

KILNSIDE ENERGY PARK



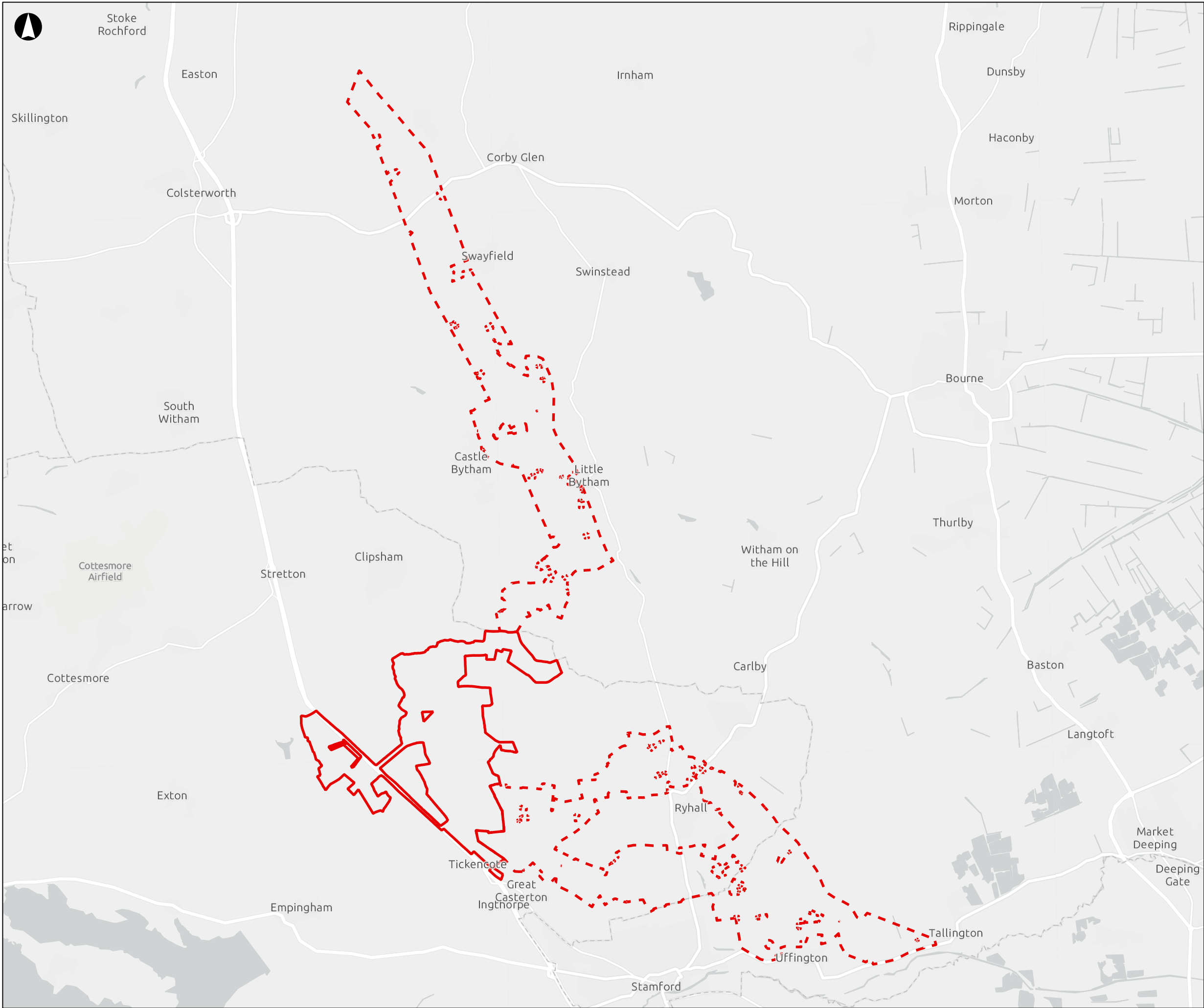
EIA Scoping Report Figures

EN0110022

June 2025

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 Solar Development Site
 Grid Cable Route Search Area

A3



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Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS



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ARUP

Drawing Title
Figure 1.1 Site Location Plan

Client
Kilnside Energy Park Limited

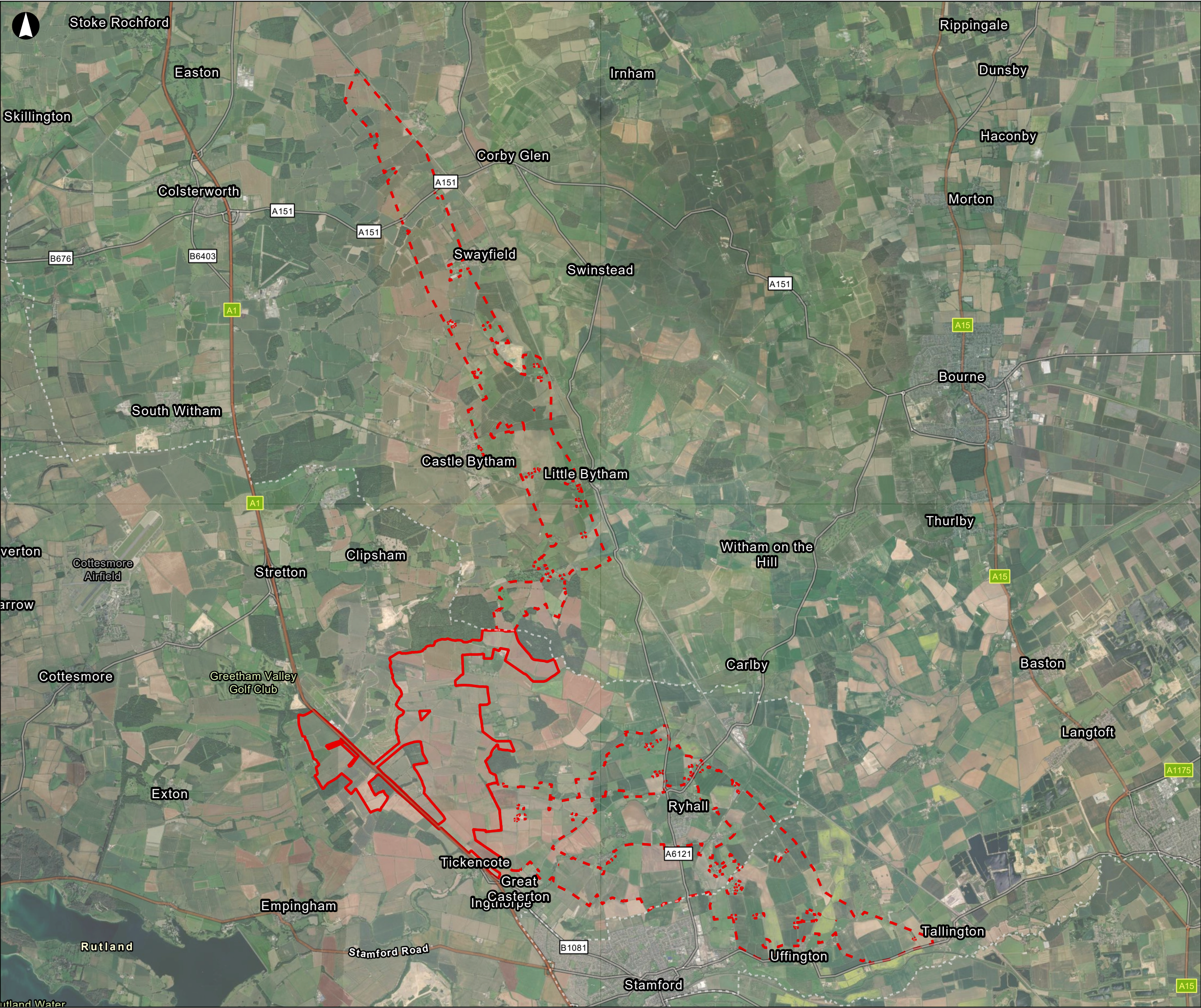
Project Name
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Scale at A3
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Project Number
304633-00

Rev
P01

Drawing Number
KEP-SR01-00001



 Solar Development Site

 Grid Cable Route Search Area

A3



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World Imagery: Earthstar Geographics
World Hillshade: Esri, USGS

Metres

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Figure 1.2 Site Plan Aerial

Client

Kilnside Energy Park Limited

Project Name

Kilnside Energy Park

Scale at A3

1:80,000

Project Number

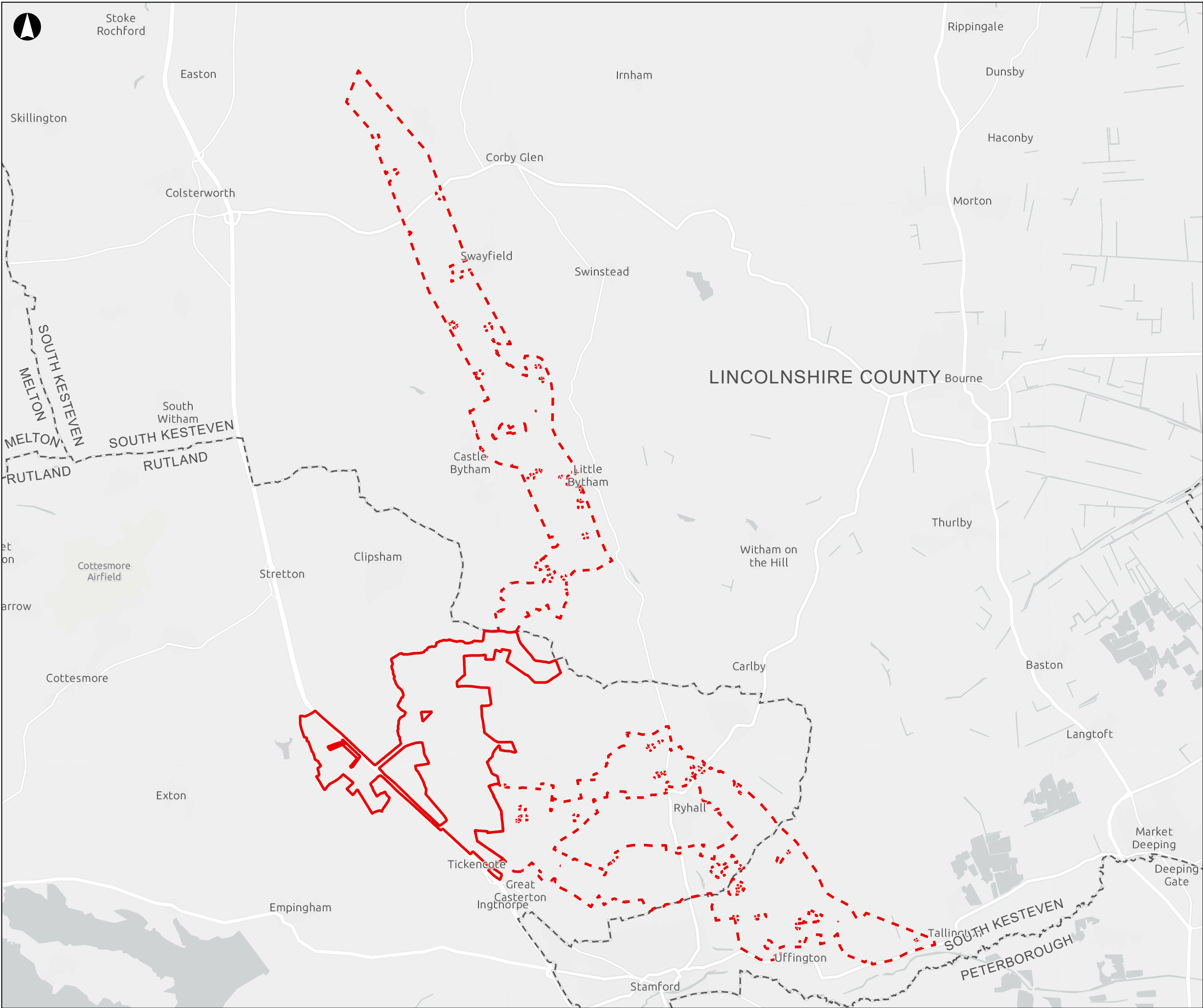
304633-00

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Solar Development Site

Grid Cable Route Search Area

Local Authority Boundary

A3



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 Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
 World Hillshade: Esri, USGS

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Figure 1.3 Local Authority Planning Boundaries

Client

Kilnside Energy Park Limited

Project Name

Kilnside Energy Park

Scale at A3

1:80,000

Project Number

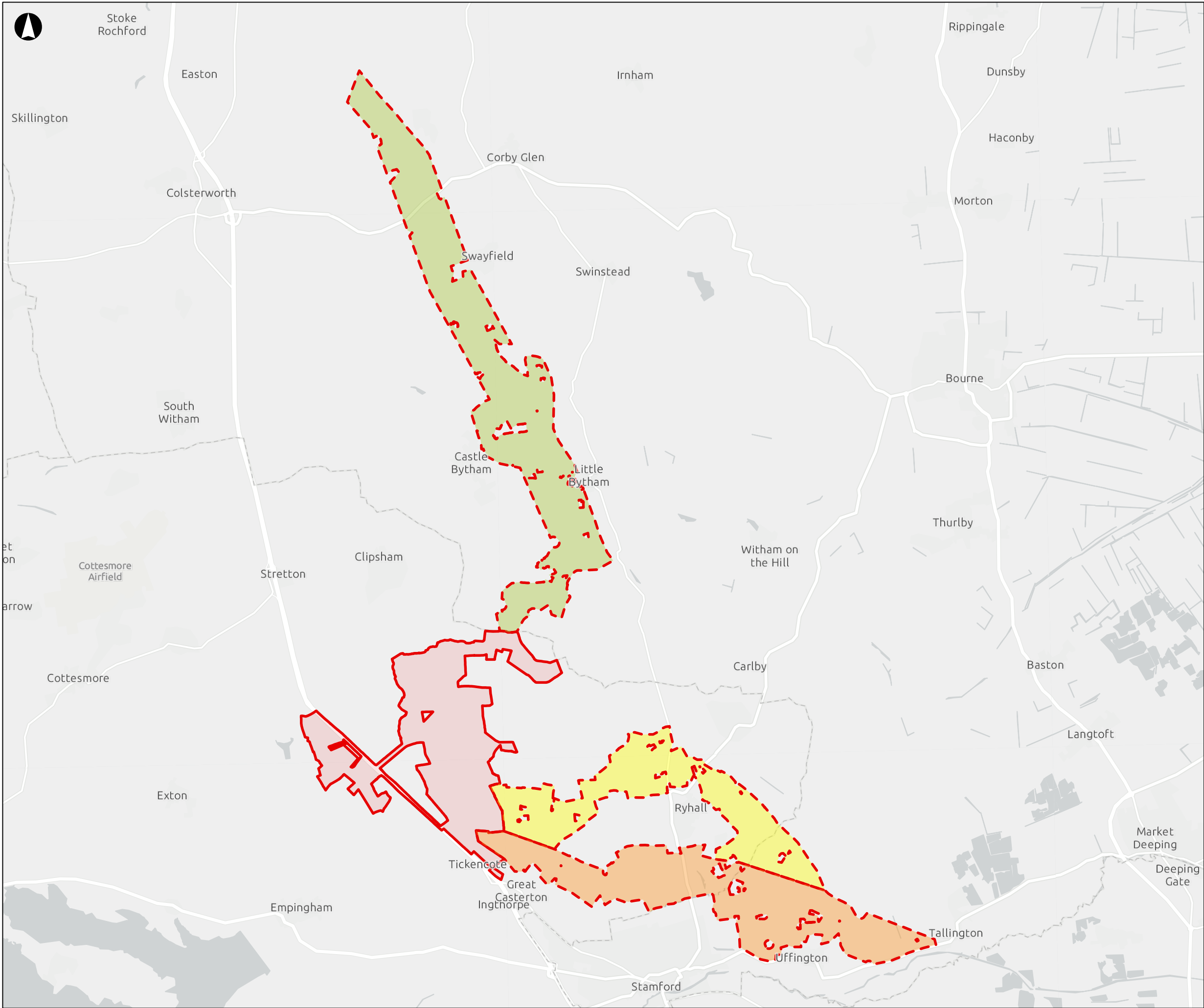
304633-00

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P01

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-  Solar Development Site
-  Northern Grid Cable Route Search Area
-  Middle Grid Cable Route Search Area
-  Southern Grid Cable Route Search Area

A3



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Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS



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Figure 1.4 Parts of the Site Referred to in the EIA Scoping Report

Client

Kilnside Energy Park Limited

Project Name

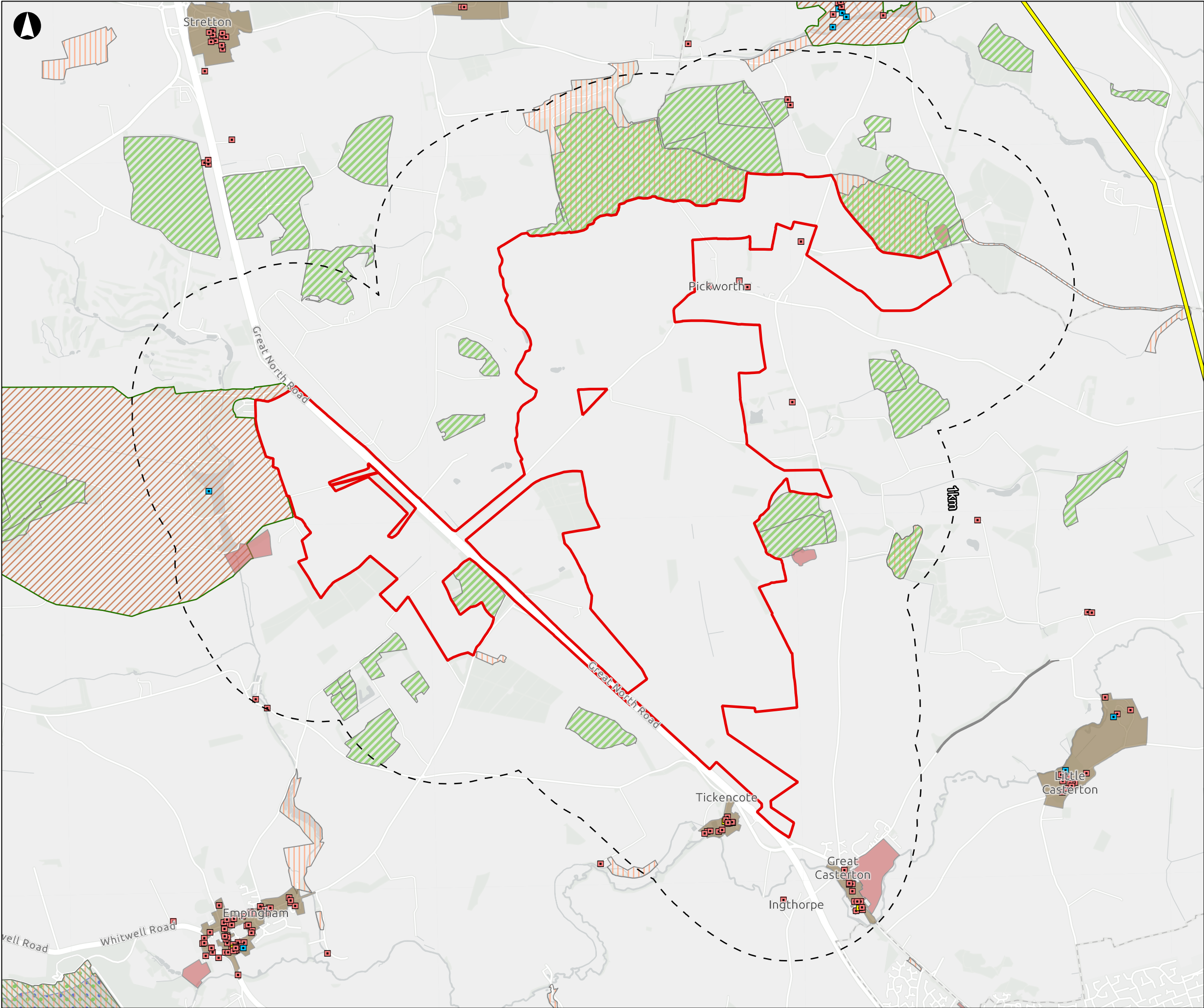
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Scale at A3

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304633-00	P01

Drawing Number
KEP-SR01-00001



Solar Development Site

Site Boundary Buffer (1km)

Listed Building - Grade

I

II*

II

400kV Overhead Line

RAMSAR

Sites Of Special Scientific Interest (SSSI)

Special Protection Areas (SPA)

Country Parks

Conservation Areas

Scheduled Monuments

Ancient Woodland

Registered Parks And Gardens

A3

Coordinate System: British National Grid

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Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS

Metres

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P01	05/06/2025	JE	EF	RW	SE
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Drawing Title

Figure 2.1a Environmental Constraints – Solar Development Site

Client

Kilnside Energy Park Limited

Project Name

Kilnside Energy Park

Scale at A3

1:30,000

Project Number

304633-00

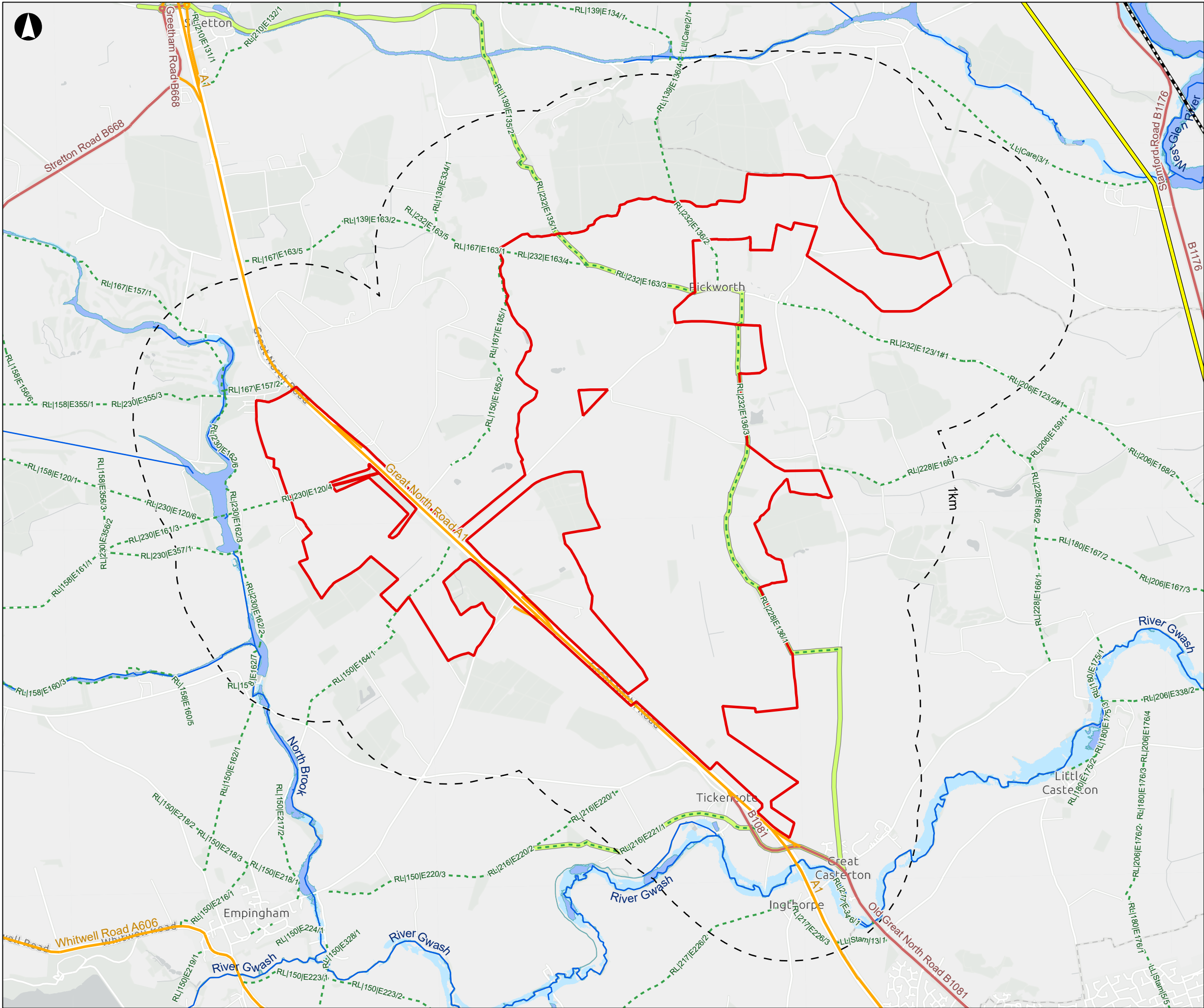
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Drawing Number

KEP-SR02-00001a

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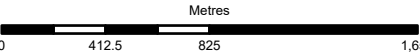
- Solar Development Site
- Site Boundary Buffer (1km)
- A Road
- B Road
- Public Rights Of Way
- Rutland Round Long Distance Route
- Railway
- 400kV Overhead Line
- Waterways
- Flood Zone 2
- Flood Zone 3

A3



Coordinate System: British National Grid

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World Hillshade: Esri, USGS



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Drawing Title
Figure 2.1b Environmental Constraints – Solar Development Site

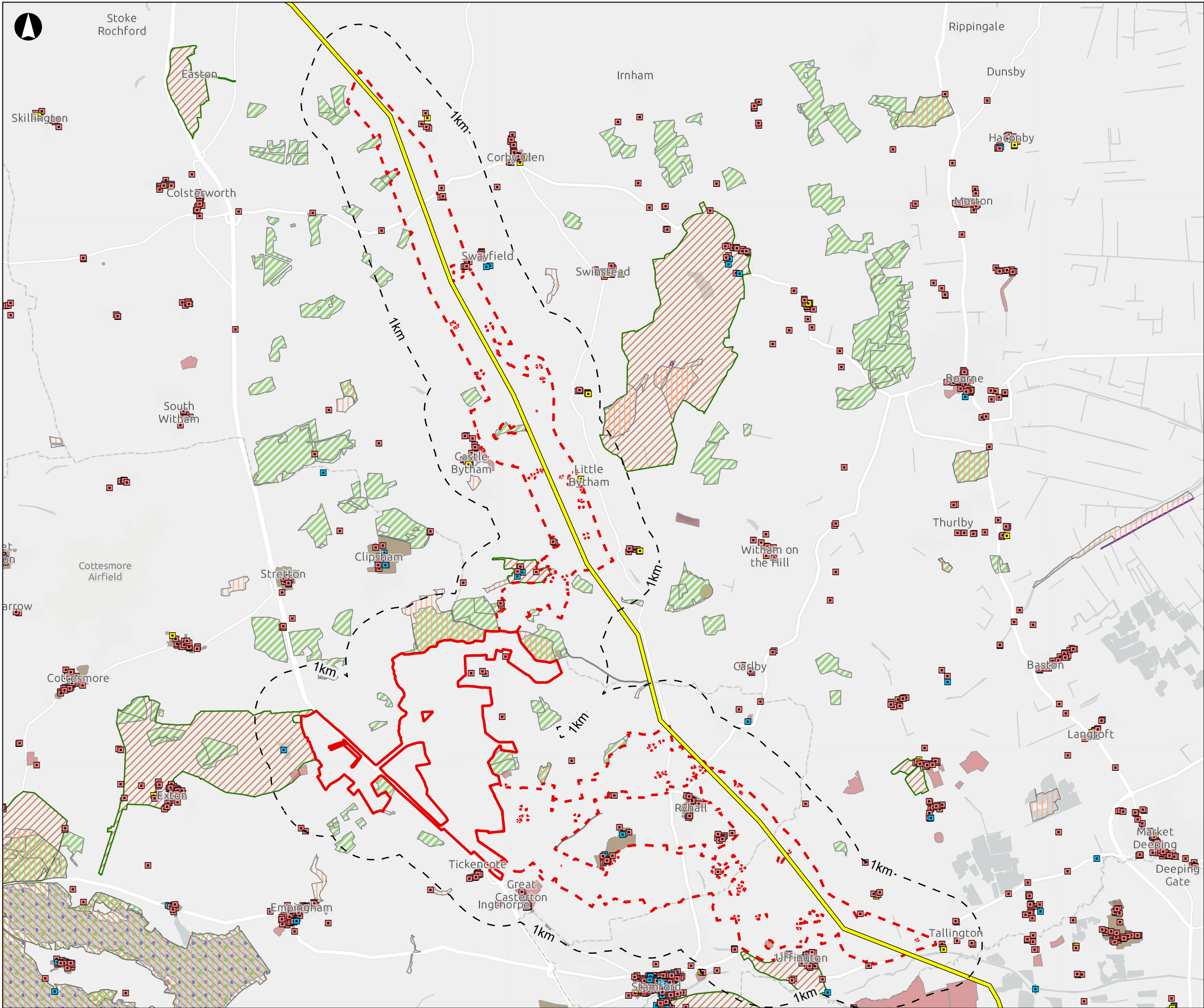
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Kilnside Energy Park Limited

Project Name
Kilnside Energy Park

Scale at A3
1:30,000

Project Number 304633-00	Rev P01
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Drawing Number
KEP-SR02-00001b



Solar Development Site

Grid Connection Corridor Options

Site Boundary Buffer (1km)

Listed Building - Grade

I

II*

II

400kV Overhead Line

RAMSAR

Sites Of Special Scientific Interest (SSSI)

Special Protection Areas (SPA)

Special Areas Of Conservation (SAC)

Local Nature Reserves (LNR)

Country Parks

Conservation Areas

Scheduled Monuments

Ancient Woodland

Registered Parks And Gardens

A3

Coordinate System: British National Grid

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Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS

Metres

0

1,000

2,000

4,000

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Figure 2.2a Environmental Constraints – Solar Development Site and Grid Cable Route Search Area

Client

Kilnside Energy Park Limited

Project Name

Kilnside Energy Park

Scale at A3

1:80,000

Project Number

304633-00

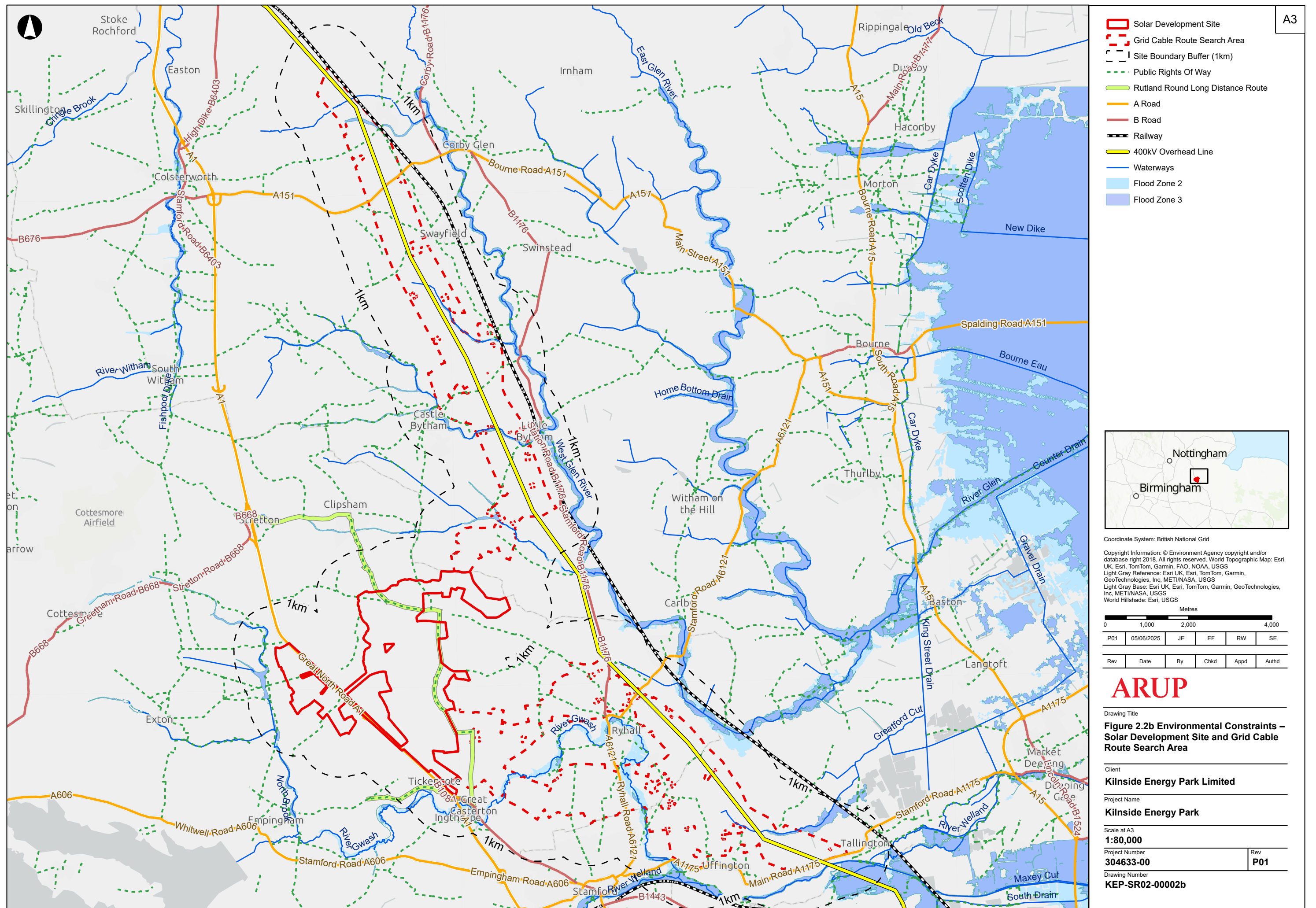
Rev

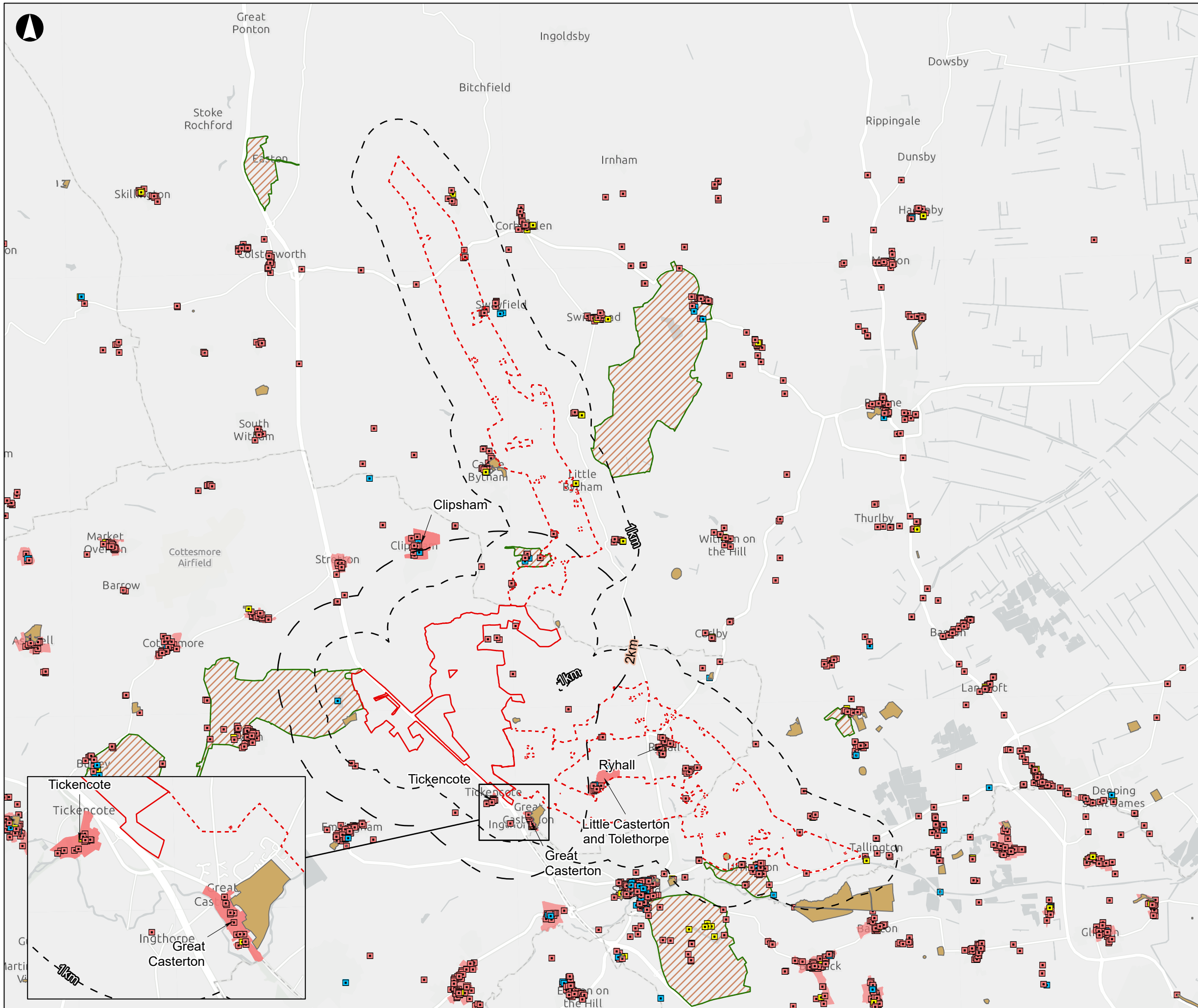
P01

Drawing Number

KEP-SR02-00002a

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Solar Development Site

Solar Development Site Study Area (2km)

Grid Cable Route Search Area

Grid Cable Route Study Area (1km)

Listed Building - Grade

I

II*

II

Conservation Areas

Registered Parks And Gardens

Scheduled Monuments

A3

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World Hillshade: Esri, USGS, © Historic England 2024 Contains Ordnance Survey data © Crown copyright and database right 2024.

Metres

0

1,250

2,500

5,000

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Figure 8.1 Designated Heritage Assets

Client

Kilnside Energy Park Limited

Project Name

Kilnside Energy Park

Scale at A3

1:100,000

Project Number

304633-00

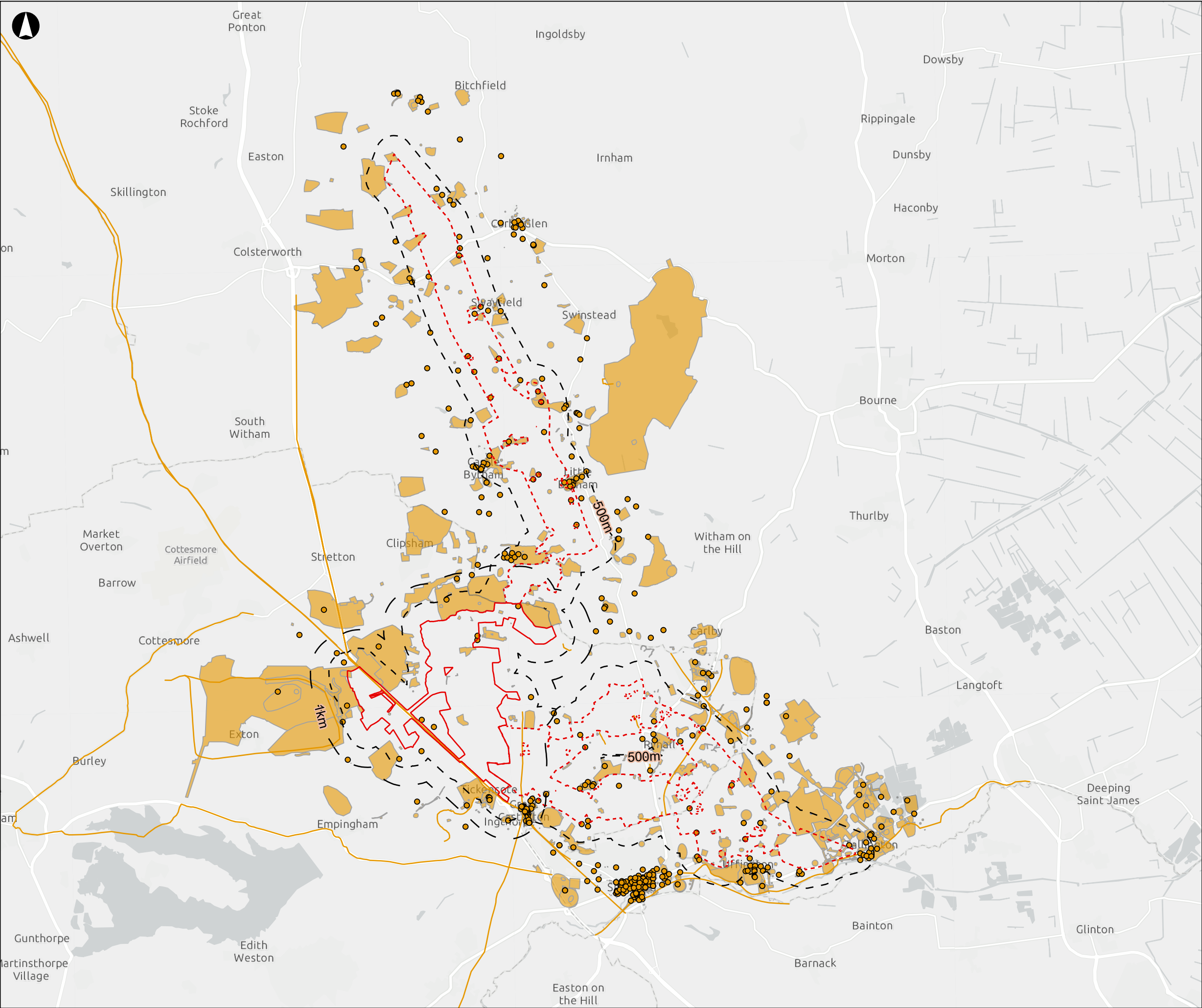
Rev

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Drawing Number

KEP-SR17-00001

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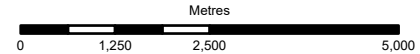


- A3**
- Solar Development Site
 - Solar Development Site Study Area (1km)
 - Grid Cable Route Search Area
 - Grid Connection Study Area (500m)
 - Monuments (Point)
 - Monuments (Line)
 - Monuments (Polygon)



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Figure 8.2 Non-Designated Heritage Assets

Client
Kilnside Energy Park Limited

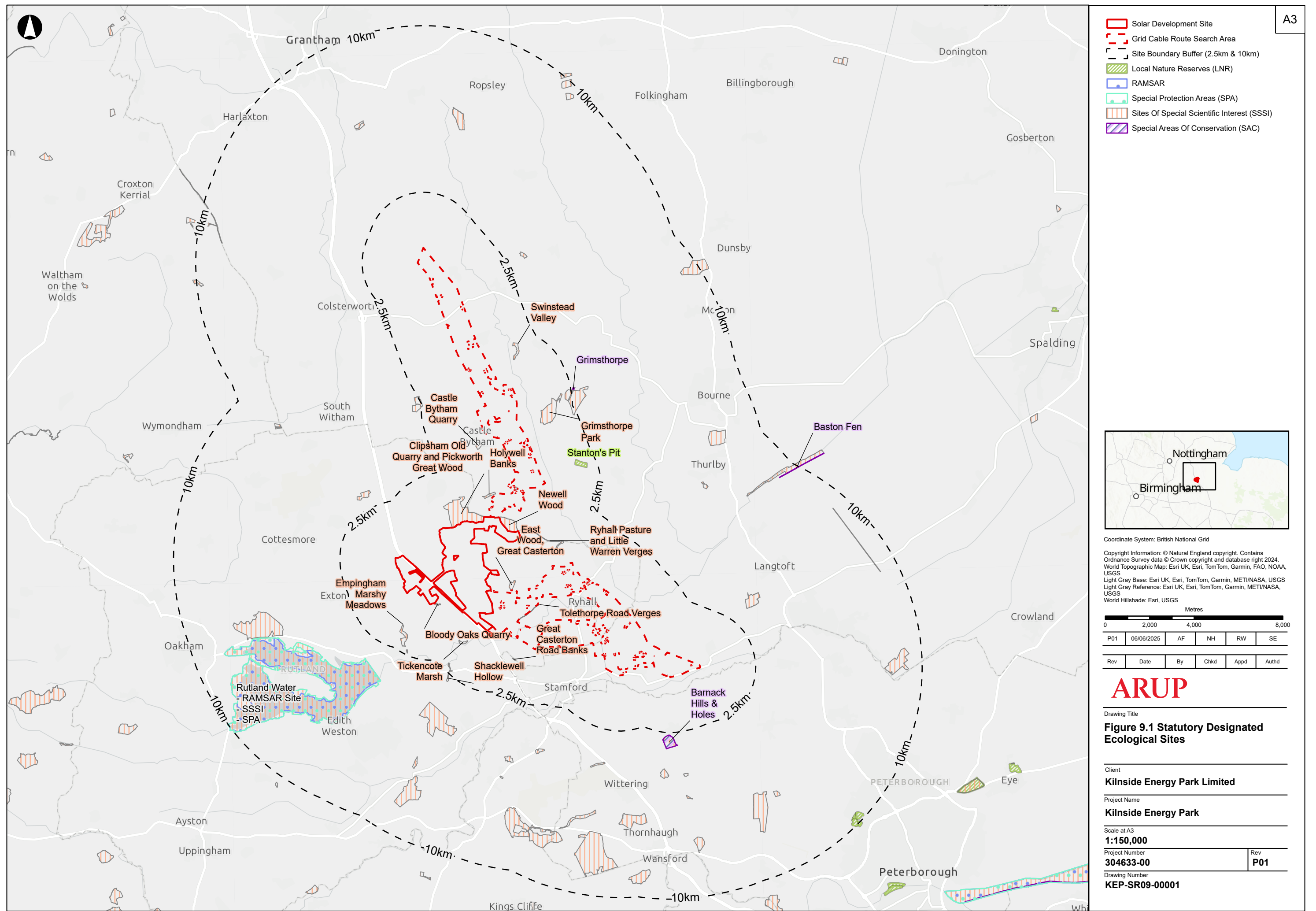
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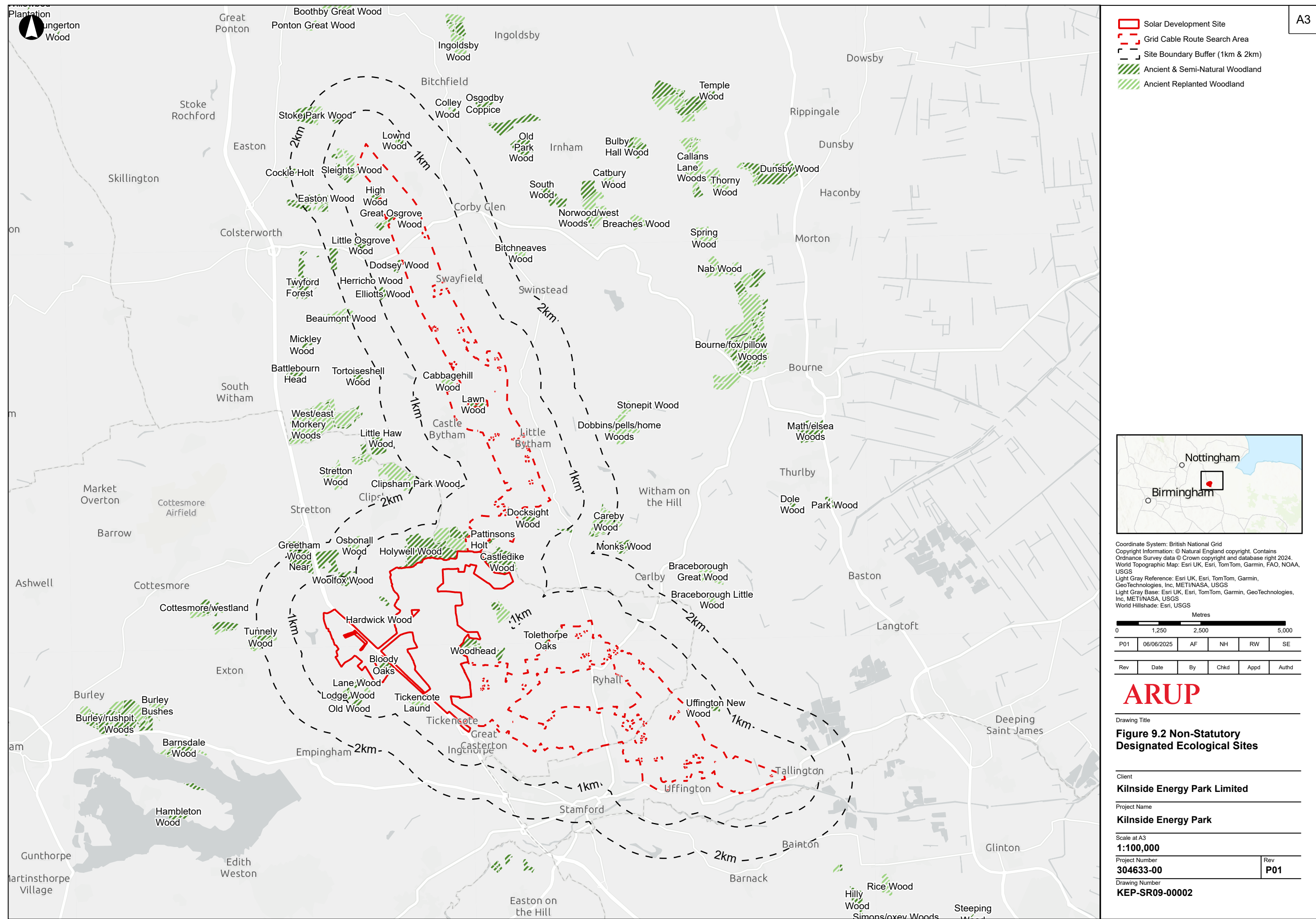
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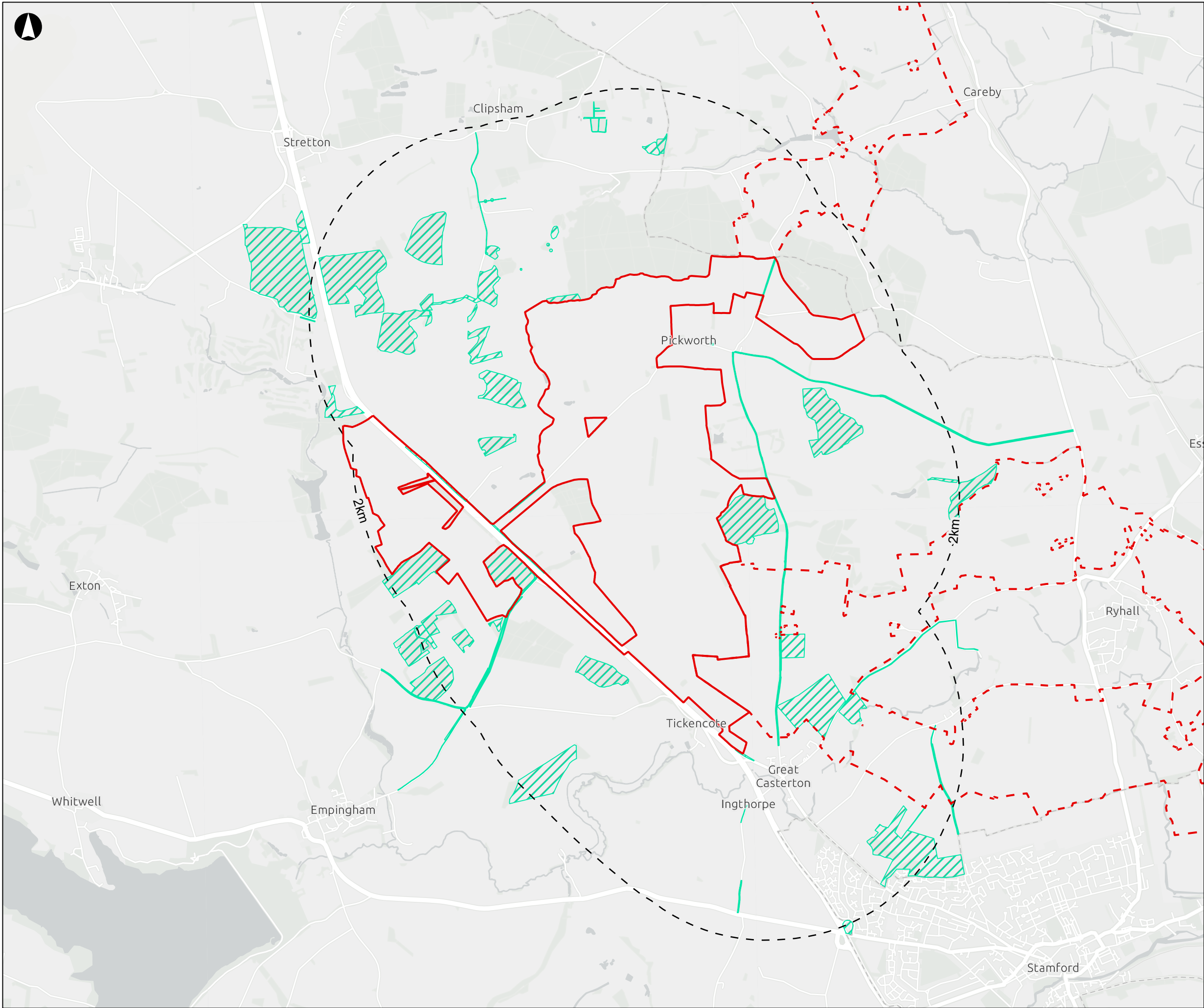
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P01

Drawing Number
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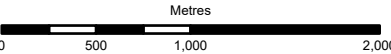


- Solar Development Site
- Grid Cable Route Search Area
- Site Boundary Buffer as of Oct 2024 (2km)
- Local Wildlife Sites

A3



Coordinate System: British National Grid
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Light Gray Reference: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS



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Figure 9.3 Local Wildlife Sites within 2km of Solar Development Site

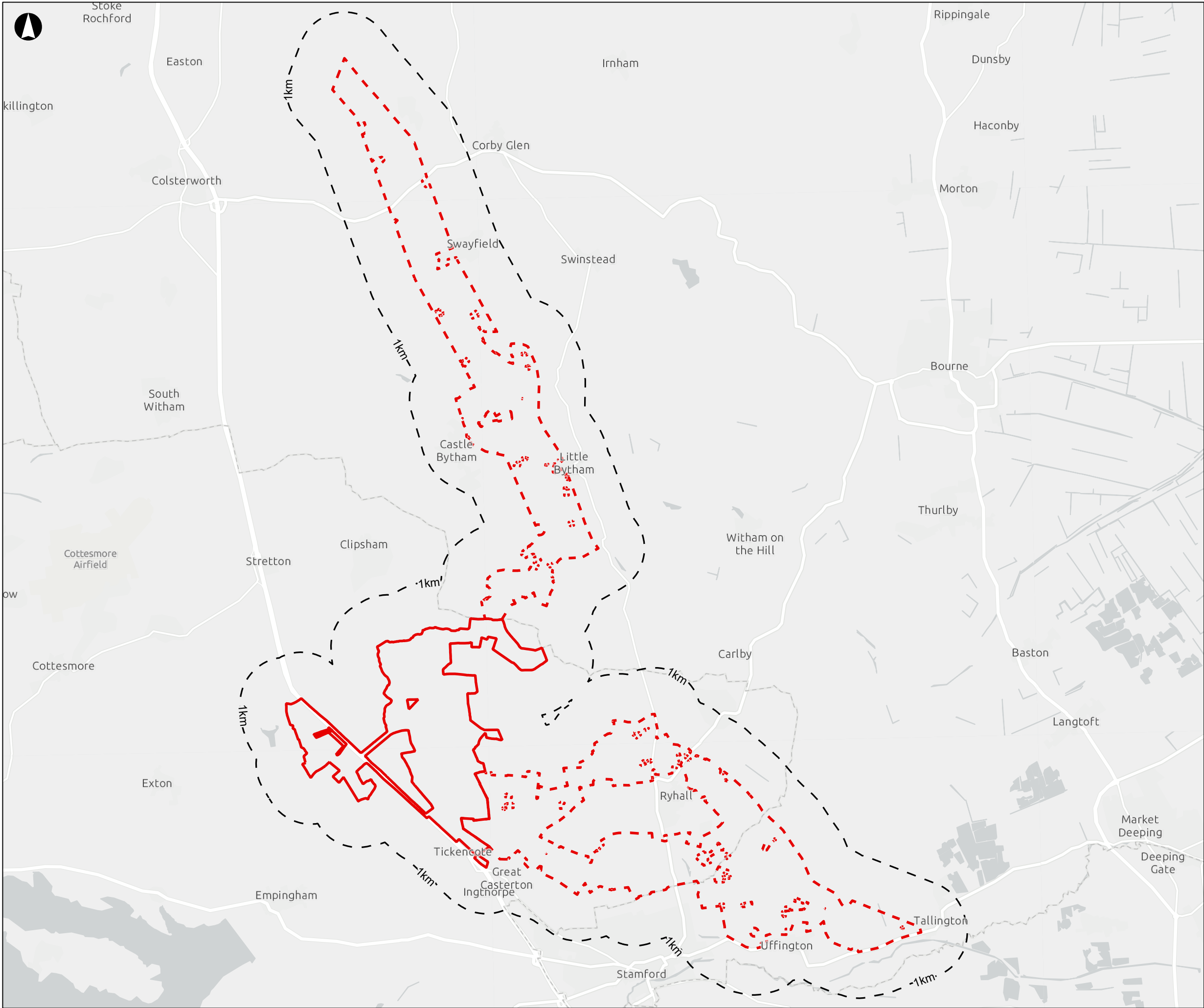
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Project Name
Kilnside Energy Park

Scale at A3
1:40,000

Project Number 304633-00	Rev P01
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Drawing Number KEP-SR09-00002



Solar Development Site

Grid Cable Route Search Area

Site Study Area (1km)

A3



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Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS



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Figure 10.1 Water Environment Study Area

Client

Kilnside Energy Park Limited

Project Name

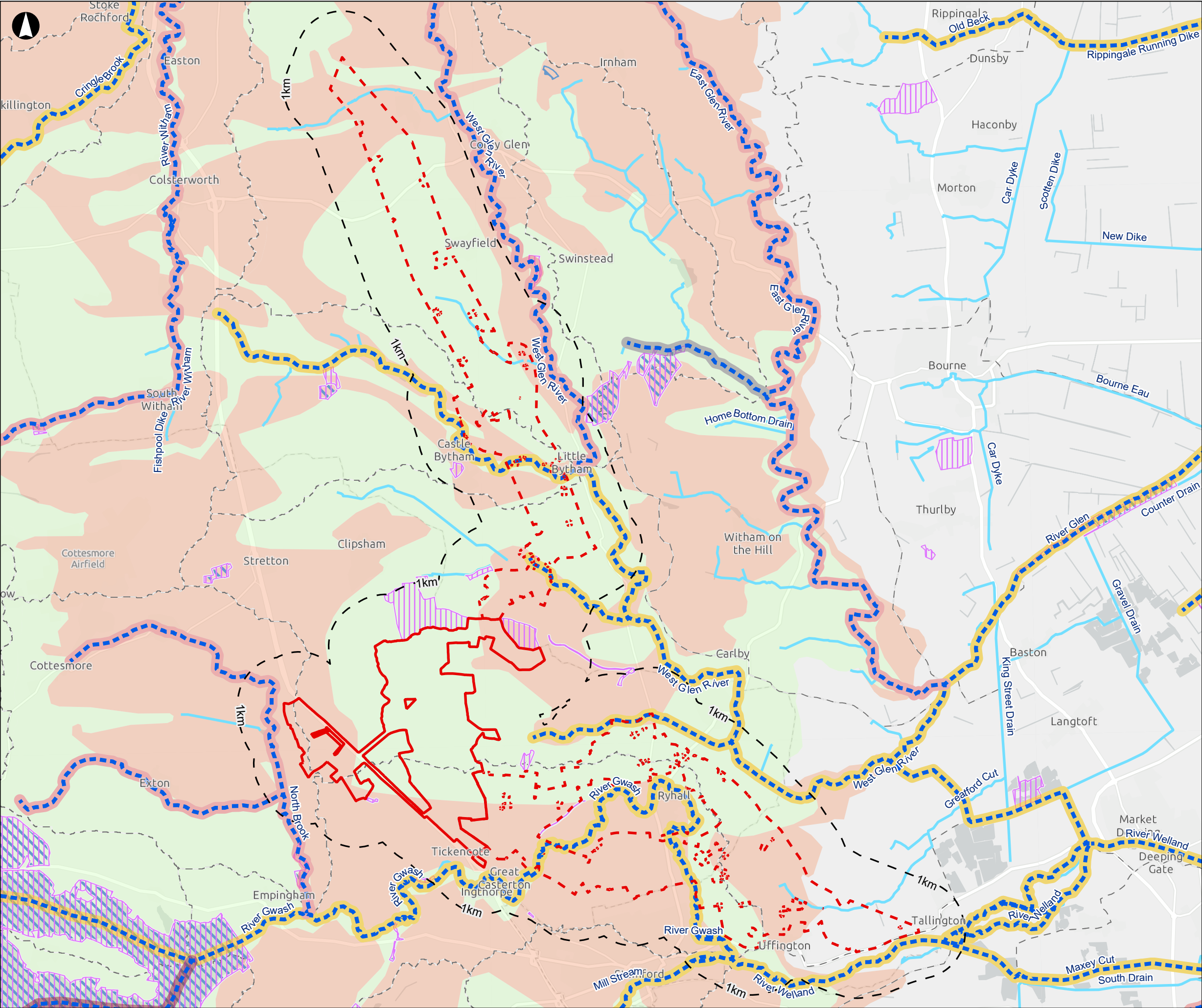
Kilnside Energy Park

Scale at A3

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Project Number	Rev
304633-00	P01

Drawing Number
KEP-SR10-00001



- Solar Development Site
- Grid Cable Route Search Area
- Site Study Area (1km)
- Main River
- Ordinary Watercourse
- Sites Of Special Scientific Interest (SSSI)
- Groundwater Dependent Terrestrial Ecosystems
- WFD Catchments
- WFD Ecology Classification
- High
- Good
- Moderate
- Poor
- Bad
- Not assessed
- WFD Groundwater Body Status
- Good
- Poor



Coordinate System: British National Grid

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World Hillshade: Esri, USGS

Metres					
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P01	09/06/2025	AF	NW	RW	SE
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Drawing Title

Figure 10.2 Surface waterbodies and their attributes

Client

Kilnside Energy Park Limited

Project Name

Kilnside Energy Park

Scale at A3

1:80,000

Project Number

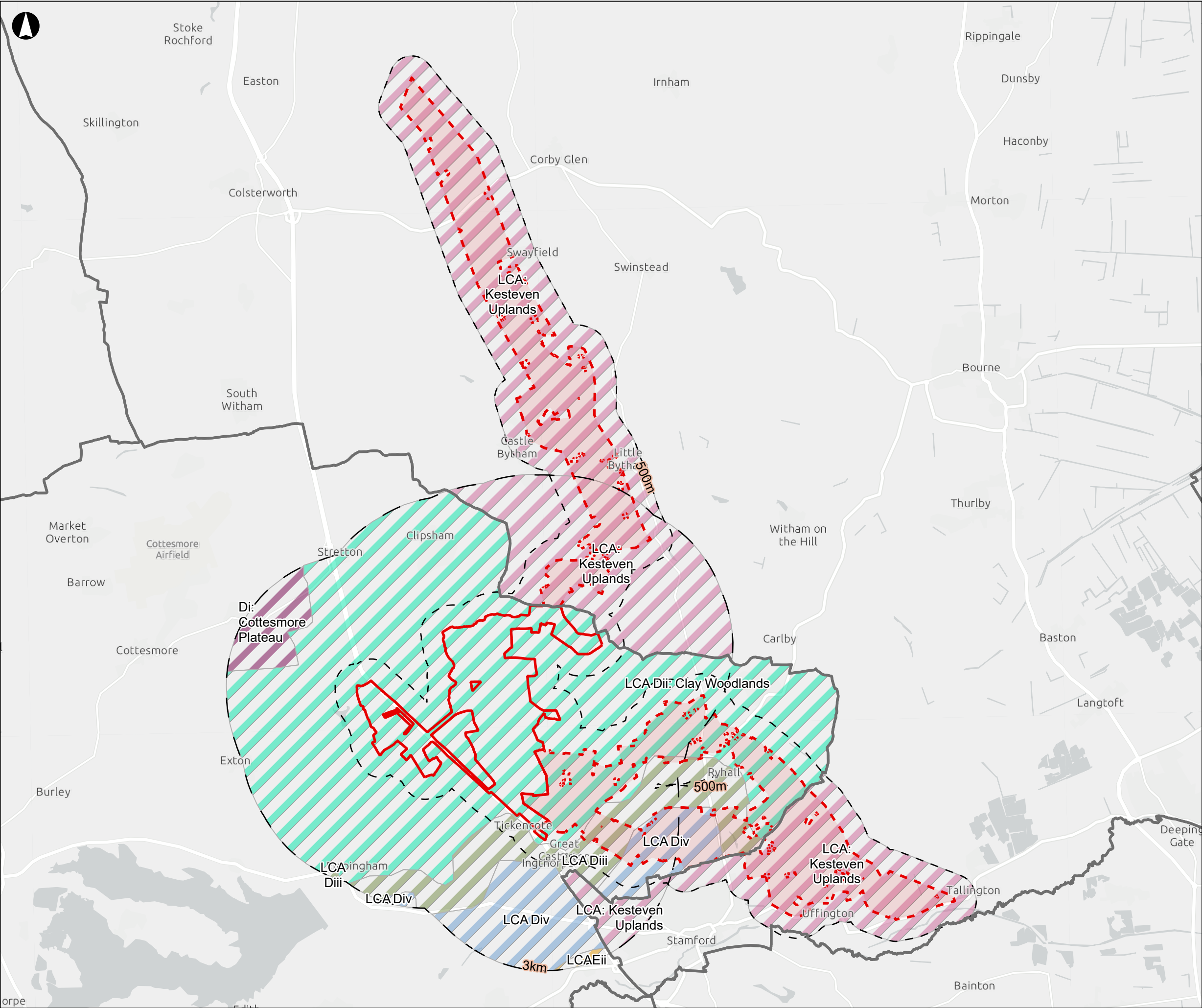
304633-00

Rev

P01

Drawing Number

KEP-SR10-00002



- Solar Development Site
- Solar Development Site Study Area (3km)
- Grid Cable Route Search Area
- Grid Cable Route Search Area study area (500m)
- LCA Dii: Clay Woodlands
- LCA Div: Ketton Plateau
- LCA: Kesteven Uplands
- LCA Eii: Middle Valley East
- Di: Cottesmore Plateau
- District Boundary

A3



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Metres					
0	1,000	2,000	4,000		
P01	09/06/2025	JEP	DW	RW	SE
Rev	Date	By	Chkd	Appd	Authd



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Figure 11.1 Published Landscape Character Areas

Client

Kilnside Energy Park Limited

Project Name

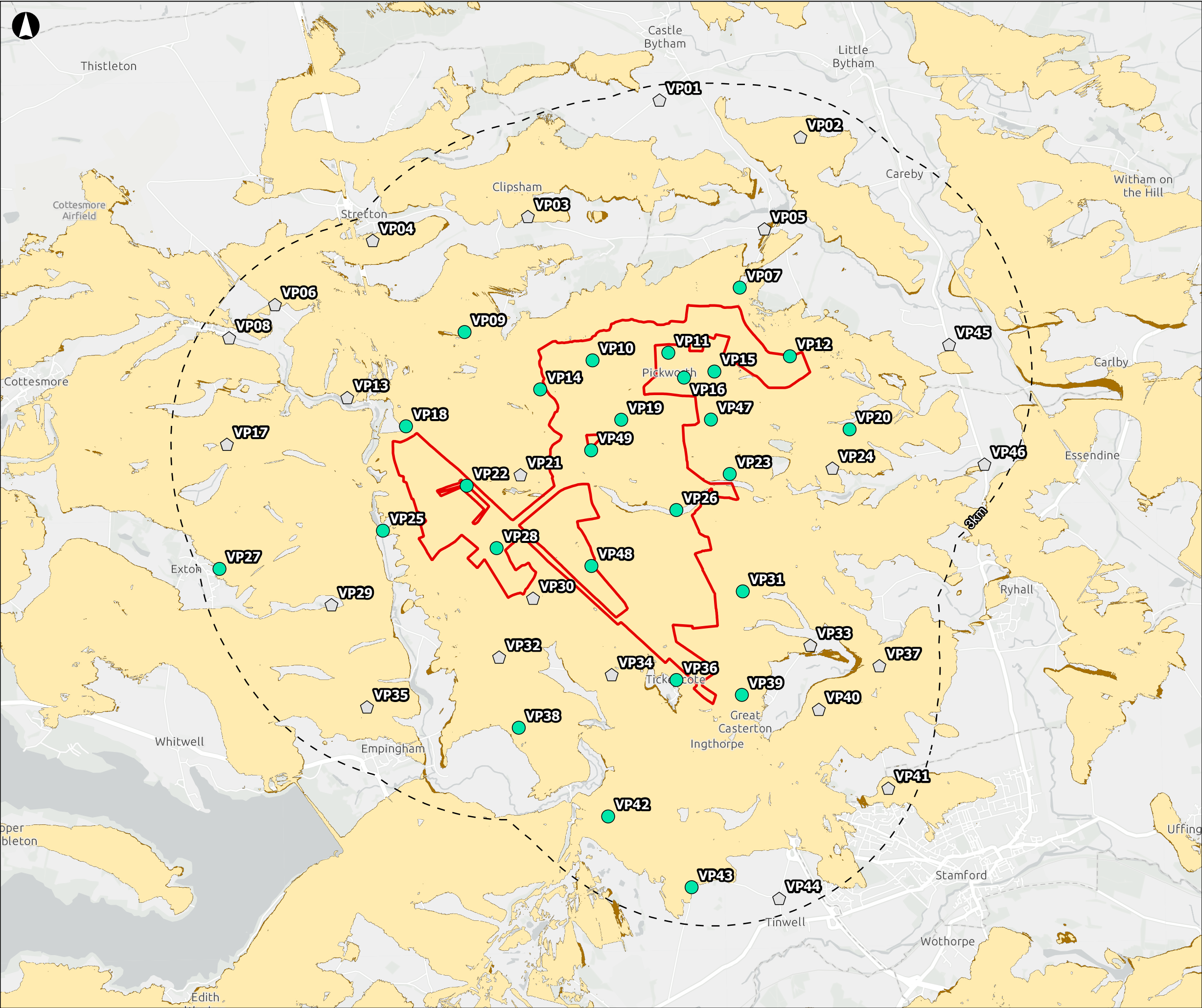
Kilnside Energy Park

Scale at A3

1:85,000

Project Number	Rev
304633-00	P01

Drawing Number
KEP-SR11-00001



- Solar Development Site
- Solar Development Site Study Area (3km)
- Viewpoints to be assessed
- Viewpoints to be kept under review
- 4m Height Panel Area Visibility
- 4.5m Height BESS Visibility

A3



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Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS

Metres					
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P01	29/05/2025	JEP	DW	RW	SE
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Drawing Title

Figure 11.2 Zone of Theoretical Visibility (ZTV) & Proposed Viewpoints – Based on Digital Terrain Model data

Client

Kilnside Energy Park Limited

Project Name

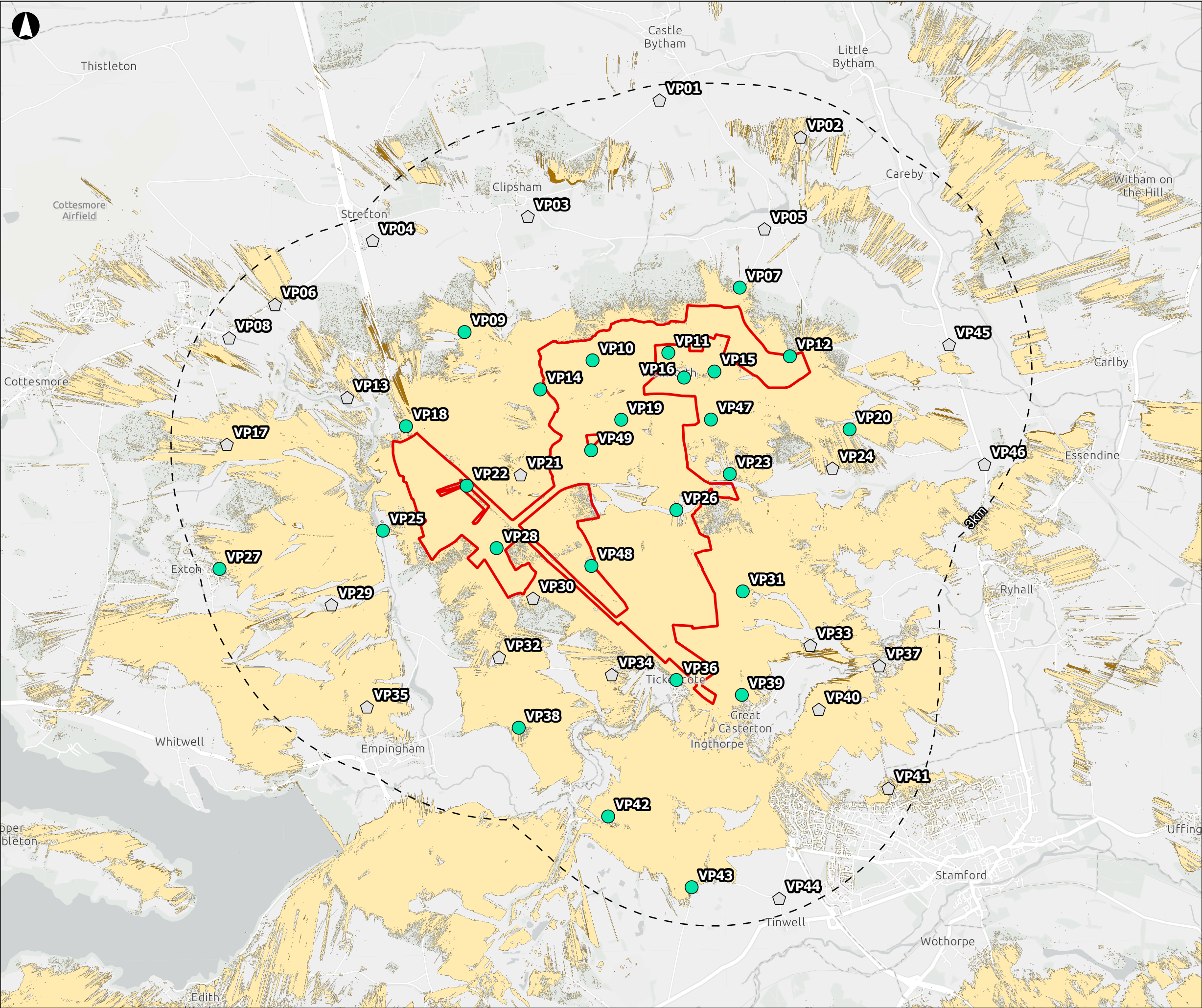
Kilnside Energy Park

Scale at A3

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Project Number	Rev
304633-00	P01

Drawing Number	
KEP-SR11-00002	



- Solar Development Site
- Solar Development Site Study Area (3km)
- Viewpoints to be assessed
- Viewpoints to be kept under review
- 4m Height Panel Area Visibility
- 4.5m Height BESS Visibility

A3



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World Hillshade: Esri, USGS

Metres					
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P01	29/05/2025	JEP	DW	RW	SE
Rev	Date	By	Chkd	Appd	Authd

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Drawing Title

Figure 11.3 Zone of Theoretical Visibility (ZTV) & Proposed Viewpoints – Based on Digital Surface Model data

Client

Kilnside Energy Park Limited

Project Name

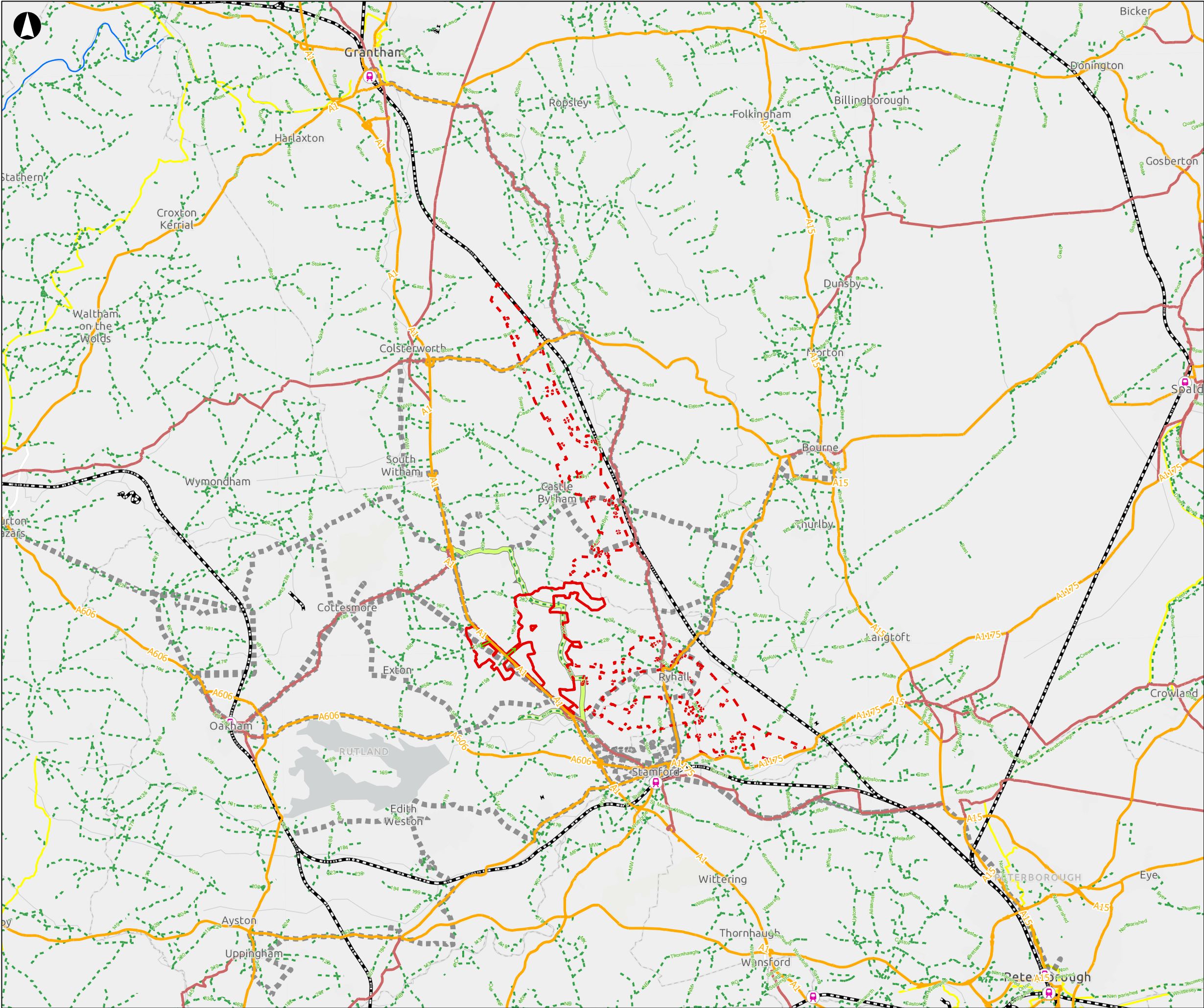
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Scale at A3

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304633-00	P01

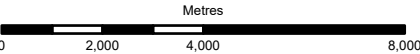
Drawing Number	
KEP-SR11-00002	



- Solar Development Site
- Grid Cable Route Search Area
- Railway Station
- Railway
- A Road
- B Road
- Canal
- National Cycle Network
- Public Rights of Way
- Rutland Round Long Distance Route
- Bus Route



Coordinate System: British National Grid
World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
Light Gray Base: Esri UK, Esri, TomTom, Garmin, METINASA, USGS
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Figure 14.1 Baseline Transport Network

Client
Kilnside Energy Park Limited

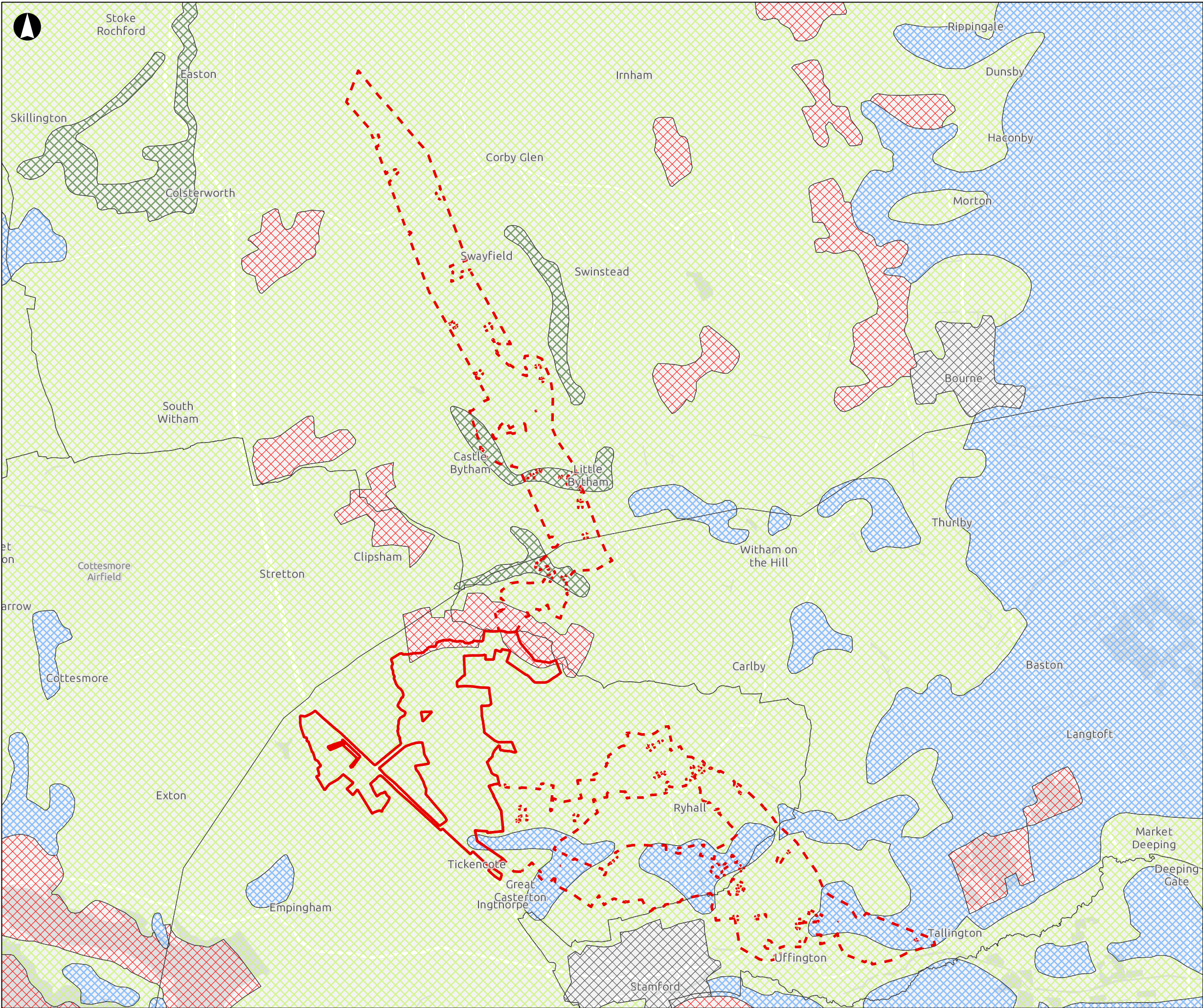
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Kilnside Energy Park

Scale at A3
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Project Number
304633-00

Rev
P01

Drawing Number
KEP-SR14-00001



- Solar Development Site
- Grid Cable Route Search Area
- Grade 1
- Grade 2
- Grade 3
- Grade 4
- Non Agricultural
- Urban



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World Hillshade: Esri, USGS



P01	06/06/2025	JEP	AF	RW	SE
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Drawing Title

Figure 15.1 Provisional Agricultural Land Classification

Client

Kilnside Energy Park Limited

Project Name

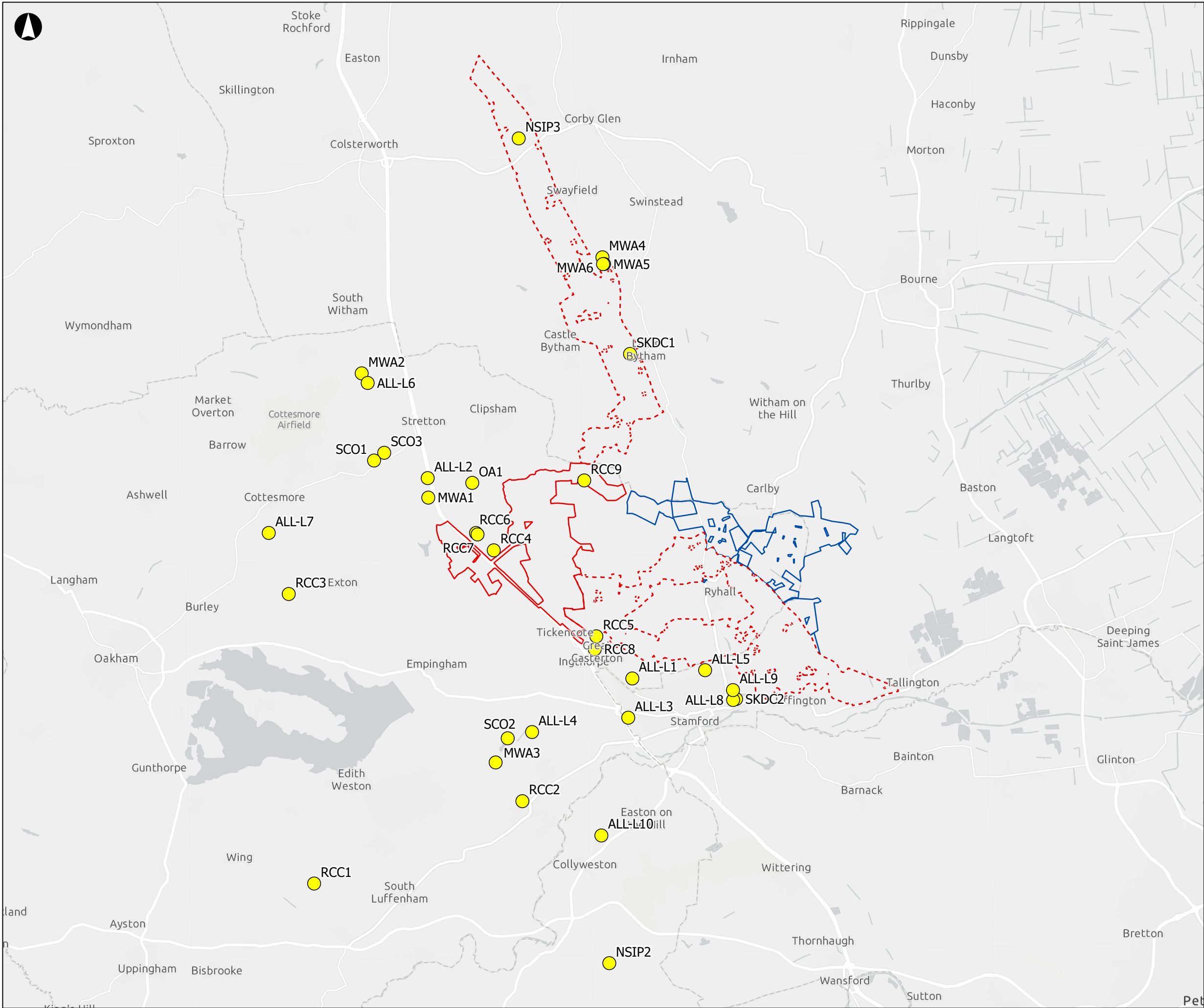
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Scale at A3
1:80,000

Project Number
304633-00

Drawing Number
KEP-SR15-00001

Rev
P01



Solar Development Site

Grid Cable Route Search Area

Other Developments

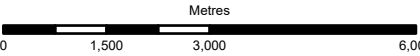
Mallard Pass Solar Farm (NSIP1)

A3



Coordinate System: British National Grid

Copyright Information: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
Light Gray Reference: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
Light Gray Base: Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS
World Hillshade: Esri, USGS



P01	16/06/2025	AC	EF	RW	SE
Rev	Date	By	Chkd	Appd	Authd



Drawing Title

Figure 17.1 Cumulative Assessment Initial Long List

Client

Kilside Energy Park Limited

Project Name

Kilside Energy Park

Scale at A3

1:110,000

Project Number

304633-00

Rev

P01

Drawing Number

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