

**Legend**

- Proposed Scheme (as per Draft Orders)
- ◉ SUDS (e.g. Basin or Pond)\*
- ▭ Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

\* Actual shape of pond/basin will be subject to detailed design

9	NOV 2016	ED Publication	KA	SG	BMCK	ENG
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

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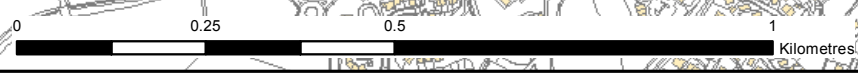
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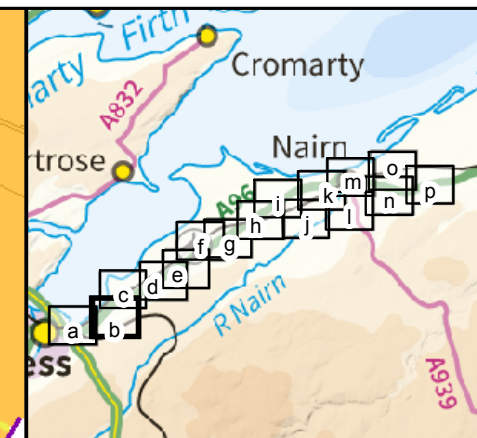
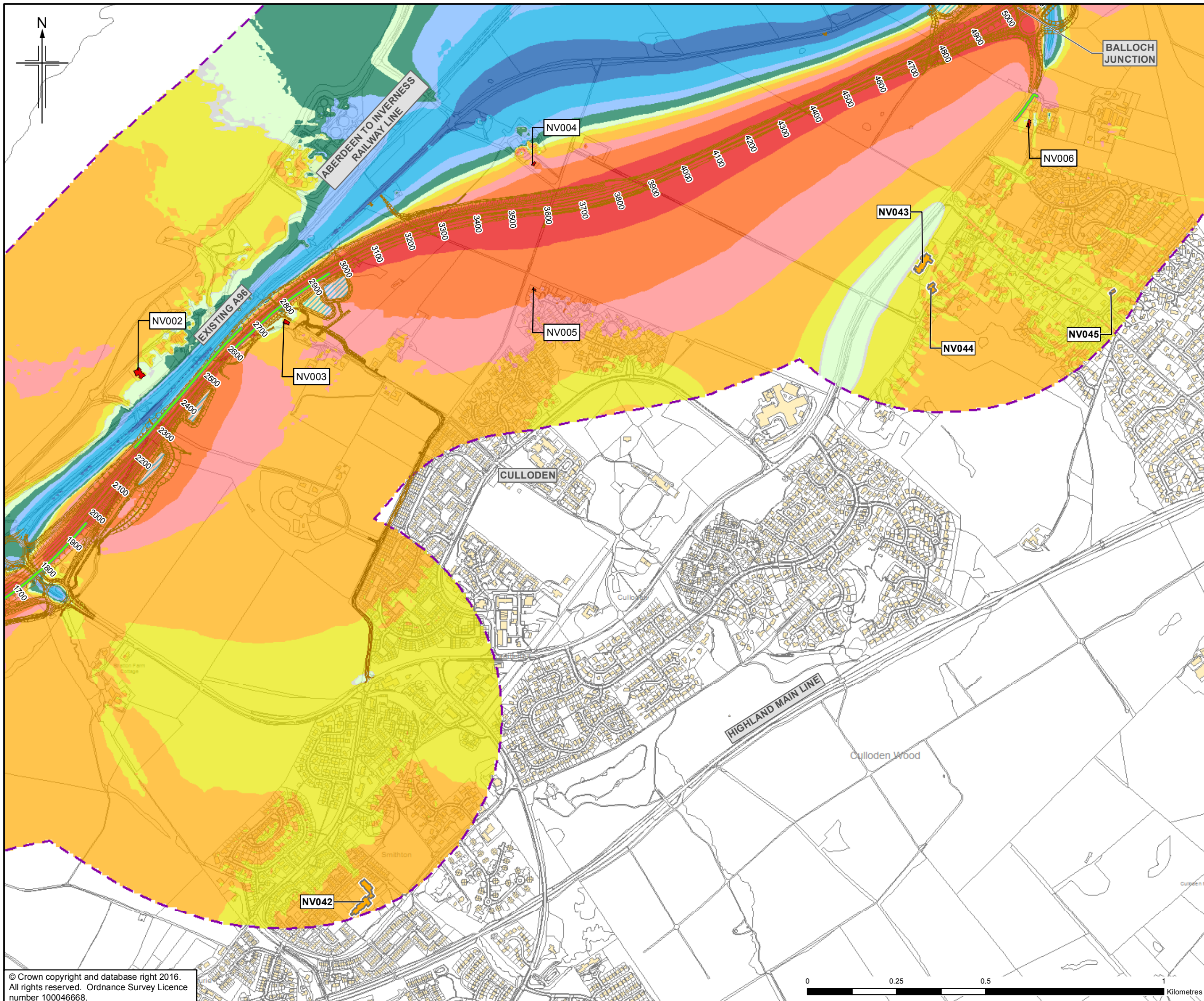
Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11a**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 1 of 16

Drawing Status	FINAL	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2103500	
BIM No.		
Drawing number	B2103500/EN/EIA/DR/811a	Rev 0

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**Legend**

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- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

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Rev.	Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Apprv'd
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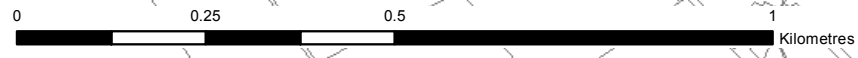
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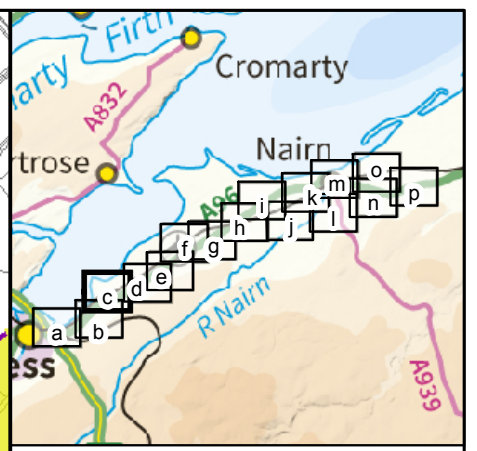
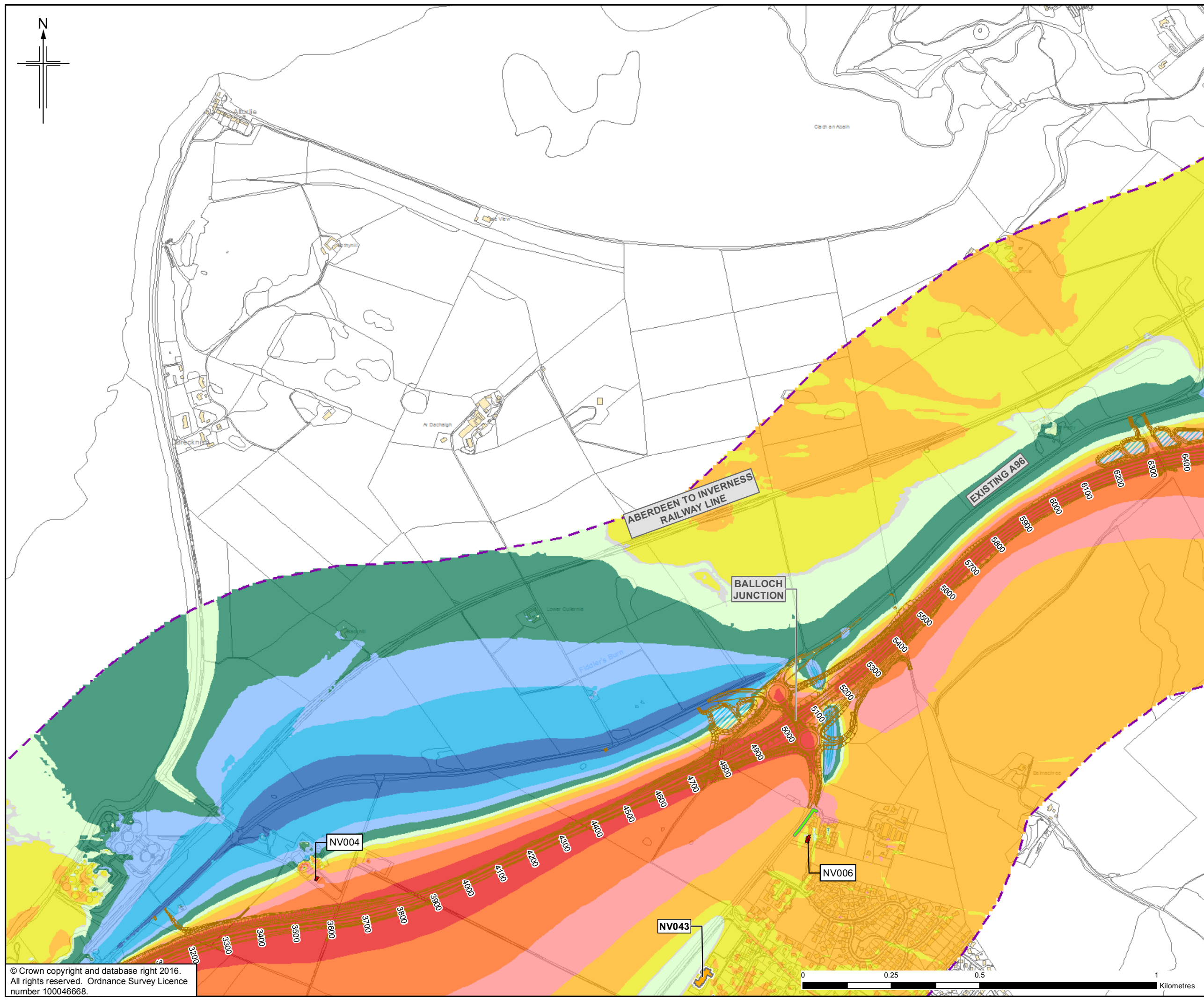
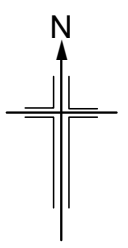
Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11b**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 2 of 16

Drawing Status	FINAL	
Scale	1:10,000 @ A3	DO NOT SCALE
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BIM No.		
Drawing number	B2103500/EN/EIA/DR/811b	Rev 0

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  - ◻ SUDS (e.g. Basin or Pond)\*
  - ▭ Calculation Area
  - Health & Education Buildings
  - Sample Receptor
  - Noise Mitigation Barrier
- Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**
- $x \geq 10$  dB
  - $5 \leq x < 10$  dB
  - $3 \leq x < 5$  dB
  - $1 \leq x < 3$  dB
  - $0 < x < 1$  dB
  - $x = 0$  dB
  - $-1 < x < 0$  dB
  - $-3 < x \leq -1$  dB
  - $-5 < x \leq -3$  dB
  - $-10 < x \leq -5$  dB
  - $x \leq -10$  dB

\* Actual shape of pond/basin will be subject to detailed design

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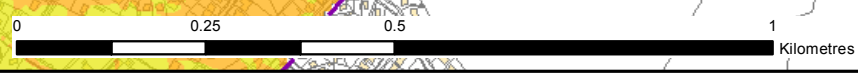
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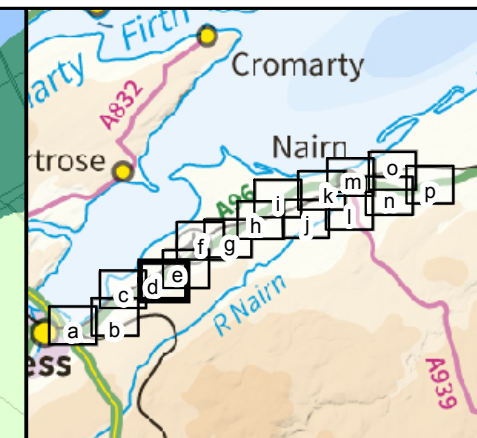
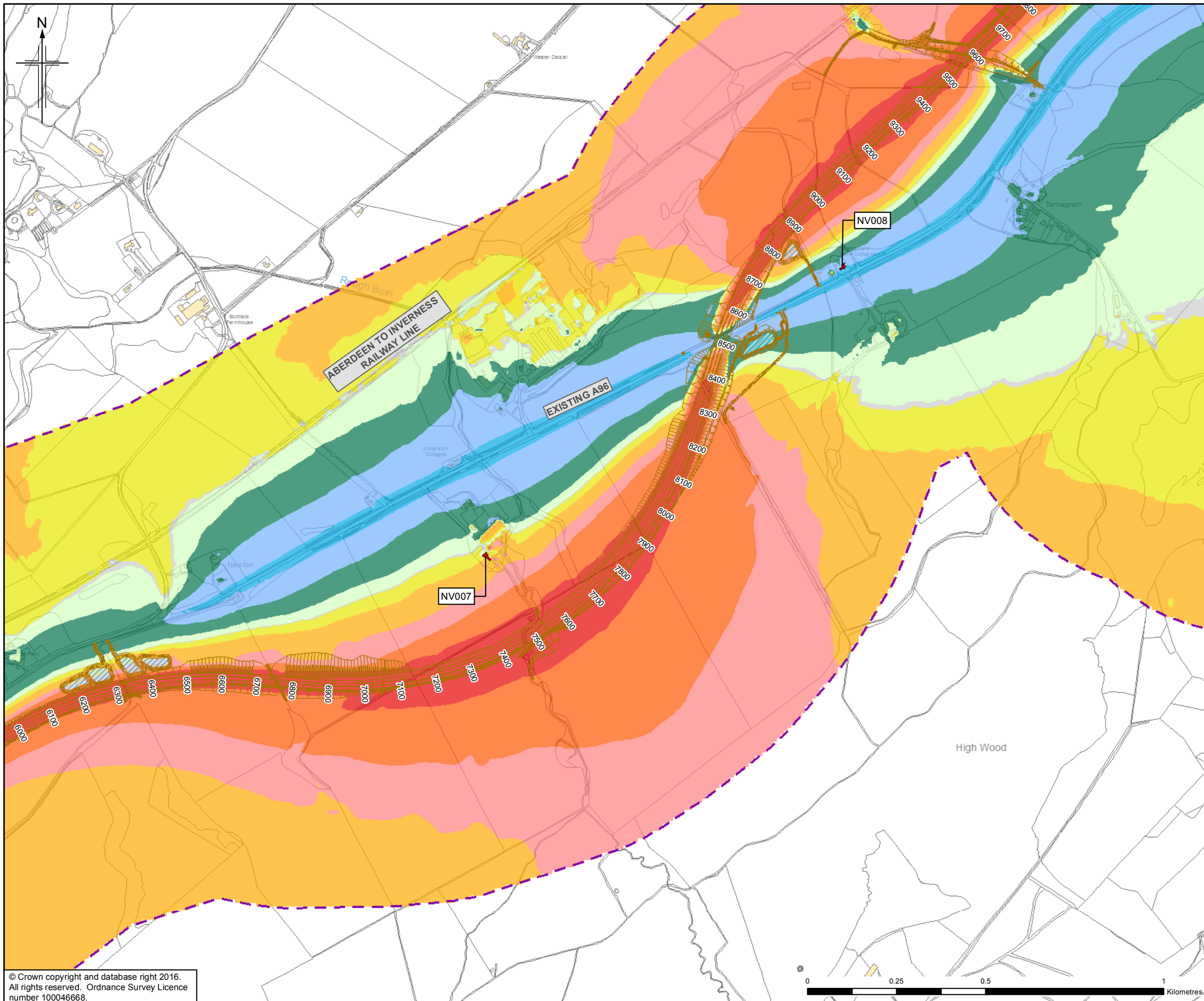
Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11c**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 3 of 16

Drawing Status	FINAL	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2103500	
BIM No.		
Drawing number	B2103500/EN/EIA/DR/811c	Rev 0

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- Legend**
- Proposed Scheme (as per Draft Orders)
  - ▭ SUDS (e.g. Basin or Pond)\*
  - - - Calculation Area
  - Health & Education Buildings
  - Sample Receptor
  - Noise Mitigation Barrier
- Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**
- $x \geq 10$  dB
  - $5 \leq x < 10$  dB
  - $3 \leq x < 5$  dB
  - $1 \leq x < 3$  dB
  - $0 < x < 1$  dB
  - $x = 0$  dB
  - $-1 < x < 0$  dB
  - $-3 < x \leq -1$  dB
  - $-5 < x \leq -3$  dB
  - $-10 < x \leq -5$  dB
  - $x \leq -10$  dB

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
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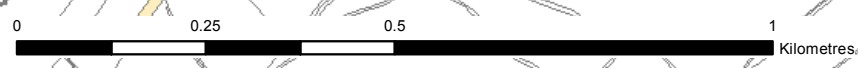
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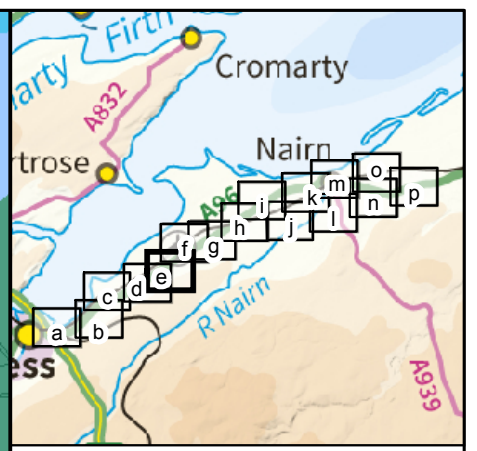
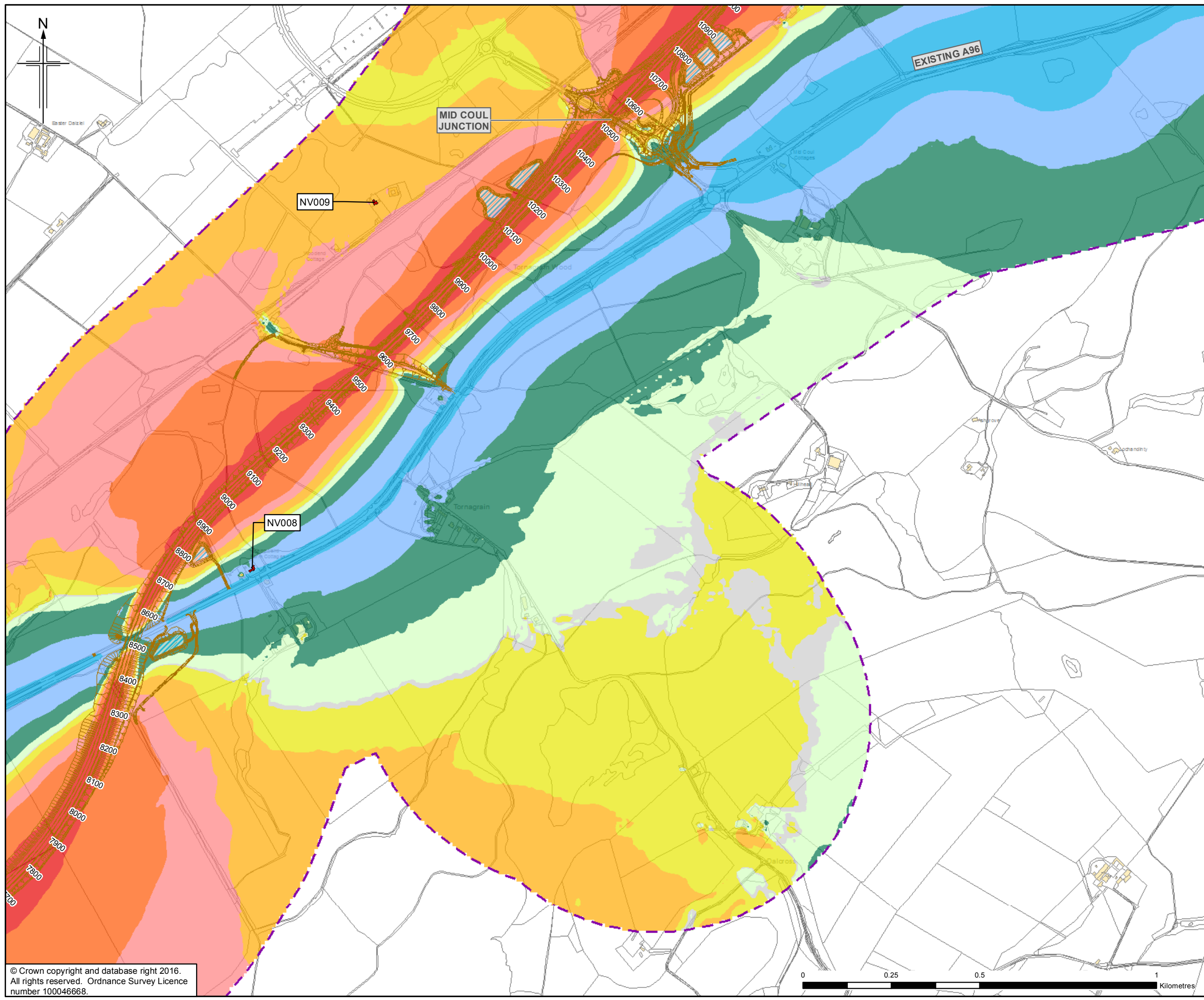
**Figure 8.11d**  
 Environmental Statement  
 Noise Level Difference Contour Map  
 (First Floor) Do-Min. Baseline Year Vs  
 Do-Something Baseline Year (with Mitigation)

Drawing Status: FINAL  
 Scale: 1:10,000 @ A3 DO NOT SCALE

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 BIM No. [Blank]  
 Drawing number B2103500/EN/EIA/DR/811d Rev 0

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**Legend**

- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)\*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd
0	NOV 2016	IS Production	KA	SG	BMCK	ENG

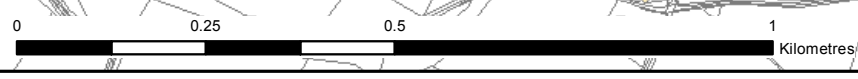
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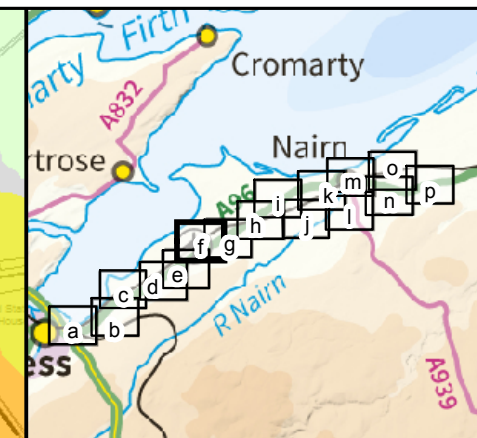
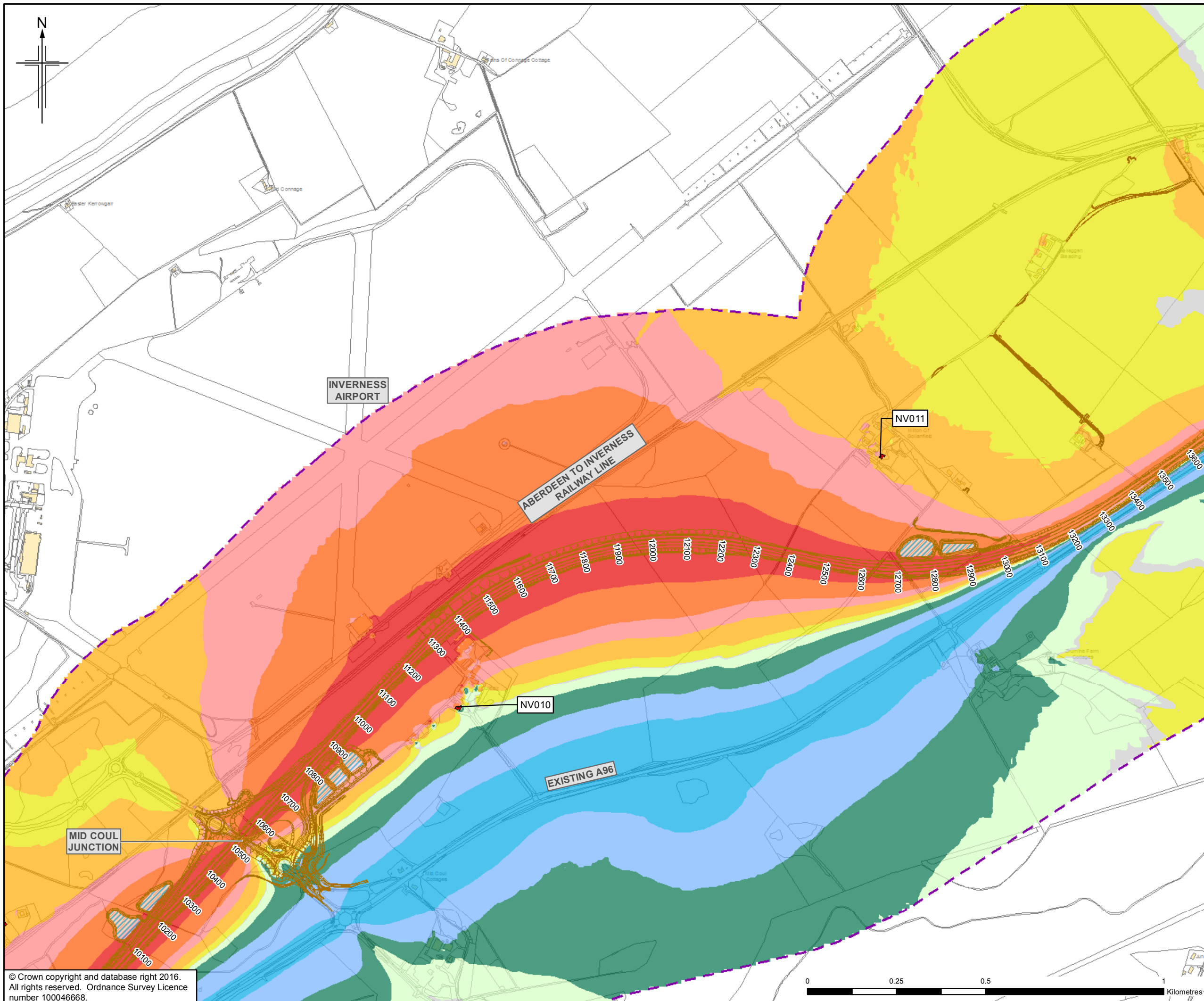
Client  
  
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 COMHDAHL ALBA

Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11e**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 5 of 16

Drawing Status: FINAL  
 Scale: 1:10,000 @ A3 DO NOT SCALE  
 Jacobs No.: B2103500  
 BIM No.:  
 Drawing number: B2103500/EN/EIA/DR/811e Rev 0





**Legend**

- Proposed Scheme (as per Draft Orders)
- ▭ SUDS (e.g. Basin or Pond)\*
- ▭ Calculation Area
- ▭ Health & Education Buildings
- ▭ Sample Receptor
- ▭ Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- ▭  $x \geq 10$  dB
- ▭  $5 \leq x < 10$  dB
- ▭  $3 \leq x < 5$  dB
- ▭  $1 \leq x < 3$  dB
- ▭  $0 < x < 1$  dB
- ▭  $x = 0$  dB
- ▭  $-1 < x < 0$  dB
- ▭  $-3 < x \leq -1$  dB
- ▭  $-5 < x \leq -3$  dB
- ▭  $-10 < x \leq -5$  dB
- ▭  $x \leq -10$  dB

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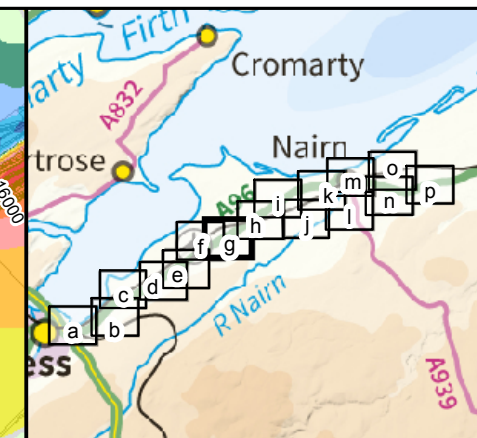
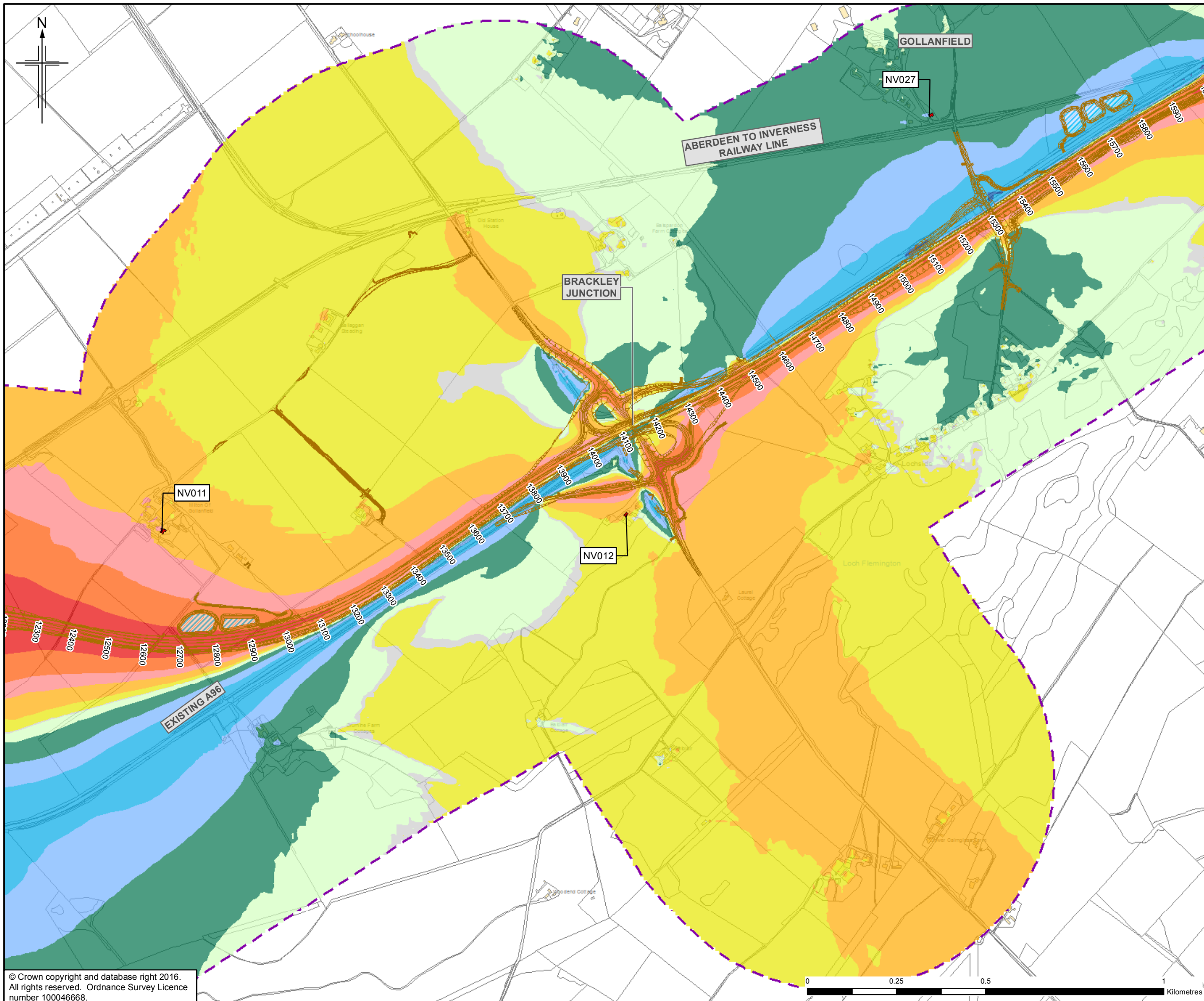
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 TRANSPORT SCOTLAND  
 COMHDAIL ALBA

Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11f**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 6 of 16

Drawing Status	FINAL	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2103500	
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Drawing number	B2103500/EN/EIA/DR/811f	Rev 0

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- Proposed Scheme (as per Draft Orders)
  - ▭ SUDS (e.g. Basin or Pond)\*
  - ▭ Calculation Area
  - ▭ Health & Education Buildings
  - ▭ Sample Receptor
  - ▭ Noise Mitigation Barrier
- Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**
- ▭  $x \geq 10$  dB
  - ▭  $5 \leq x < 10$  dB
  - ▭  $3 \leq x < 5$  dB
  - ▭  $1 \leq x < 3$  dB
  - ▭  $0 < x < 1$  dB
  - ▭  $x = 0$  dB
  - ▭  $-1 < x < 0$  dB
  - ▭  $-3 < x \leq -1$  dB
  - ▭  $-5 < x \leq -3$  dB
  - ▭  $-10 < x \leq -5$  dB
  - ▭  $x \leq -10$  dB

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

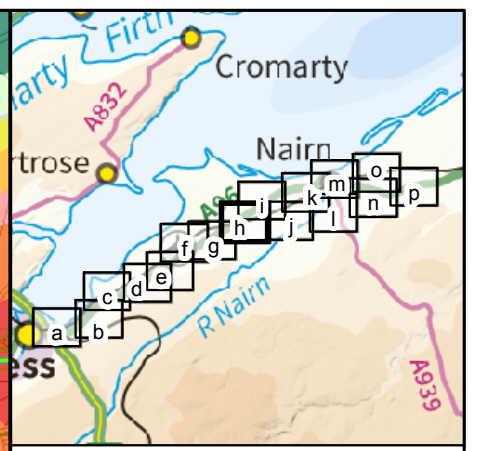
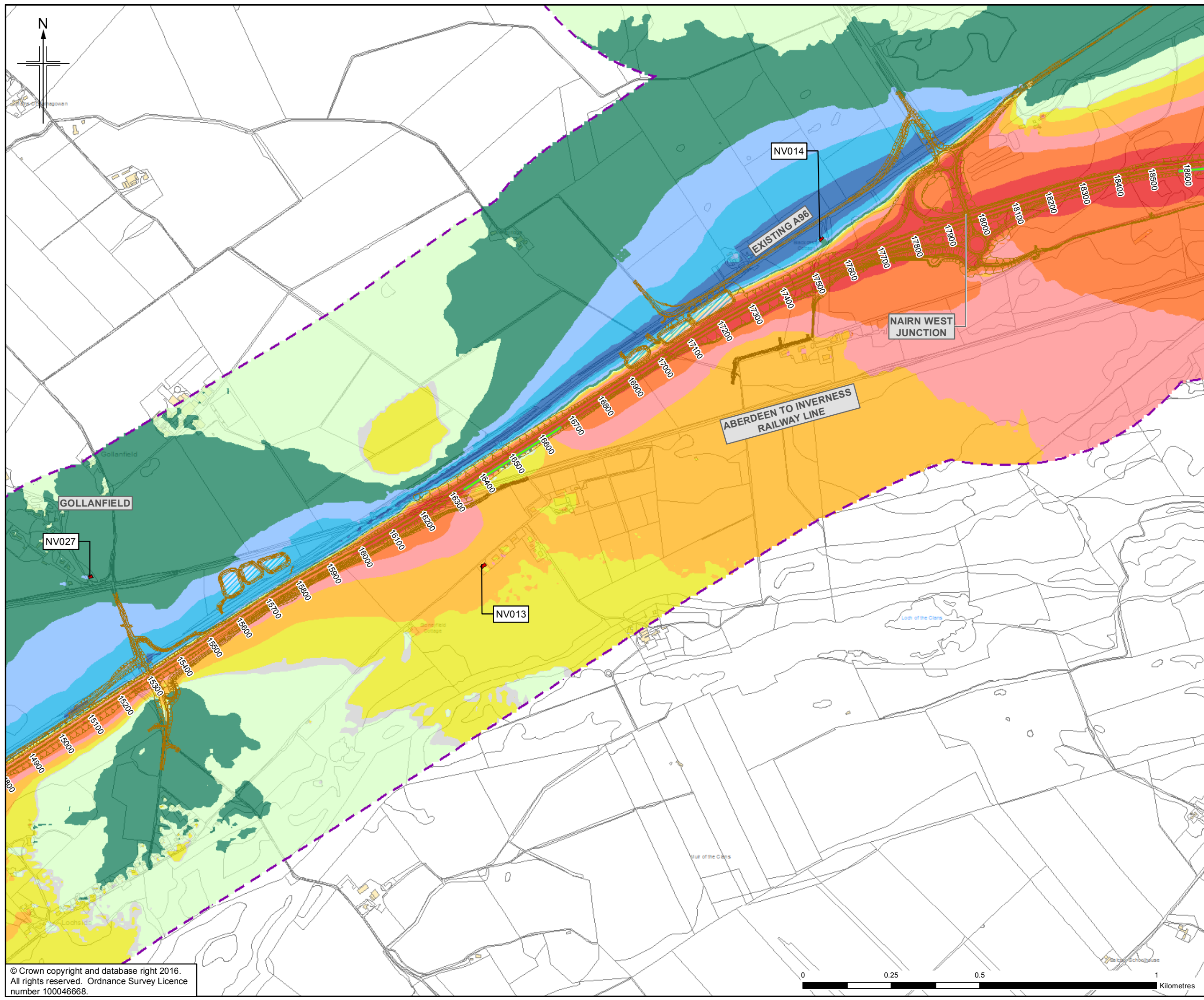
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Drawing title  
**Figure 8.11g  
 Environmental Statement  
 Noise Level Difference Contour Map  
 (First Floor) Do-Min. Baseline Year Vs  
 Do-Something Baseline Year (with Mitigation)**  
 Sheet 7 of 16

Drawing Status	FINAL	
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- ▭ Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

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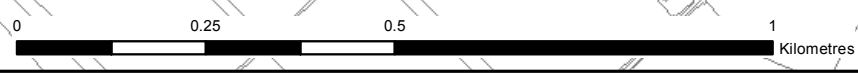
Client  
  
 TRANSPORT SCOTLAND  
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Project  
  
**A96**  
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 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

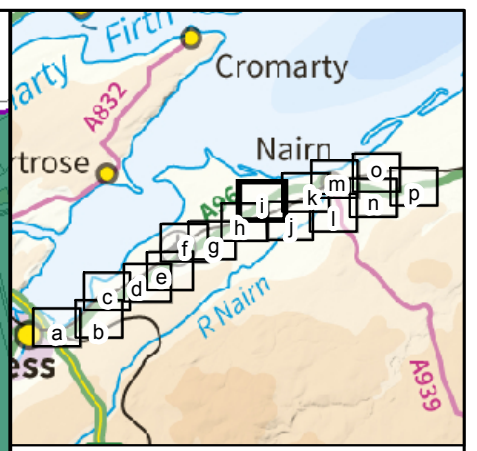
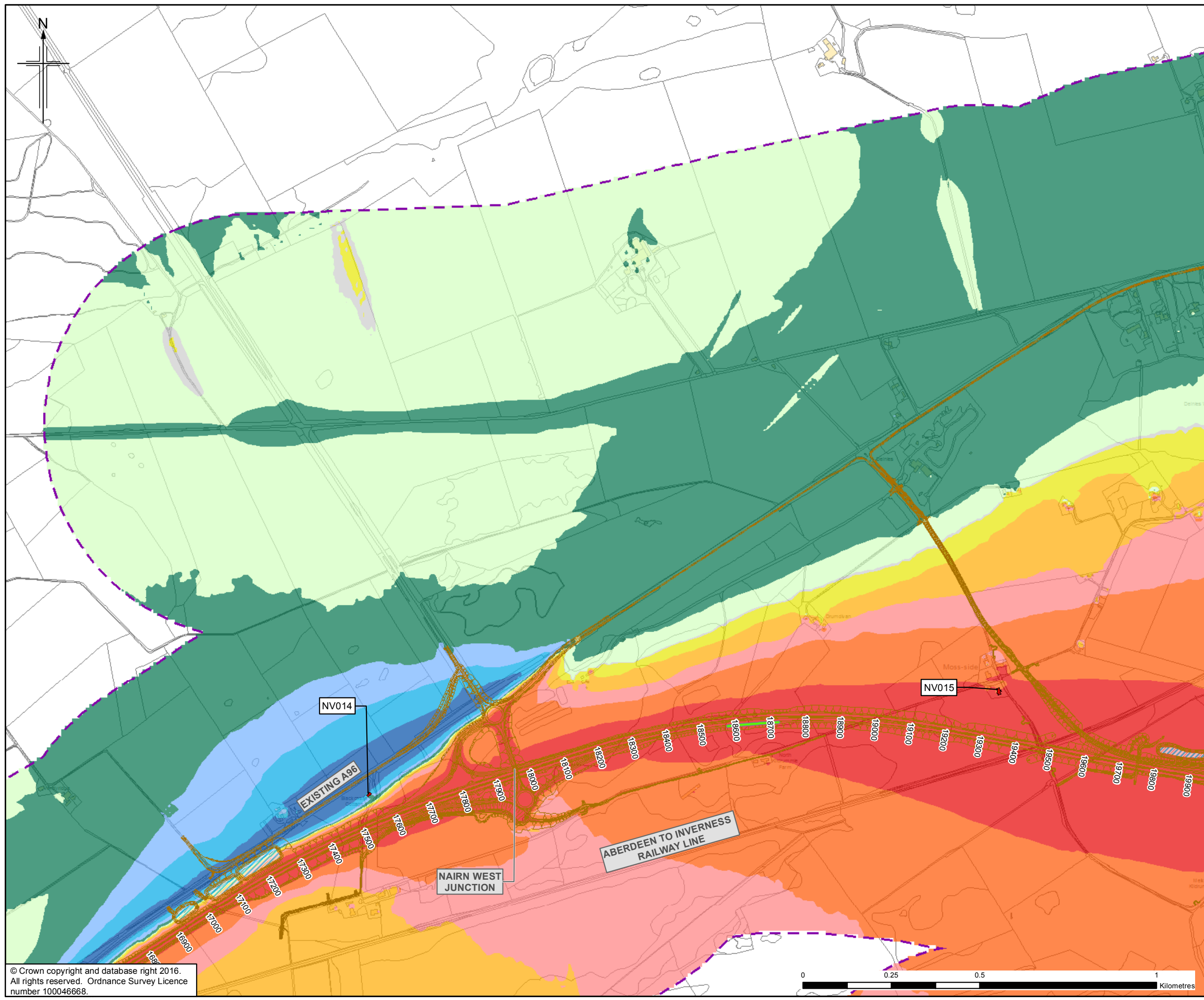
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**Figure 8.11h**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 8 of 16

Drawing Status: FINAL  
 Scale: 1:10,000 @ A3 DO NOT SCALE  
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 Drawing number: B2103500/EN/EIA/DR/811h Rev 0

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- ▭ Calculation Area
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- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

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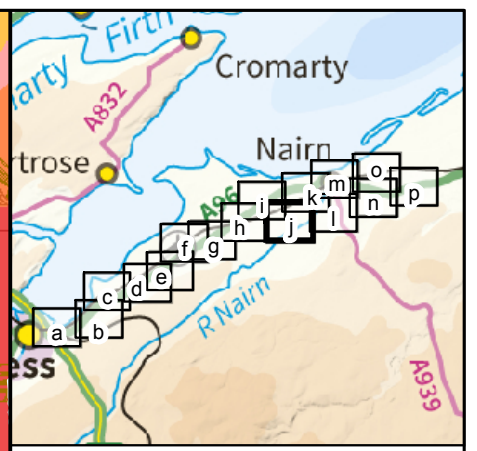
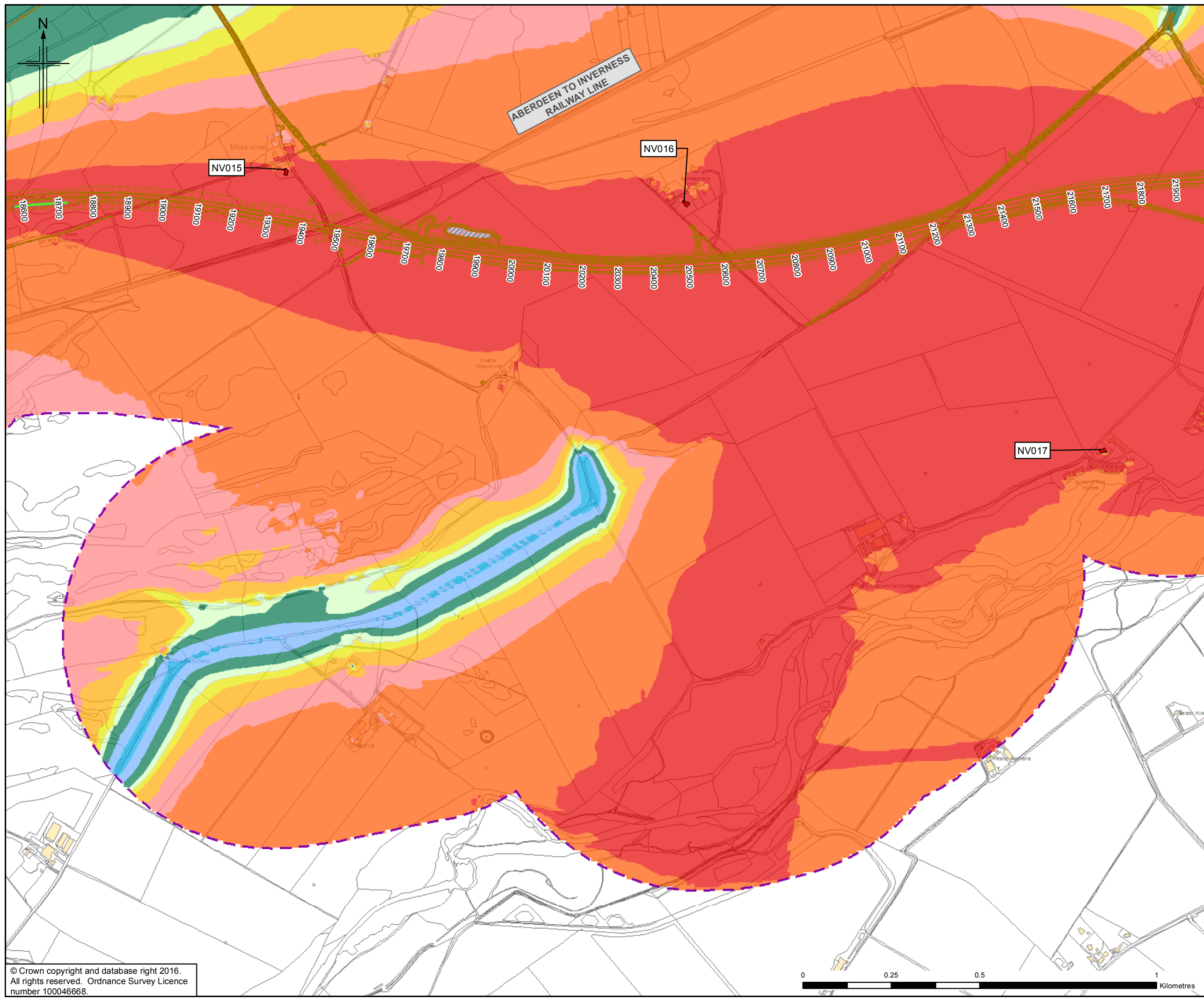
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 TRANSPORT SCOTLAND  
 COMHDAHL ALBA

Project  
  
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 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11i**  
 Environmental Statement  
 Noise Level Difference Contour Map  
 (First Floor) Do-Min. Baseline Year Vs  
 Do-Something Baseline Year (with Mitigation)  
 Sheet 9 of 16

Drawing Status	FINAL	
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Drawing number	B2103500/EN/EIA/DR/811i	Rev 0

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**Legend**

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- SUDS (e.g. Basin or Pond)\*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
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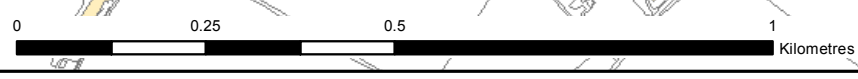
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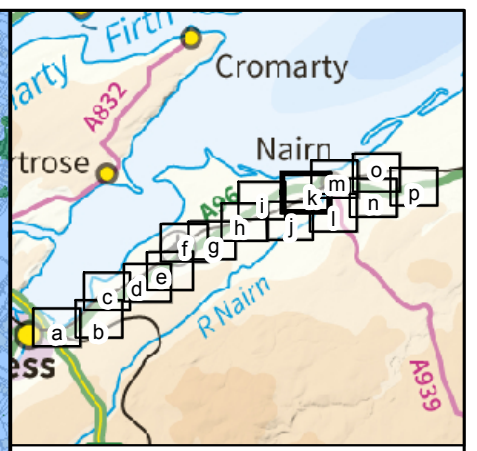
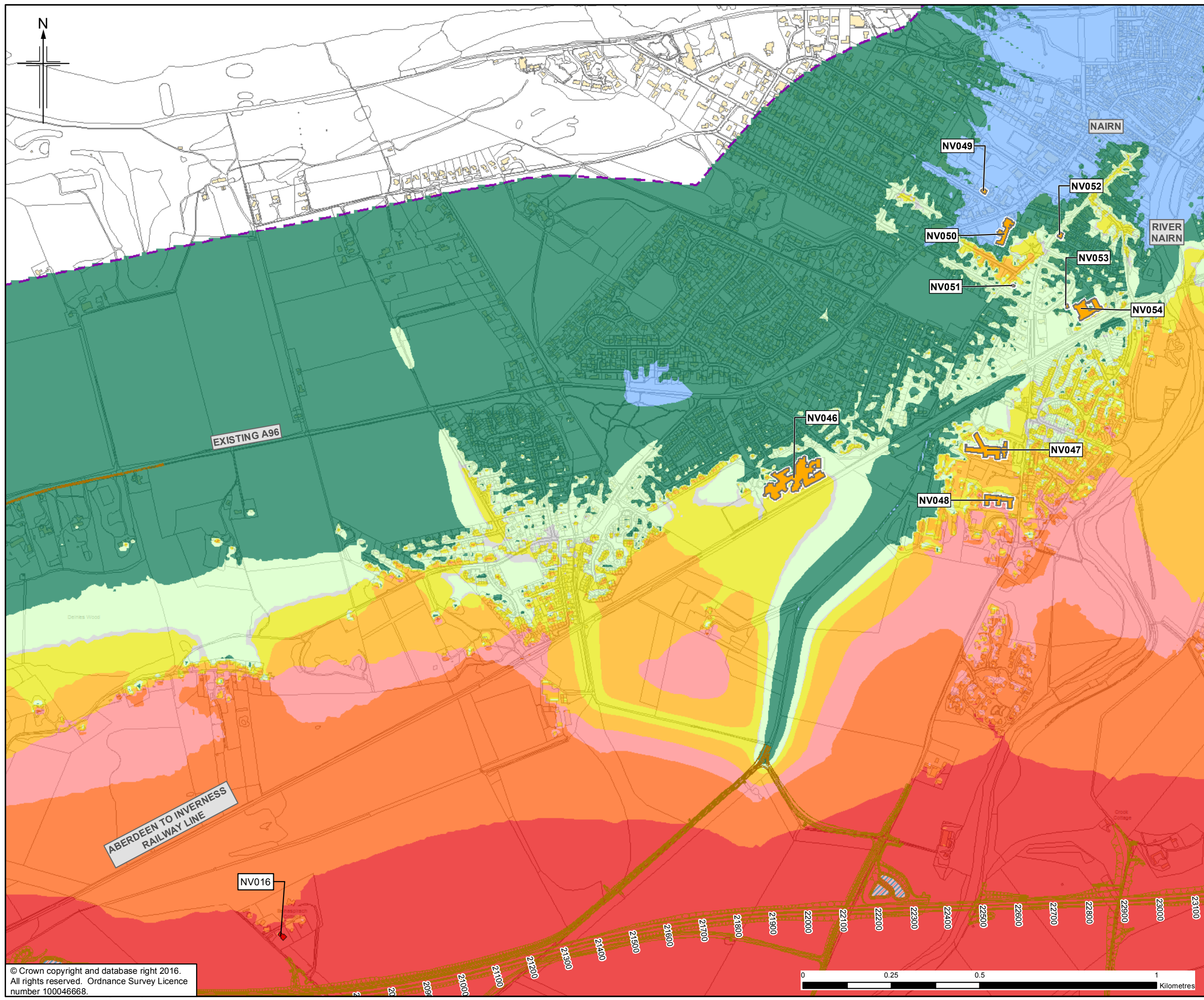
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 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11j**  
 Environmental Statement  
 Noise Level Difference Contour Map  
 (First Floor) Do-Min. Baseline Year Vs  
 Do-Something Baseline Year (with Mitigation)  
 Sheet 10 of 16

Drawing Status: FINAL  
 Scale: 1:10,000 @ A3 DO NOT SCALE  
 Jacobs No.: B2103500  
 BIM No.:  
 Drawing number: B2103500/EN/EIA/DR/811j Rev 0

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**Legend**

- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)\*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

\* Actual shape of pond/basin will be subject to detailed design

Rev.	Rev. Date	Rev. Description	Orig/Dwn	Check'd	Rev'd	Apprv'd
0	NOV 2016	Issue for public consultation	KA	SG	BMCK	ENG

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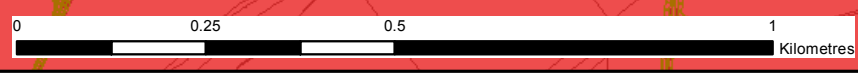
Client  
  
 TRANSPORT SCOTLAND  
 COMHDAHL ALBA

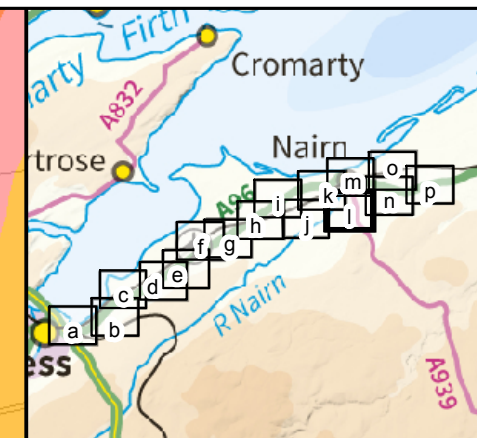
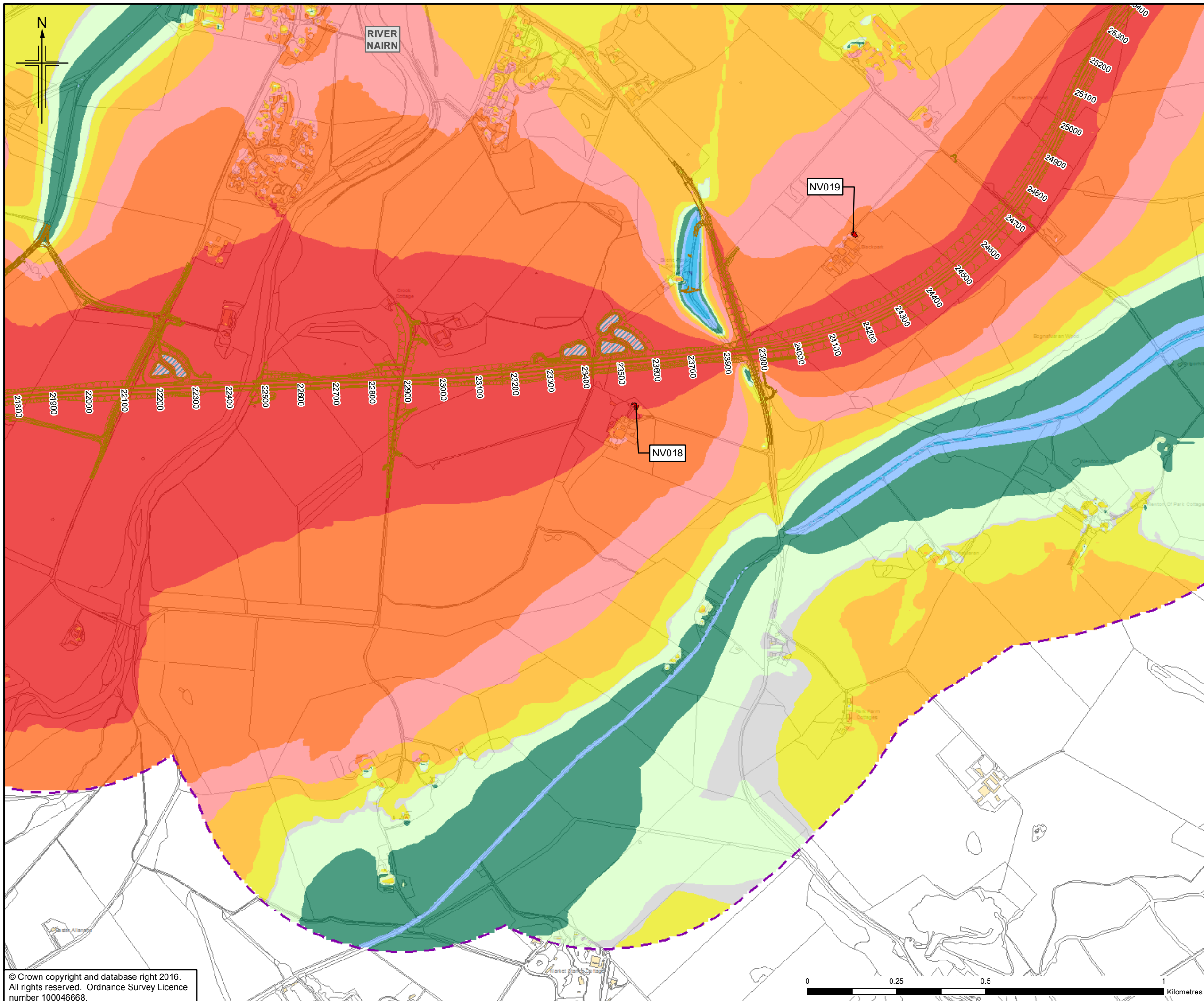
Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11k**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 11 of 16

Drawing Status	FINAL	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2103500	
BIM No.		
Drawing number	B2103500/EN/EIA/DR/811k	Rev 0

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**Legend**

- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)\*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

\* Actual shape of pond/basin will be subject to detailed design

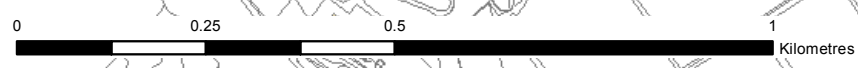
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
0	NOV 2016	ISS Preparation	KA	SG	BMCK	ENG

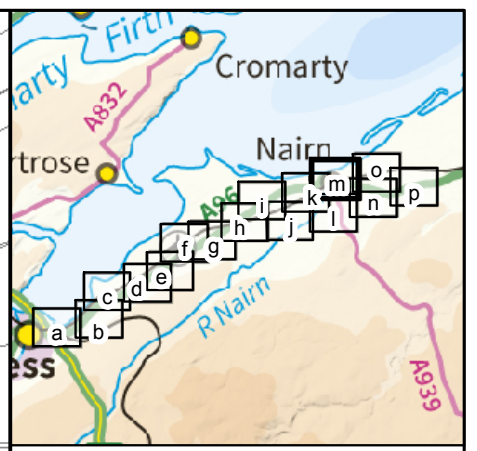
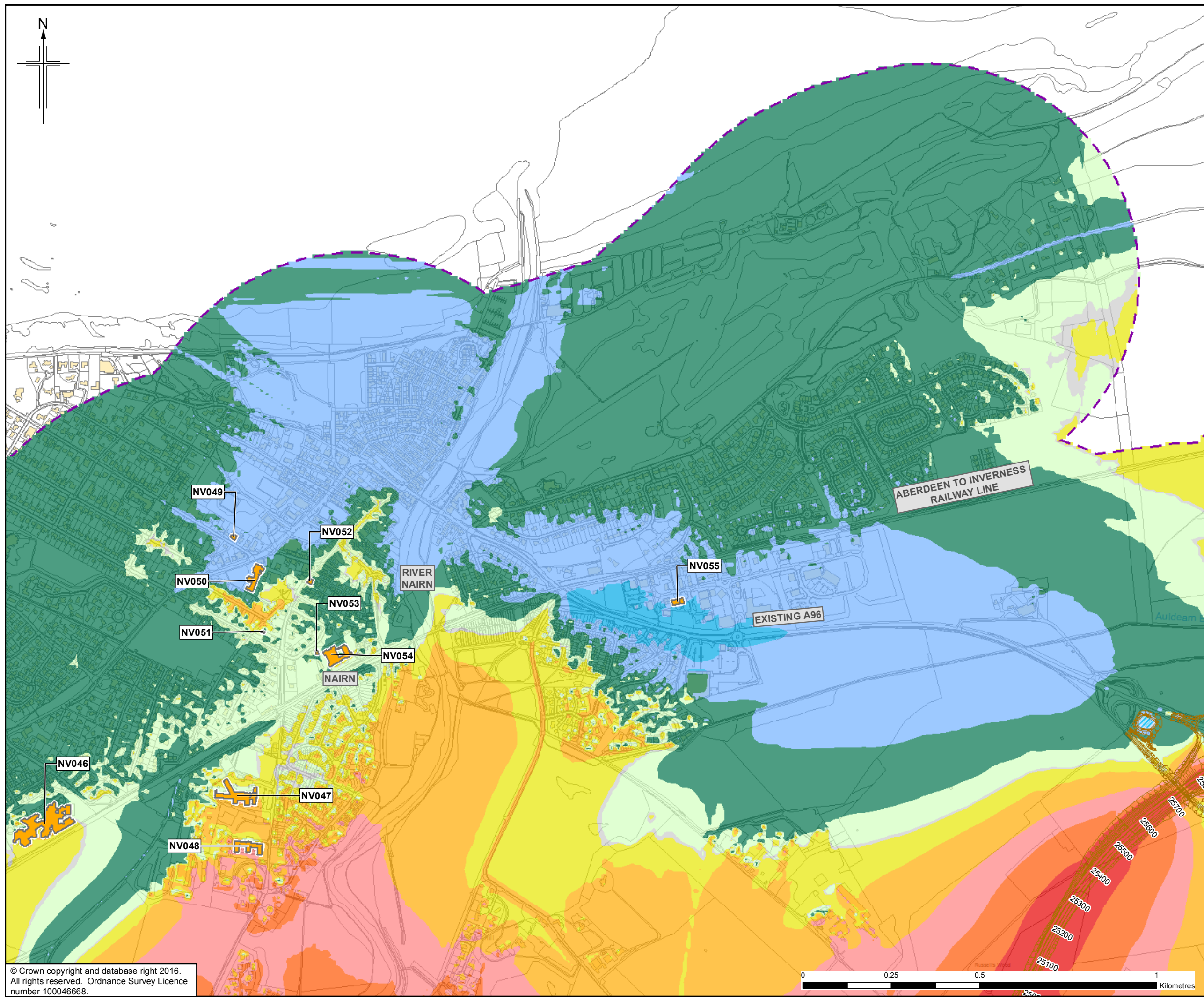
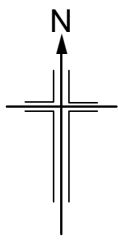
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**Figure 8.111**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**

Drawing Status	FINAL		Sheet 12 of 16
Scale	1:10,000 @ A3	DO NOT SCALE	
Jacobs No.	B2103500		
BIM No.			
Drawing number	B2103500/EN/EIA/DR/8111	Rev	0





**Legend**

- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)\*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 < x < 1 dB
- x = 0 dB
- 1 < x < 0 dB
- 3 < x ≤ -1 dB
- 5 < x ≤ -3 dB
- 10 < x ≤ -5 dB
- x ≤ -10 dB

\* Actual shape of pond/basin will be subject to detailed design

Rev	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
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 COMHDAHL ALBA

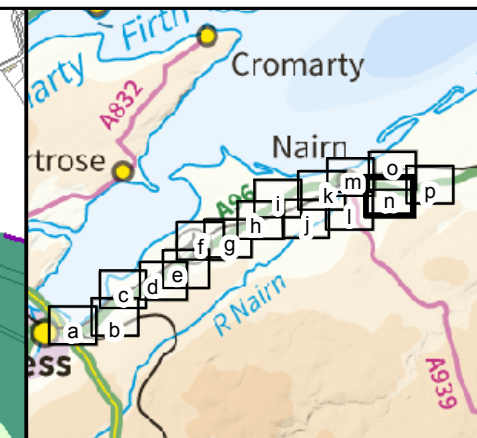
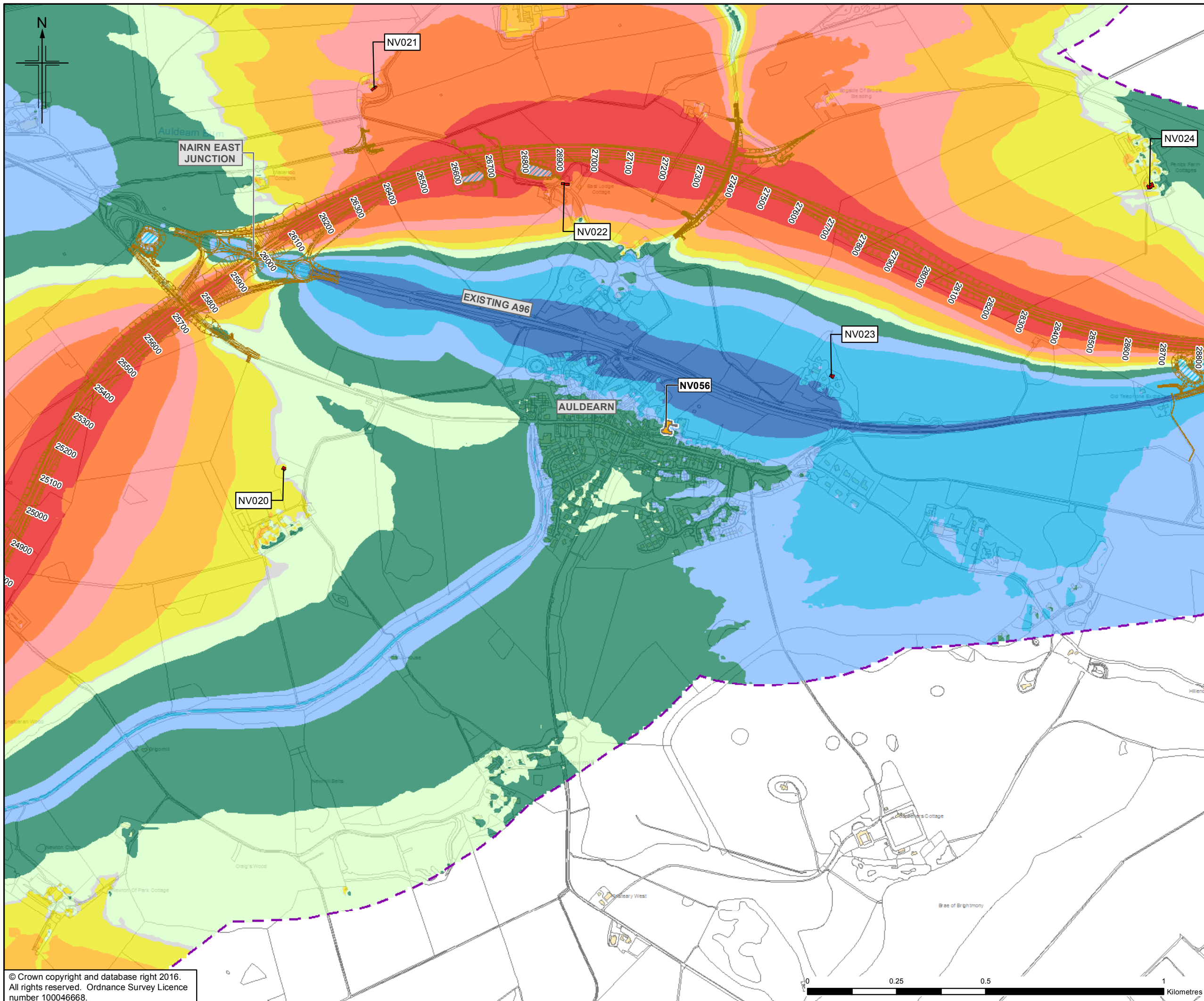
Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11m**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 13 of 16

Drawing Status	FINAL	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2103500	
BIM No.		
Drawing number	B2103500/EN/EIA/DR/811m	Rev 0

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**Legend**

- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)\*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

\* Actual shape of pond/basin will be subject to detailed design

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Apprv'd
0	NOV 2016	ISS Preparation	KA	SG	BMCK	ENG

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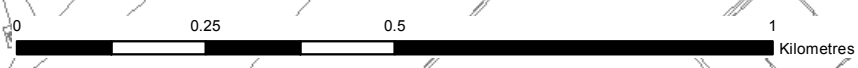
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 COMHDAHL ALBA

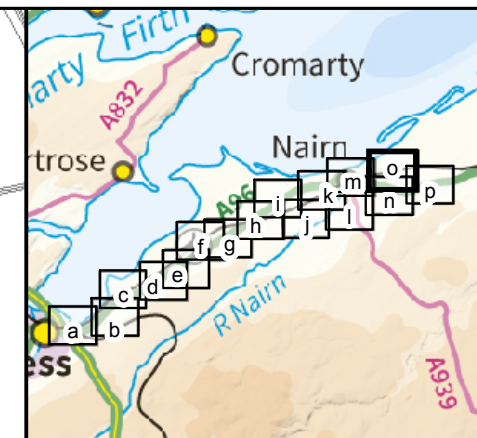
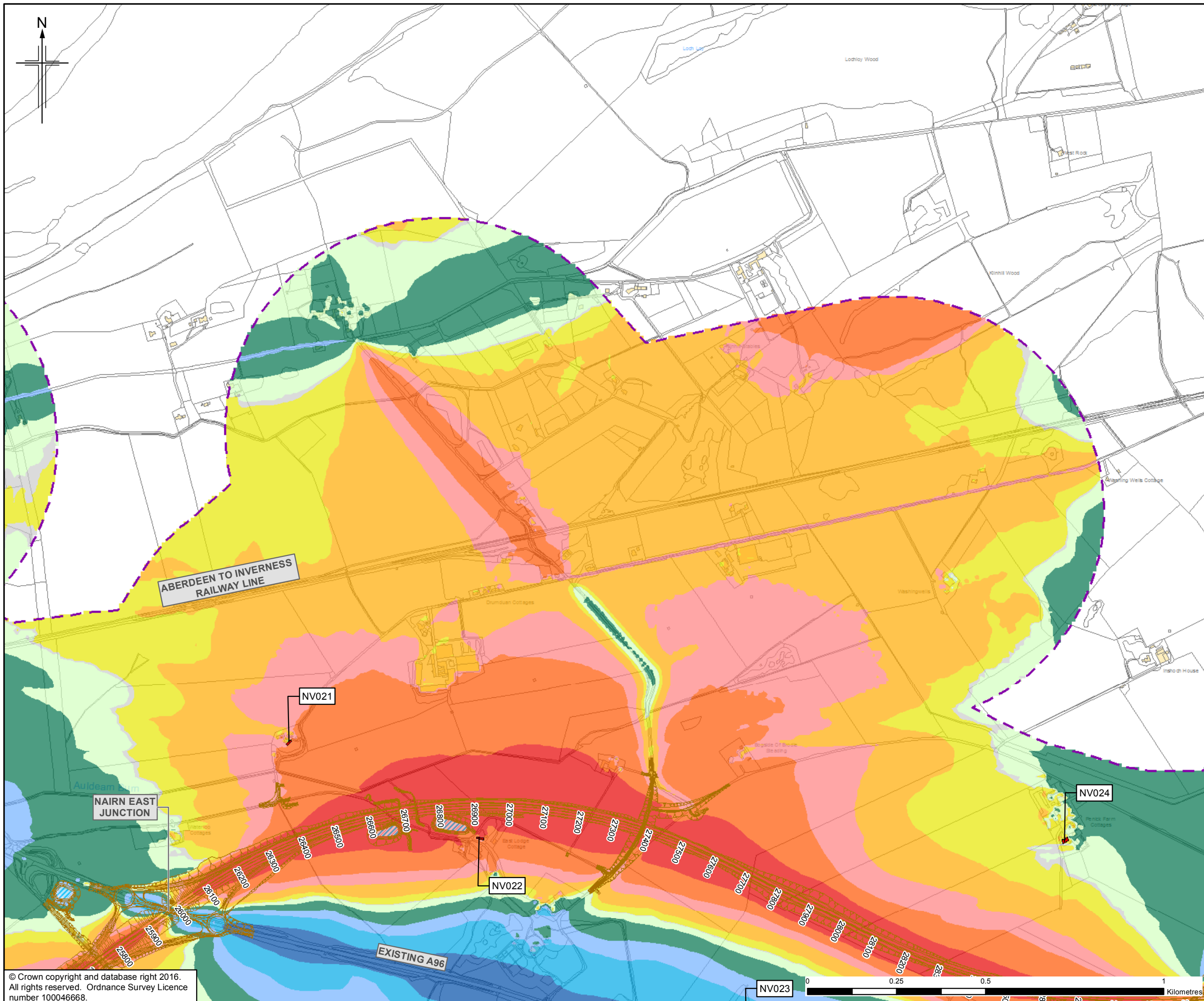
Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11n**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**  
 Sheet 14 of 16

Drawing Status	FINAL	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2103500	
BIM No.		
Drawing number	B2103500/EN/EIA/DR/811n	Rev 0

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- Legend**
- Proposed Scheme (as per Draft Orders)
  - SUDS (e.g. Basin or Pond)\*
  - Calculation Area
  - Health & Education Buildings
  - Sample Receptor
  - Noise Mitigation Barrier
- Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**
- $x \geq 10$  dB
  - $5 \leq x < 10$  dB
  - $3 \leq x < 5$  dB
  - $1 \leq x < 3$  dB
  - $0 < x < 1$  dB
  - $x = 0$  dB
  - $-1 < x < 0$  dB
  - $-3 < x \leq -1$  dB
  - $-5 < x \leq -3$  dB
  - $-10 < x \leq -5$  dB
  - $x \leq -10$  dB

\* Actual shape of pond/basin will be subject to detailed design

9	NOV 2016	ED Preparation	KA	SG	BMCK	ENG
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

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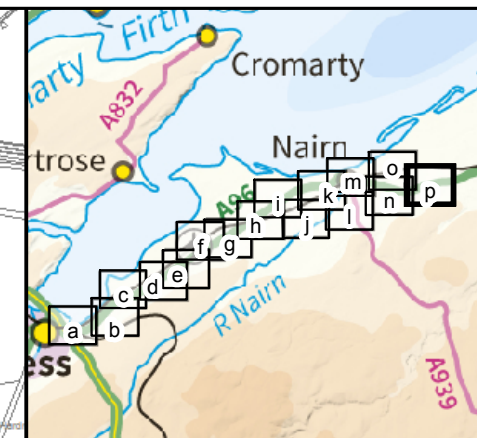
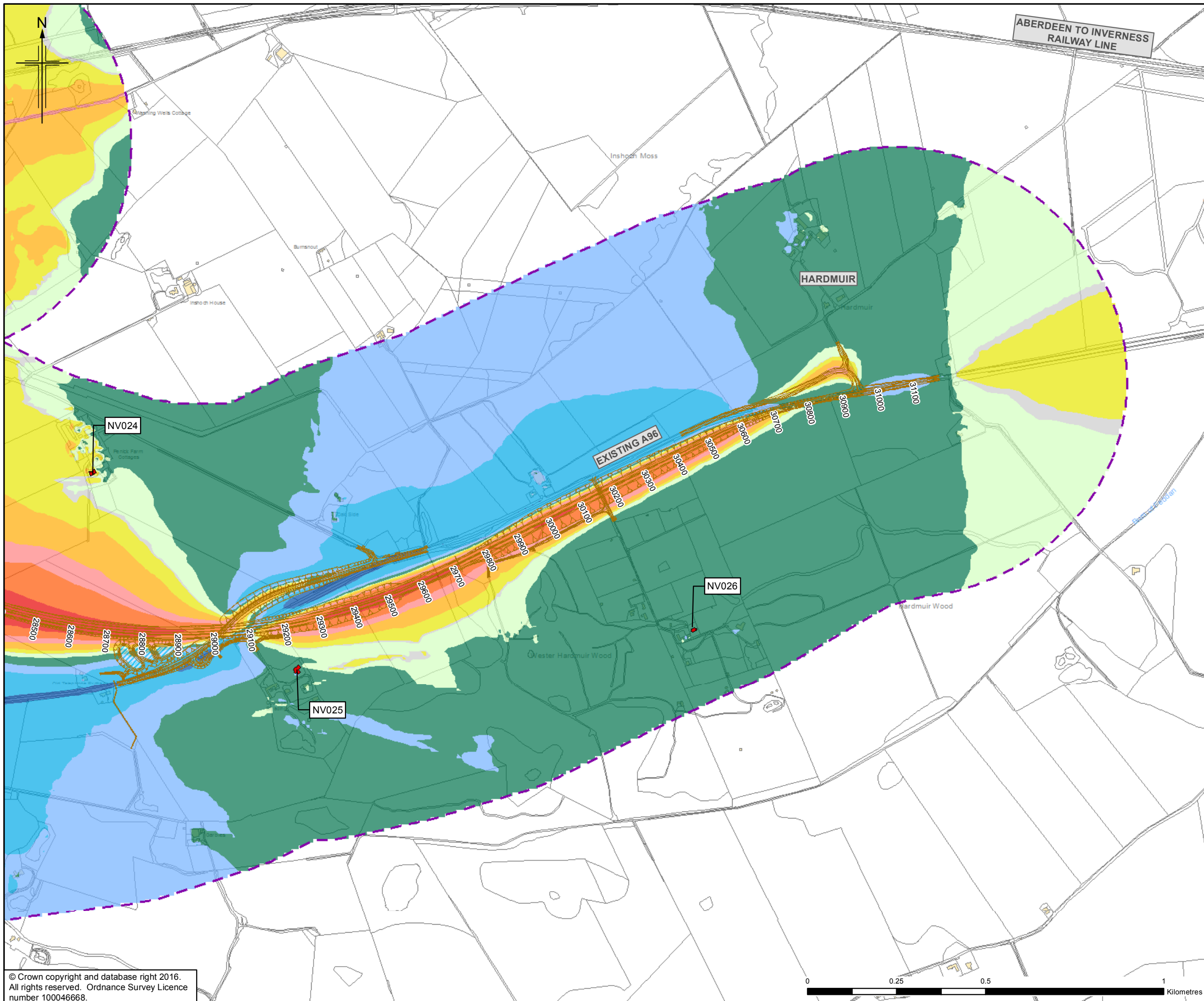
Project  
  
**A96**  
 DUALLING  
 INVERNESS TO NAIRN  
 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11o**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**

Drawing Status	FINAL		Sheet 15 of 16
Scale	1:10,000	@ A3	DO NOT SCALE
Jacobs No.	B2103500		
BIM No.			
Drawing number	B2103500/EN/EIA/DR/811o	Rev	0

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**Legend**

- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)\*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Noise Mitigation Barrier

**Do Minimum Baseline Year Vs Do Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) First Floor**

- x ≥ 10 dB
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- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 < x < 1 dB
- x = 0 dB
- -1 < x < 0 dB
- -3 < x ≤ -1 dB
- -5 < x ≤ -3 dB
- -10 < x ≤ -5 dB
- x ≤ -10 dB

\* Actual shape of pond/basin will be subject to detailed design

9	NOV 2016	IS Production	KA	SG	BMCK	ENG
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 (incl. Nairn Bypass)

Drawing title  
**Figure 8.11p**  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(First Floor) Do-Min. Baseline Year Vs**  
**Do-Something Baseline Year (with Mitigation)**

Drawing Status	FINAL		Sheet 16 of 16
Scale	1:10,000	@ A3	DO NOT SCALE
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BIM No.			
Drawing number	B2103500/EN/EIA/DR/811p	Rev	0

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