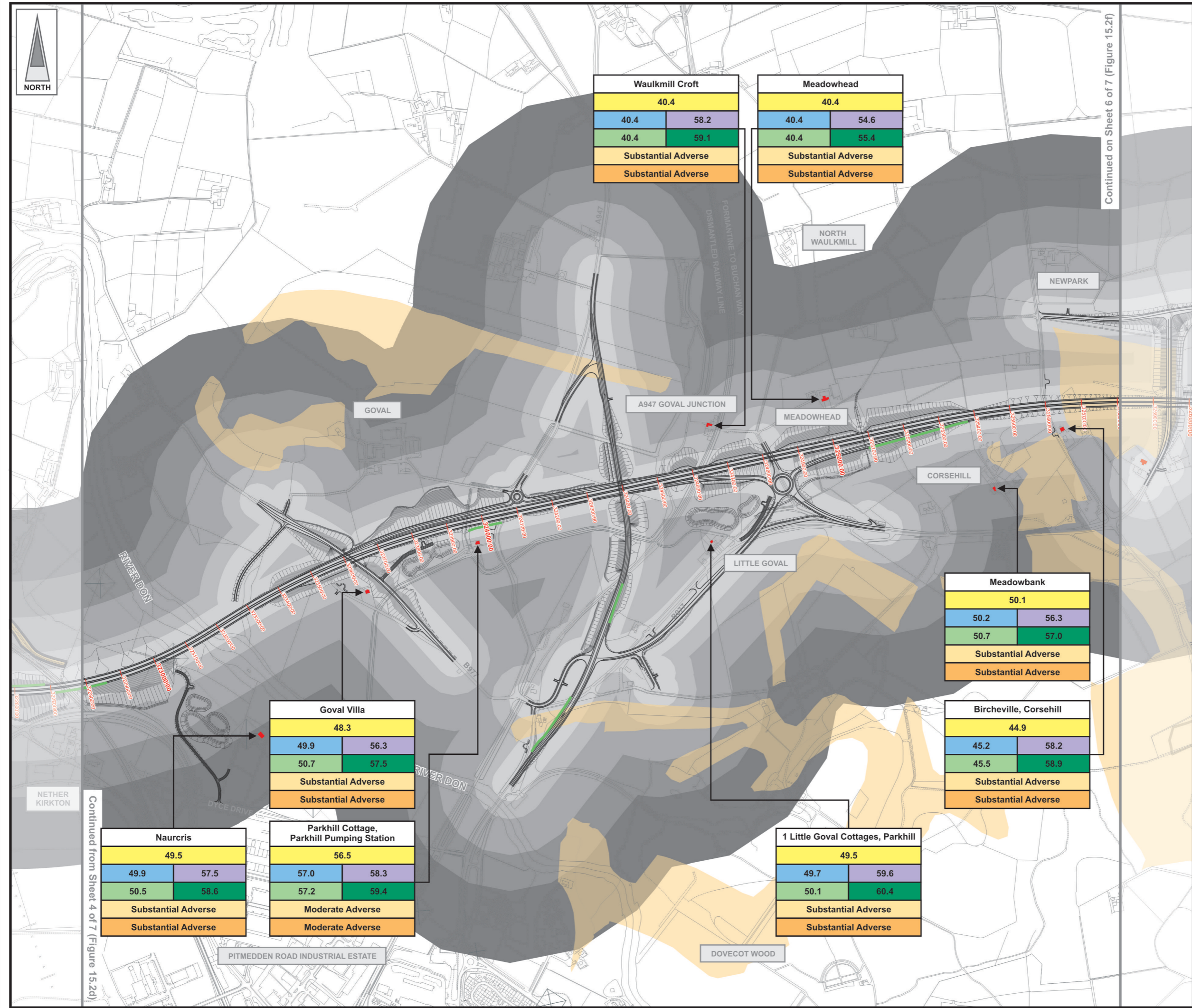
Drawing Status	FINAL	Revisions	
JB No.	0010332	Date	July 2007
Figure No.	FIGURE 15.2d	Checked	BMcK
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FIGURE 15.2e



LEGEND

Proposed Route (Engineering Profile 04/05/2007)

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

Additional Mitigation

- Noise Barrier

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.

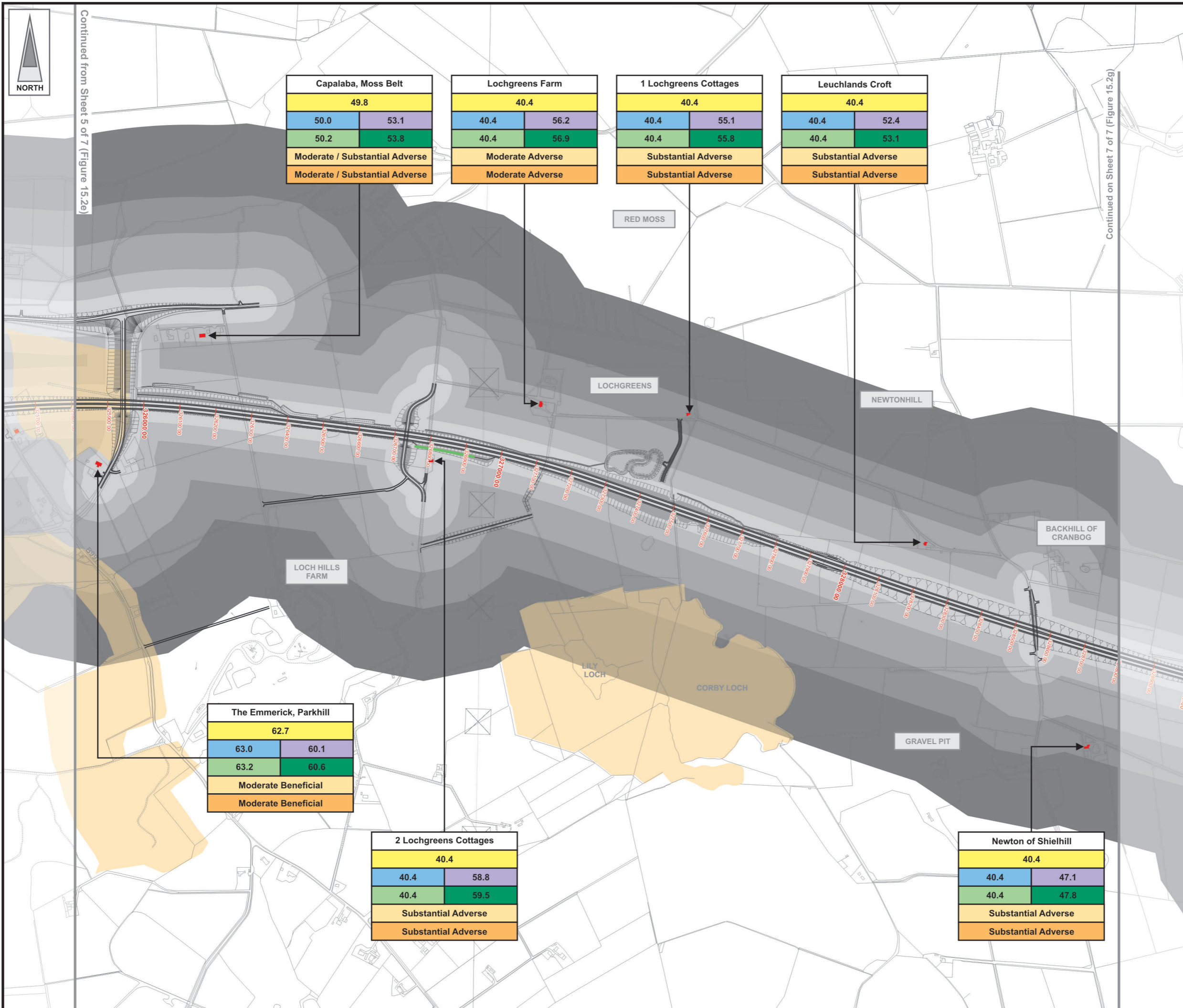
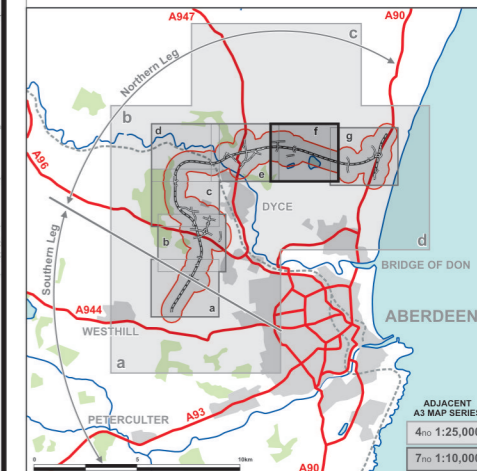
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Title	Predicted L _{A10(18hours)} dB with Mitigation (Receiver Height = 1.5m) Sheet 5 of 7	
Drawing Status	FINAL	
JB No.	0010332	
Figure No.	FIGURE 15.2e	Revisions
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FIGURE 15.2f



Capalaba, Moss Belt	
49.8	
50.0	53.1
50.2	53.8
Moderate / Substantial Adverse	
Moderate / Substantial Adverse	

Lochgreens Farm	
40.4	
40.4	56.2
40.4	56.9
Moderate Adverse	
Moderate Adverse	

1 Lochgreens Cottages	
40.4	
40.4	55.1
40.4	55.8
Substantial Adverse	
Substantial Adverse	

Leuchlands Croft	
40.4	
40.4	52.4
40.4	53.1
Substantial Adverse	
Substantial Adverse	

The Emmerick, Parkhill	
62.7	
63.0	60.1
63.2	60.6
Moderate Beneficial	
Moderate Beneficial	

2 Lochgreens Cottages	
40.4	
40.4	58.8
40.4	59.5
Substantial Adverse	
Substantial Adverse	

Newton of Shielhill	
40.4	
40.4	47.1
40.4	47.8
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

Additional Mitigation

- Noise Barrier

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	

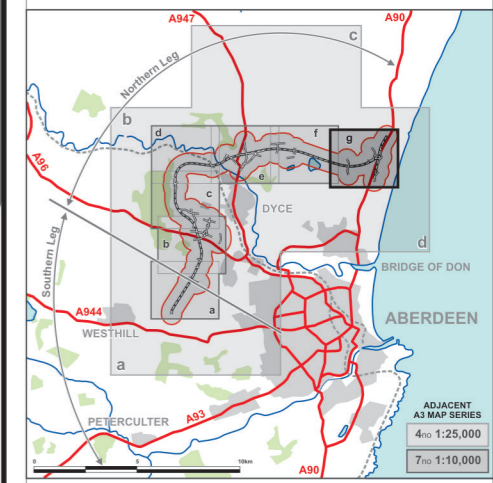
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Title	Predicted L _{A10(18hours)} dB with Mitigation (Receiver Height = 1.5m) Sheet 6 of 7	
Drawing Status	FINAL	
JB No.	0010332	
Figure No.	FIGURE 15.2f	Revisions
Scale	1:10,000	Date July 2007
Drawn	DF	Checked BMcK
		Approved SH

FIGURE 15.2g



LEGEND

Proposed Route (Engineering Profile 04/05/2007)

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

Additional Mitigation

Noise Barrier

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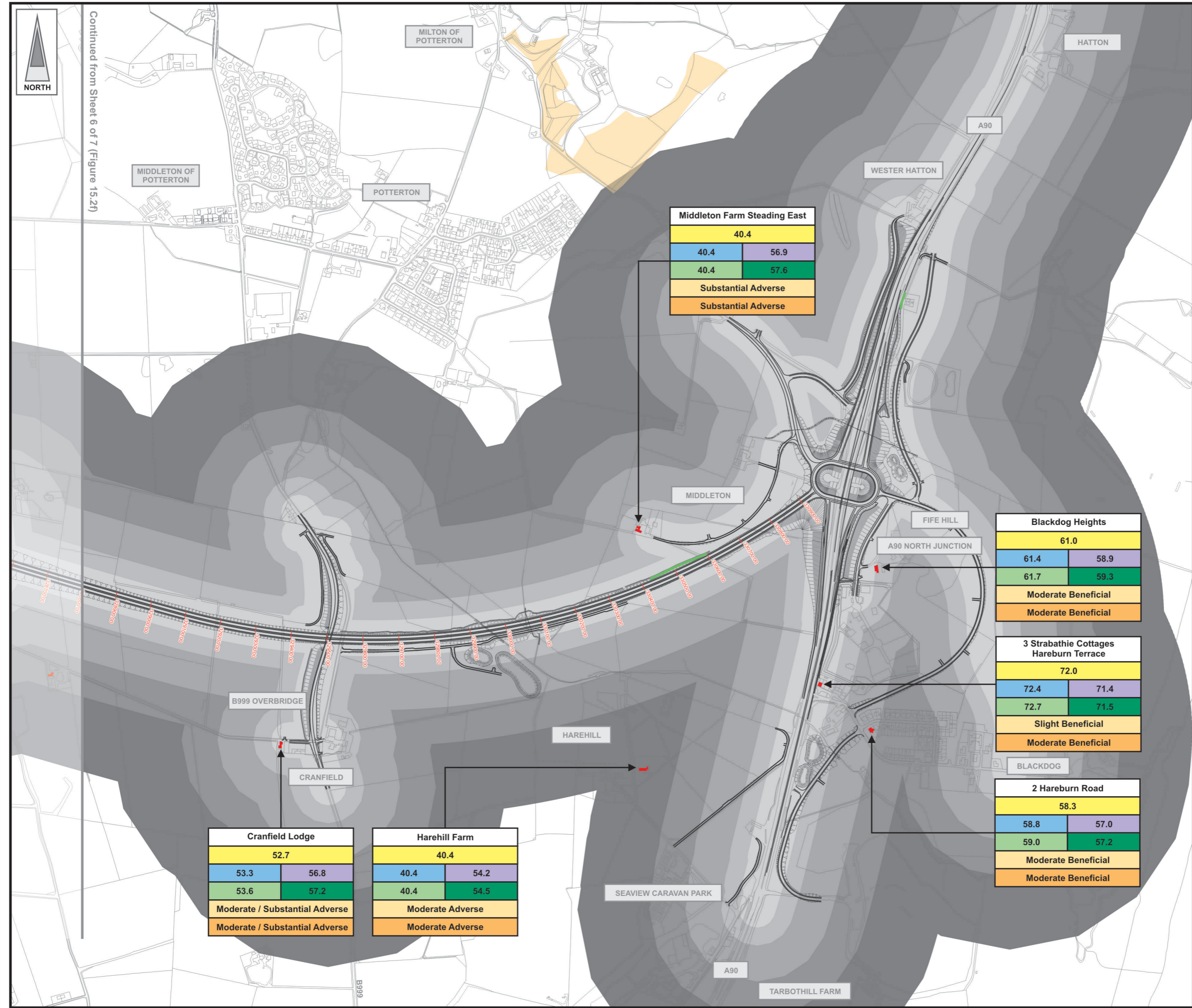
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Project: **Aberdeen Western Peripheral Route Environmental Statement, Part B - Northern Leg**

Title: **Predicted L_{A10(18hours)} dB with Mitigation (Receiver Height = 1.5m) Sheet 7 of 7**

Drawing Status	FINAL	Revisions	
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Figure No.	FIGURE 15.2g	Checked	BMcK
Scale	1:10,000	Approved	SH
Drawn	DF	signature	signature

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Mittleton Farm Steading East	
40.4	
40.4	56.9
40.4	57.6
Substantial Adverse	
Substantial Adverse	

Blackdog Heights	
61.0	
61.4	58.9
61.7	59.3
Moderate Beneficial	
Moderate Beneficial	

3 Strabathie 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 15.2f)



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