



**WHITESTONE**  
solar farm

# WHITESTONE SOLAR FARM

## Volume 6: Environmental Statement

### 6.19 Chapter 14: Figures

Application Document ref. EN0110020/APP/6.19

Revision 01

June 2026

**Planning Act (2008)**  
Infrastructure Planning (Applications: Prescribed  
Forms and Procedure)  
Regulations 2009  
Regulations 5(2)(a)

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## CHAPTER 14: FIGURES

Document status					
Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
Rev01	DCO Submission	ERM	DWD, TLT, Whitestone Net Zero Ltd	Whitestone Net Zero Ltd	1 June 2026

Approval for issue		
Whitestone Net Zero Ltd		1 June 2026

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**Prepared by:**

**ERM**

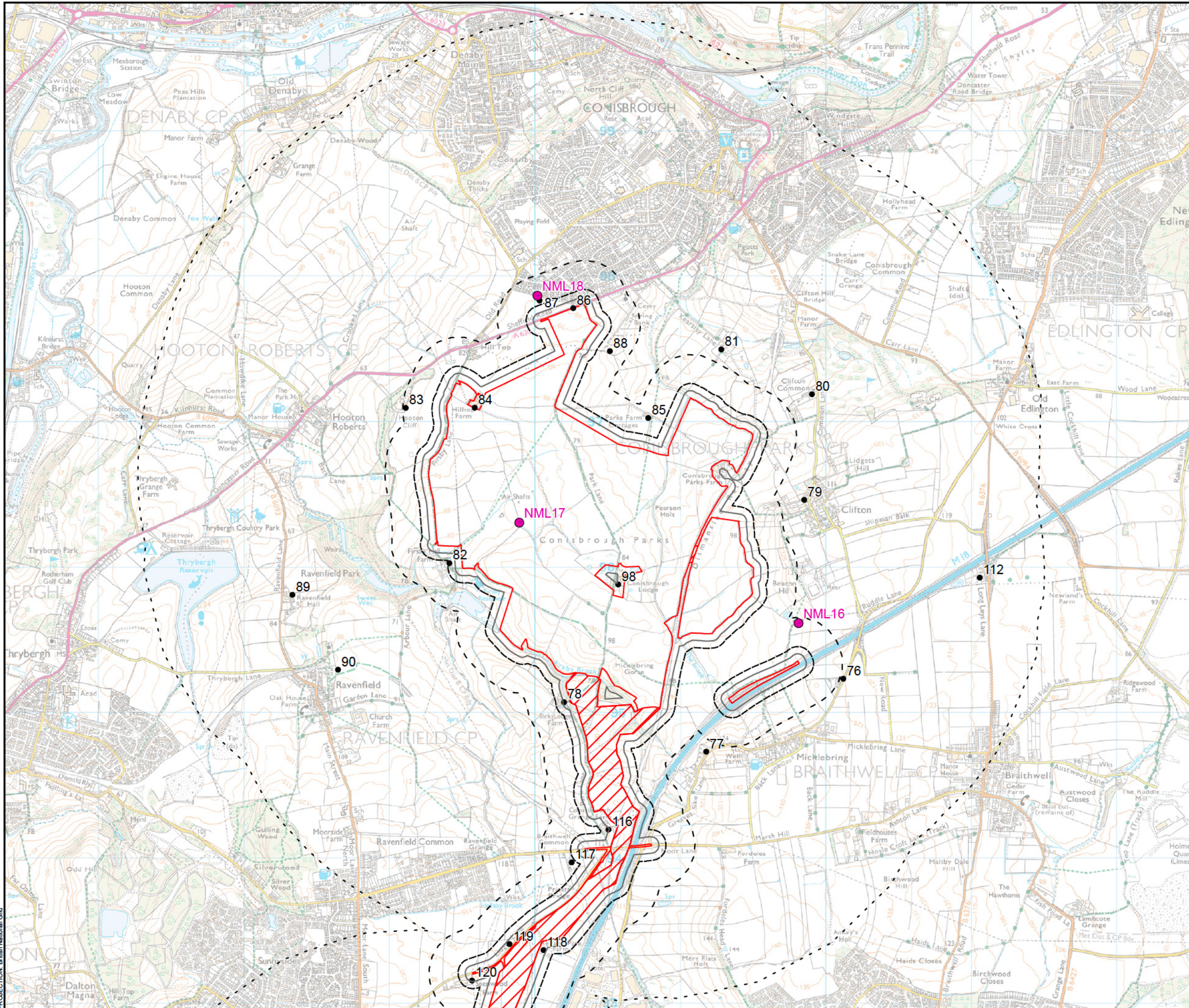
**Prepared for:**

**Whitestone Net Zero Ltd.**

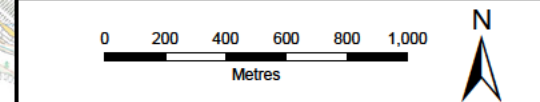
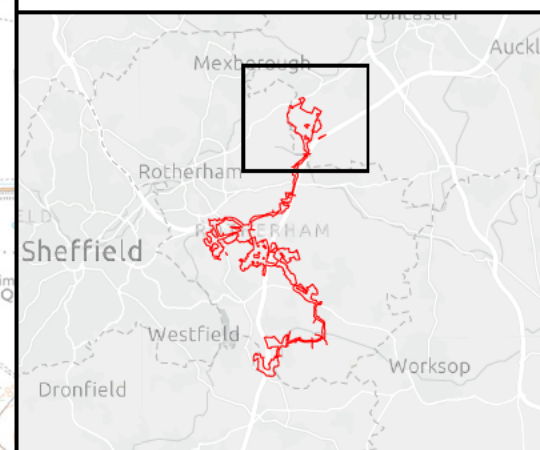
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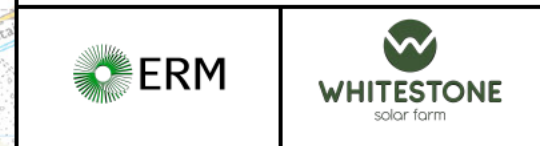
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- Cable Route
- 50 m Study Area
- 100 m Study Area (Construction Vibration)
- 300 m Study Area (Construction Noise)
- 2 km Study Area (Operational Noise)
- Assessment Location
- Noise Monitoring Location



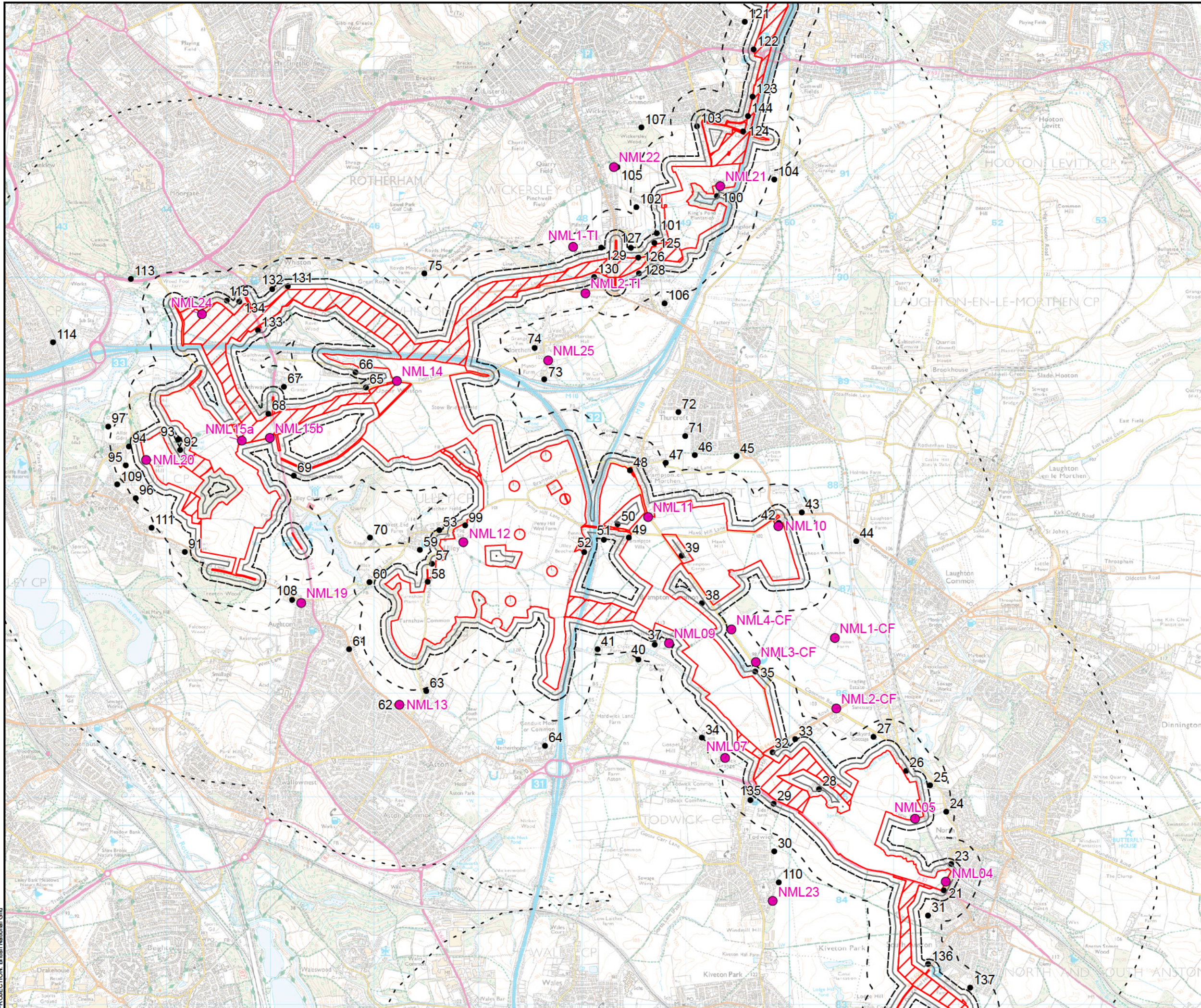
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DATE: 27/05/2026	APPROVED: NC

**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 14.1  
Noise Monitoring Locations - W1  
Sheet 1 of 1**

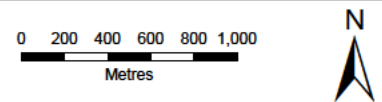
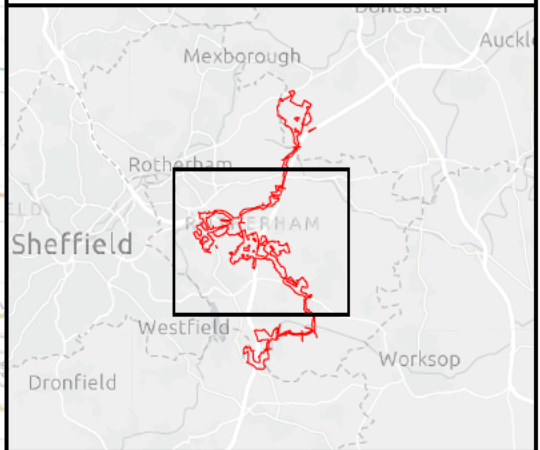
**Reference: EN0110020/APP/6.19**  
Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009 -  
Regulations 5(2)(a)



PROJECTION: British National Grid



- Order Limits
- Cable Route
- 50 m Study Area
- 100 m Study Area (Construction Vibration)
- 300 m Study Area (Construction Noise)
- 2 km Study Area (Operational Noise)
- Assessment Location
- Noise Monitoring Location



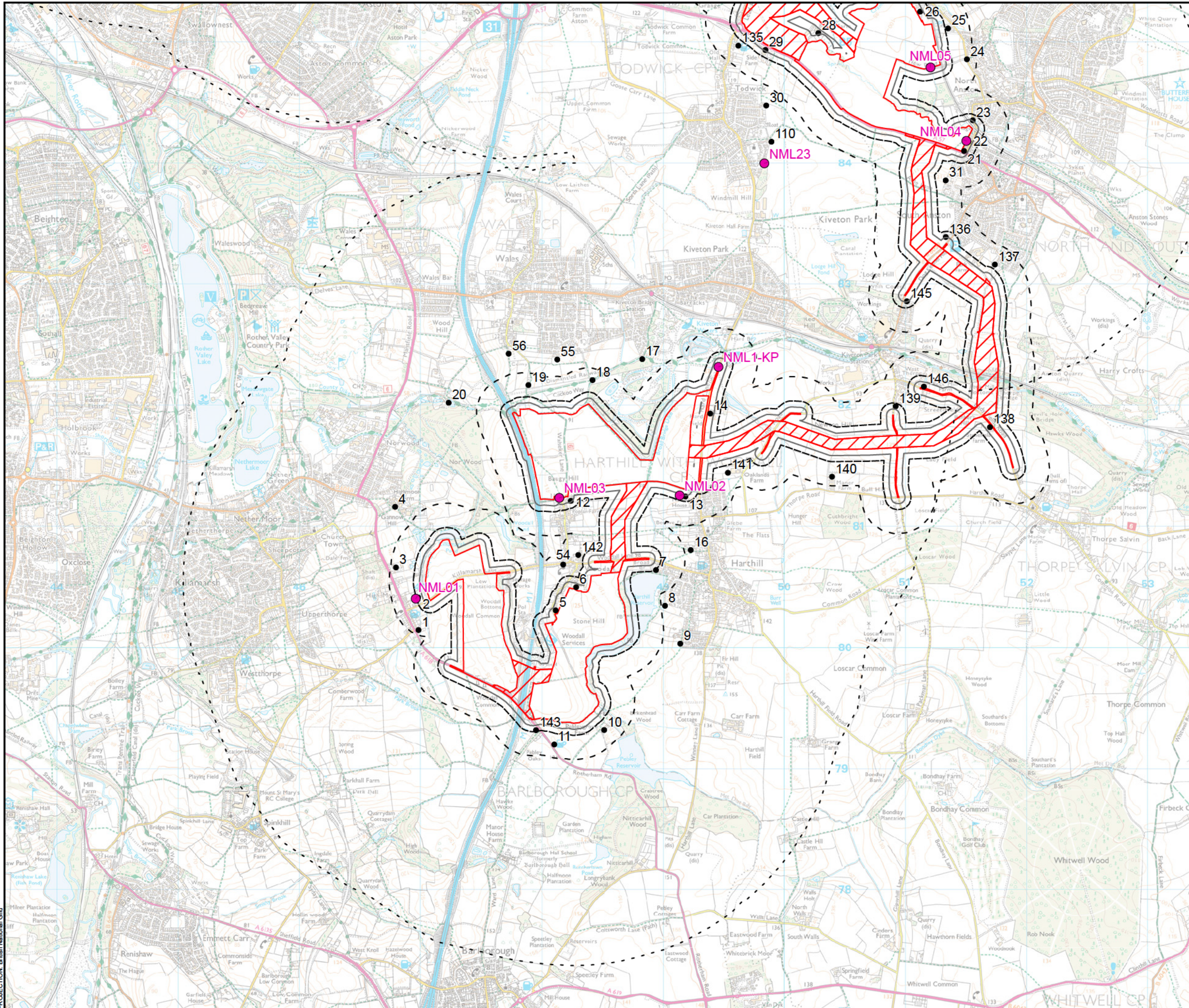
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**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 14.2  
Noise Monitoring Locations - W2  
Sheet 1 of 1**

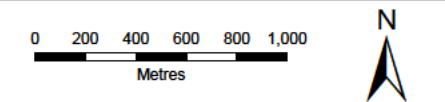
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Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009 -  
Regulations 5(2)(a)



PROJECTION: British National Grid



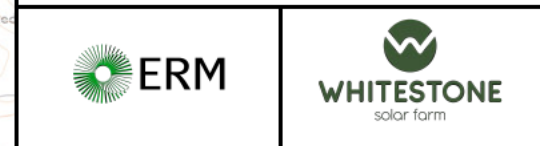
- Order Limits
- Cable Route
- 50 m Study Area
- 100 m Study Area (Construction Vibration)
- 300 m Study Area (Construction Noise)
- 2 km Study Area (Operational Noise)
- Assessment Location
- Noise Monitoring Location



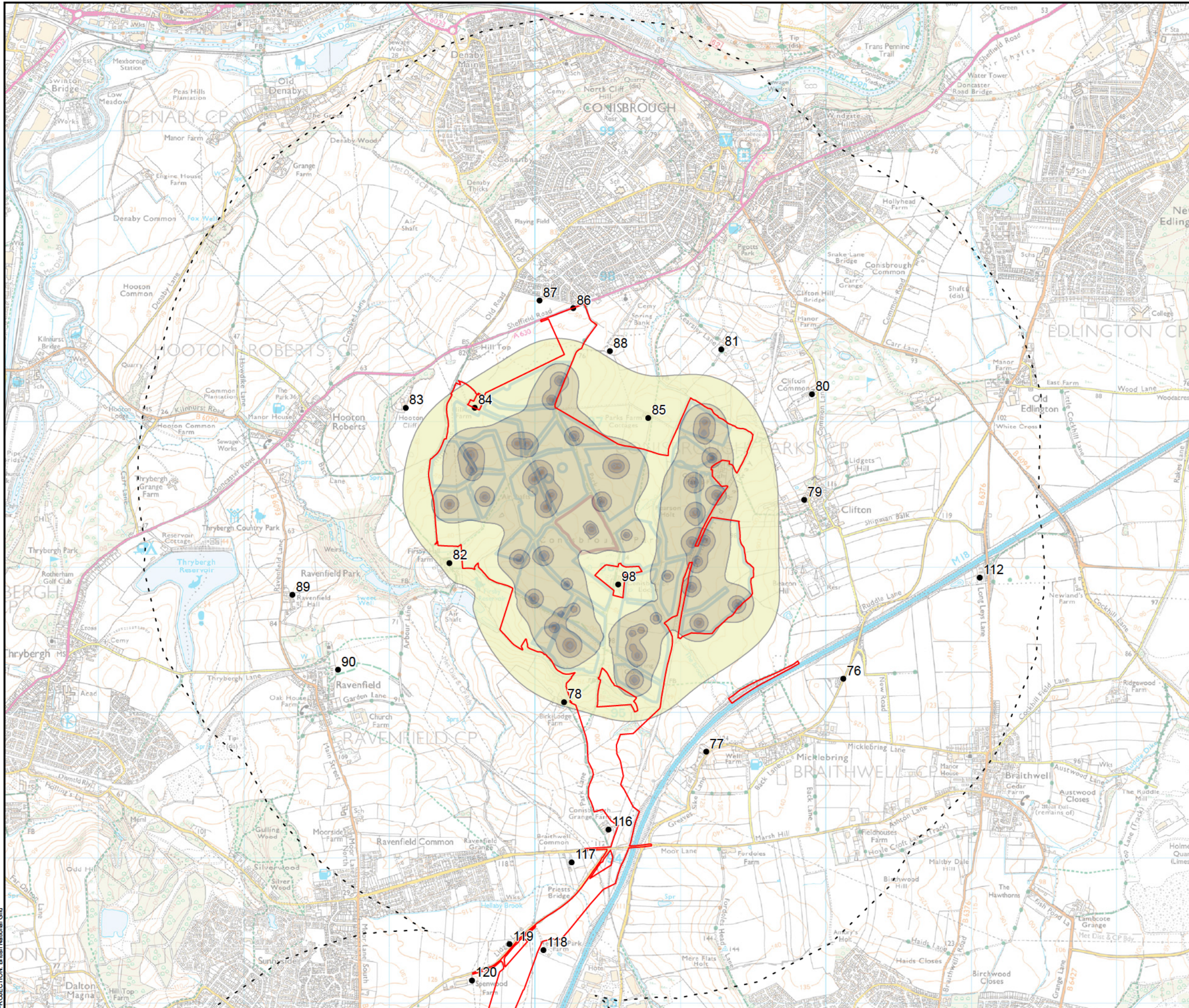
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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.3**  
**Noise Monitoring Locations - W3**  
**Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
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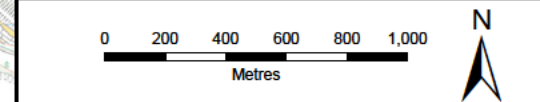
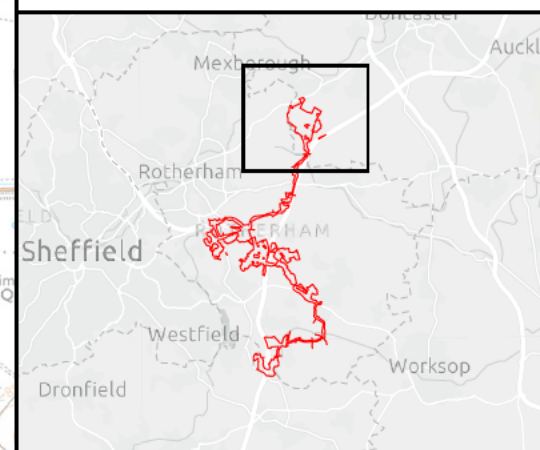
PROJECTION: British National Grid



**Order Limits**  
**PV Area**  
**Substation**  
 - - - 2 km Study Area (Operational Noise)  
 • Assessment Location

**Specific Level L<sub>d</sub> dBA**

- < 30
- 30 - 35
- 35 - 40
- 40 - 45
- 45 - 50
- > 50

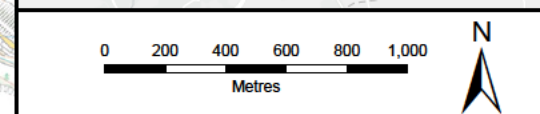
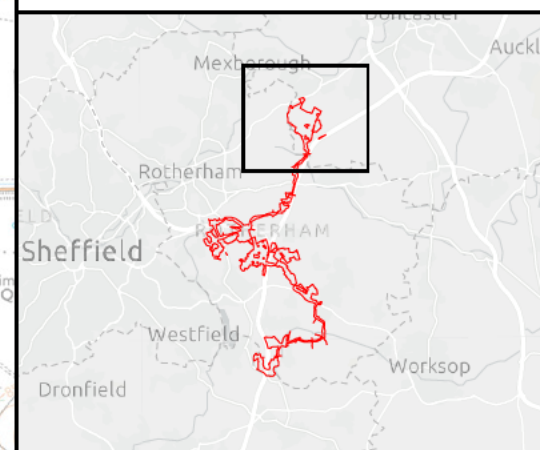
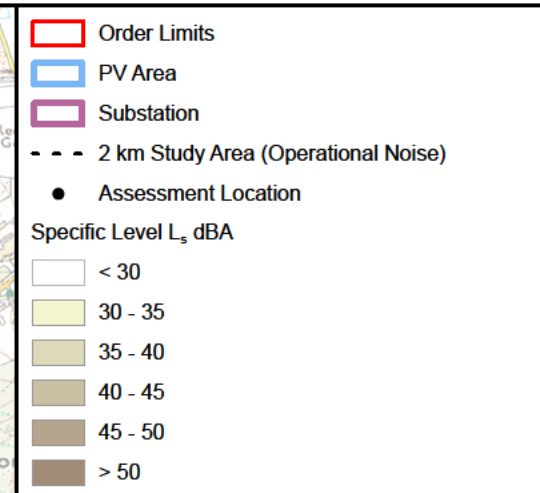
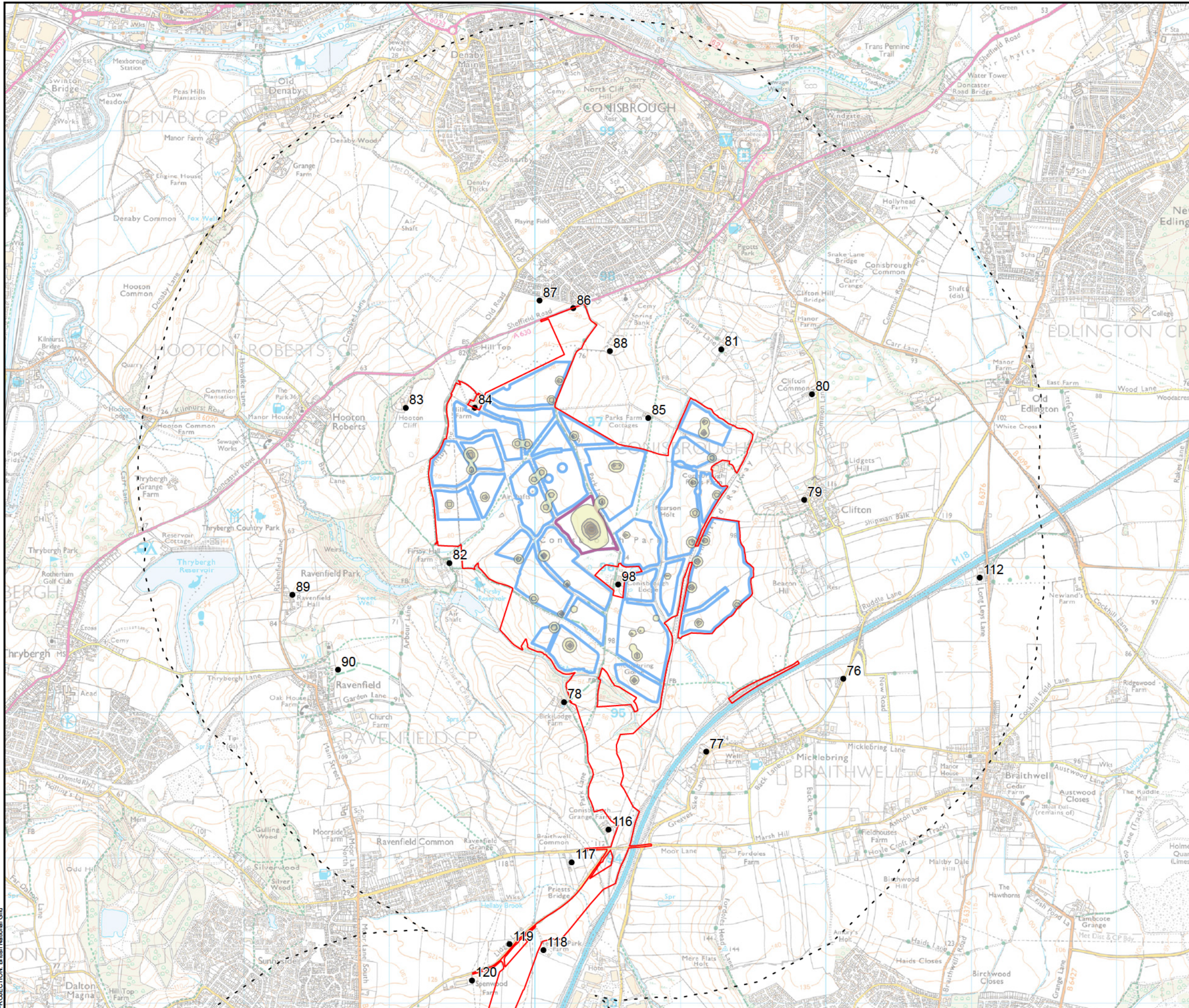


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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.4**  
**Operational Noise Contours - W1, Daytime**  
**Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)

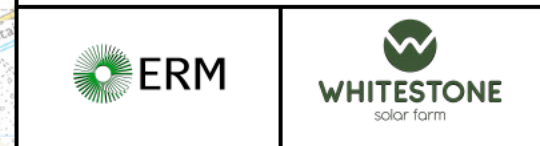
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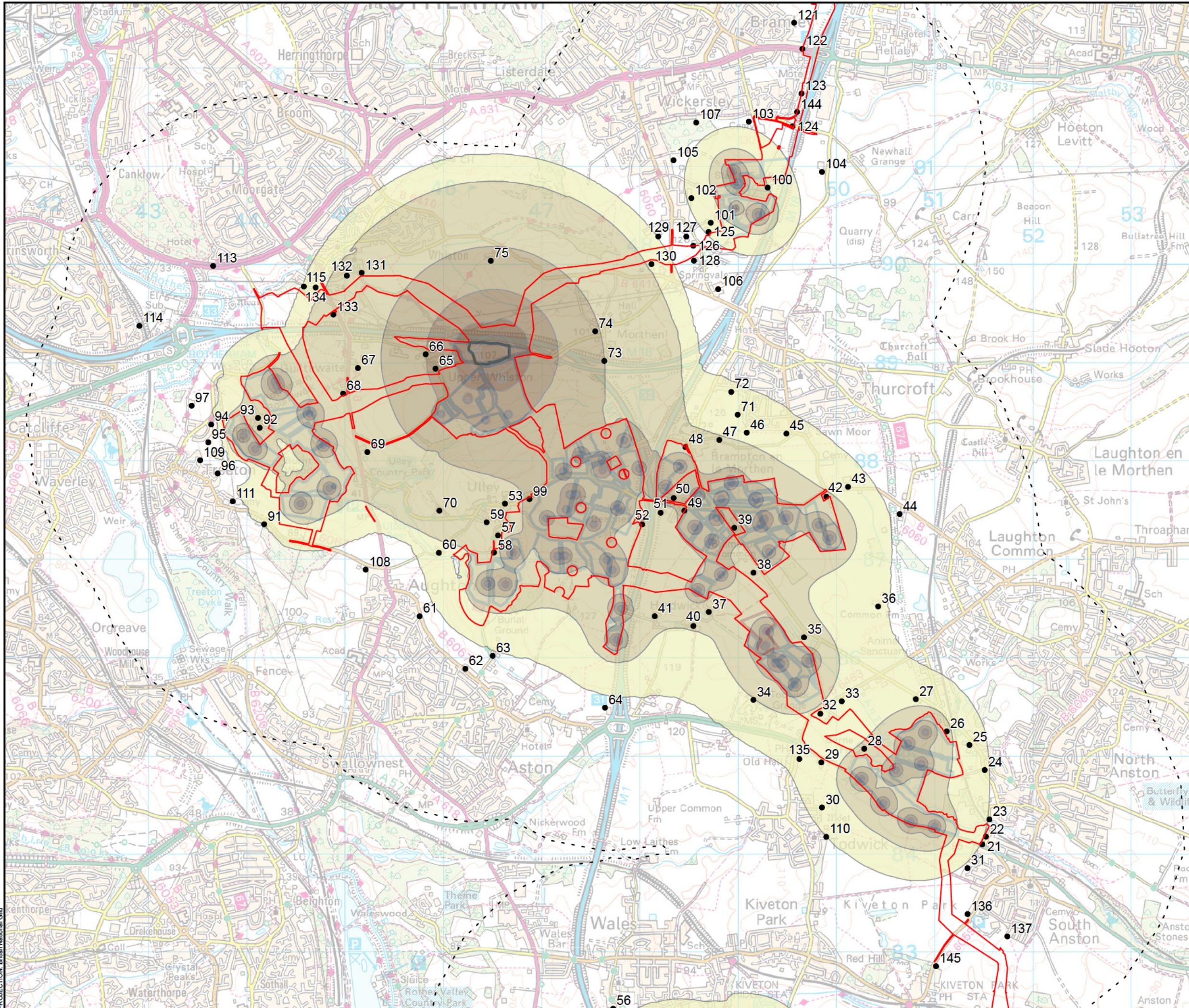
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**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 14.5  
Operational Noise Contours - W1, Night-time  
Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



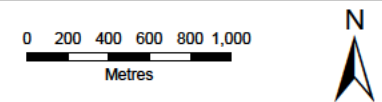
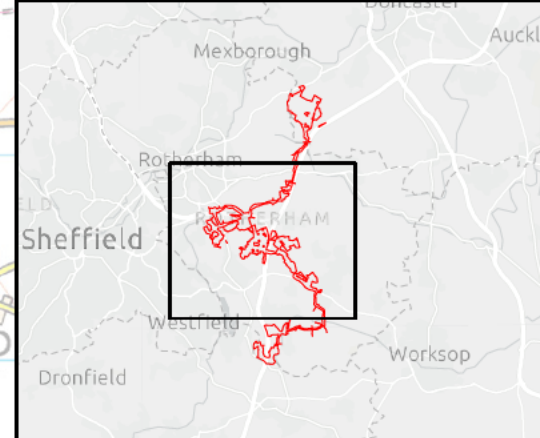
PROJECTION: British National Grid



**Order Limits**  
 PV Area  
 Substation  
 BESS  
 - - - 2 km Study Area (Operational Noise)  
 • Assessment Location

**Specific Level L<sub>5</sub> dBA**

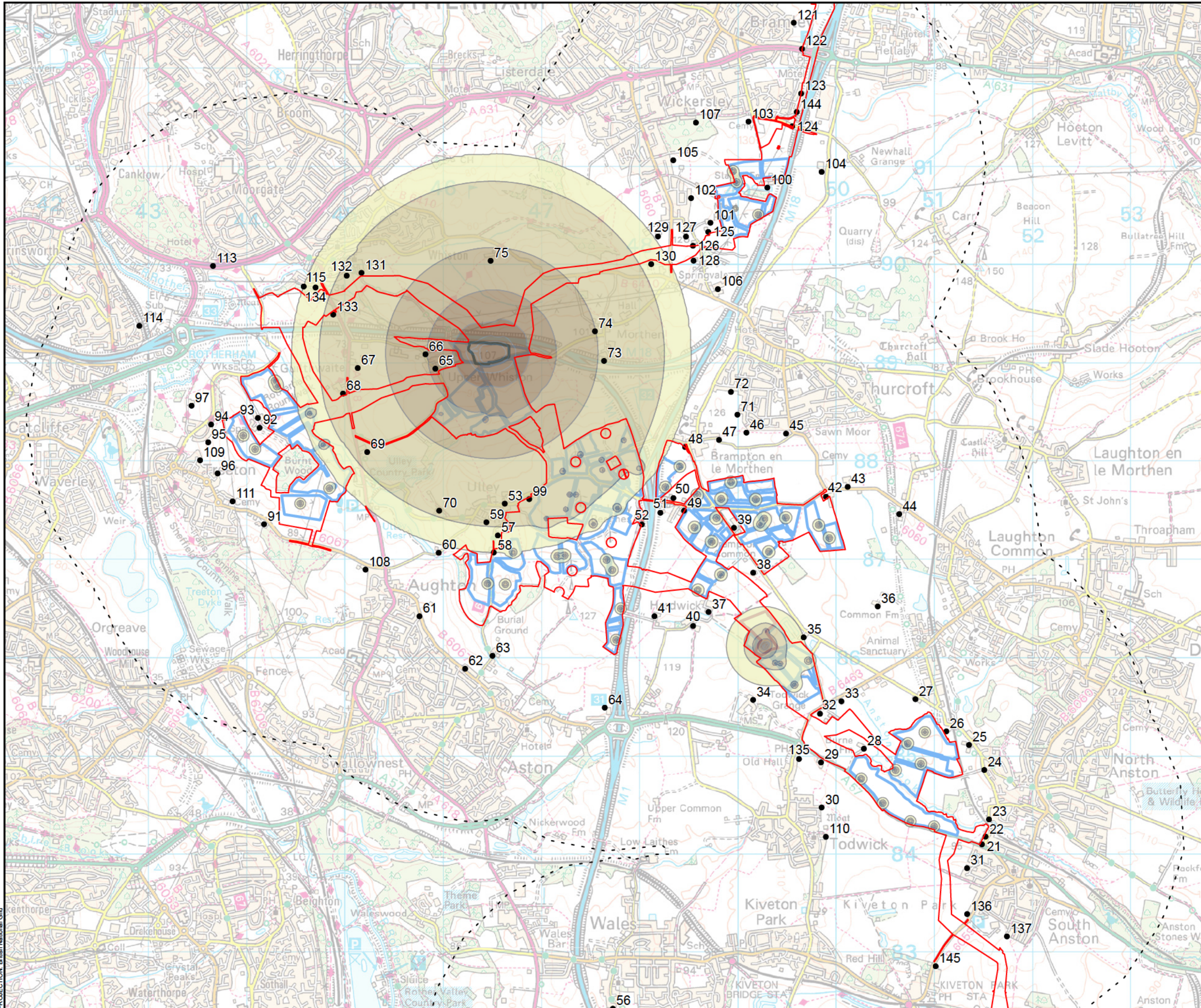
- < 30
- 30 - 35
- 35 - 40
- 40 - 45
- 45 - 50
- > 50



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APPLICATION: EN0110020	CHECKED: RW
DATE: 11/05/2026	APPROVED: NC

**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.6**  
**Operational Noise Contours - W2, Daytime**  
**Sheet 1 of 1**

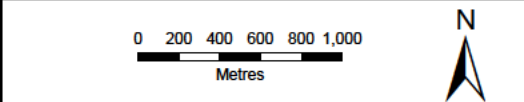
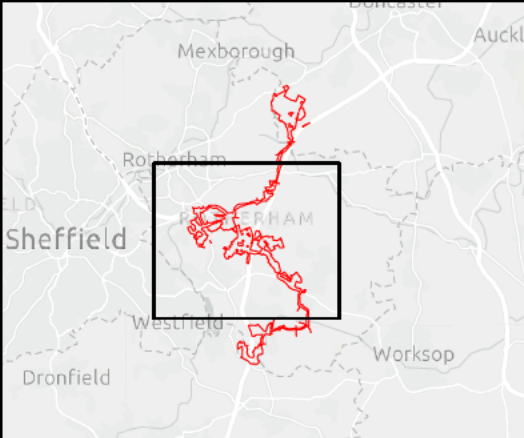
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 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



**Order Limits**  
**PV Area**  
**Substation**  
**BESS**  
 - - - 2 km Study Area (Operational Noise)  
 • Assessment Location

**Specific Level L<sub>s</sub> dBA**

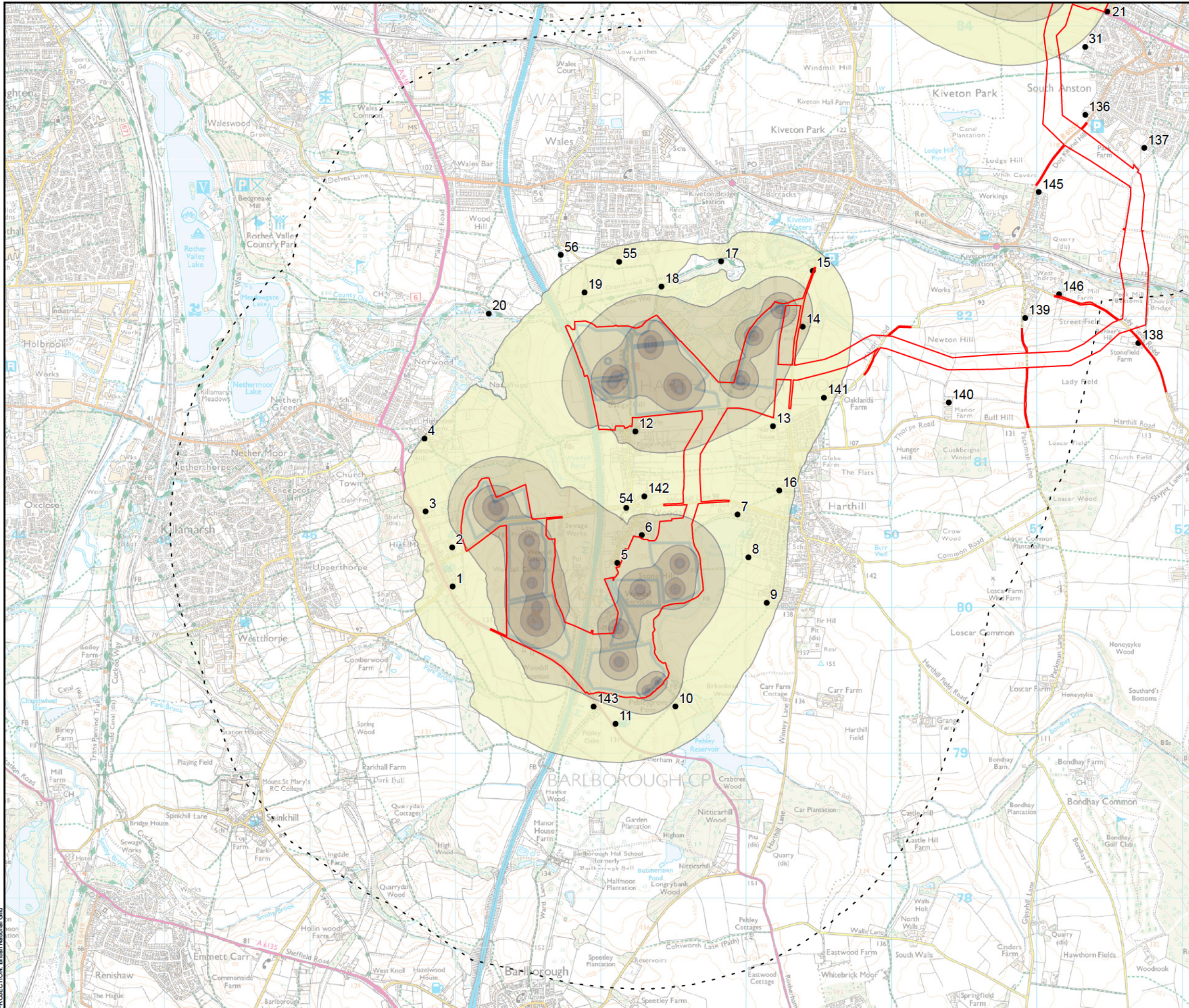
- < 30
- 30 - 35
- 35 - 40
- 40 - 45
- 45 - 50
- > 50



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DATE: 11/05/2026	APPROVED: NC

**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.7**  
**Operational Noise Contours - W2, Night-time**  
**Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



**Order Limits**  
 [Red outline] Order Limits

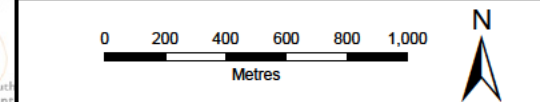
**PV Area**  
 [Blue outline] PV Area

**2 km Study Area (Operational Noise)**  
 [Dashed line] 2 km Study Area (Operational Noise)

**Assessment Location**  
 [Black dot] Assessment Location

**Specific Level L<sub>s</sub> dBA**

[Lightest green]	< 30
[Light green]	30 - 35
[Medium green]	35 - 40
[Dark green]	40 - 45
[Brownish green]	45 - 50
[Darkest brown]	> 50

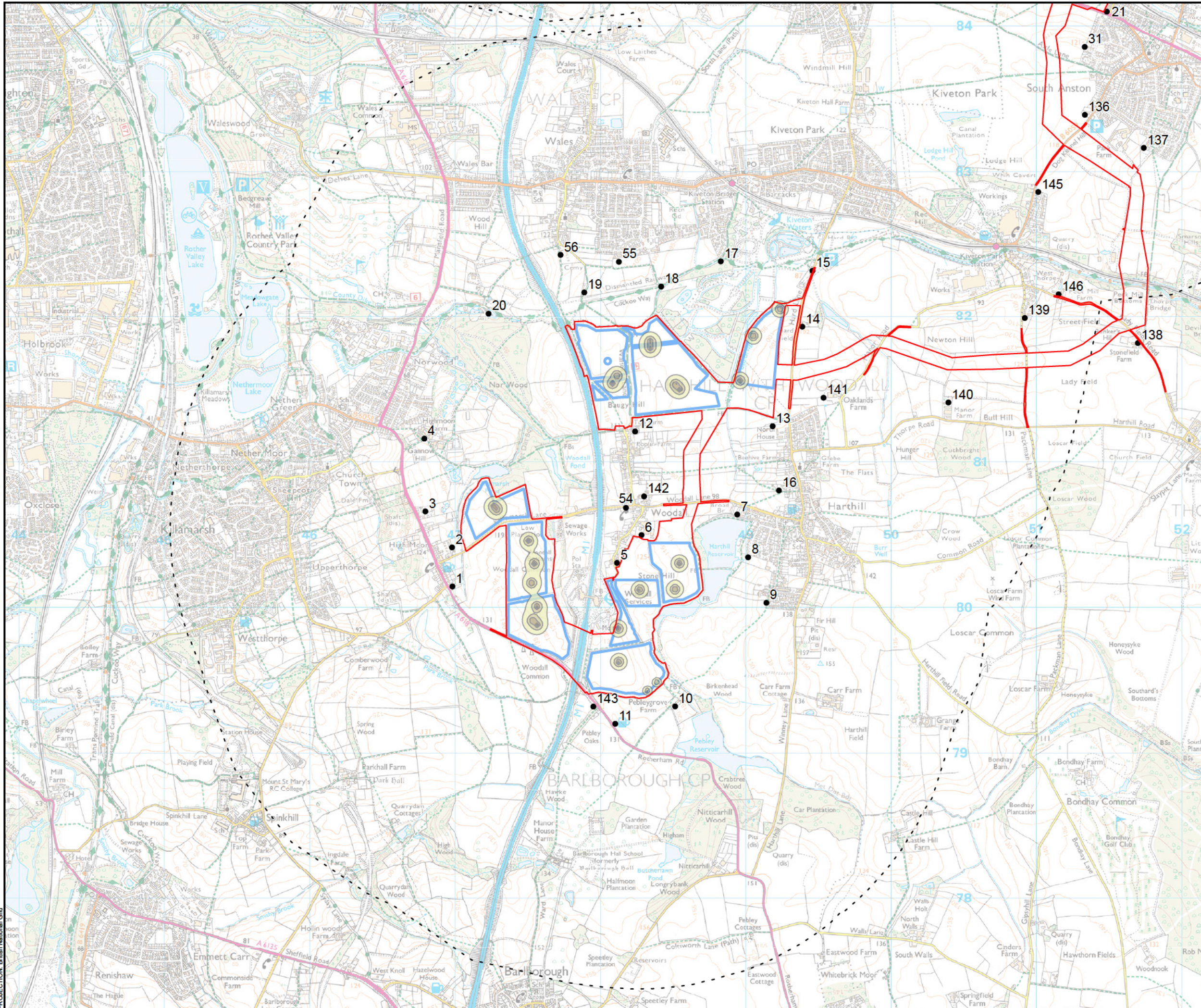


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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.8**  
**Operational Noise Contours - W3, Daytime**  
**Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)

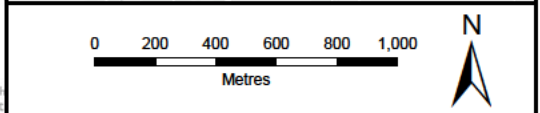
PROJECTION: British National Grid



**Order Limits**  
**PV Area**  
**2 km Study Area (Operational Noise)**  
**Assessment Location**

**Specific Level L<sub>5</sub> dBA**

- < 30
- 30 - 35
- 35 - 40
- 40 - 45
- 45 - 50
- > 50

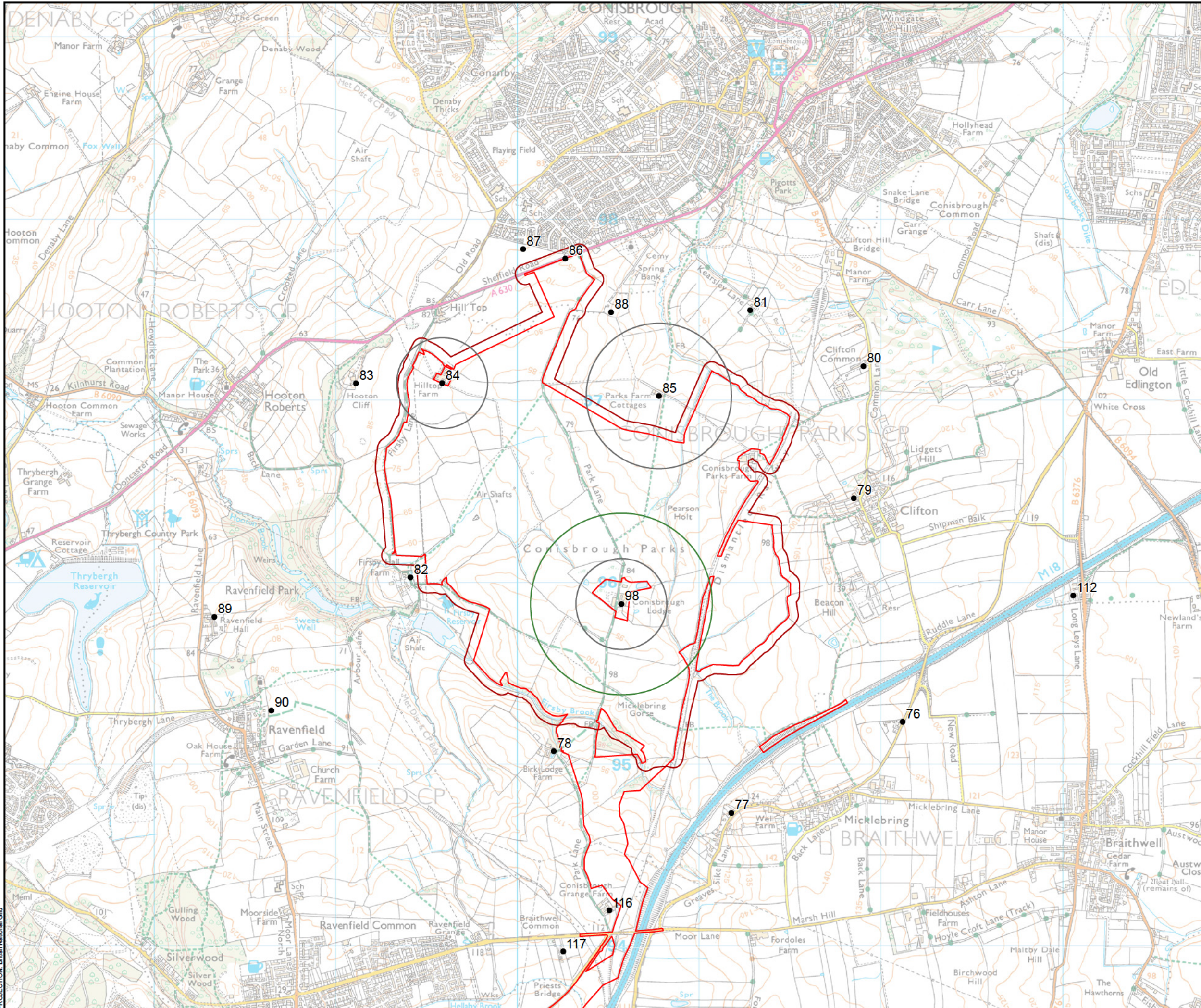


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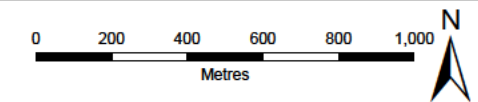
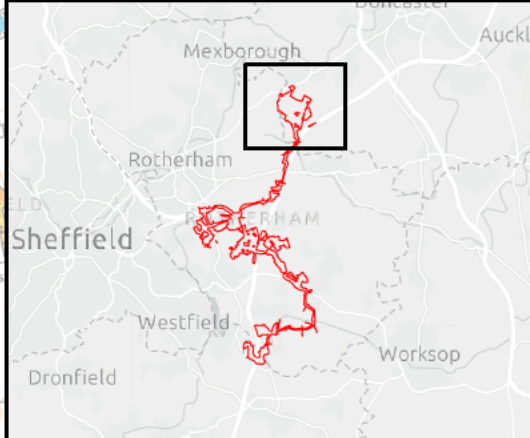
**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.9**  
**Operational Noise Contours - W3, Night-time**  
**Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
**Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)**

PROJECTION: British National Grid



- Order Limits
- Assessment Location
- Screened Central Inverters within Boundary
- Attenuated Central Inverters within Boundary
- No Central Inverters within Boundary



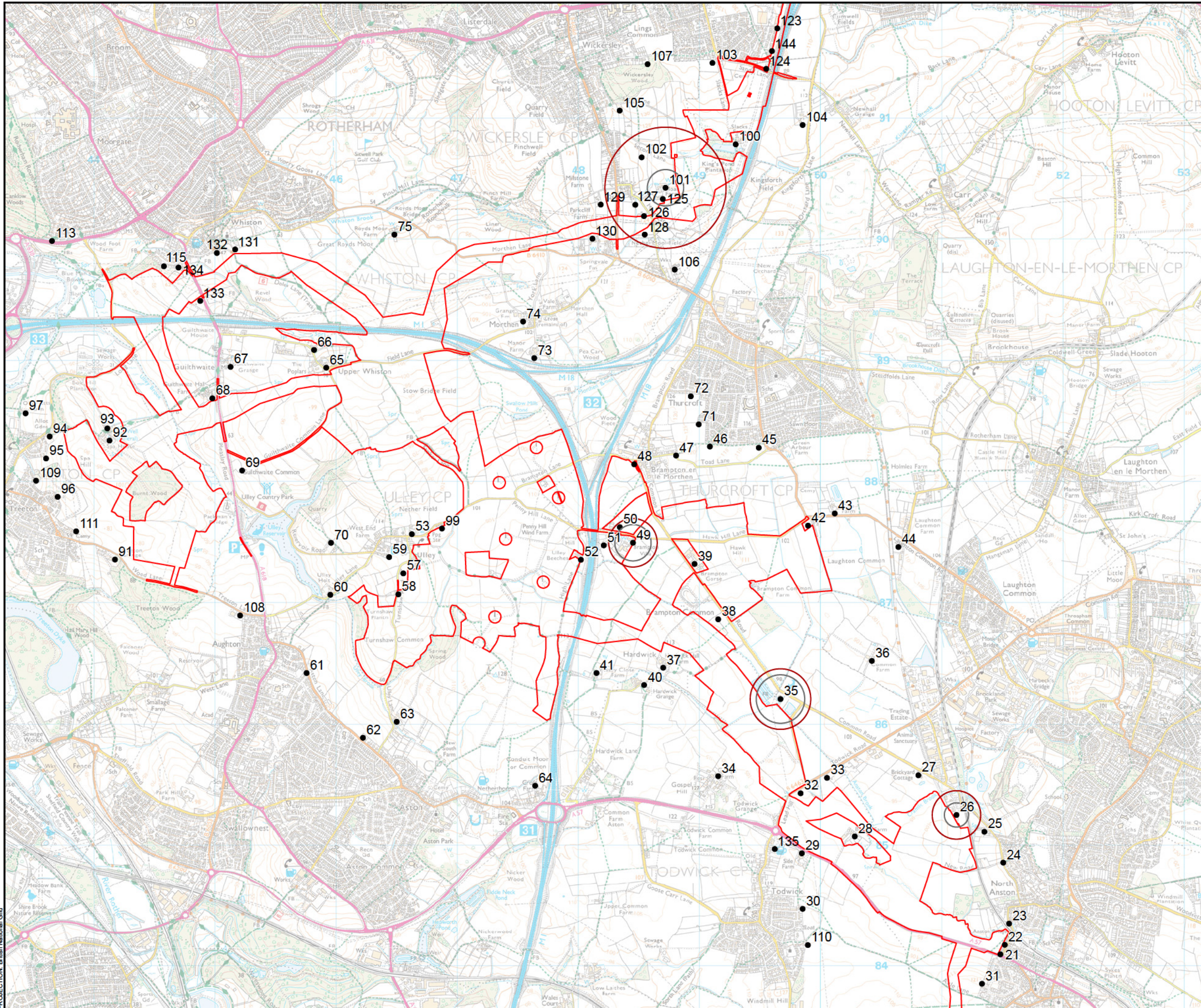
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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.10**  
**Embedded Operational Noise Mitigation - W1**  
**Sheet 1 of 1**

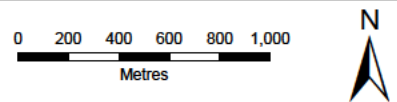
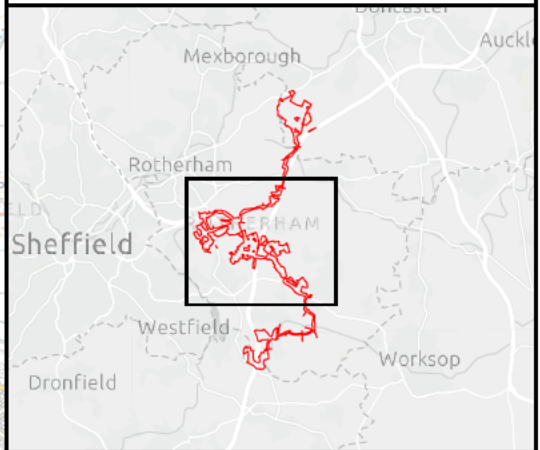
**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



PROJECTION: British National Grid



- Order Limits
- Assessment Location
- Attenuated Central Inverters within Boundary
- No Central Inverters within Boundary



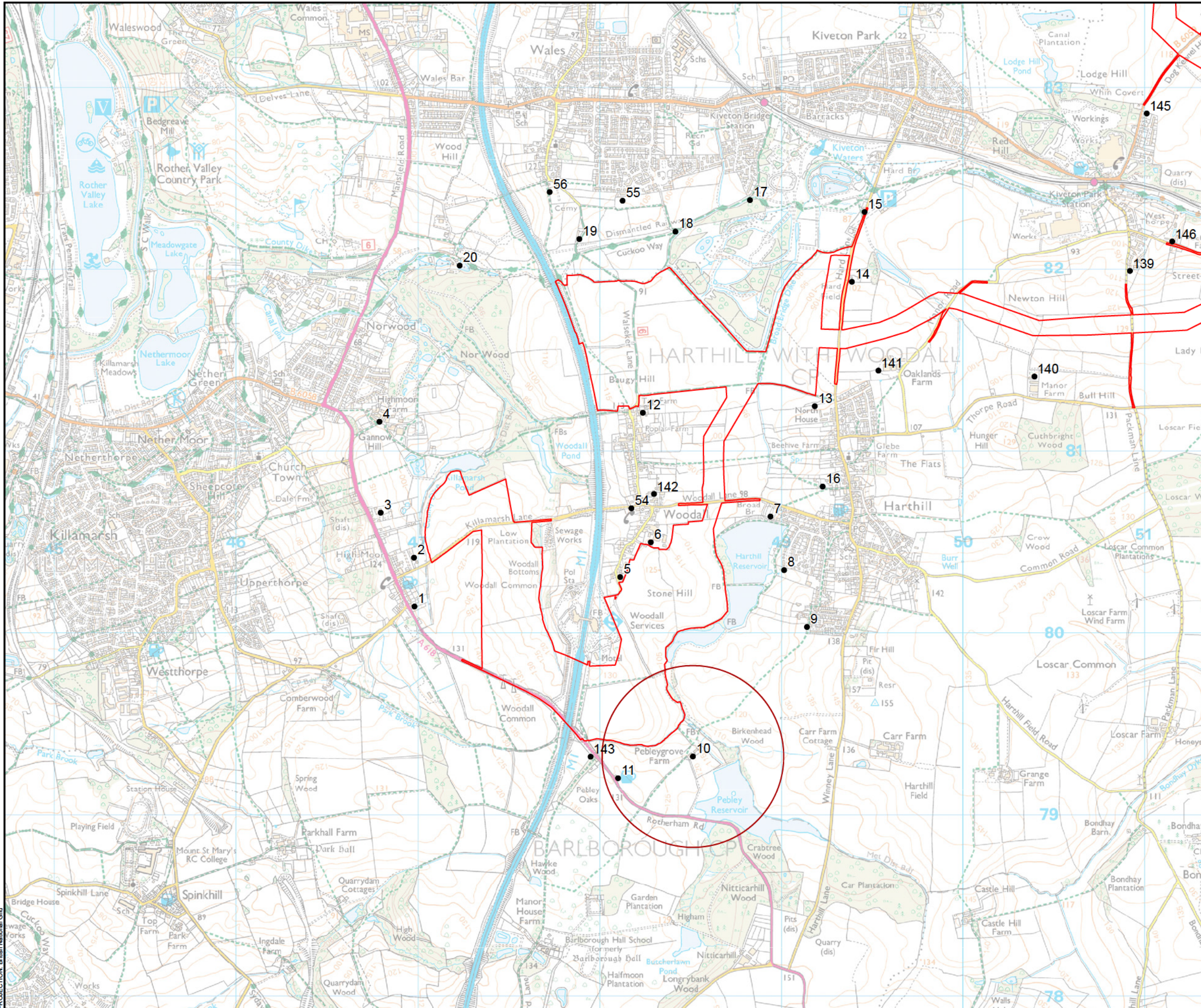
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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.11**  
**Embedded Operational Noise Mitigation - W2**  
**Sheet 1 of 1**

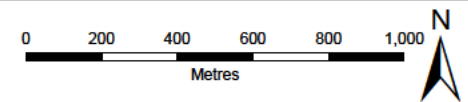
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 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



PROJECTION: British National Grid



- Order Limits
- Assessment Location
- Attenuated Central Inverters within Boundary



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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 14.12**  
**Embedded Operational Noise Mitigation - W3**  
**Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
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**WHITESTONE**  
solar farm

## Contact

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