



# Pear tree Hill Solar Farm

## Environmental Statement

### Volume 3

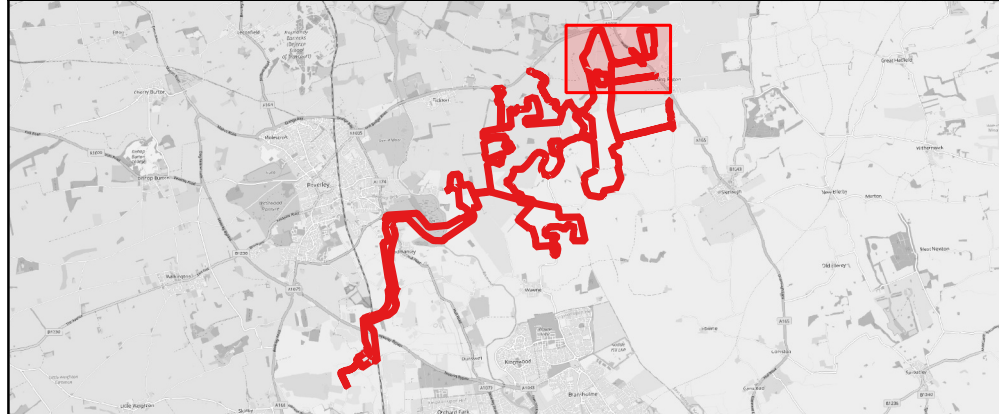
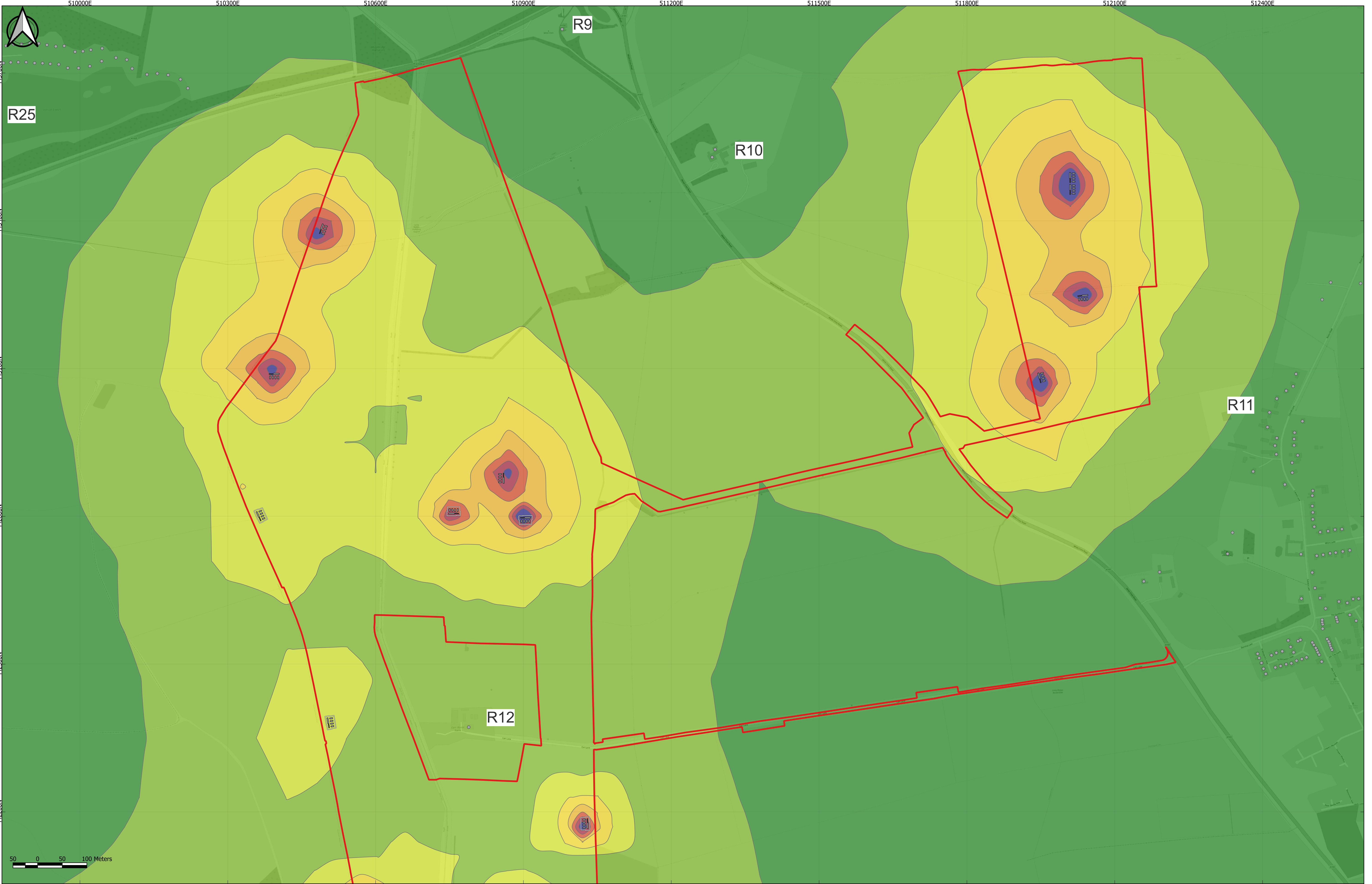
#### Figure 12.8: Operational Noise Contours – Mitigated, Night-Time, First Floor

### Revision 2

Application Document Ref: EN010157/APP/6.3  
September 2025

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





Key

- Order Limits
- Noise source
- Proposed acoustic barrier
- Sensitive receptor
- Receptor Label

Specific Sound Level, dB LAS, T

- <30
- 30-35
- 35-40
- 40-45
- 45-50
- 50-55
- 55-60
- >60

Notes:  
Sheet 1 shows Fields B1-B4 and the surrounding area.  
Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

RWE

Designer

RSK

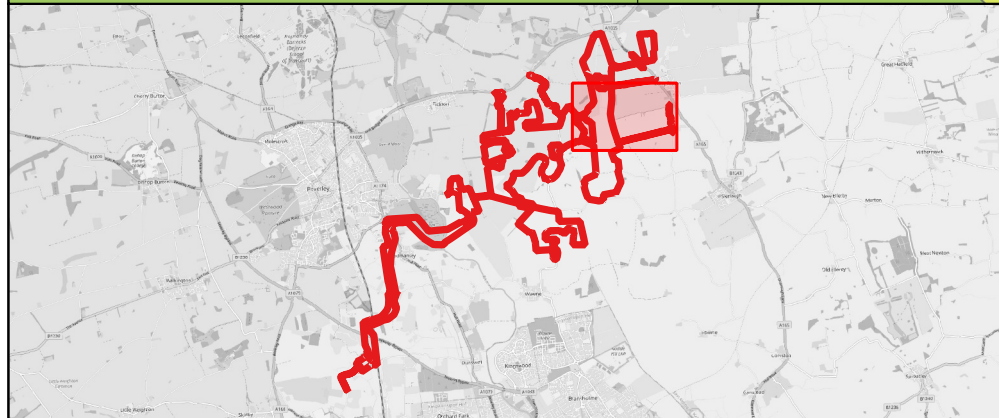
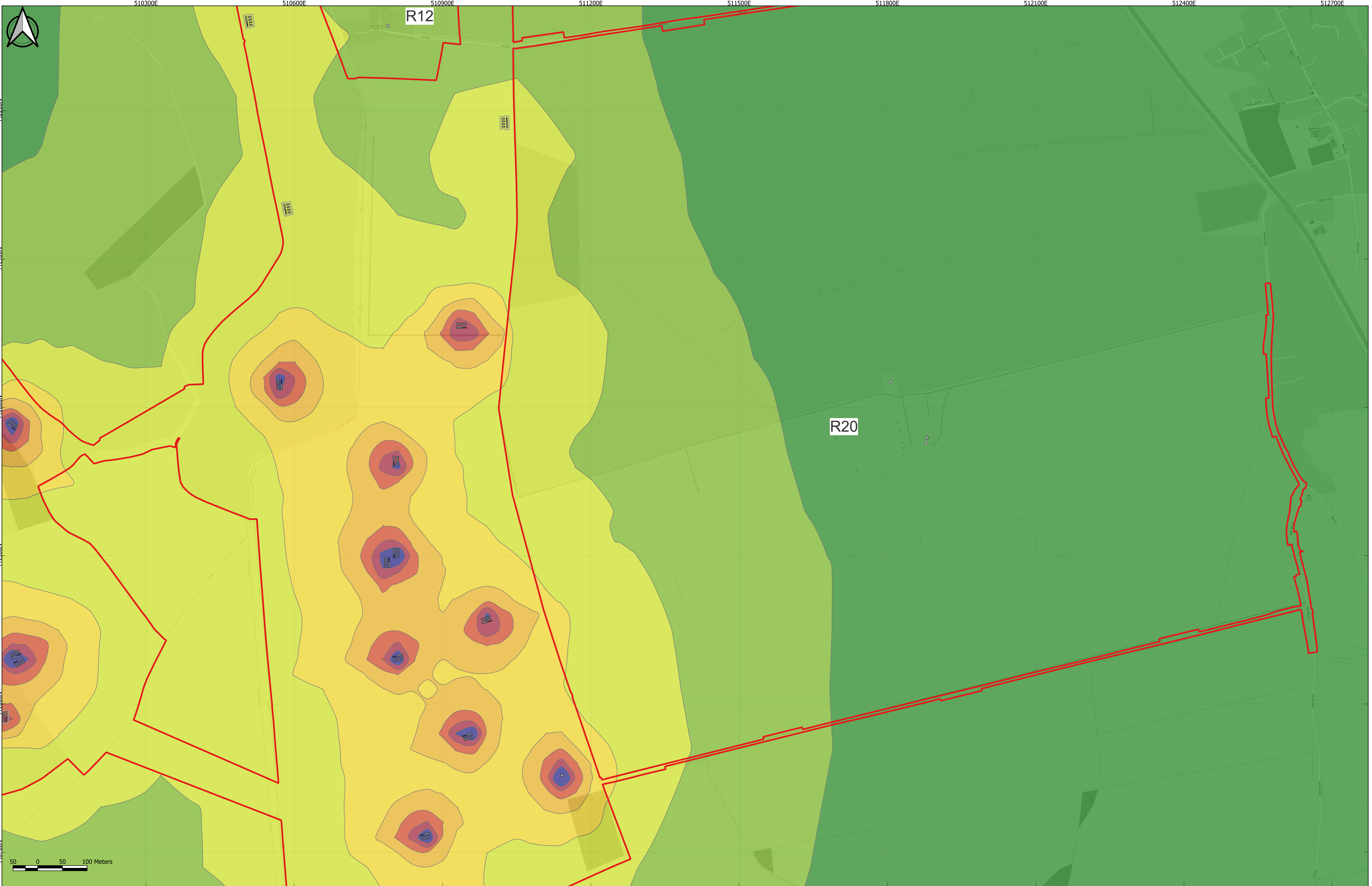
Project Name  
Peartree Hill Solar Farm

Drawing Title  
Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

SHEET 1 OF 8

Scale at A1 1:3500	Coordinate System: British National Grid
Status DCO Application	
PINS Number EN010157/APP/6.3	Rev P02





**Key**

- Order Limits
- Noise source
- Proposed acoustic barrier
- Sensitive receptor
- Receptor Label

**Specific Sound Level, dB LAS, T**

<30	45-50
30-35	50-55
35-40	55-60
40-45	>60

**Notes:**

Sheet 2 shows Fields B7-B8, C1-C3 and the surrounding area.

Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

Designer

Project Name

Peartree Hill Solar Farm

Drawing Title

Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

Scale at A1

1:3500

Coordinate System:

British National Grid

Status

DCO Application

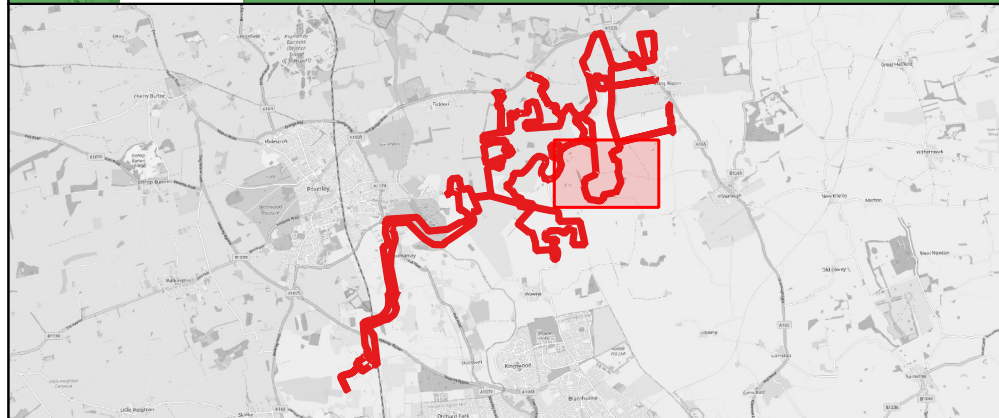
PINS Number

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Rev

P02





**Key**

  Order Limits

Mit Night

2061673 GIS (Stage 4) — Mit Night Viewport

R Receptor Label

**Specific Sound Level, dB LAS, T**

<span style="background-color: green; border: 1px solid black; padding: 2px;"> </span> <30	<span style="background-color: orange; border: 1px solid black; padding: 2px;"> </span> 45-50
<span style="background-color: yellow; border: 1px solid black; padding: 2px;"> </span> 30-35	<span style="background-color: red; border: 1px solid black; padding: 2px;"> </span> 50-55
<span style="background-color: lightyellow; border: 1px solid black; padding: 2px;"> </span> 35-40	<span style="background-color: darkred; border: 1px solid black; padding: 2px;"> </span> 55-60
<span style="background-color: lightorange; border: 1px solid black; padding: 2px;"> </span> 40-45	<span style="background-color: blue; border: 1px solid black; padding: 2px;"> </span> >60

**Notes:**

Sheet 3 shows Fields C4-C9 and the surrounding area.

Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

Designer

Project Name

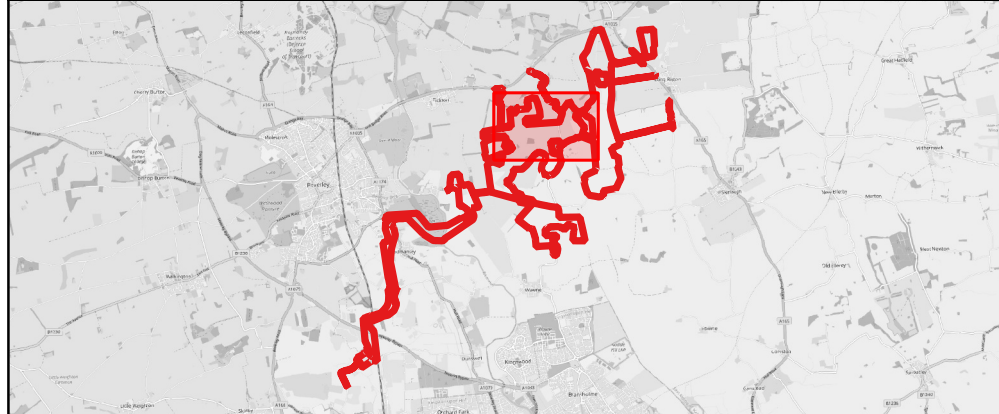
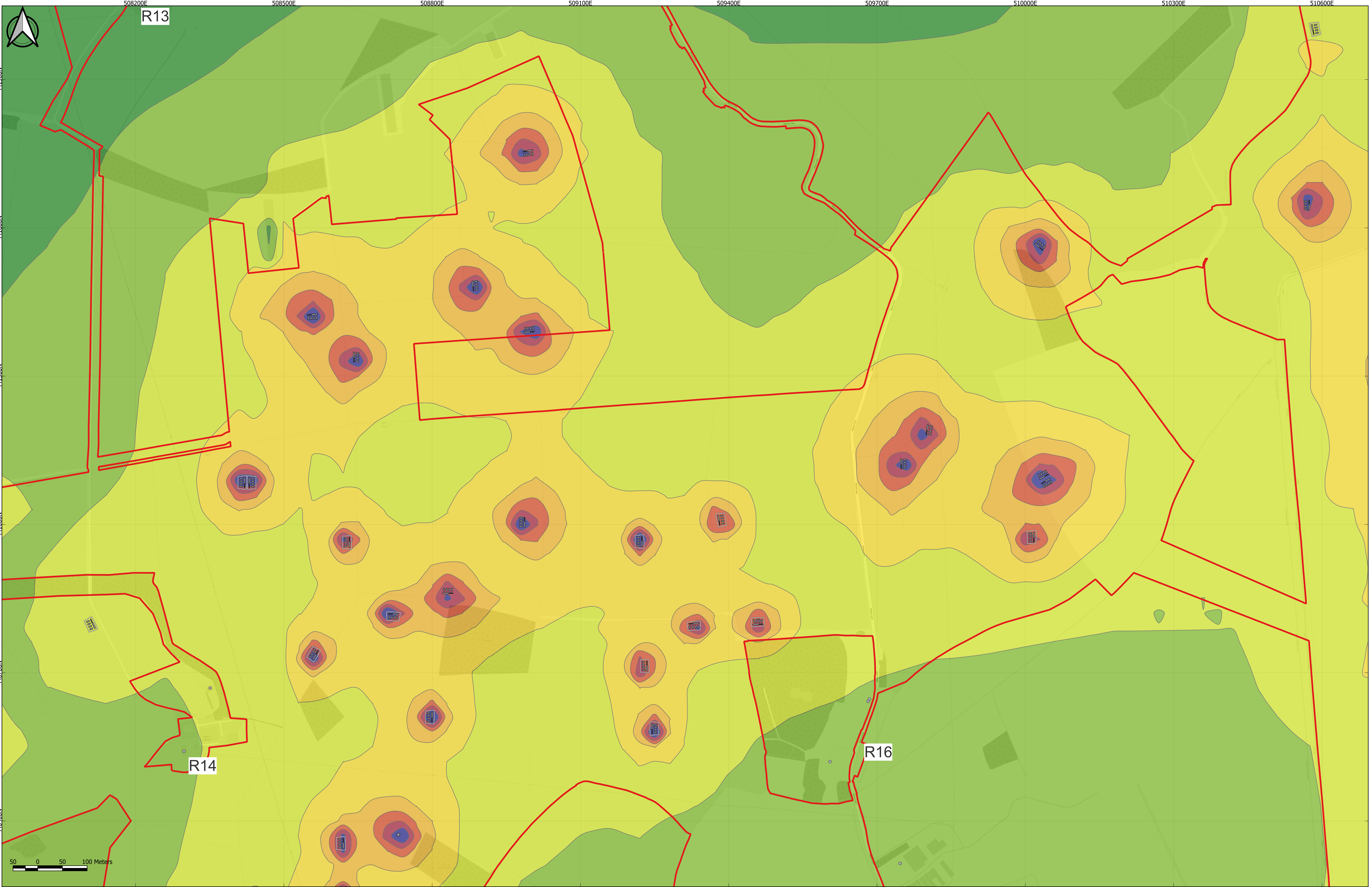
Peartree Hill Solar Farm

Drawing Title

Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

Scale at A1	Coordinate System:
1:3500	British National Grid
Status	Rev
DCO Application	
PINS Number	
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Key

- Order Limits
- Noise source
- Proposed acoustic barrier
- Sensitive receptor
- Receptor Label

Specific Sound Level, dB LAS, T

- |       |       |
|-------|-------|
| <30   | 45-50 |
| 30-35 | 50-55 |
| 35-40 | 55-60 |
| 40-45 | >60   |

Notes:  
Sheet 4 shows Fields D1-D17 and the surrounding area.  
Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

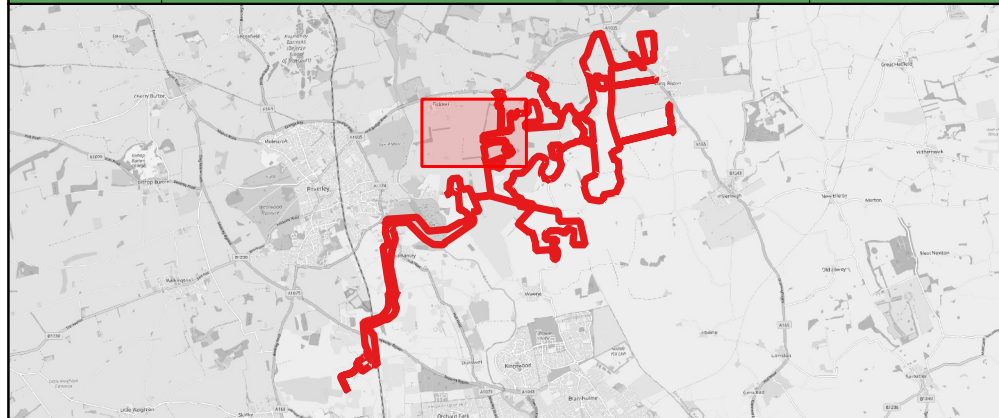
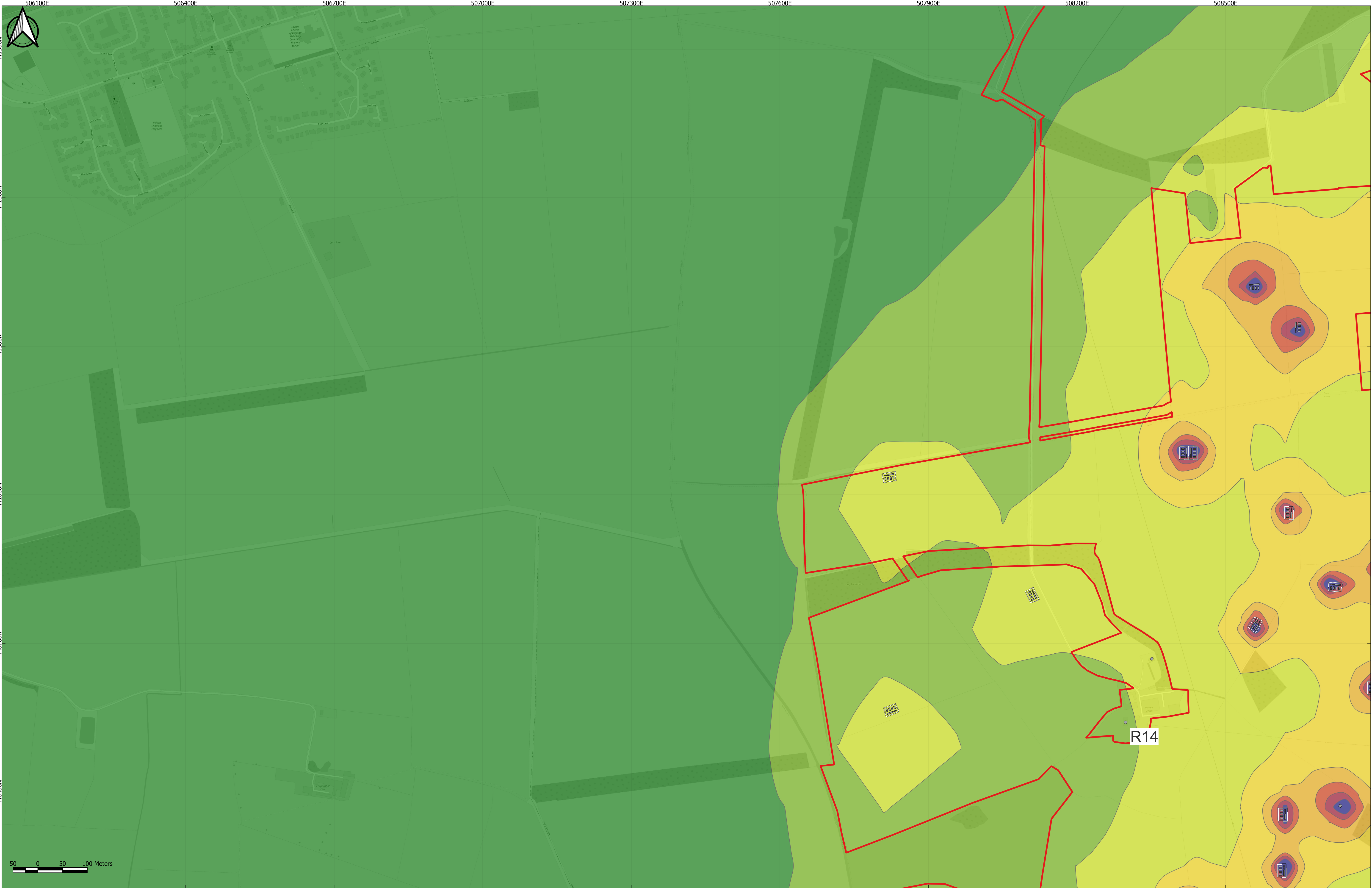
Designer

Project Name  
Peartree Hill Solar Farm

Drawing Title  
Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

Scale at A1 1:3500	Coordinate System: British National Grid
Status DCO Application	
PINS Number EN010157/APP/6.3	Rev P02





**Key**

- Order Limits
- Noise source
- Proposed acoustic barrier
- Sensitive receptor
- Receptor Label

**Specific Sound Level, dB LAS, T**

<30	45-50
30-35	50-55
35-40	55-60
40-45	>60

**Notes:**

Sheet 5 shows Fields D14, E1-E6 and the surrounding area.

Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

**RWE**

Designer

**RSK**

Project Name

Peartree Hill Solar Farm

Drawing Title

Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

Scale at A1

1:3500

Status

DCO Application

PINS Number

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Rev

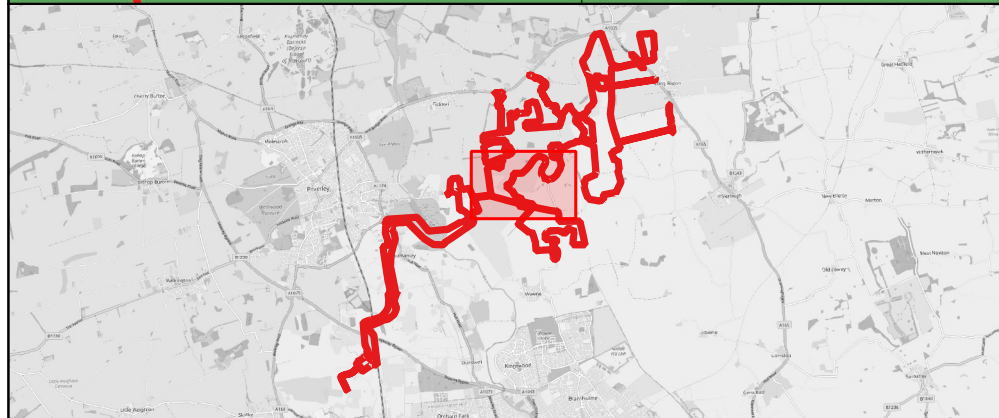
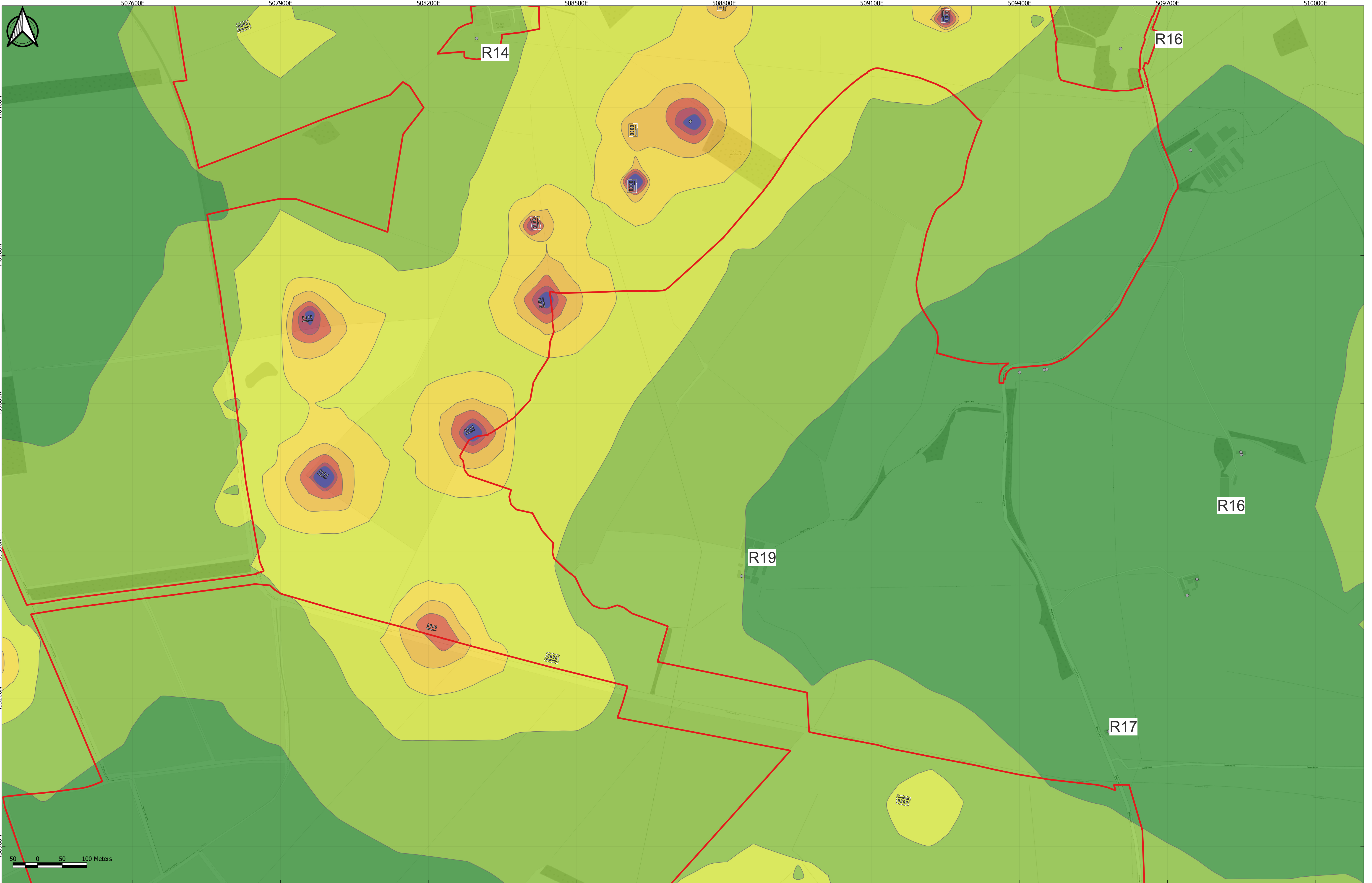
P02

Coordinate System:

British National Grid

SHEET 5 OF 8





**Key**

- Order Limits
- Noise source
- Proposed acoustic barrier
- Sensitive receptor
- Receptor Label

**Specific Sound Level, dB LAS, T**

<30	45-50
30-35	50-55
35-40	55-60
40-45	>60

**Notes:**

Sheet 6 shows Fields D16, D18 E6-E12 and the surrounding area.

Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

**RWE**

Designer

**RSK**

Project Name

Peartree Hill Solar Farm

Drawing Title

Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

Scale at A1

1:3500

Status

DCO Application

PINS Number

EN010157/APP/6.3

Rev

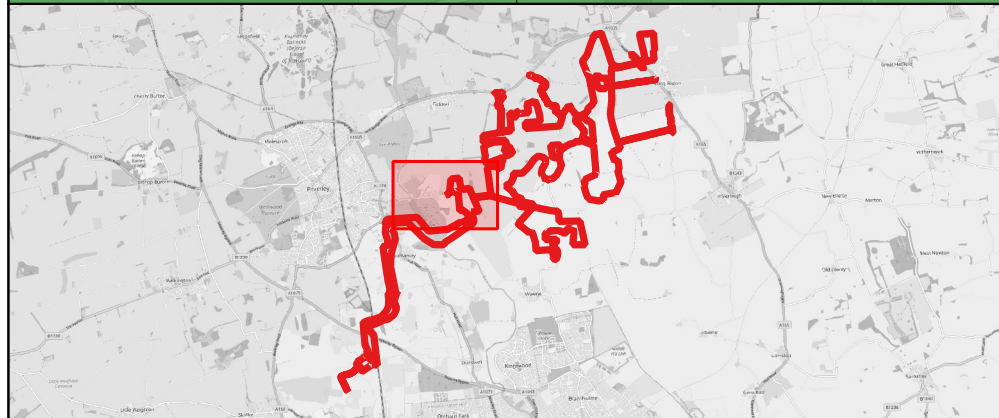
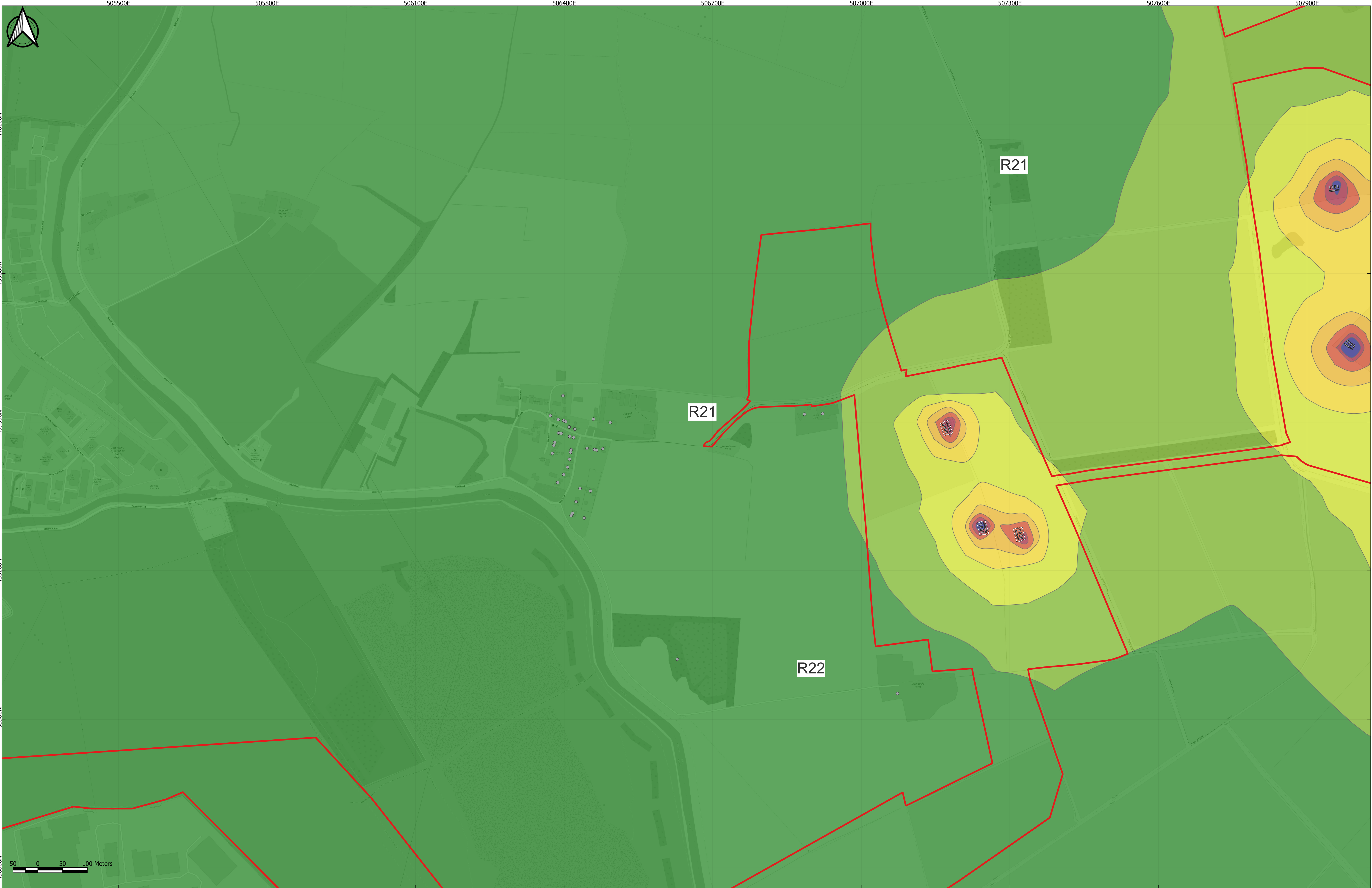
P02

Coordinate System:

British National Grid

SHEET 6 OF 8





**Key**

- Order Limits
- Noise source
- Proposed acoustic barrier
- Sensitive receptor
- Receptor Label

**Specific Sound Level, dB LAS, T**

<30	45-50
30-35	50-55
35-40	55-60
40-45	>60

**Notes:**

Sheet 7 shows Fields E13-E17 and the surrounding area.

Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

**RWE**

Designer

**RSK**

Project Name

Peartree Hill Solar Farm

Drawing Title

Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

Scale at A1

1:3500

Status

DCO Application

PINS Number

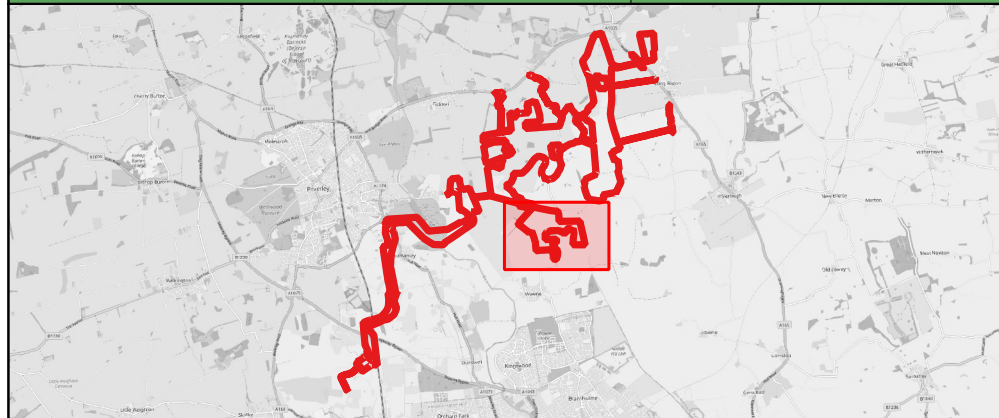
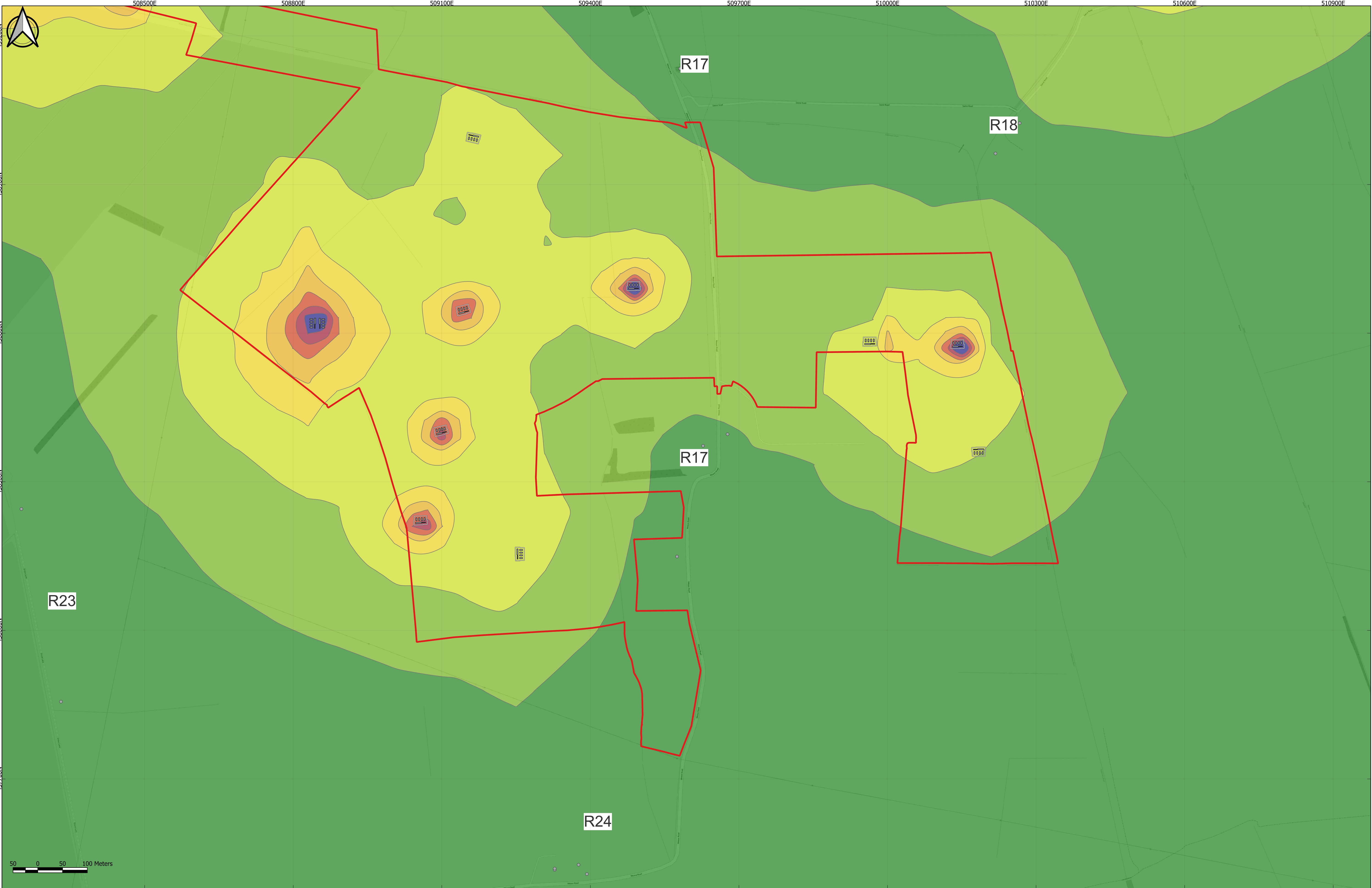
EN010157/APP/6.3

Rev

P02

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**Key**

- Order Limits
- Noise source
- Proposed acoustic barrier
- Sensitive receptor
- Receptor Label

**Specific Sound Level, dB LAS, T**

<30	45-50
30-35	50-55
35-40	55-60
40-45	>60

**Notes:**

Sheet 8 shows Fields F1-F17 and the surrounding area.

Items listed as "noise source" on the drawing refer to all fixed plant during the assessment scenario in question, to include both hybrid packs and substations.

P02	27/08/2025	DV	JM	BT	MM
P01	05/02/2025	DV	JM	BT	MM
App	Date	By	Chkd	Appd	Authd

Client

**RWE**

Designer

**RSK**

Project Name

Peartree Hill Solar Farm

Drawing Title

Environmental Statement Volume 3, Figure 12.8: Operational noise contours – mitigated, night-time, first floor

Scale at A1

1:3500

Status

DCO Application

PINS Number

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Rev

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SHEET 8 OF 8



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