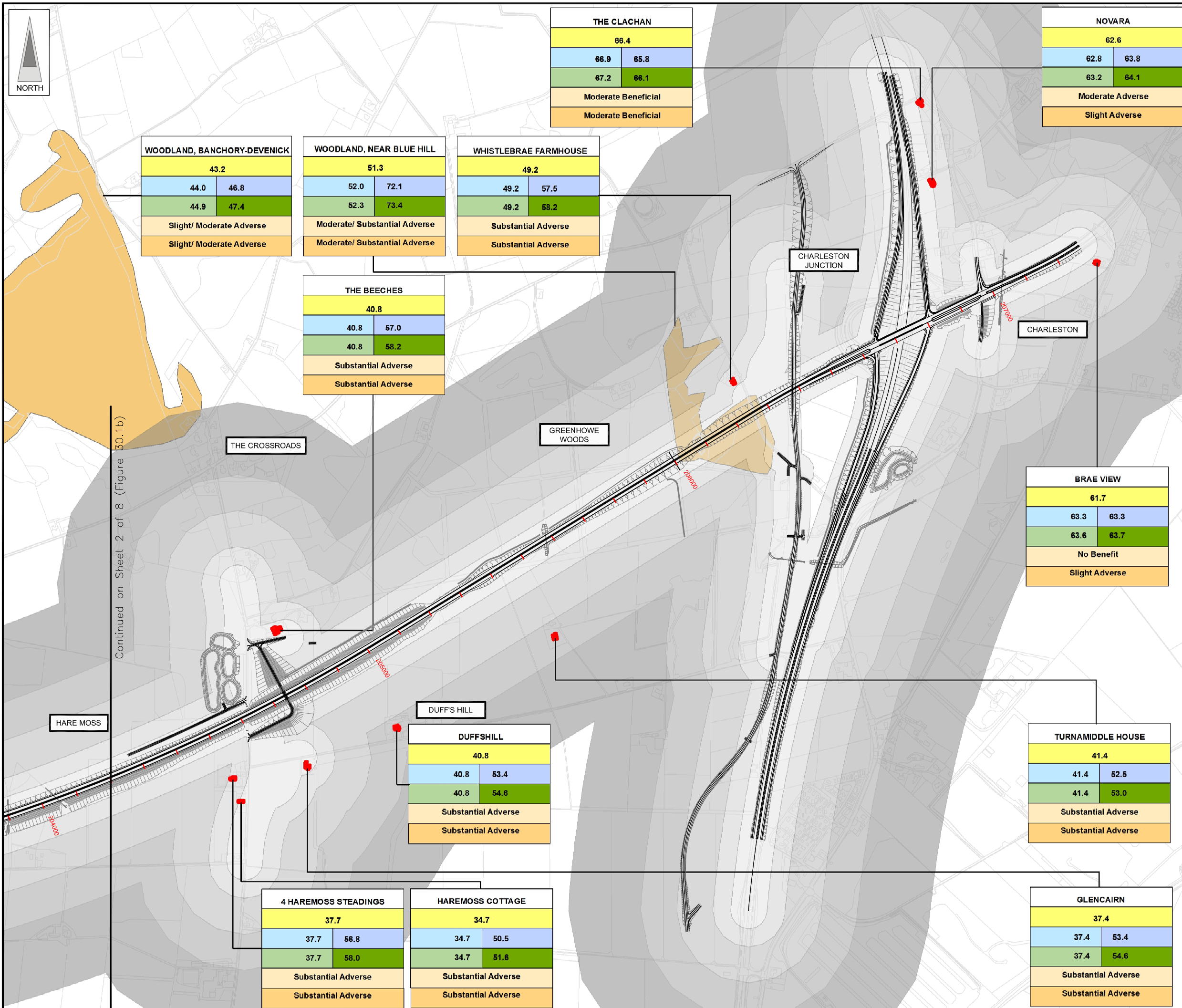
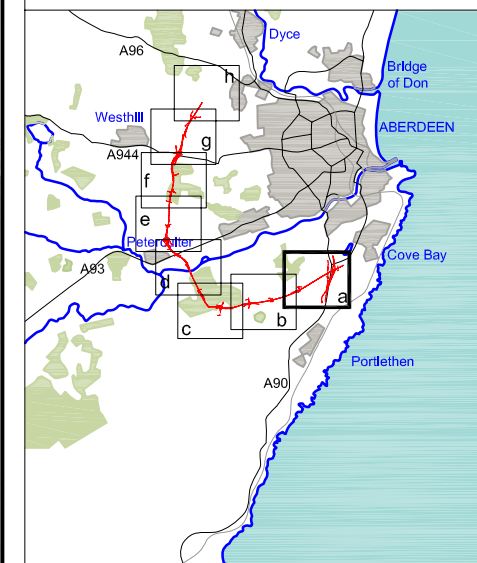


FIGURE 30.1a



THE CLACHAN	
66.4	
66.9	65.8
67.2	66.1
Moderate Beneficial	
Moderate Beneficial	

NOVARA	
62.6	
62.8	63.8
63.2	64.1
Moderate Adverse	
Slight Adverse	

WOODLAND, BANCHORY-DEVENICK	
43.2	
44.0	46.8
44.9	47.4
Slight/ Moderate Adverse	
Slight/ Moderate Adverse	

WOODLAND, NEAR BLUE HILL	
51.3	
52.0	72.1
52.3	73.4
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

WHISTLEBRAE FARMHOUSE	
49.2	
49.2	57.5
49.2	58.2
Substantial Adverse	
Substantial Adverse	

THE BEECHES	
40.8	
40.8	57.0
40.8	58.2
Substantial Adverse	
Substantial Adverse	

BRAE VIEW	
61.7	
63.3	63.3
63.6	63.7
No Benefit	
Slight Adverse	

DUFF'S HILL	
DUFFSHILL	
40.8	
40.8	53.4
40.8	54.6
Substantial Adverse	
Substantial Adverse	

TURNMIDDLE HOUSE	
41.4	
41.4	52.5
41.4	53.0
Substantial Adverse	
Substantial Adverse	

4 HAREMOSS STEADINGS	
37.7	
37.7	56.8
37.7	58.0
Substantial Adverse	
Substantial Adverse	

HAREMOSS COTTAGE	
34.7	
34.7	50.5
34.7	51.6
Substantial Adverse	
Substantial Adverse	

GLENCAIRN	
37.4	
37.4	53.4
37.4	54.6
Substantial Adverse	
Substantial Adverse	

LEGEND

- Proposed Route (Engineering Profile 04/05/07)
- 0-50m
- >50-100m
- >100-200m
- >200-300m
- >300-500m
- Sample Properties
- Non Residential Receptors

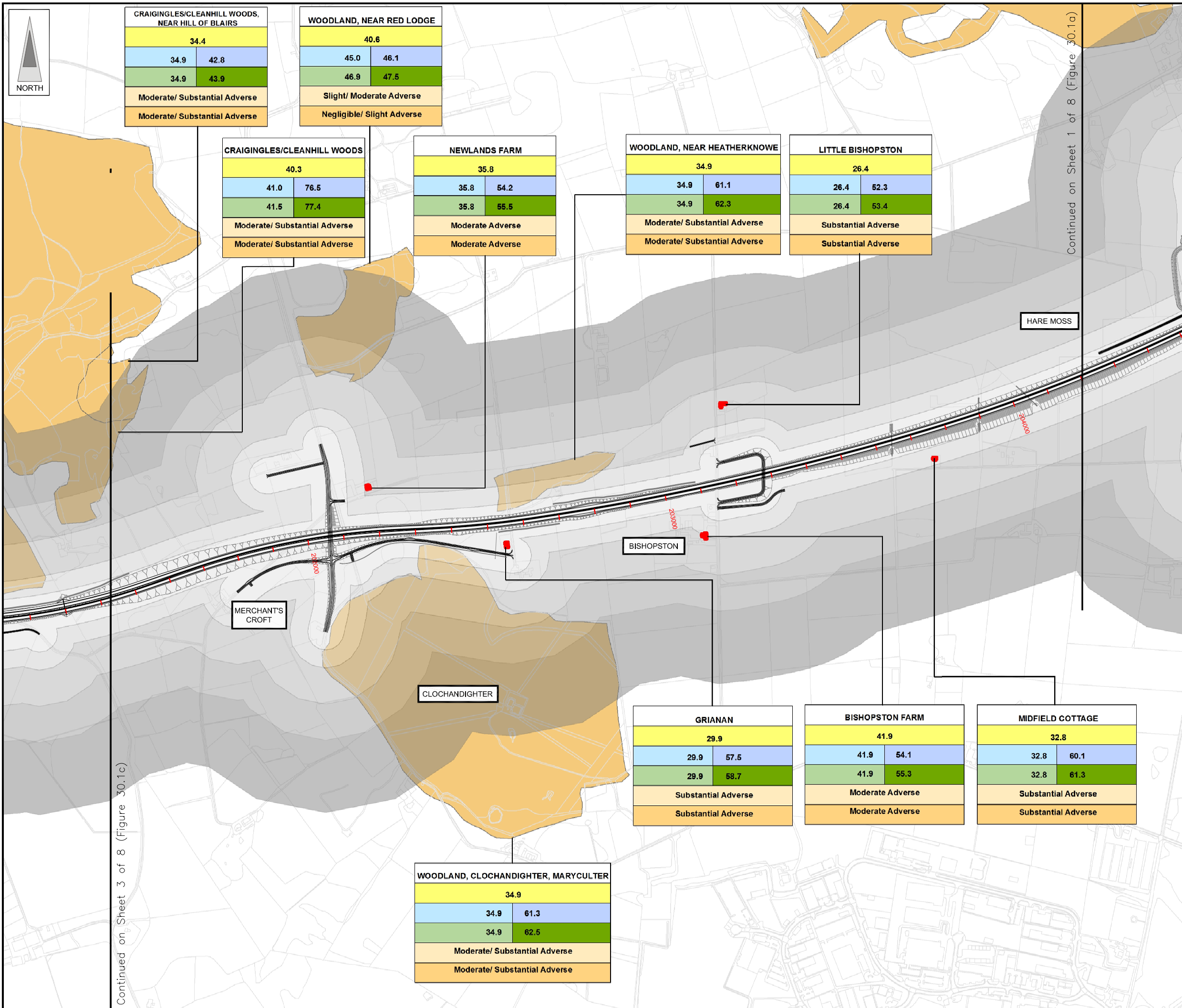
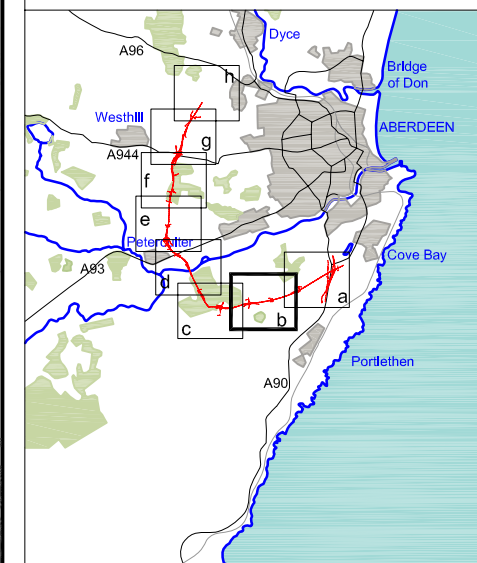
Location Name	
BASE 2005	
Do Minimum Year of Opening	Do Something Year of Opening
Do Minimum Design Year	Do Something Design Year
SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

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Title	Predicted LA10(18hours) dB without Mitigation (Receiver Height = 1.5m) Sheet 1 of 8		
Drawing Status	FINAL	Revisions	
JB No.	0010332	Date	July 2007
Figure No.	FIGURE 30.1a	Checked	BMcK
Scale	1:10,000	Approved	SH
Drawn	RB	Signature	

FIGURE 30.1b



CRAINGLES/CLEANHILL WOODS, NEAR HILL OF BLAIRS

34.4	
34.9	42.8
34.9	43.9
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

WOODLAND, NEAR RED LODGE

40.6	
45.0	46.1
46.9	47.5
Slight/ Moderate Adverse	
Negligible/ Slight Adverse	

CRAINGLES/CLEANHILL WOODS

40.3	
41.0	76.5
41.5	77.4
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

NEWLANDS FARM

35.8	
35.8	54.2
35.8	55.5
Moderate Adverse	
Moderate Adverse	

WOODLAND, NEAR HEATHERKNOWE

34.9	
34.9	61.1
34.9	62.3
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

LITTLE BISHOPSTON

26.4	
26.4	52.3
26.4	53.4
Substantial Adverse	
Substantial Adverse	

GRIANAN

29.9	
29.9	57.5
29.9	58.7
Substantial Adverse	
Substantial Adverse	

BISHOPSTON FARM

41.9	
41.9	54.1
41.9	55.3
Moderate Adverse	
Moderate Adverse	

MIDFIELD COTTAGE

32.8	
32.8	60.1
32.8	61.3
Substantial Adverse	
Substantial Adverse	

WOODLAND, CLOCHANDIGHTER, MARYCULTER

34.9	
34.9	61.3
34.9	62.5
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

LEGEND

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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	

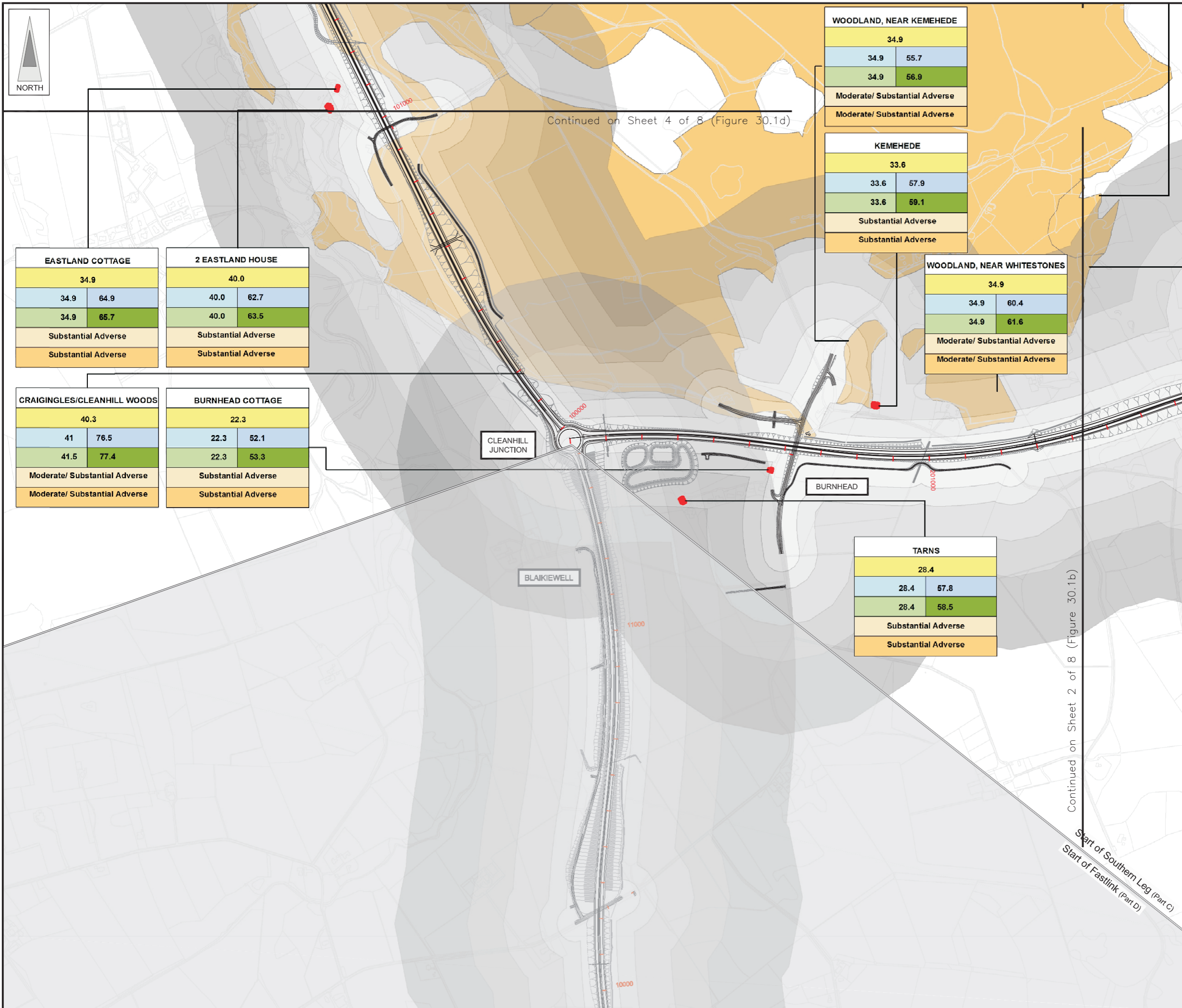
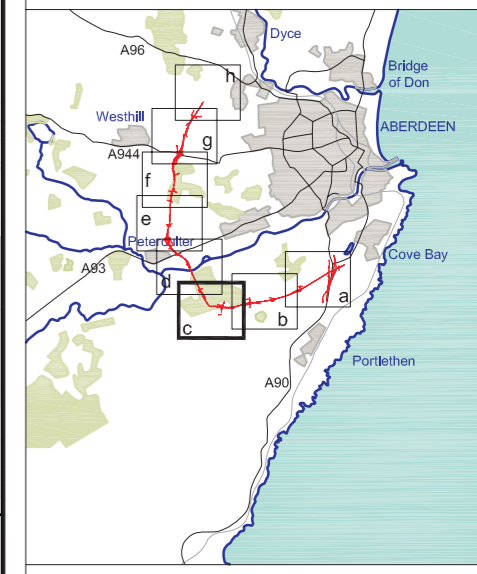
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Title	Predicted LA10(18hours) dB without Mitigation (Receiver Height = 1.5m) Sheet 2 of 8		
Drawing Status	FINAL	Revisions	
JB No.	0010332	Date	July 2007
Figure No.	FIGURE 30.1b	Checked	BMcK
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FIGURE 30.1c



EASTLAND COTTAGE	
34.9	
34.9	64.9
34.9	65.7
Substantial Adverse	
Substantial Adverse	

2 EASTLAND HOUSE	
40.0	
40.0	62.7
40.0	63.5
Substantial Adverse	
Substantial Adverse	

CRAINGLES/CLEANHILL WOODS	
40.3	
41	76.5
41.5	77.4
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

BURNHEAD COTTAGE	
22.3	
22.3	52.1
22.3	53.3
Substantial Adverse	
Substantial Adverse	

WOODLAND, NEAR KEMEHEDE	
34.9	
34.9	55.7
34.9	56.9
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

KEMEHEDE	
33.6	
33.6	57.9
33.6	59.1
Substantial Adverse	
Substantial Adverse	

WOODLAND, NEAR WHITESTONES	
34.9	
34.9	60.4
34.9	61.6
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

TARNs	
28.4	
28.4	57.8
28.4	58.5
Substantial Adverse	
Substantial Adverse	

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

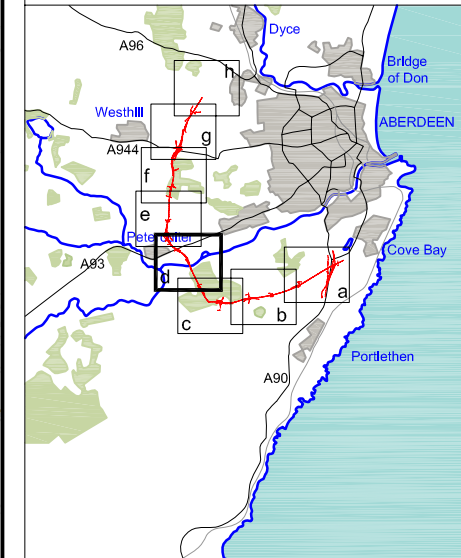
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Drawing Status	FINAL	
JB No.	0010332	
Figure No.	FIGURE 30.1c	Revisions
Scale	1:10,000	Date July 2007
Drawn	RB	Checked BMCK
		Approved SH

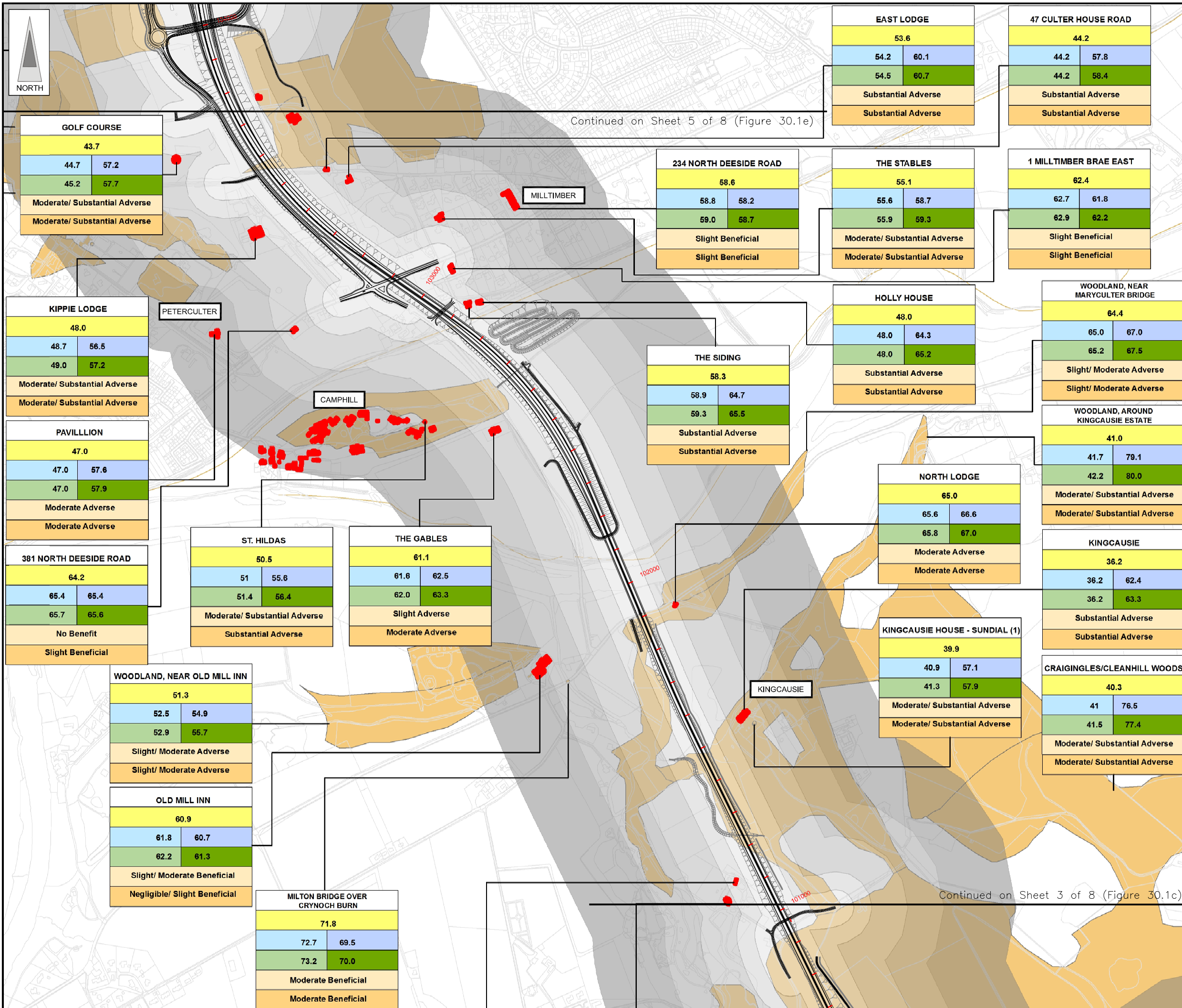
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FIGURE 30.1d



Continued on Sheet 5 of 8 (Figure 30.1e)

Continued on Sheet 3 of 8 (Figure 30.1c)



GOLF COURSE		
43.7		
44.7	57.2	
45.2	57.7	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

KIPPIE LODGE		
48.0		
48.7	56.5	
49.0	57.2	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

PAVILLION		
47.0		
47.0	57.6	
47.0	57.9	
Moderate Adverse		
Moderate Adverse		

381 NORTH DEESIDE ROAD		
64.2		
65.4	65.4	
65.7	65.6	
No Benefit		
Slight Beneficial		

WOODLAND, NEAR OLD MILL INN		
51.3		
52.5	54.9	
52.9	55.7	
Slight/ Moderate Adverse		
Slight/ Moderate Adverse		

OLD MILL INN		
60.9		
61.8	60.7	
62.2	61.3	
Slight/ Moderate Beneficial		
Negligible/ Slight Beneficial		

MILTON BRIDGE OVER CRYNOCH BURN		
71.8		
72.7	69.5	
73.2	70.0	
Moderate Beneficial		
Moderate Beneficial		

ST. HILDAS		
50.5		
51	55.6	
51.4	56.4	
Moderate/ Substantial Adverse		
Substantial Adverse		

THE GABLES		
61.1		
61.6	62.5	
62.0	63.3	
Slight Adverse		
Moderate Adverse		

234 NORTH DEESIDE ROAD		
58.6		
58.8	58.2	
59.0	58.7	
Slight Beneficial		
Slight Beneficial		

THE SIDING		
58.3		
58.9	64.7	
59.3	65.5	
Substantial Adverse		
Substantial Adverse		

EAST LODGE		
53.6		
54.2	60.1	
54.5	60.7	
Substantial Adverse		
Substantial Adverse		

THE STABLES		
55.1		
55.6	58.7	
55.9	59.3	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

HOLLY HOUSE		
48.0		
48.0	64.3	
48.0	65.2	
Substantial Adverse		
Substantial Adverse		

NORTH LODGE		
65.0		
65.6	66.6	
65.8	67.0	
Moderate Adverse		
Moderate Adverse		

KINGCAUSIE HOUSE - SUNDIAL (1)		
39.9		
40.9	57.1	
41.3	57.9	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

47 CULTER HOUSE ROAD		
44.2		
44.2	57.8	
44.2	58.4	
Substantial Adverse		
Substantial Adverse		

1 MILLTIMBER BRAE EAST		
62.4		
62.7	61.8	
62.9	62.2	
Slight Beneficial		
Slight Beneficial		

WOODLAND, NEAR MARYCULTER BRIDGE		
64.4		
65.0	67.0	
65.2	67.5	
Slight/ Moderate Adverse		
Slight/ Moderate Adverse		

WOODLAND, AROUND KINGCAUSIE ESTATE		
41.0		
41.7	79.1	
42.2	80.0	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

KINGCAUSIE		
36.2		
36.2	62.4	
36.2	63.3	
Substantial Adverse		
Substantial Adverse		

CRAINGLES/CLEANHILL WOODS		
40.3		
41	76.5	
41.5	77.4	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

LEGEND

- Proposed Route (Engineering Profile 04/05/07)
- 0-50m
- >50-100m
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- Non Residential Receptors

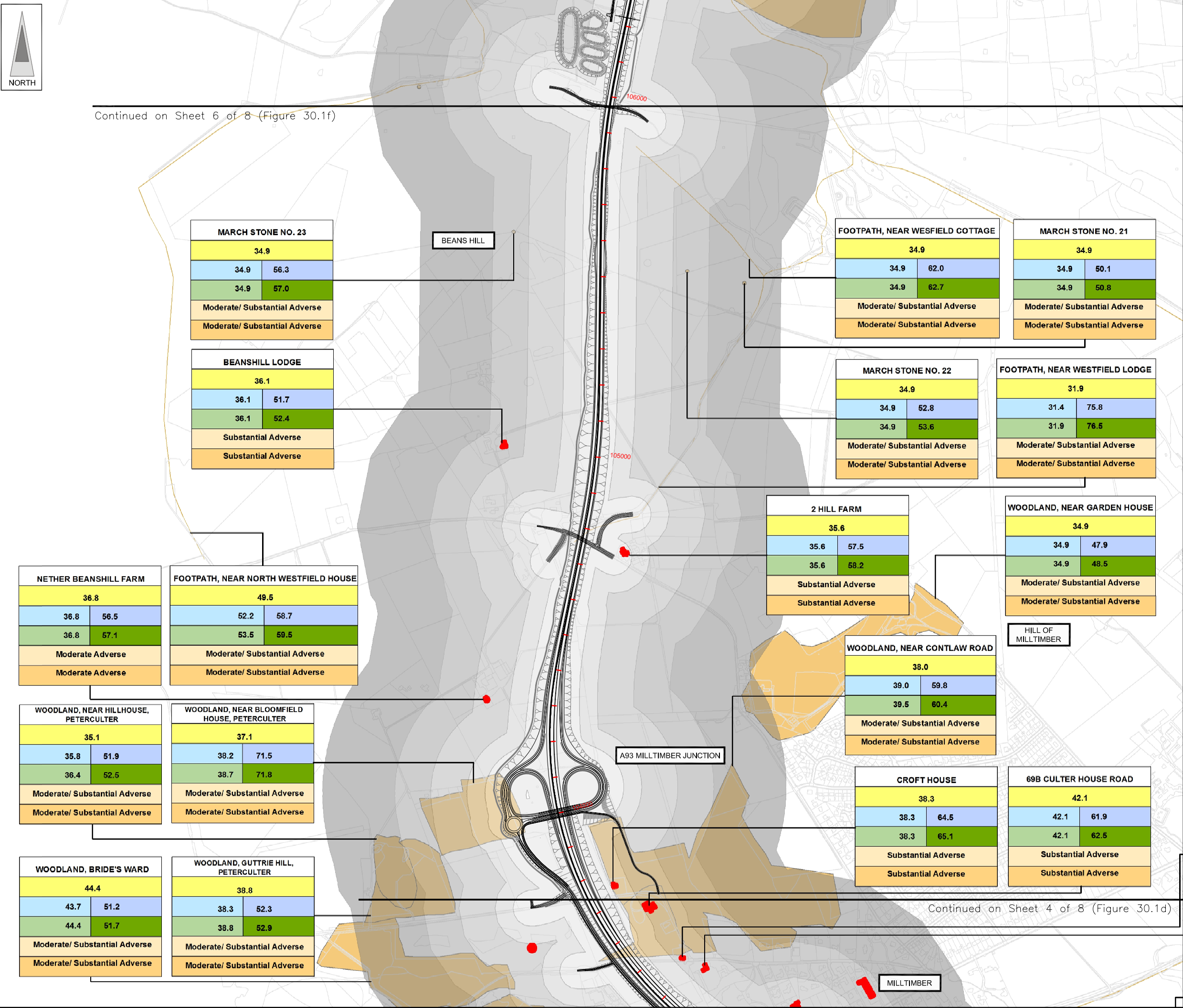
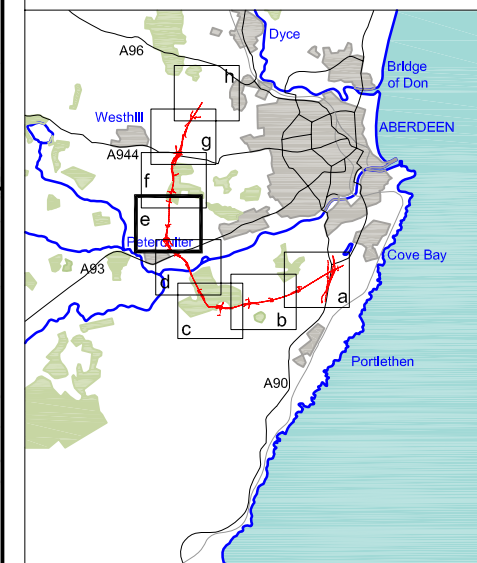
Location Name	
BASE 2005	
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SIGNIFICANCE OF IMPACT Year of Opening	
SIGNIFICANCE OF IMPACT Design Year	

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Drawing Status	FINAL	Revisions	
JB No.	0010332	Date July 2007	
Figure No.	FIGURE 30.1d	Checked	Approved
Scale	1:10,000	RB	SH

FIGURE 30.1e



Continued on Sheet 6 of 8 (Figure 30.1f)

Continued on Sheet 4 of 8 (Figure 30.1d)

MARCH STONE NO. 23	
34.9	
34.9	56.3
34.9	57.0
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

BEANS HILL

FOOTPATH, NEAR WESFIELD COTTAGE	
34.9	
34.9	62.0
34.9	62.7
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

MARCH STONE NO. 21	
34.9	
34.9	50.1
34.9	50.8
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

BEANSHILL LODGE	
36.1	
36.1	51.7
36.1	52.4
Substantial Adverse	
Substantial Adverse	

MARCH STONE NO. 22	
34.9	
34.9	52.8
34.9	53.6
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

FOOTPATH, NEAR WESTFIELD LODGE	
31.9	
31.4	75.8
31.9	76.5
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

NETHER BEANSHILL FARM	
36.8	
36.8	56.5
36.8	57.1
Moderate Adverse	
Moderate Adverse	

FOOTPATH, NEAR NORTH WESTFIELD HOUSE	
49.5	
52.2	58.7
53.5	59.5
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

2 HILL FARM	
35.6	
35.6	57.5
35.6	58.2
Substantial Adverse	
Substantial Adverse	

WOODLAND, NEAR GARDEN HOUSE	
34.9	
34.9	47.9
34.9	48.5
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

WOODLAND, NEAR CONTLAW ROAD	
38.0	
39.0	59.8
39.5	60.4
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

HILL OF MILLTIMBER

WOODLAND, NEAR HILLHOUSE, PETERCULTER	
35.1	
35.8	51.9
36.4	52.5
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

WOODLAND, NEAR BLOOMFIELD HOUSE, PETERCULTER	
37.1	
38.2	71.5
38.7	71.8
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

A93 MILLTIMBER JUNCTION

CROFT HOUSE	
38.3	
38.3	64.5
38.3	65.1
Substantial Adverse	
Substantial Adverse	

69B CULTER HOUSE ROAD	
42.1	
42.1	61.9
42.1	62.5
Substantial Adverse	
Substantial Adverse	

WOODLAND, BRIDE'S WARD	
44.4	
43.7	51.2
44.4	51.7
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

WOODLAND, GUTTRIE HILL, PETERCULTER	
38.8	
38.3	52.3
38.8	52.9
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

MILLTIMBER

LEGEND

Proposed Route (Engineering Profile 04/05/07)

- 0-50m
- >50-100m
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Location Name	
BASE 2005	
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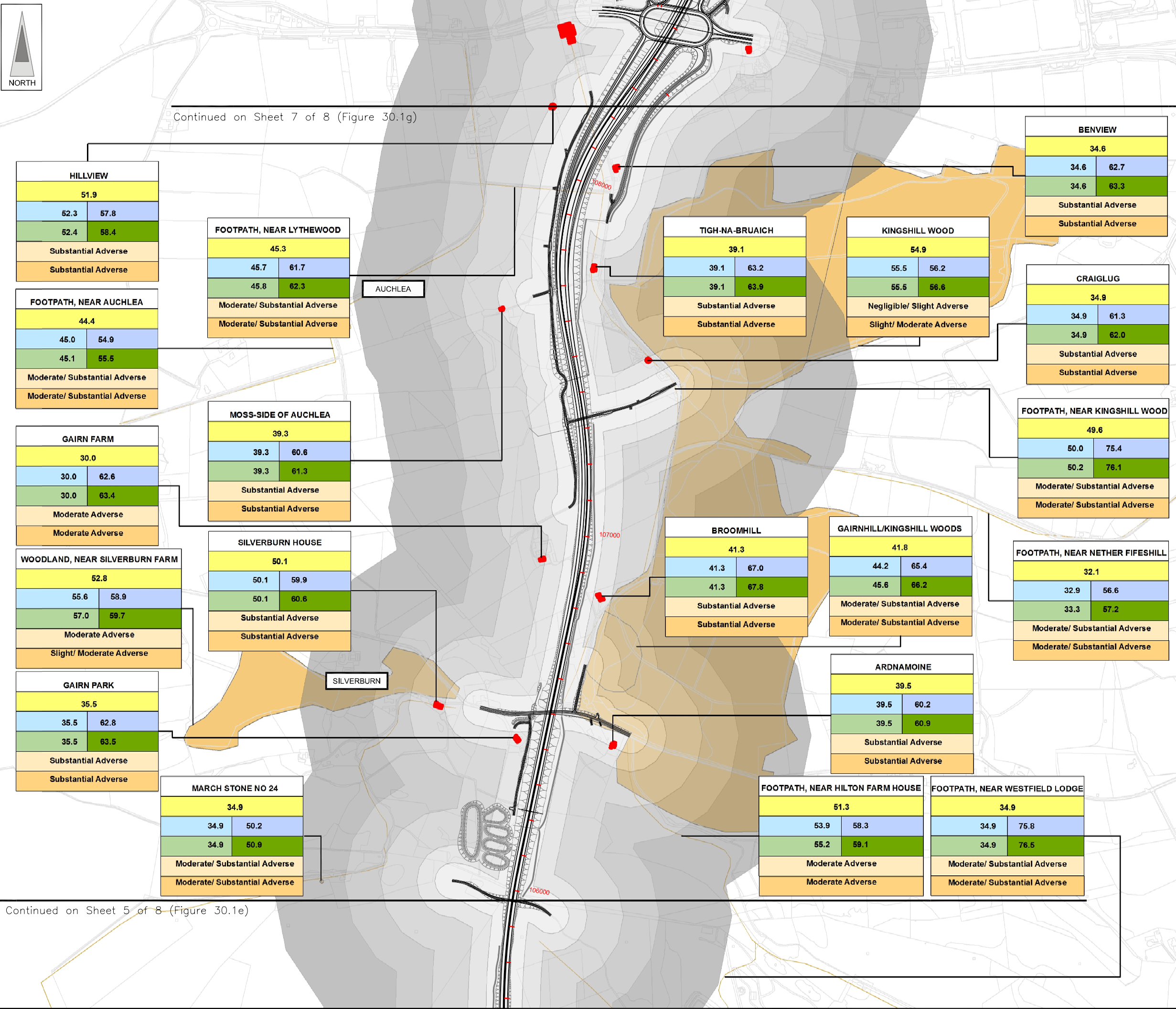
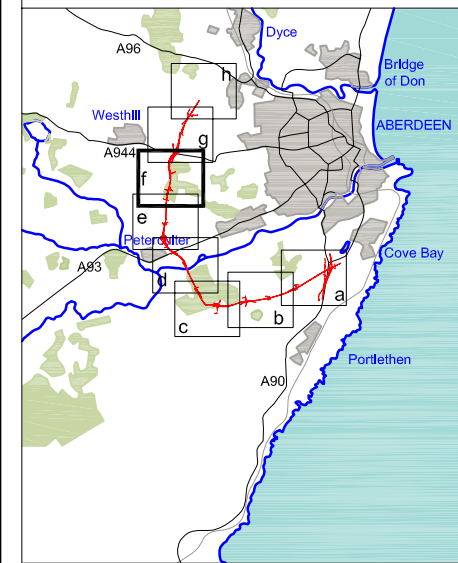
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FIGURE 30.1f



Continued on Sheet 7 of 8 (Figure 30.1g)

HILLVIEW	
51.9	
52.3	57.8
52.4	58.4
Substantial Adverse	
Substantial Adverse	

FOOTPATH, NEAR LYTHEWOOD	
45.3	
45.7	61.7
45.8	62.3
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

AUCHLEA

TIGH-NA-BRUAICH	
39.1	
39.1	63.2
39.1	63.9
Substantial Adverse	
Substantial Adverse	

KINGSHILL WOOD	
54.9	
55.5	56.2
55.5	56.6
Negligible/ Slight Adverse	
Slight/ Moderate Adverse	

BENVIEW	
34.6	
34.6	62.7
34.6	63.3
Substantial Adverse	
Substantial Adverse	

CRAIGLUG	
34.9	
34.9	61.3
34.9	62.0
Substantial Adverse	
Substantial Adverse	

FOOTPATH, NEAR AUCHLEA	
44.4	
45.0	54.9
45.1	55.5
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

MOSS-SIDE OF AUCHLEA	
39.3	
39.3	60.6
39.3	61.3
Substantial Adverse	
Substantial Adverse	

FOOTPATH, NEAR KINGSHILL WOOD	
49.6	
50.0	75.4
50.2	76.1
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

GAIRN FARM	
30.0	
30.0	62.6
30.0	63.4
Moderate Adverse	
Moderate Adverse	

SILVERBURN HOUSE	
50.1	
50.1	59.9
50.1	60.6
Substantial Adverse	
Substantial Adverse	

SILVERBURN

BROOMHILL	
41.3	
41.3	67.0
41.3	67.8
Substantial Adverse	
Substantial Adverse	

GAIRNHILL/KINGSHILL WOODS	
41.8	
44.2	65.4
45.6	66.2
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

FOOTPATH, NEAR NETHER FIFESHILL	
32.1	
32.9	56.6
33.3	57.2
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

WOODLAND, NEAR SILVERBURN FARM	
52.8	
55.6	58.9
57.0	59.7
Moderate Adverse	
Slight/ Moderate Adverse	

GAIRN PARK	
35.5	
35.5	62.8
35.5	63.5
Substantial Adverse	
Substantial Adverse	

MARCH STONE NO 24	
34.9	
34.9	50.2
34.9	50.9
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

FOOTPATH, NEAR HILTON FARM HOUSE	
51.3	
53.9	58.3
55.2	59.1
Moderate Adverse	
Moderate Adverse	

FOOTPATH, NEAR WESTFIELD LODGE	
34.9	
34.9	75.8
34.9	76.5
Moderate/ Substantial Adverse	
Moderate/ Substantial Adverse	

Continued on Sheet 5 of 8 (Figure 30.1e)

LEGEND

- Proposed Route (Engineering Profile 04/05/07)
- 0-50m
- >50-100m
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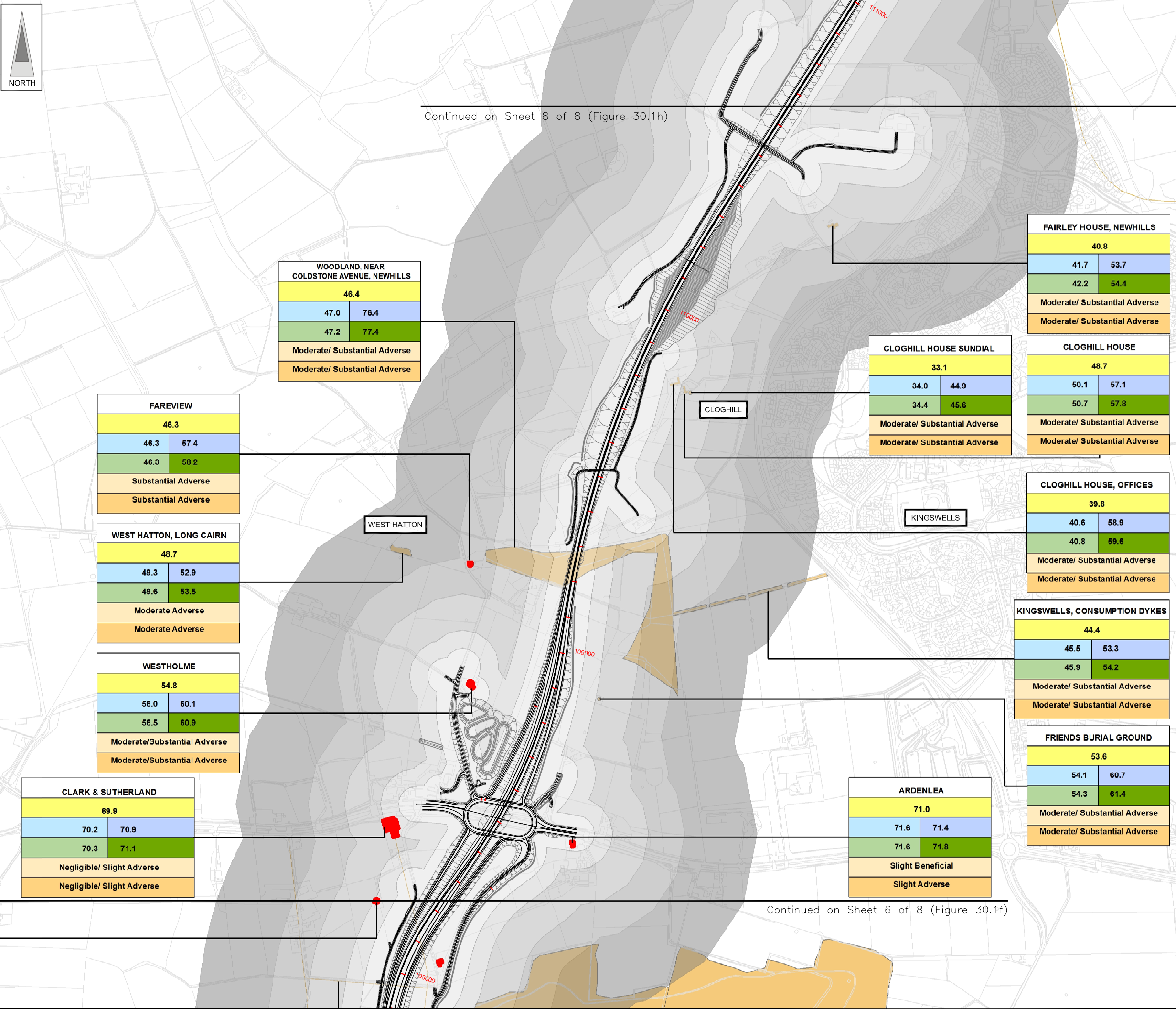
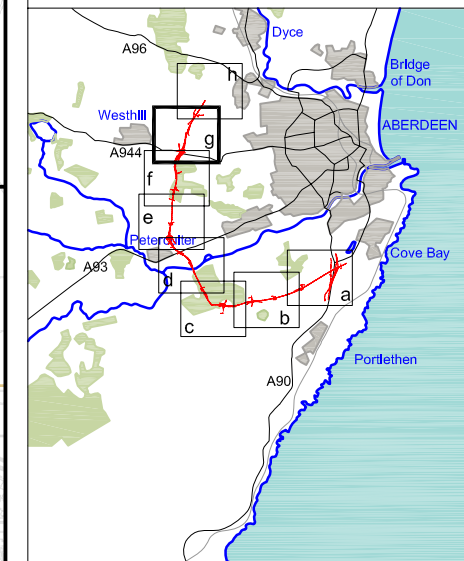
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FIGURE 30.1g



Continued on Sheet 8 of 8 (Figure 30.1h)

Continued on Sheet 6 of 8 (Figure 30.1f)

WOODLAND, NEAR COLDSTONE AVENUE, NEWHILLS		
46.4		
47.0	76.4	
47.2	77.4	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

FAIRLEY HOUSE, NEWHILLS		
40.8		
41.7	53.7	
42.2	54.4	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

CLOGHILL HOUSE SUNDIAL		
33.1		
34.0	44.9	
34.4	45.6	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

CLOGHILL HOUSE		
48.7		
50.1	57.1	
50.7	57.8	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

FAREVIEW		
46.3		
46.3	57.4	
46.3	58.2	
Substantial Adverse		
Substantial Adverse		

CLOGHILL HOUSE, OFFICES		
39.8		
40.6	58.9	
40.8	59.6	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

WEST HATTON, LONG CAIRN		
48.7		
49.3	52.9	
49.6	53.5	
Moderate Adverse		
Moderate Adverse		

KINGSWELLS, CONSUMPTION DYKES		
44.4		
45.5	53.3	
45.9	54.2	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

WESTHOLME		
54.8		
56.0	60.1	
56.5	60.9	
Moderate/Substantial Adverse		
Moderate/Substantial Adverse		

FRIENDS BURIAL GROUND		
53.6		
54.1	60.7	
54.3	61.4	
Moderate/ Substantial Adverse		
Moderate/ Substantial Adverse		

CLARK & SUTHERLAND		
69.9		
70.2	70.9	
70.3	71.1	
Negligible/ Slight Adverse		
Negligible/ Slight Adverse		

ARDENLEA		
71.0		
71.6	71.4	
71.6	71.8	
Slight Beneficial		
Slight Adverse		

LEGEND

Proposed Route (Engineering Profile 04/05/07)

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	

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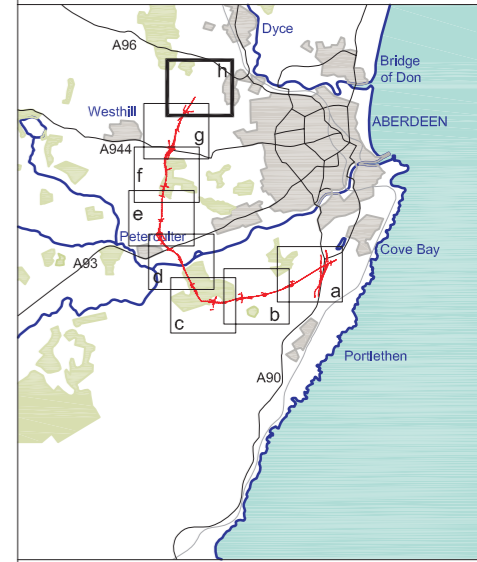
Hamilton & McGregor

ACOUSTICS DIVISION

Client	Aberdeen Western Peripheral Route		
Project	Aberdeen Western Peripheral Route Environmental Statement, Part C - Southern Leg		
Title	Predicted LA10(18hours) dB without Mitigation (Receiver Height = 1.5m) Sheet 7 of 8		
Drawing Status	FINAL	Revisions	
JB No.	0010332	Date July 2007	
Figure No.	FIGURE 30.1g	Drawn RB	Checked BMcK
Scale	1:10,000	Approved SH	Signature

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FIGURE 30.1h



LEGEND

	Proposed Route (Engineering Profile 04/05/07)
	0-50m
>50-100m noise contour symbol"/>	>50-100m
>100-200m noise contour symbol"/>	>100-200m
>200-300m noise contour symbol"/>	>200-300m
>300-500m noise contour symbol"/>	>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	

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Hamilton & McGregor
 ACOUSTICS DIVISION

Client: **Aberdeen Western Peripheral Route**

Project: **Aberdeen Western Peripheral Route
 Environmental Statement, Part C - Southern Leg**

Title: **Predicted LA10(18hours) dB without
 Mitigation (Receiver Height = 1.5m)
 Sheet 8 of 8**

Drawing Status	FINAL	Revisions	
JB No.	0010332	Date	July 2007
Figure No.	FIGURE 30.1h	Approved	SH
Scale	1:10,000	Checked	BMCK
Drawn	RB	Approved	SH

Continued on Sheet 7 of 8 (Figure 30.1g)

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