



Pearmtree Hill Solar Farm

Environmental Statement

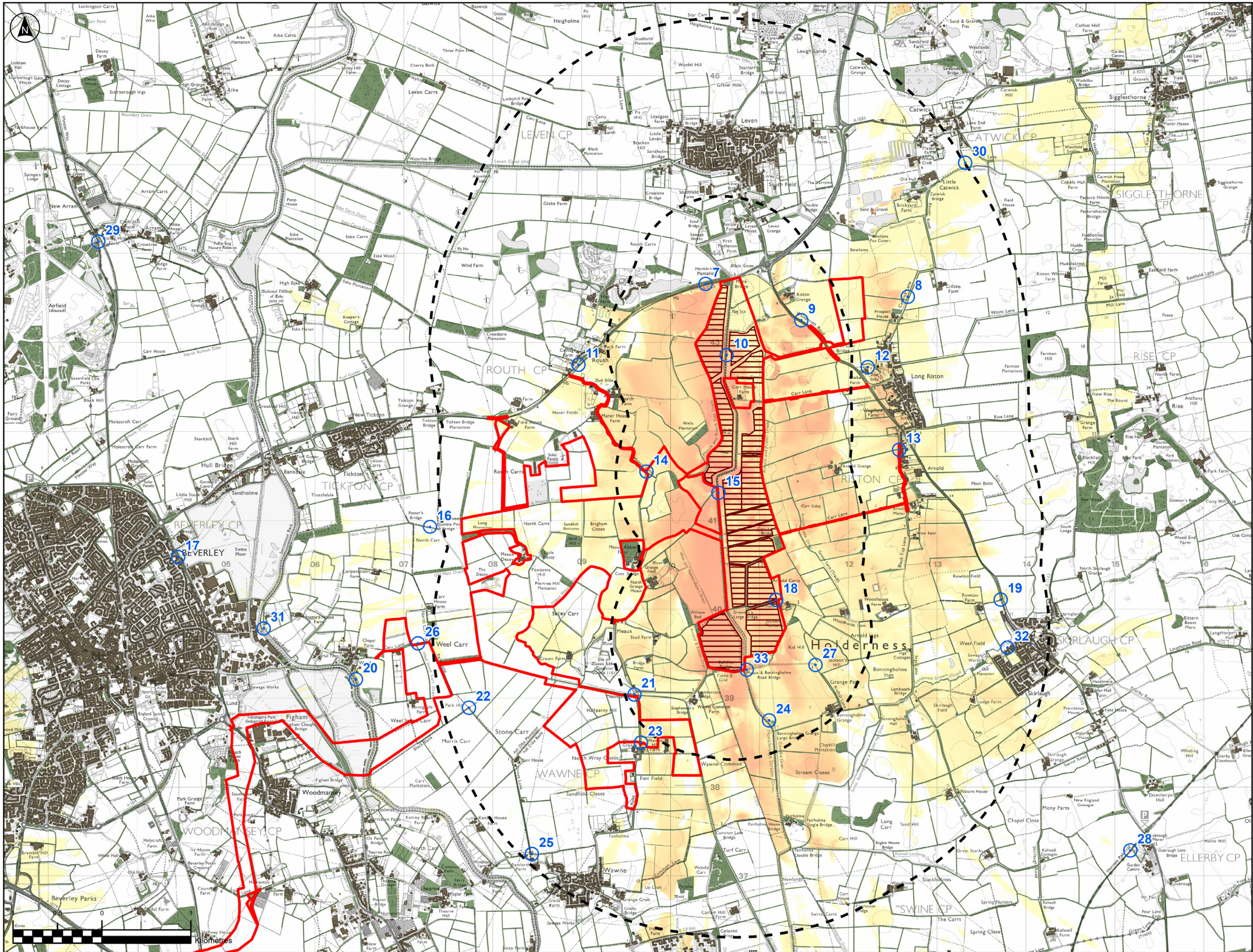
Volume 3

Figure 11.2: Solar PV Modules ZTV

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)



- | No. | Viewpoint |
|-----|--|
| 7 | A1035 |
| 8 | Catwick Lane |
| 9 | A165, White Cross Road |
| 10 | Monk Dike (north), PRoW Riston Footpath no.2 |
| 11 | A1035 at Routh |
| 12 | Long Riston Church, PRoW Riston Footpath no.5 |
| 13 | Long Riston (Arnold) |
| 14 | Meaux Lane (north) |
| 15 | Monk Dike (south), PRoW Riston Footpath no.2 |
| 16 | PRoW Tickton Footpath no.6 |
| 17 | A164 eastern edge of Beverley |
| 18 | Woodhouse Lane, PRoW Riston Footpath no.1 |
| 19 | A165 north of Skirlaugh |
| 20 | River Hull at Weel, PRoW Tickton Footpath no.12 |
| 21 | Meaux Lane (south) |
| 22 | PRoW Tickton Bridleway no.5 |
| 23 | Meaux Road at Wawne Grange |
| 24 | Cowdike Drain, PRoW Swine Footpath no.7 |
| 25 | PRoW Wawne Footpath no.11 / Grove Lane |
| 26 | Carr Lane, east of Weel |
| 27 | Kidhill Lane |
| 28 | Trans Pennine Trail |
| 29 | Minster Way |
| 30 | PRoW Catwick Footpath no.3 |
| 31 | Weel Road/ River Hull |
| 32 | Barn Street, Skirlaugh |
| 33 | Meaux and Benningholme Road Bridge, Kidhill Lane |

A3
03/09/2025 11:34

Key

- Order Limits
- Proposed areas for solar PV modules
- Distance radii from fields hosting solar PV modules (1, 3km)
- Viewpoints
- Existing hedges/woodland (modelled at 2m/10m)
- Existing buildings (modelled at 7.5m)
- Zone of Theoretical Visibility (3.5m to tops of panels)
- More theoretical visibility
- Less theoretical visibility

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Notes: This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for CGIS. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands, hedgerows and buildings. A digital surface model (DSM) has been derived from DEFRA 2022 LiDAR 2m DTM height data with the locations of woodland and buildings taken from the OS Open Map Local dataset. Buildings have been modelled with an assumed height of 7.5m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area. Hedgerows have been digitised and modelled with an assumed height of 2m. The model does not take into account some localised features such as small copses or individual trees and therefore still gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be less than that suggested by this plan. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 5m resolution.

P02	03/09/2025	MP	ZF	LY	ZF
P01	05/12/2024	MP	ZF	LY	ZF
Rev	Date	By	Chkd	Appd	Authd

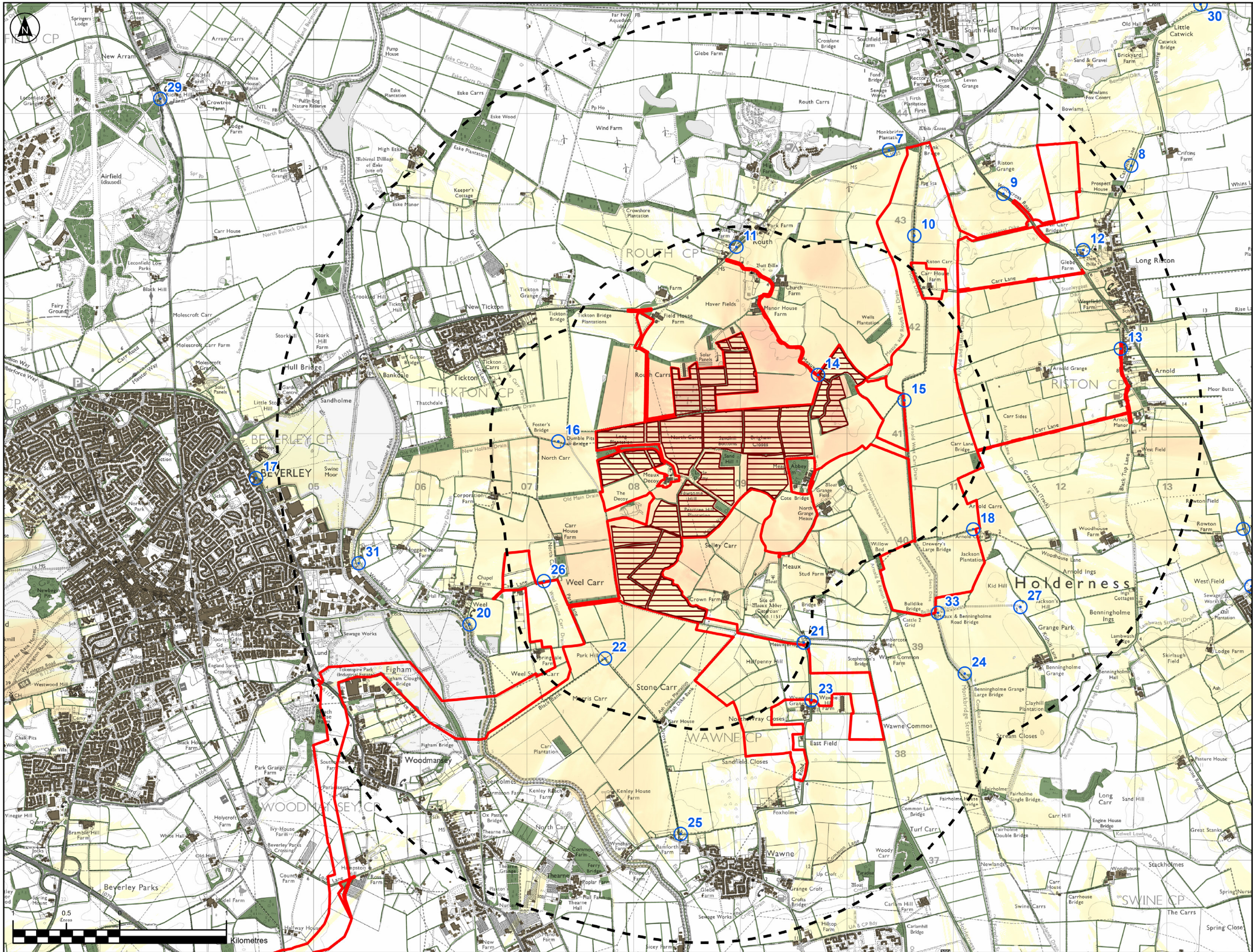
Client

Designer

Project Name
Peartree Hill Solar Farm

Drawing Title
Environmental Statement
Volume 3, Figure 11.2a:
Solar PV Modules ZTV
Fields B1-B4, B7-B8,
C1-C9

Scale at A3 1:42,000	Coordinate System British National Grid
Station DCO Application	
PRIS Number EN010157/APPI6.3	Rev P02



No.	Viewpoint
7	A1035
8	Catwick Lane
9	A165, White Cross Road
10	Monk Dike (north), PRoW Riston Footpath no.2
11	A1035 at Routh
12	Long Riston Church, PRoW Riston Footpath no.5
13	Long Riston (Arnold)
14	Meaux Lane (north)
15	Monk Dike (south), PRoW Riston Footpath no.2
16	PRoW Tickton Footpath no.6
17	A164 eastern edge of Beverley
18	Woodhouse Lane, PRoW Riston Footpath no.1
19	A165 north of Skirlaugh
20	River Hull at Weel, PRoW Tickton Footpath no.12
21	Meaux Lane (south)
22	PRoW Tickton Bridleway no.5
23	Meaux Road at Wawne Grange
24	Cowdike Drain, PRoW Swine Footpath no.7
25	PRoW Wawne Footpath no.11 / Grove Lane
26	Carr Lane, east of Weel
27	Kidhill Lane
28	Trans Pennine Trail
29	Minster Way
30	PRoW Catwick Footpath no.3
31	Weel Road/ River Hull
32	Barn Street, Skirlaugh
33	Meaux and Benningholme Road Bridge, Kidhill Lane

A3

03/09/2025 11:36

Order Limits

Proposed areas for solar PV modules D1-D17, E1-E5, E7-E12

Distance radii from fields hosting solar PV modules (1, 3km)

Viewpoints

Existing hedges/woodland (modelled at 2m/10m)

Existing buildings (modelled at 7.5m)

Zone of Theoretical Visibility (3.5m to tops of panels)

More theoretical visibility

Less theoretical visibility

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P02	03/09/2025	MP	ZF	LY	ZF
P01	05/12/2024	MP	ZF	LY	ZF
Rev	Date	By	Chkd	Appd	Authd

Client

RWE

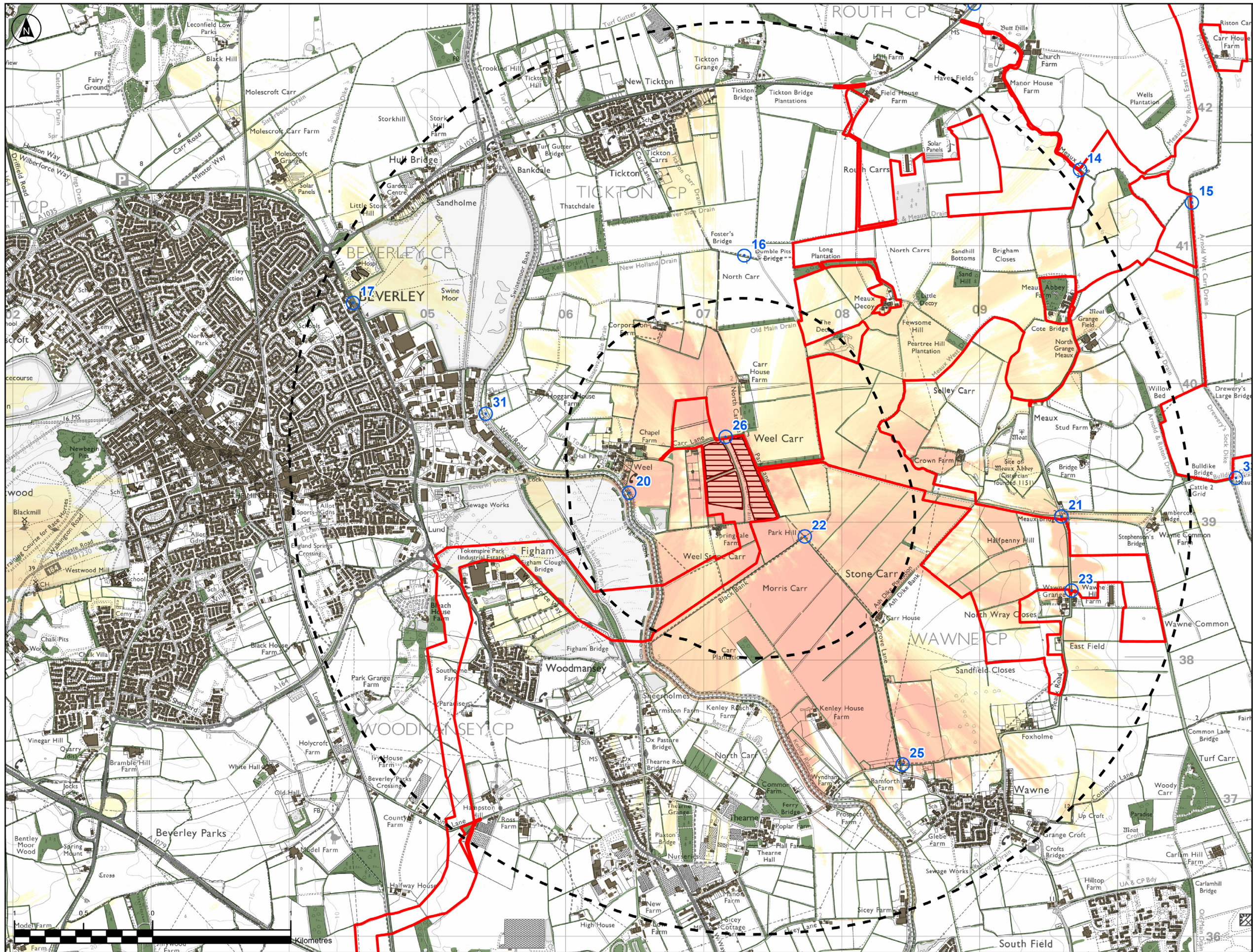
Designer

RSK

Project Name
Peartree Hill Solar Farm

Drawing Title
Environmental Statement
Volume 3, Figure 11.2c:
Solar PV Modules ZTV
Fields D1-D17, E1-E5,
E7-E12

Scale at A3 1:35,000	Coordinate System British National Grid
Status DCO Application	
PRIS Number EN010157/APPI6.3	Rev P02



- No. Viewpoint**
- 11 A1035 at Routh
 - 12 Long Riston Church, PRoW Riston Footpath no.5
 - 13 Long Riston (Arnold)
 - 14 Meaux Lane (north)
 - 15 Monk Dike (south), PRoW Riston Footpath no.2
 - 16 PRoW Tickton Footpath no.6
 - 17 A164 eastern edge of Beverley
 - 18 Woodhouse Lane, PRoW Riston Footpath no.1
 - 20 River Hull at Weel, PRoW Tickton Footpath no.12
 - 21 Meaux Lane (south)
 - 22 PRoW Tickton Bridleway no.5
 - 23 Meaux Road at Wawne Grange
 - 24 Cowdike Drain, PRoW Swine Footpath no.7
 - 25 PRoW Wawne Footpath no.11 / Grove Lane
 - 26 Carr Lane, east of Weel
 - 27 Kidhill Lane
 - 31 Weel Road/ River Hull
 - 33 Meaux and Benningholme Road Bridge, Kidhill Lane

Key

- Order Limits
- Distance radii from fields hosting solar PV modules (1, 3km)
- Proposed areas for solar PV modules E13-E15
- Viewpoints
- Existing hedges/woodland (modelled at 2m/10m)
- Existing buildings (modelled at 7.5m)
- Zone of Theoretical Visibility (3.5m to tops of panels)
- More theoretical visibility
- Less theoretical visibility

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P02	03/09/2025	MP	ZF	LY	ZF
P01	05/12/2024	MP	ZF	LY	ZF
Rev	Date	By	Chkd	Appd	Authd

Client

RWE

Designer

RSK

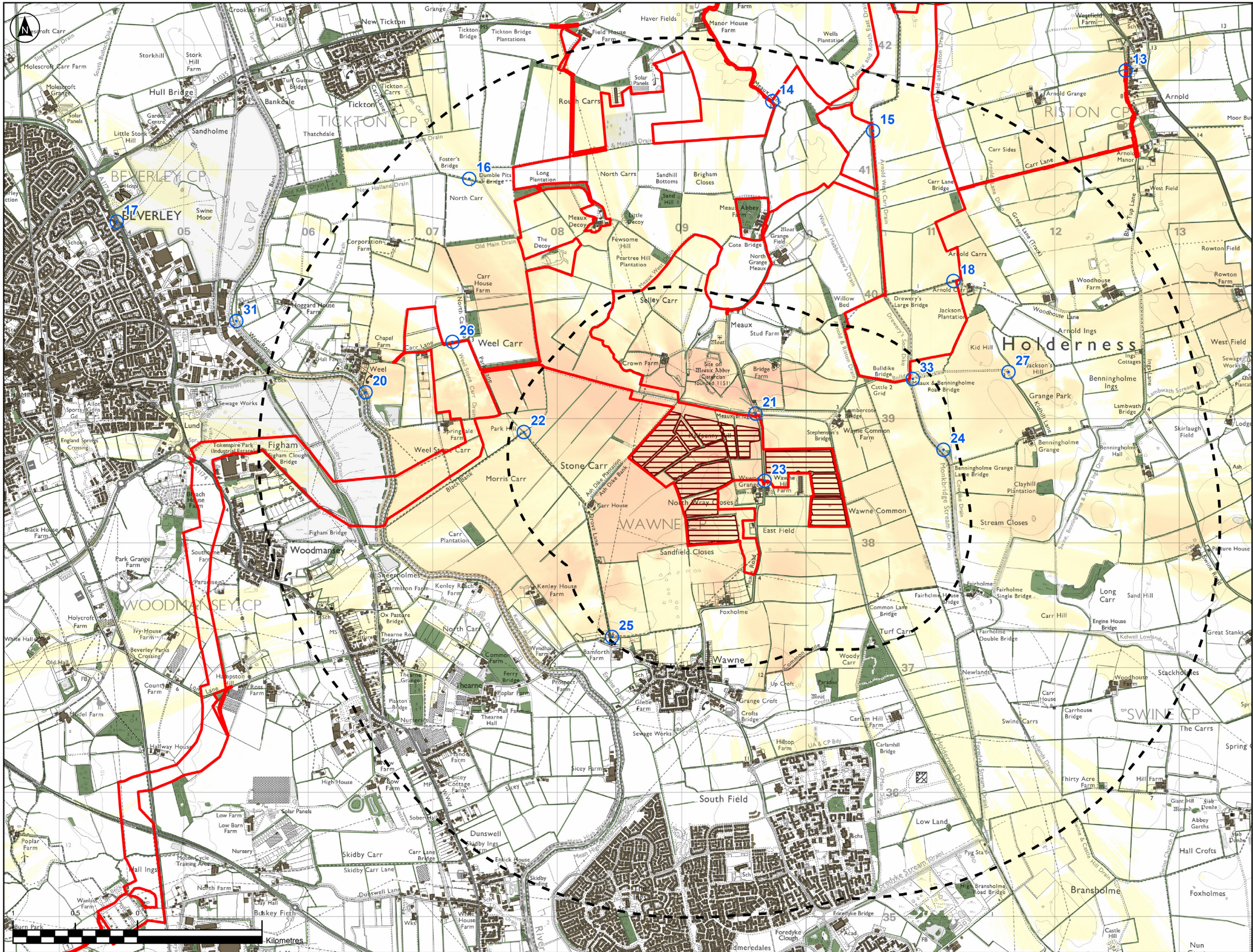
Project Name

Peartree Hill Solar Farm

Drawing Title

Environmental Statement
Volume 3, Figure 11.2d:
Solar PV Modules ZTV
Fields E13-E17

Scale at A3	Coordinate System
1:27,000	British National Grid
Status	
DCO Application	
PRIS Number	Rev
EN010157/APPI6.3	P02



- | No. | Viewpoint |
|-----|--|
| 13 | Long Riston (Arnold) |
| 14 | Meaux Lane (north) |
| 15 | Monk Dike (south), PRoW Riston Footpath no.2 |
| 16 | PRoW Tickton Footpath no.6 |
| 17 | A164 eastern edge of Beverley |
| 18 | Woodhouse Lane, PRoW Riston Footpath no.1 |
| 19 | A165 north of Skirlaugh |
| 20 | River Hull at Weel, PRoW Tickton Footpath no.12 |
| 21 | Meaux Lane (south) |
| 22 | PRoW Tickton Bridleway no.5 |
| 23 | Meaux Road at Wawne Grange |
| 24 | Cowdike Drain, PRoW Swine Footpath no.7 |
| 25 | PRoW Wawne Footpath no.11 / Grove Lane |
| 26 | Carr Lane, east of Weel |
| 27 | Kidhill Lane |
| 28 | Trans Pennine Trail |
| 31 | Weel Road/ River Hull |
| 32 | Barn Street, Skirlaugh |
| 33 | Meaux and Benningholme Road Bridge, Kidhill Lane |

Order Limits

Distance radii from fields hosting solar PV modules (1, 3km)

Proposed areas for solar PV modules F1-F8, F11-F17

Viewpoints

Existing hedges/woodland (modelled at 2m/10m)

Existing buildings (modelled at 7.5m)

Zone of Theoretical Visibility (3.5m to tops of panels)

More theoretical visibility

Less theoretical visibility

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P02	03/09/2025	MP	ZF	LY	ZF
P01	05/12/2024	MP	ZF	LY	ZF
Rev	Date	By	Chkd	Appd	Authd

Client

RWE

Designer

RSK

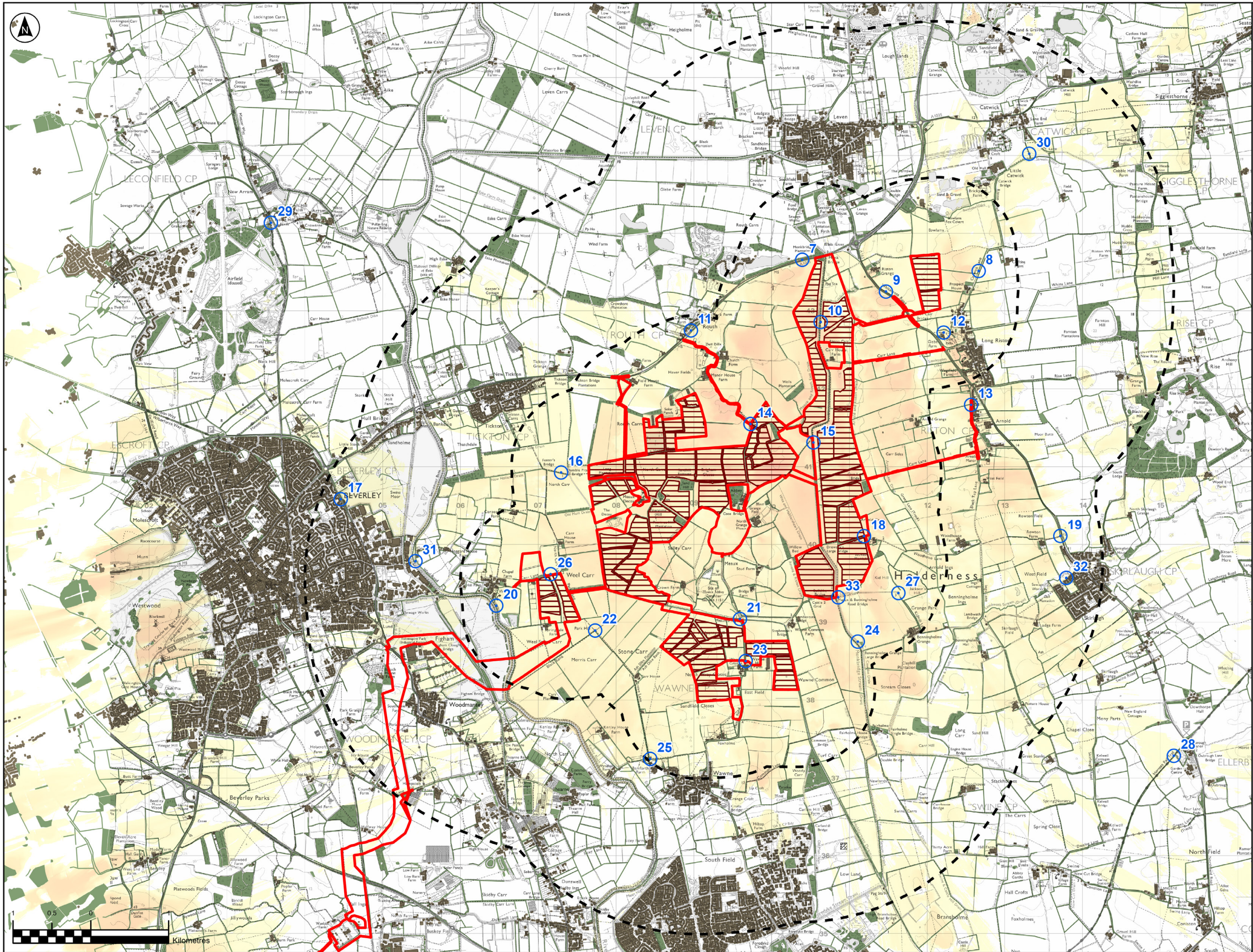
Project Name

Peartree Hill Solar Farm

Drawing Title

Environmental Statement
Volume 3, Figure 11.2e:
Solar PV Modules ZTV
Fields F1-F8, F11-F17

Scale at A3 1:30,000	Coordinate System British National Grid
Status DCO Application	
PRIS Number EN010157/APPI6.3	Rev P02



- No. Viewpoint**
- 7 A1035
 - 8 Catwick Lane
 - 9 A165, White Cross Road
 - 10 Monk Dike (north), PRoW Riston Footpath no.2
 - 11 A1035 at Routh
 - 12 Long Riston Church, PRoW Riston Footpath no.5
 - 13 Long Riston (Arnold)
 - 14 Meaux Lane (north)
 - 15 Monk Dike (south), PRoW Riston Footpath no.1
 - 16 PRoW Tickton Footpath no.6
 - 17 A164 eastern edge of Beverley
 - 18 Woodhouse Lane, PRoW Riston Footpath no.1
 - 19 A165 north of Skirlaugh
 - 20 River Hull at Weel, PRoW Tickton Footpath no.12
 - 21 Meaux Lane (south)
 - 22 PRoW Tickton Bridleway no.5
 - 23 Meaux Road at Wawne Grange
 - 24 Cowdike Drain, PRoW Swine Footpath no.7
 - 25 PRoW Wawne Footpath no.11 / Grove Lane
 - 26 Carr Lane, east of Weel
 - 27 Kidhill Lane
 - 28 Trans Pennine Trail
 - 29 Minster Way
 - 30 PRoW Catwick Footpath no.3
 - 31 Weel Road/ River Hull
 - 32 Barn Street, Skirlaugh
 - 33 Meaux and Benningholme Road Bridge, Kidhill Lane

Key

- Order Limits
- Distance radii from fields hosting solar PV modules (1.3km)
- Proposed areas for solar PV modules
- Viewpoints
- Existing hedges/woodland (modelled at 2m/10m)
- Existing buildings (modelled at 7.5m)
- Zone of Theoretical Visibility (3.5m to tops of panels)
- More theoretical visibility
- Less theoretical visibility

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Client	RWE					
Project Name	Peartree Hill Solar Farm					
Designers	RSK					
Rev	03/09/2025	MP	ZF	LY	ZF	
	05/12/2024	MP	ZF	LY	ZF	
By						
Chkd						
Appd						
Authd						

Client	RWE					
Project Name	Peartree Hill Solar Farm					
Designers	RSK					
Rev	03/09/2025	MP	ZF	LY	ZF	
	05/12/2024	MP	ZF	LY	ZF	
By						
Chkd						
Appd						
Authd						

Project Name	Peartree Hill Solar Farm					
Drawing Title	Environmental Statement Volume 3, Figure 11.2f: Solar PV Modules ZTV All Fields					
Scale at A3	1:48,000					
Coordinate System	British National Grid					
Scale	1:48,000					
DCO Application						
PRIS Number	EN010157/APP16.3					
Rev	P02					

RWE Renewables UK Limited

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