

**Legend**

- Proposed scheme (Stage 3 design)
- Noise study area
- Modelled road network
- Additional noise barrier

Predicted noise level difference in dB,  $L_{A10, 18Hr}$ , free-field at 4m above local ground level.

- > 5
- 3 to 4.9
- 1 to 2.9
- 0.1 to 0.9
- 0
- 0.9 to -0.1
- 2.9 to -1
- 4.9 to -3
- < -5

Please note that predicted noise impacts near the bridges are subject to shadowing effects from the bridge structures

Client

TRANSPORT SCOTLAND

An agency of The Scottish Government

**JACOBS ARUP**

Project  
**FORTH REPLACEMENT CROSSING Environmental Statement**

Drawing title  
**Noise Level Difference between Do-Something 2017 with Mitigation and Do-Minimum 2017**

Drawing Status  
**FINAL**

Scale  
**1:25,000 @ A3 DO NOT SCALE**

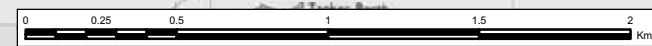
Client no.  
**RD001675**

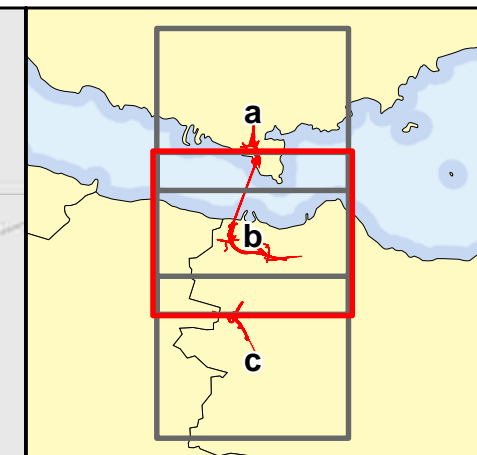
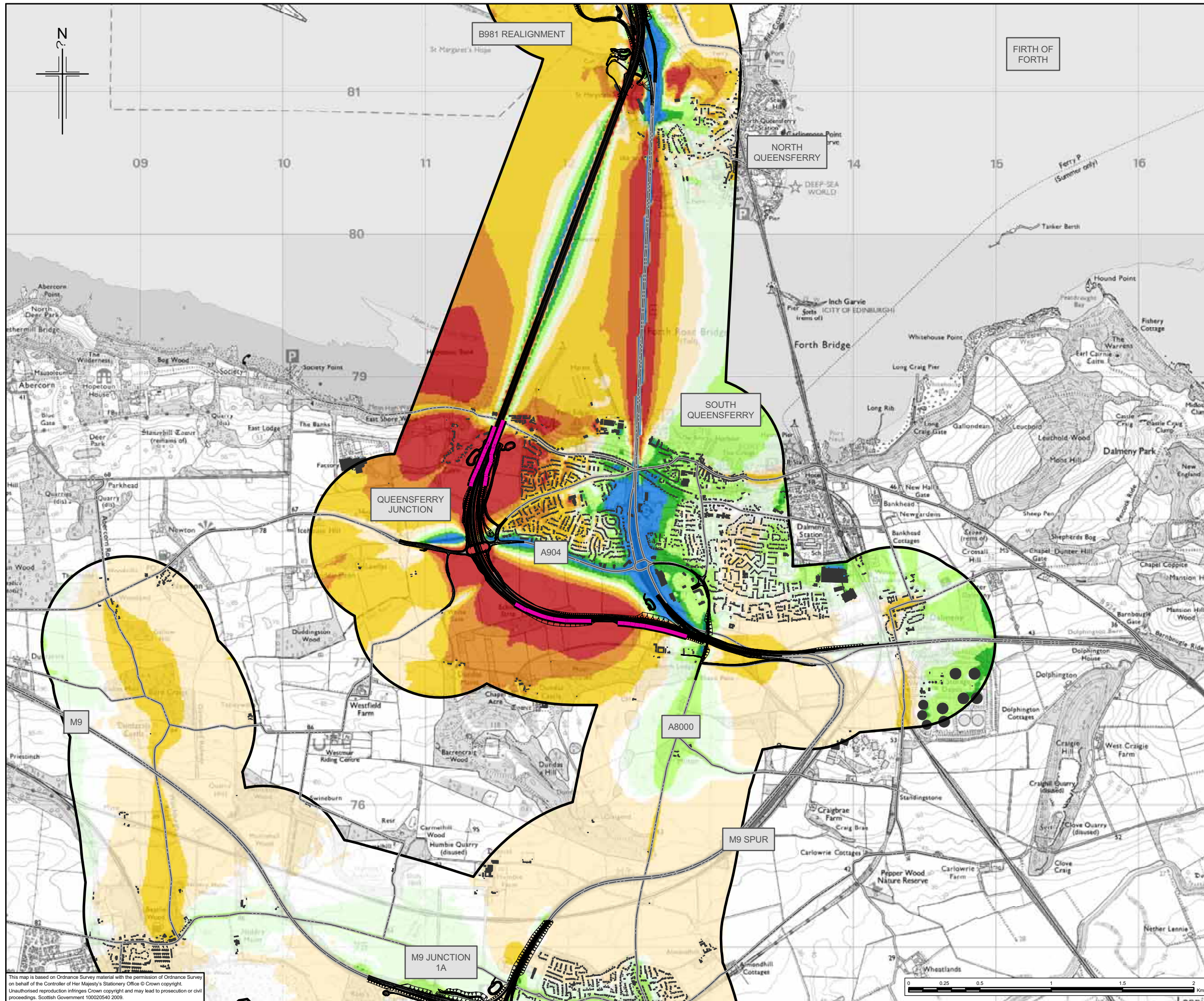
Drawing number  
**FIGURE 16.13a**

Rev  
**0**

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1:25,000 @ A3 DO NOT SCALE

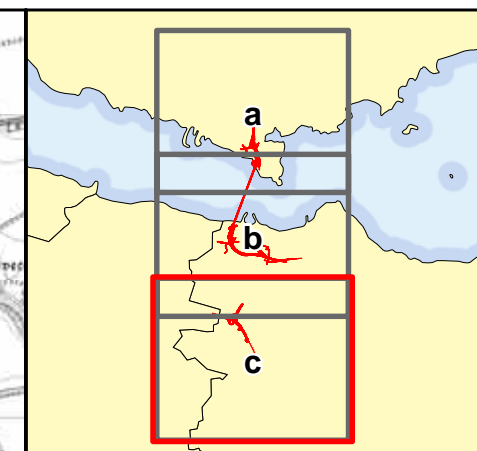
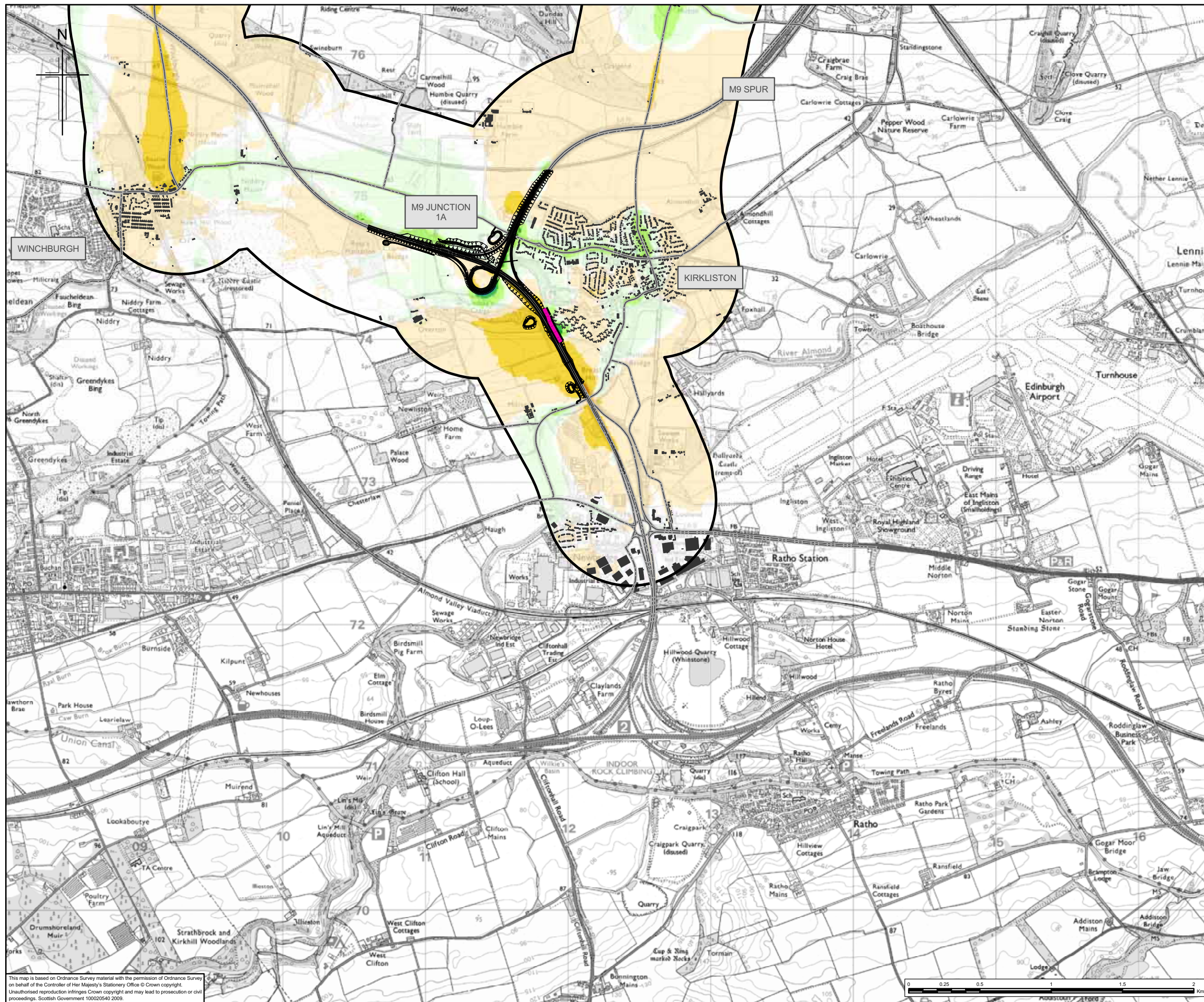
Client no.  
RD001675

Drawing number  
**FIGURE 16.13b**

Rev  
0

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Drawing Status: FINAL

Scale: 1:25,000 @ A3 DO NOT SCALE

Client no. RD001675

Drawing number **FIGURE 16.13c** Rev 0

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