

Rosefield Solar Farm

Environmental Statement

Volume 3
Chapter 17: Cumulative Effects Figures

APFP Regulation Reg 5(2)(a)
Planning Act 2008
Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009
EN010158/APP/6.3
September 2025
Rosefield Energyfarm Limited

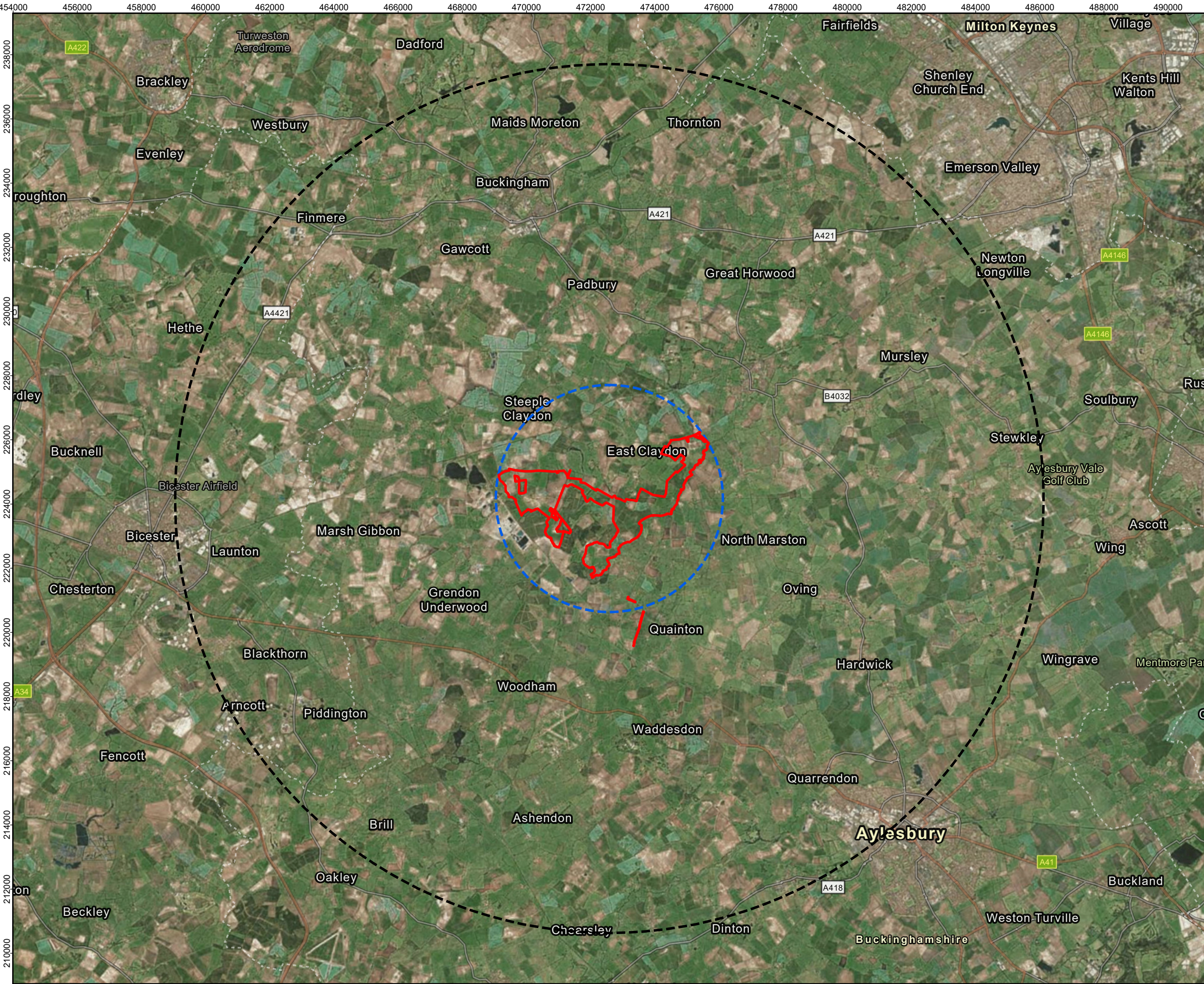


ES Volume 3: Figures

Chapter 17: Cumulative Effects

Drawing number	Revision number	Drawing title	Scale
17.1	01	Cumulative Zone of Influence	1:110,000 @ A3
17.2	01	Cumulative Short List Radius	1:100,000 @ A3
17.3 a	01	Cumulative ZTV – National Grid East Claydon Substation Extension – Bare Earth	1:61,000 @ A3
17.3 b	01	Cumulative ZTV – National Grid East Claydon Substation Extension – Screening	1:61,000 @ A3
17.4 a	01	Cumulative ZTV – East Claydon Greener Grid Park – Bare Earth	1:61,000 @ A3
17.4 b	01	Cumulative ZTV – East Claydon Greener Grid Park – Screening	1:61,000 @ A3
17.5 a	01	Cumulative ZTV – Tuckey Solar Farm – Bare Earth	1:61,000 @ A3
17.5 b	01	Cumulative ZTV – Tuckey Solar Farm – Screening	1:61,000 @ A3
17.6 a	01	Cumulative ZTV – Longbreach Solar Farm – Bare Earth	1:61,000 @ A3
17.6 b	01	Cumulative ZTV – Longbreach Solar Farm – Screening	1:61,000 @ A3
17.7 a	01	Cumulative ZTV – East Claydon BESS – Bare Earth	1:61,000 @ A3
17.7 b	01	Cumulative ZTV – East Claydon BESS – Screening	1:61,000 @ A3

17.8 a	01	Cumulative ZTV – Littleton Manor Farm – Bare Earth	1:61,000 @ A3
17.8 b	01	Cumulative ZTV – Littleton Manor Farm - Screening	1:61,000 @ A3
17.9 a	01	Cumulative ZTV – All Cumulative Sites – Bare Earth	1:61,000 @ A3
17.9 b	01	Cumulative ZTV – All Cumulative Sites – Screening	1:61,000 @ A3



LEGEND:

- Order Limits
- Bounding Circle
- Zone of Influence

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

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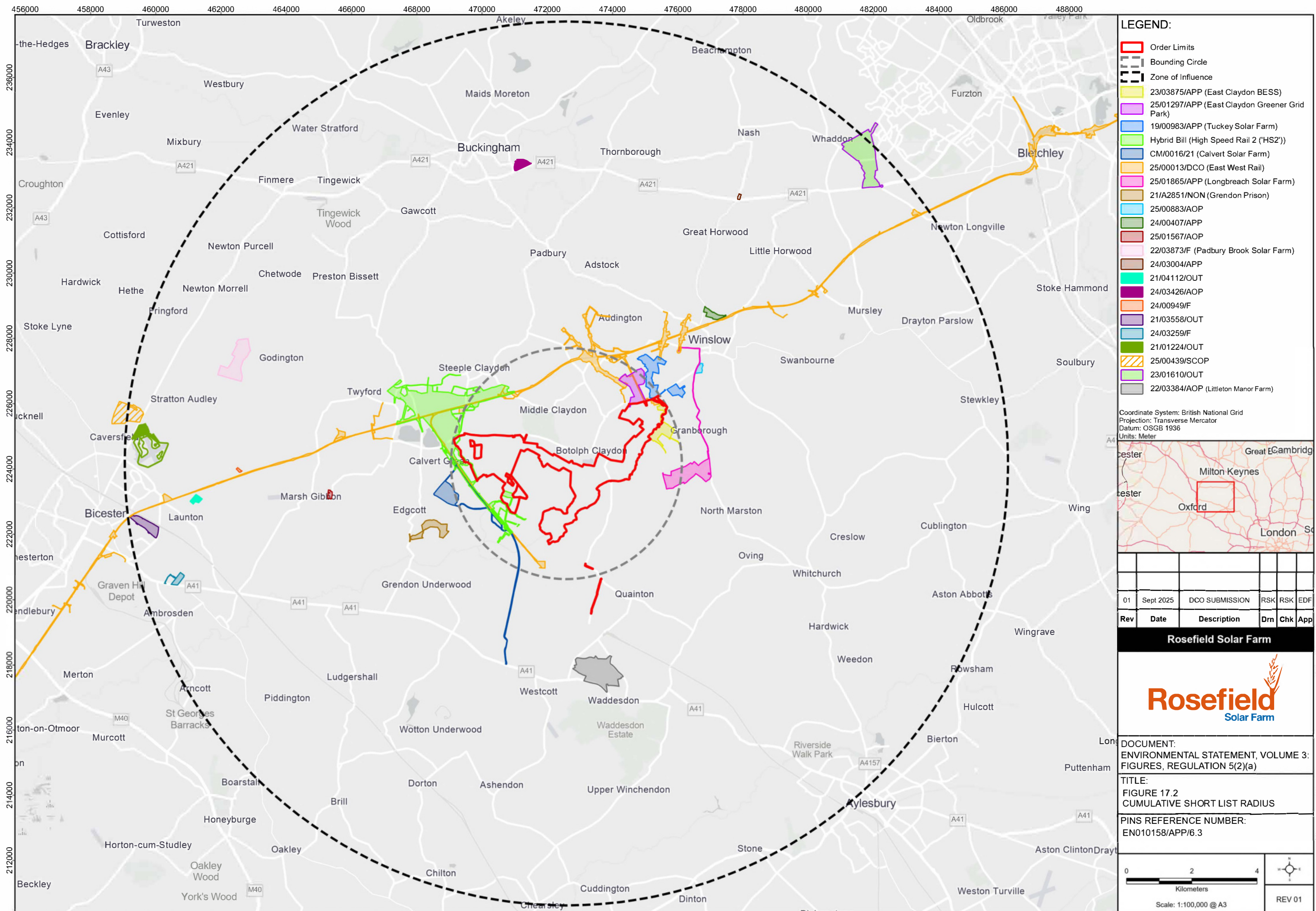
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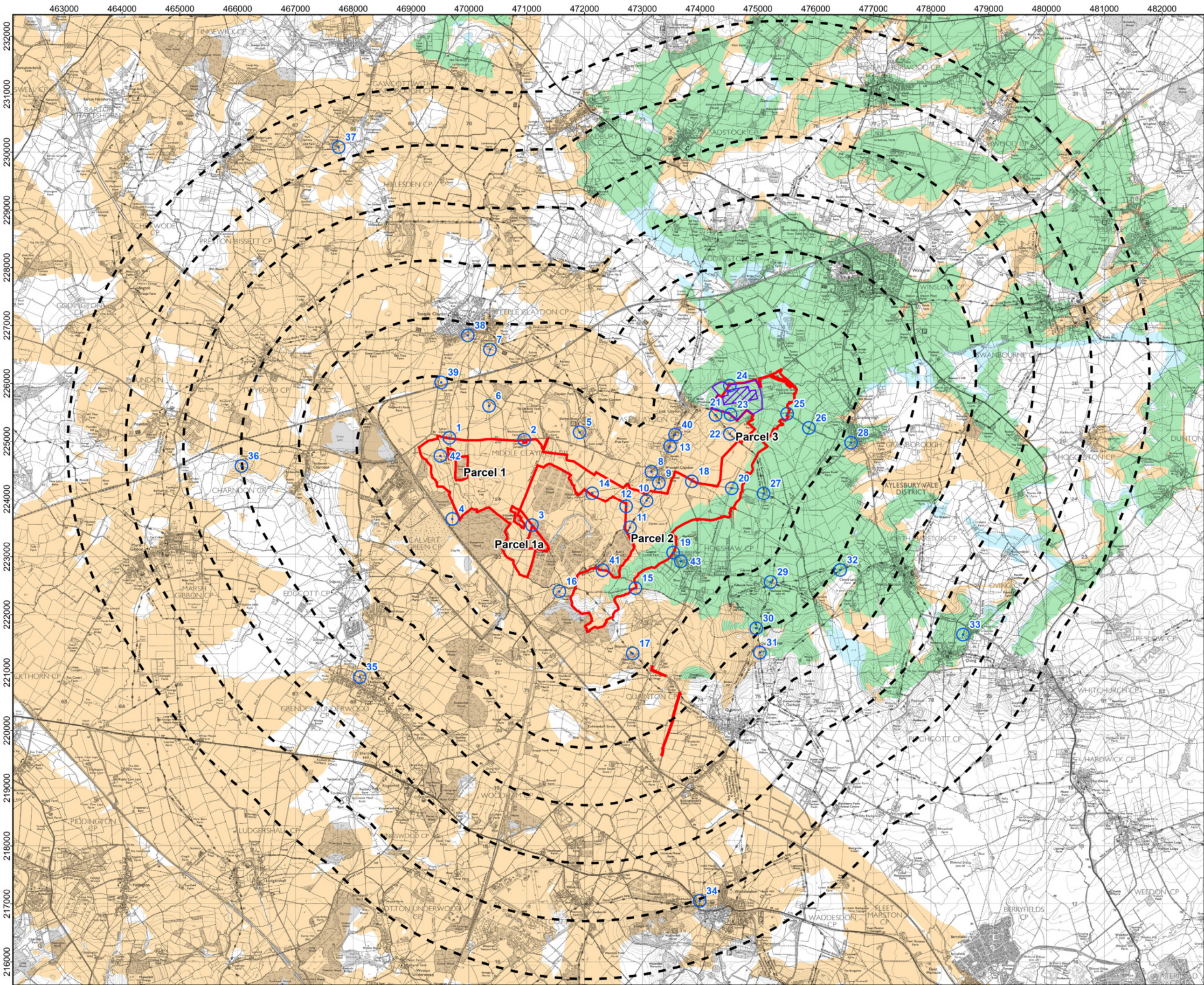
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FIGURE 17.1
CUMULATIVE ZONE OF INFLUENCE

PINS REFERENCE NUMBER:
EN010158/APP/6.3

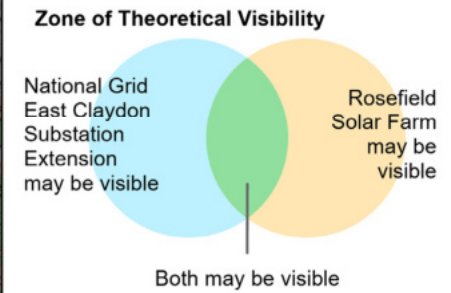
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REV 01





- LEGEND:**
- Order Limits
 - Distance Radii from All Proposed Built Development (1-6km)
 - Viewpoints
 - National Grid East Claydon Substation Extension - Development Area
 - National Grid East Claydon Substation Extension - Site Boundary



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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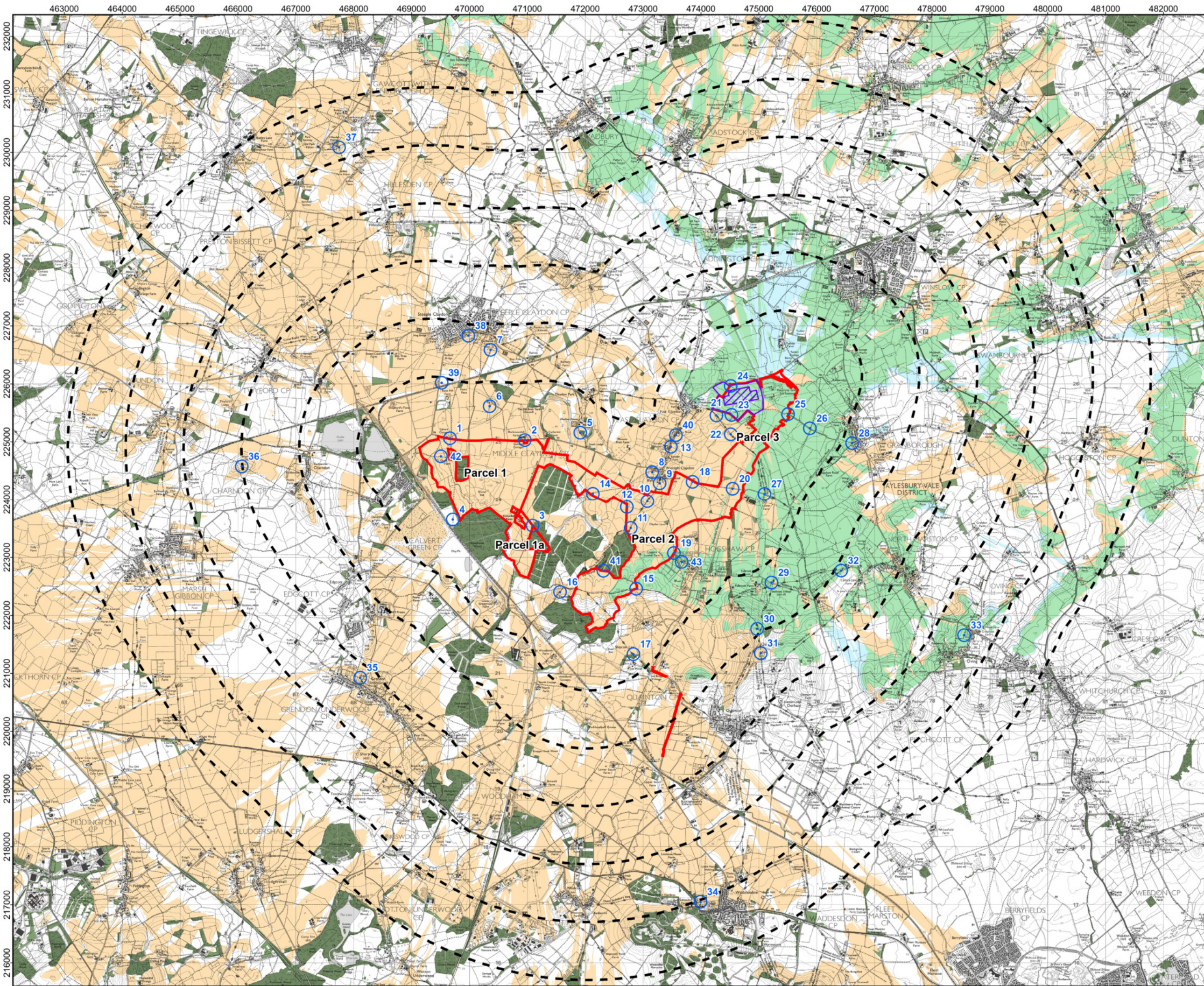
TITLE:
FIGURE 17.3a
CUMULATIVE ZTV - NATIONAL GRID EAST
CLAYDON SUBSTATION EXT. - BARE EARTH

PINS REFERENCE NUMBER:
EN010158/APP/6.3

0 1 2
Kilometers

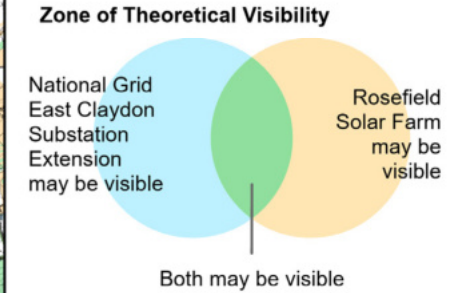
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LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland (modelled at 10m)
- Buildings (modelled at 6m)
- National Grid East Claydon Substation Extension - Development Area
- National Grid East Claydon Substation Extension - Site Boundary



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



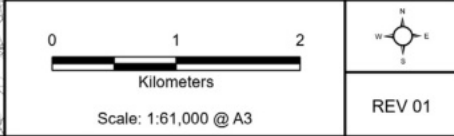
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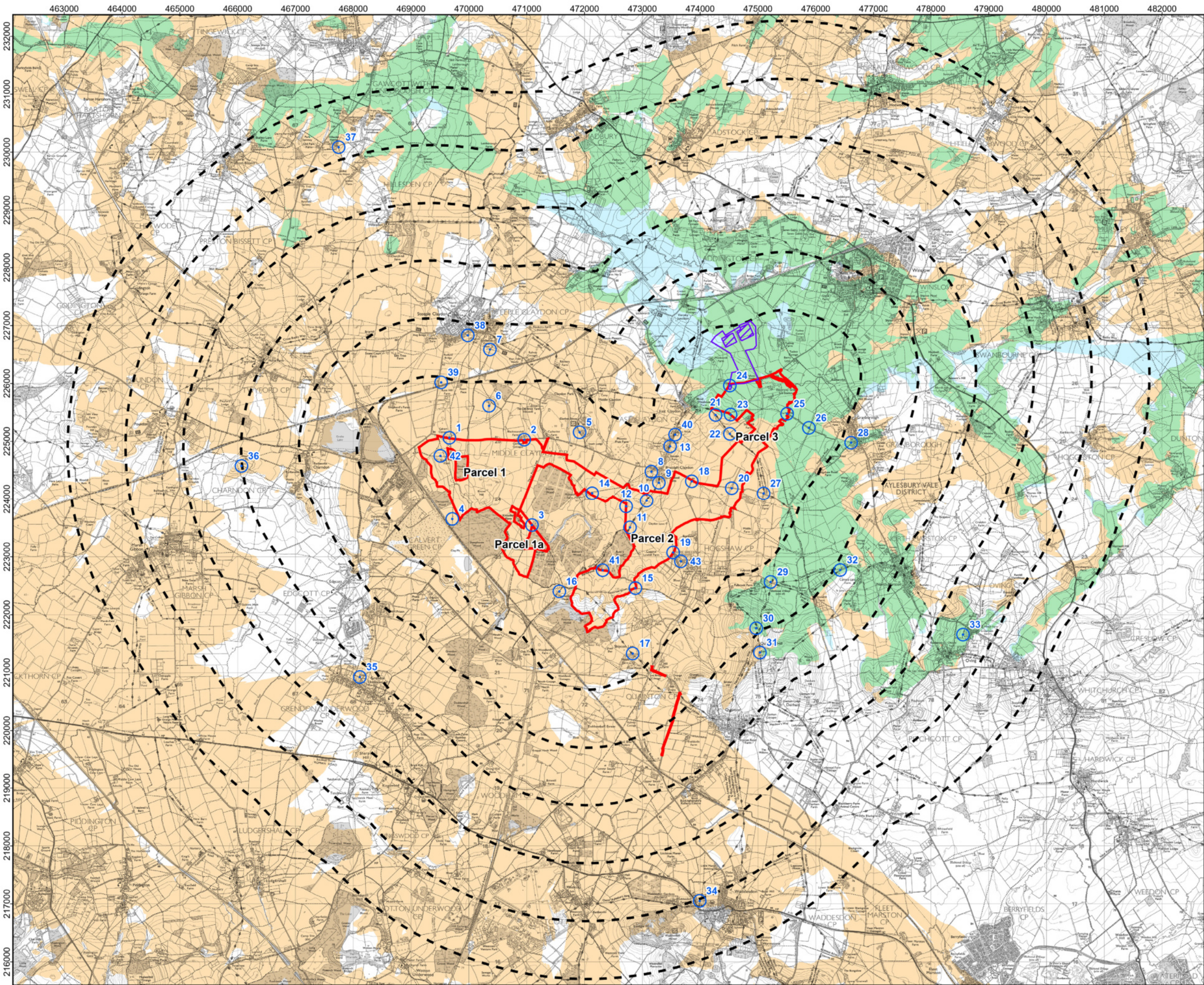
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TITLE:
FIGURE 17.3b
CUMULATIVE ZTV - NATIONAL GRID EAST
CLAYDON SUBSTATION EXT. - SCREENING

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EN010158/APP/6.3

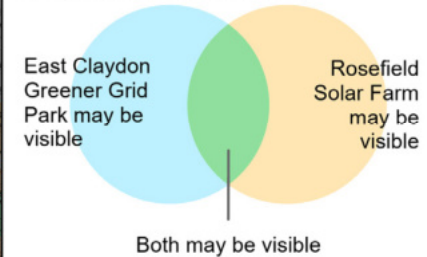




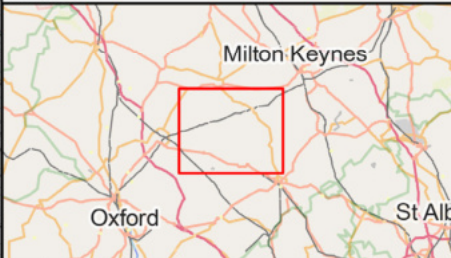
LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- East Claydon Greener Grid Park - Site Boundary
- East Claydon Greener Grid Park - Development Area

Zone of Theoretical Visibility



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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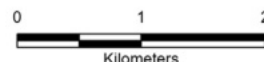
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ENVIRONMENTAL STATEMENT
VOLUME 3: FIGURES
REGULATION 5(2)(a)

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FIGURE 17.4a
CUMULATIVE ZTV - EAST CLAYDON GREENER
GRID PARK - BARE EARTH

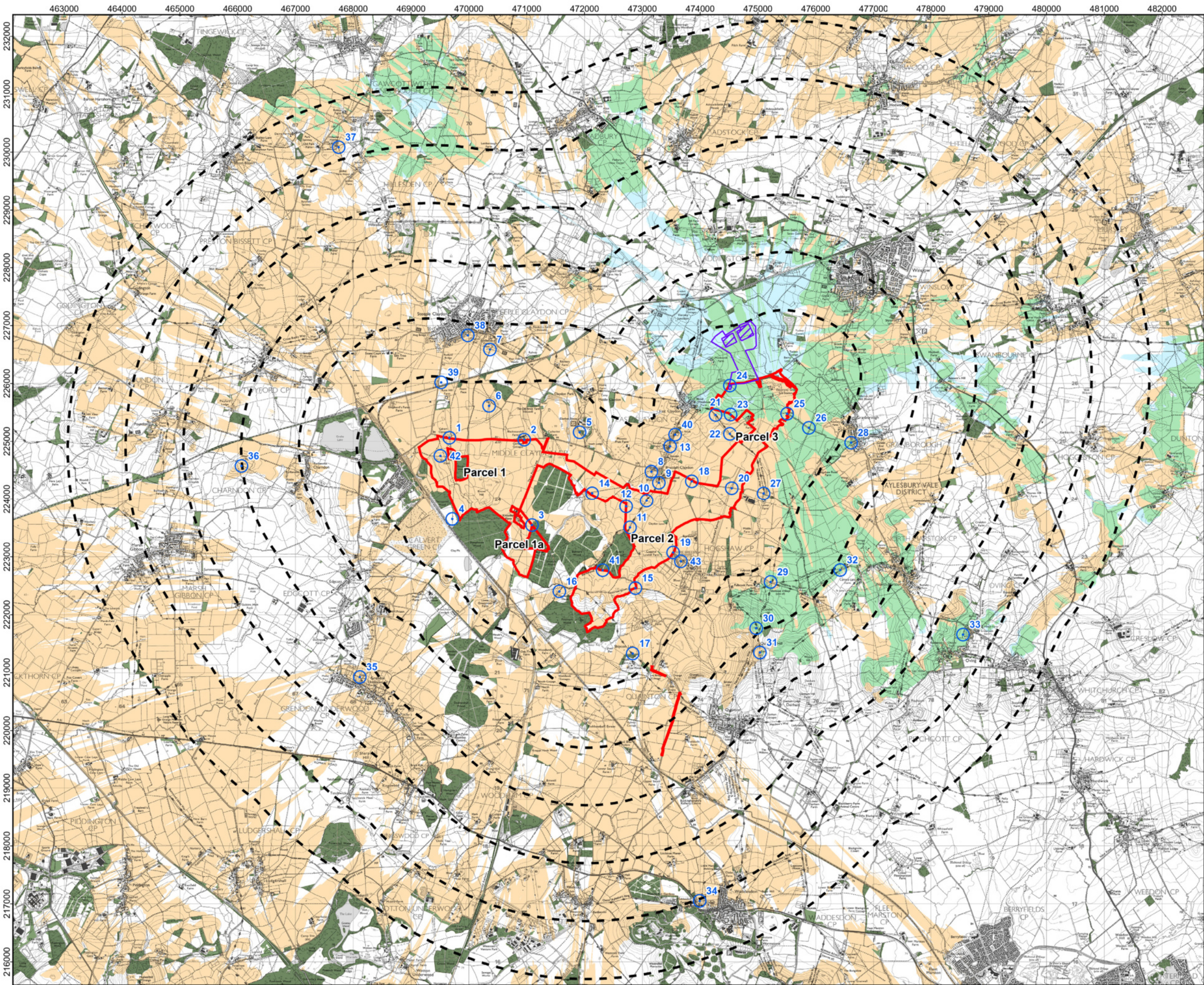
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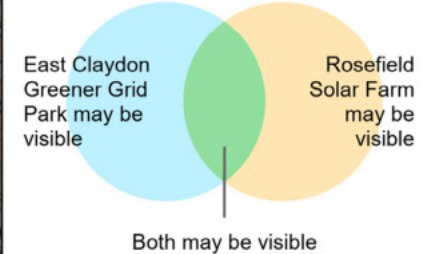
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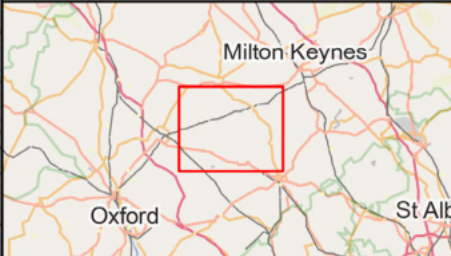
LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland (modelled at 10m)
- Buildings (modelled at 6m)
- East Claydon Greener Grid Park - Site Boundary
- East Claydon Greener Grid Park - Development Area

Zone of Theoretical Visibility



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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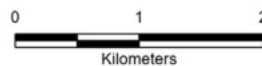
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ENVIRONMENTAL STATEMENT
VOLUME 3: FIGURES
REGULATION 5(2)(a)

TITLE:
FIGURE 17.4b
CUMULATIVE ZTV - EAST CLAYDON GREENER
GRID PARK - SCREENING

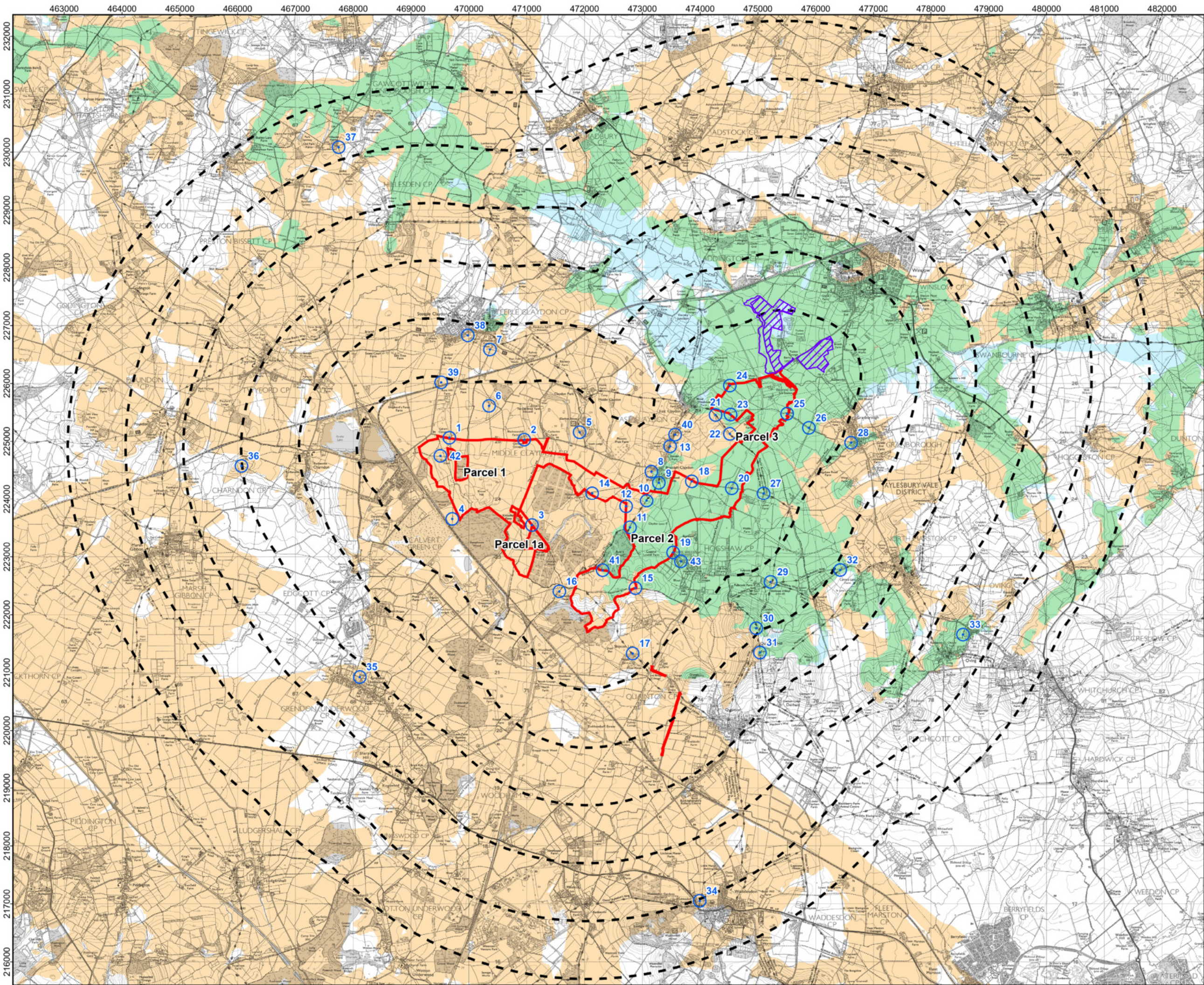
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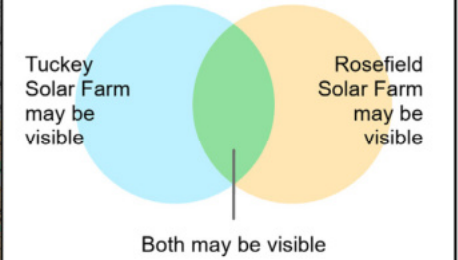
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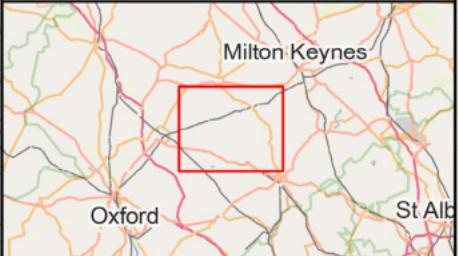
LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Tuckey Solar Farm - Site Boundary
- Tuckey Solar Farm - Development Area

Zone of Theoretical Visibility



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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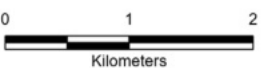
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TITLE:
FIGURE 17.5a
CUMULATIVE ZTV - TUCKEY SOLAR FARM - BARE EARTH

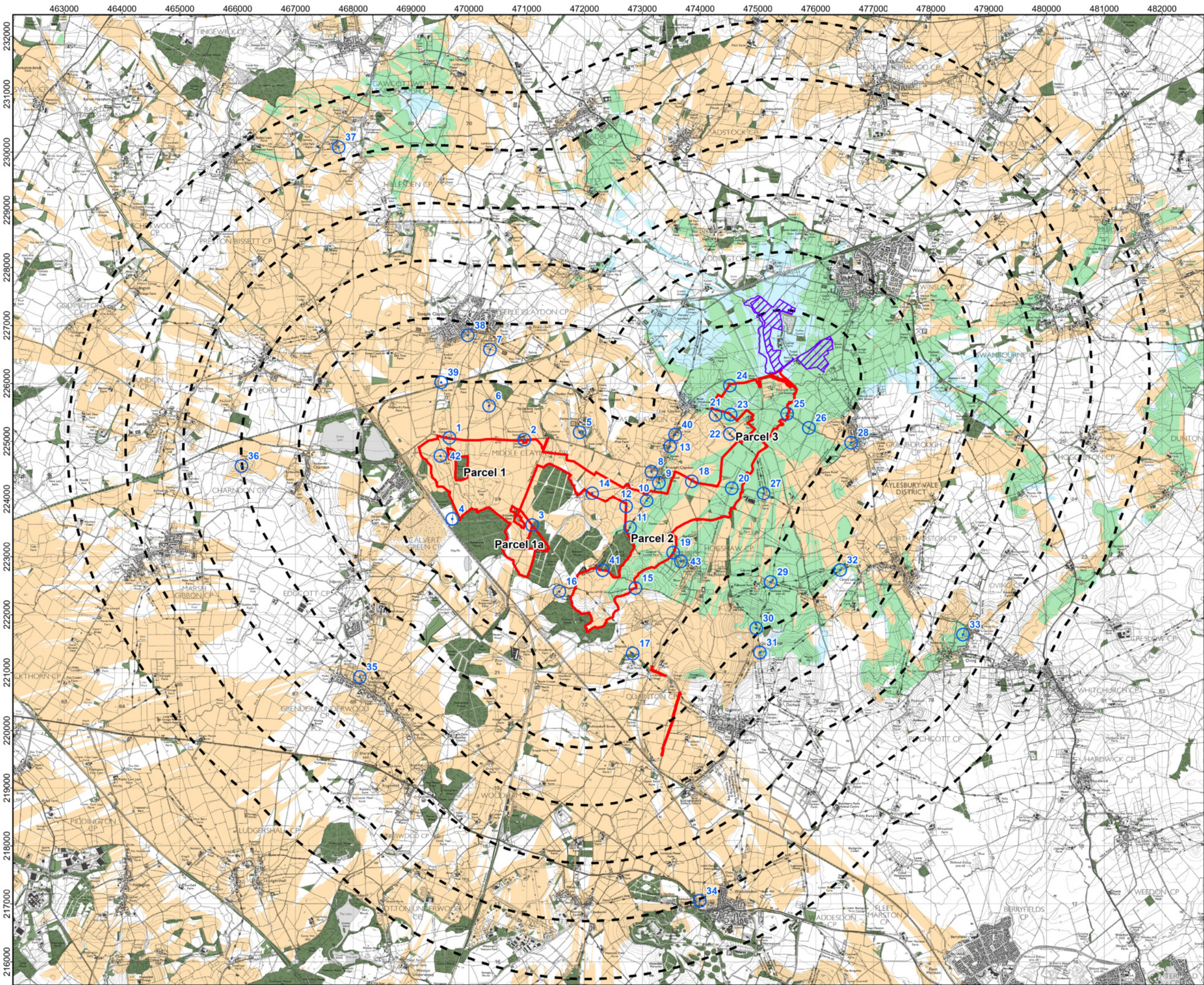
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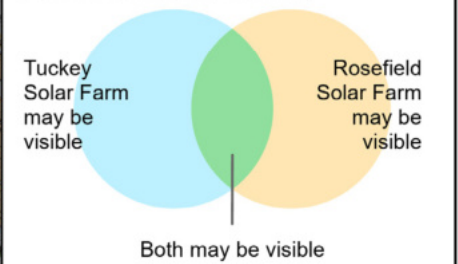
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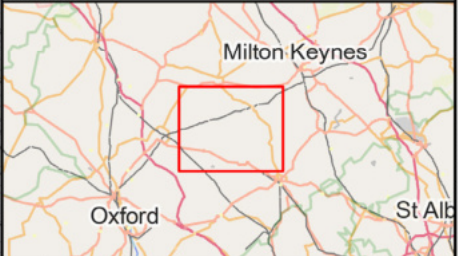
LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland (modelled at 10m)
- Buildings (modelled at 6m)
- Tuckey Solar Farm - Site Boundary
- Tuckey Solar Farm - Development Area

Zone of Theoretical Visibility



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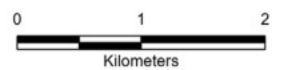
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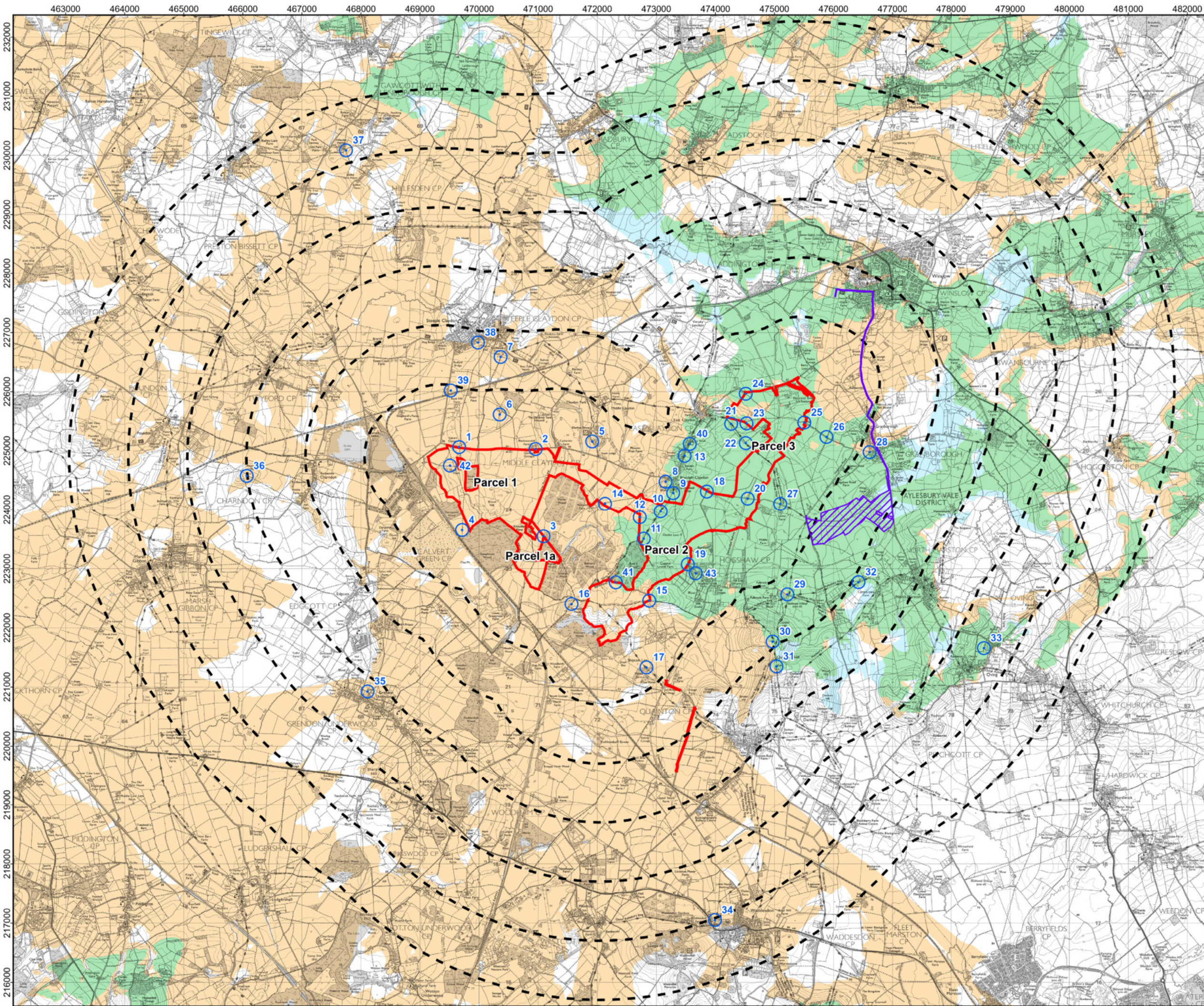
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FIGURE 17.5b
CUMULATIVE ZTV - TUCKEY SOLAR FARM -
SCREENING

PINS REFERENCE NUMBER:
EN010158/APP/6.3



Scale: 1:61,000 @ A3

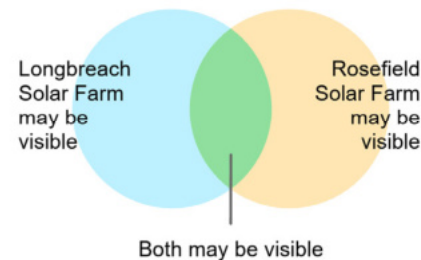
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LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Longbreach Solar Farm - Development area
- Longbreach Solar Farm - Site Boundary

Zone of Theoretical Visibility



Coordinate System: British National Grid
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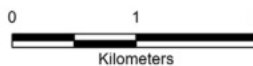
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TITLE:
FIGURE 17.6a
CUMULATIVE ZTV - LONGBREACH SOLAR FARM-
BARE EARTH

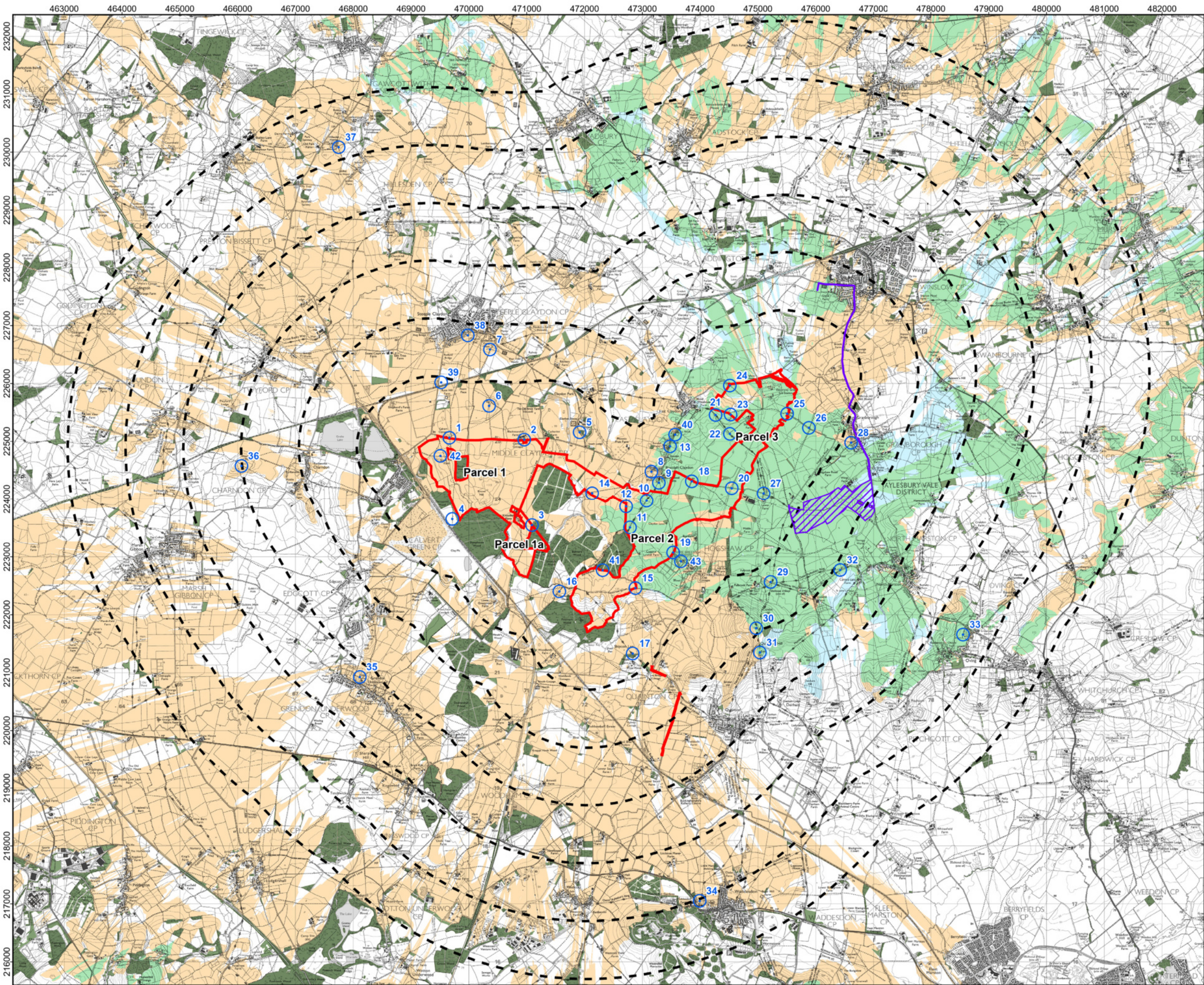
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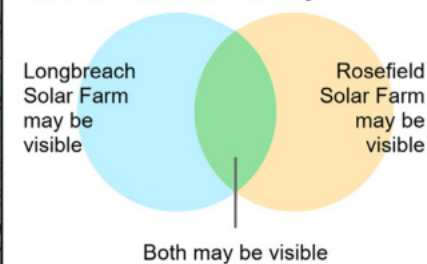
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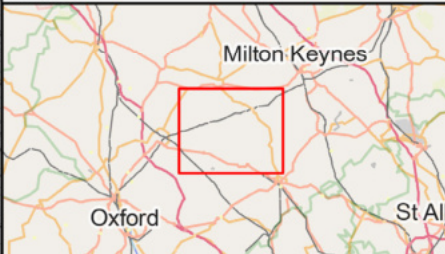
LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Longbreach Solar Farm - Development area
- Longbreach Solar Farm - Site Boundary
- Buildings (modelled at 6m)
- Woodland (modelled at 10m)

Zone of Theoretical Visibility



Coordinate System: British National Grid
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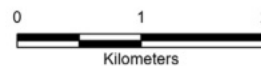
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TITLE:
FIGURE 17.6b
CUMULATIVE ZTV - LONGBREACH SOLAR FARM -
SCREENING

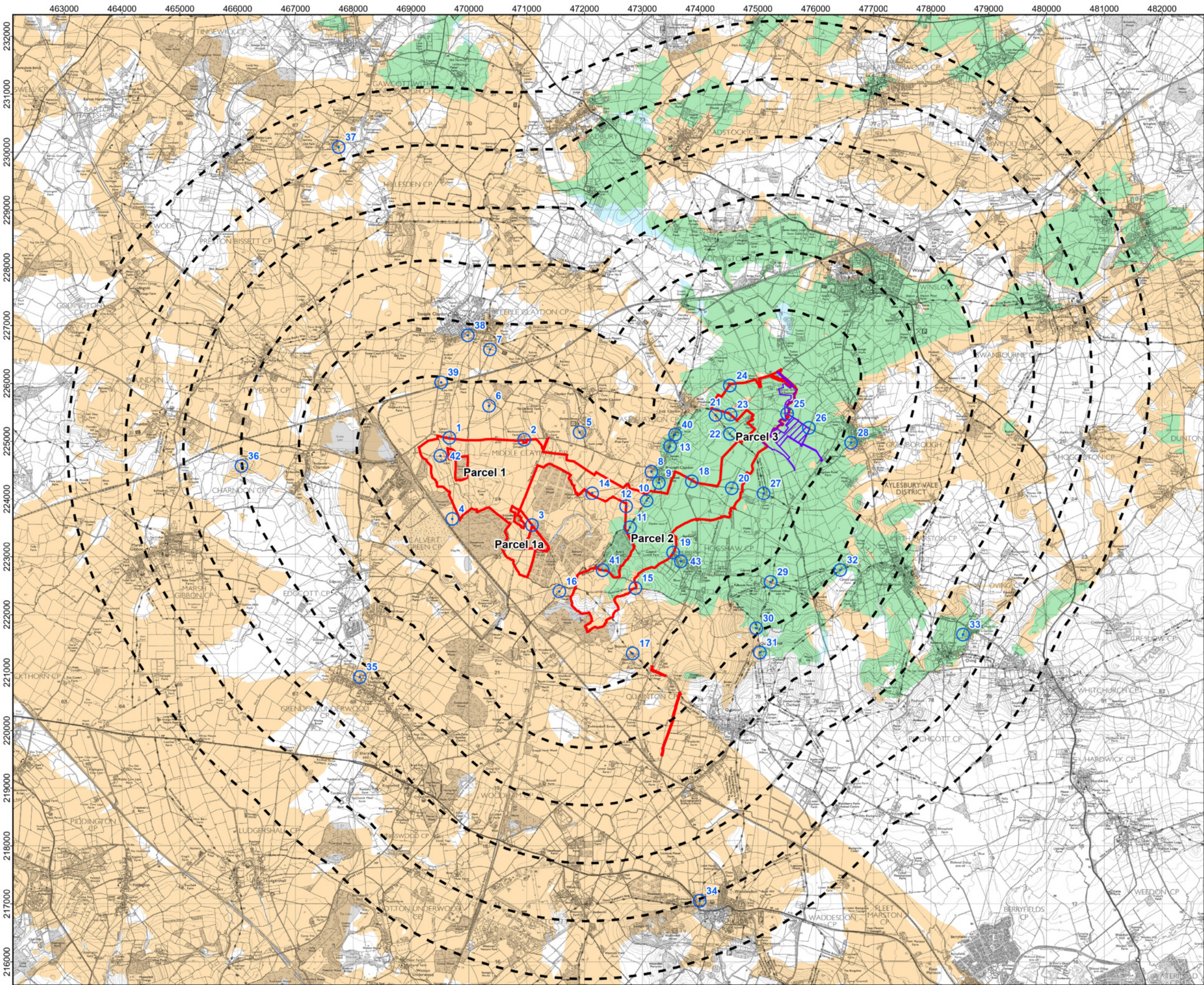
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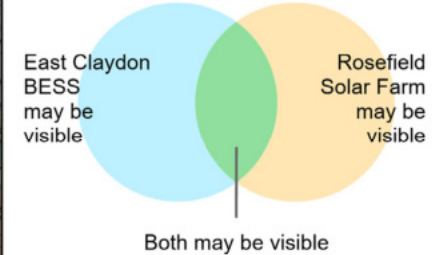
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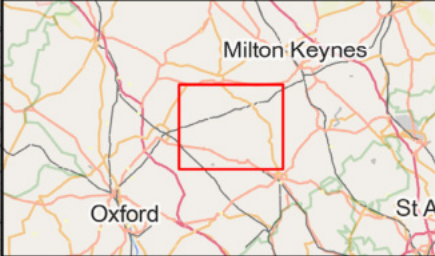
LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- East Claydon BESS - Site Boundary
- East Claydon BESS - Development Area

Zone of Theoretical Visibility



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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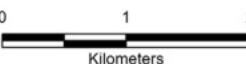
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VOLUME 3: FIGURES
REGULATION 5(2)(a)

TITLE:
FIGURE 17.7a
CUMULATIVE ZTV - EAST CLAYDON BESS - BARE EARTH

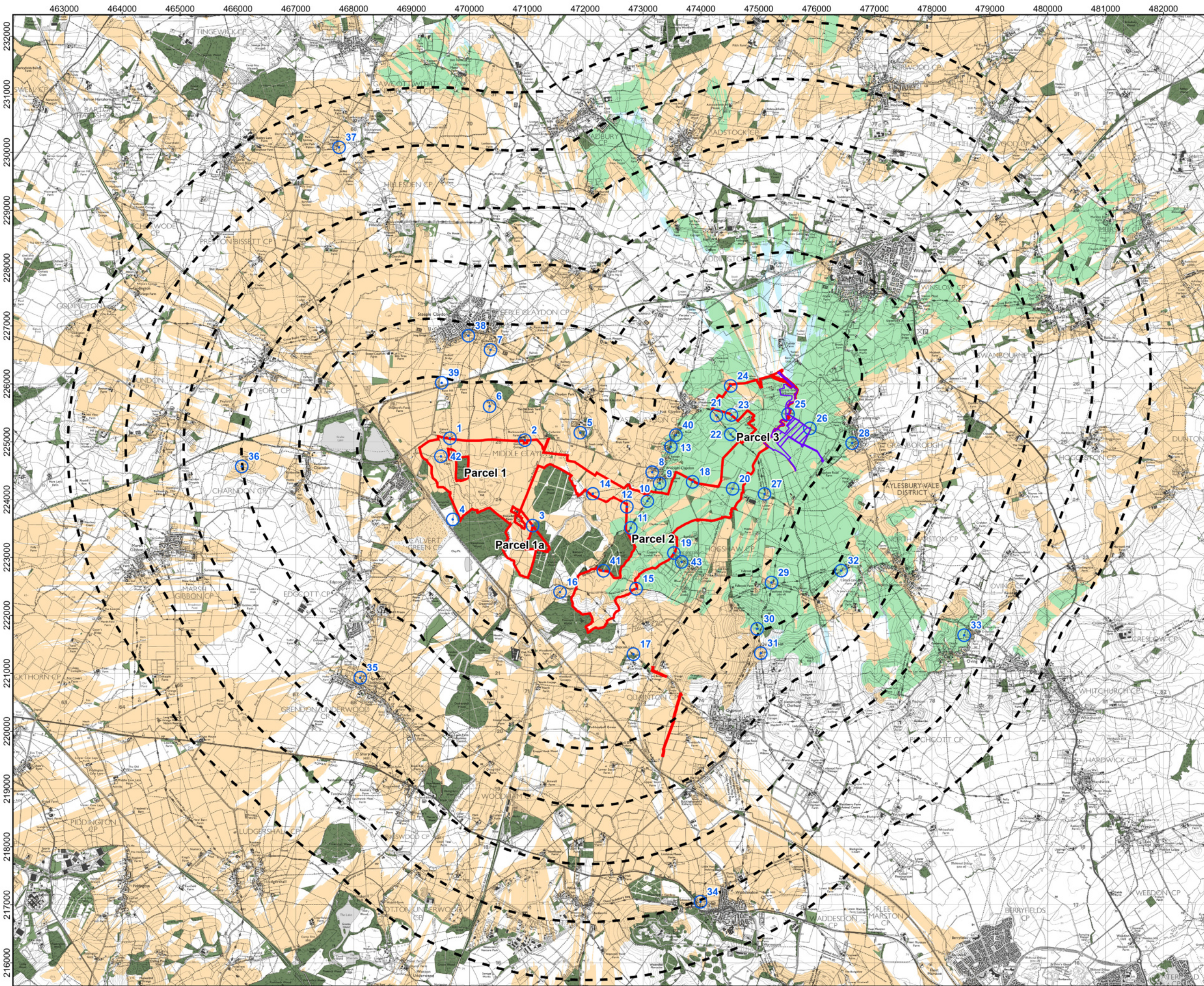
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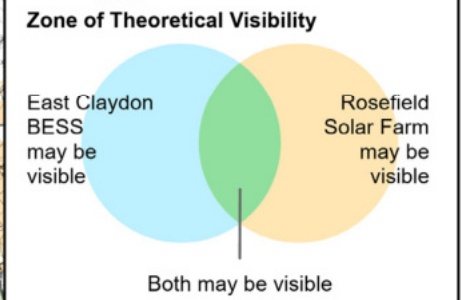
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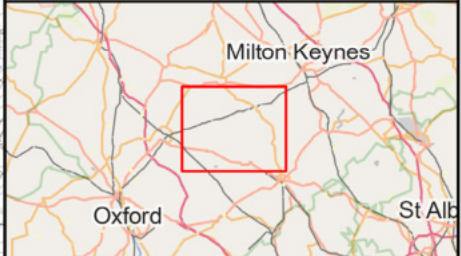
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- LEGEND:**
- Order Limits
 - Distance Radii from All Proposed Built Development (1-6km)
 - Viewpoints
 - Woodland (modelled at 10m)
 - Buildings (modelled at 6m)
 - East Claydon BESS - Site Boundary
 - East Claydon BESS - Development Area



Coordinate System: British National Grid
Projection: Transverse Mercator
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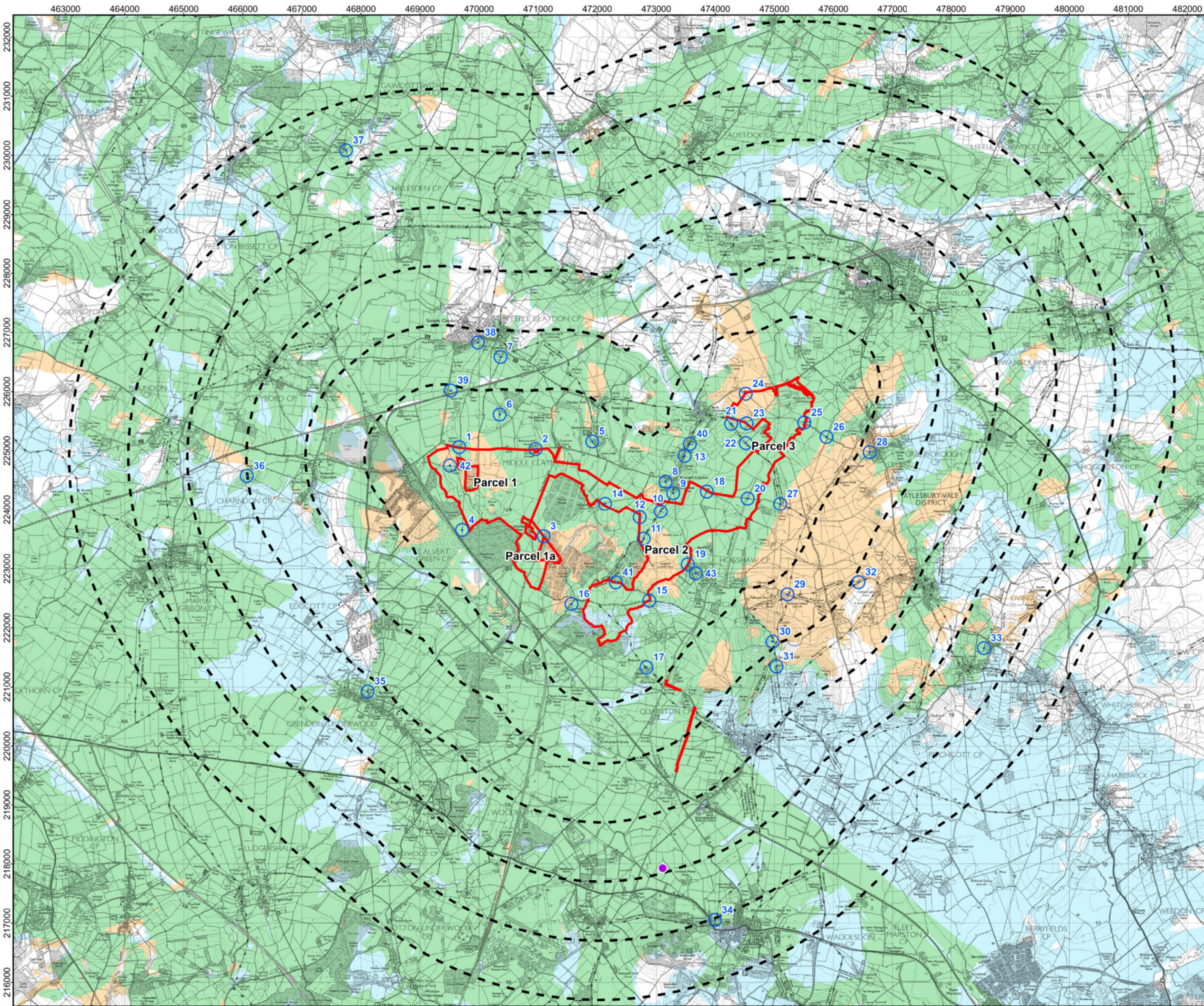
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VOLUME 3: FIGURES
REGULATION 5(2)(a)

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FIGURE 17.7b
CUMULATIVE ZTV - EAST CLAYDON BESS -
SCREENING

PINS REFERENCE NUMBER:
EN010158/APP/6.3

Scale: 1:61,000 @ A3

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LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Littleton Manor Farm Wind Turbine

Zone of Theoretical Visibility

Littleton Manor Farm may be visible

Rosefield Solar Farm may be visible

Both may be visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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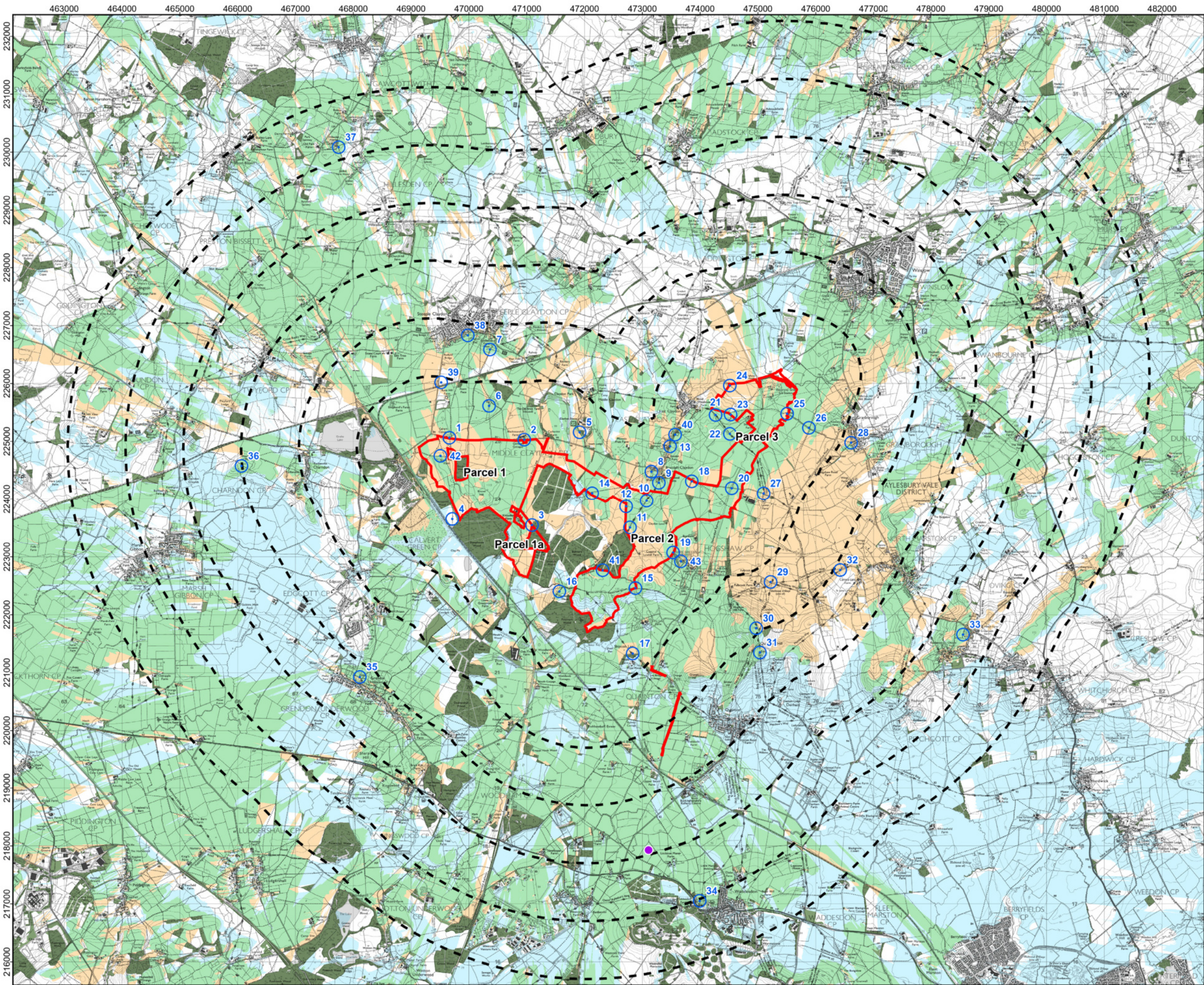
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FIGURE 17.8a
CUMULATIVE ZTV - LITTLETON MANOR FARM -
BARE EARTH

PINS REFERENCE NUMBER:
EN010158/APP/6.3

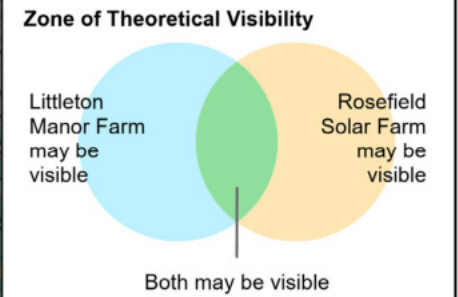
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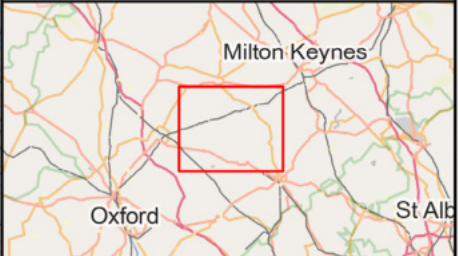
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- LEGEND:**
- Order Limits
 - Distance Radii from All Proposed Built Development (1-6km)
 - Viewpoints
 - Woodland (modelled at 10m)
 - Buildings (modelled at 6m)
 - Littleton Manor Farm Wind Turbine



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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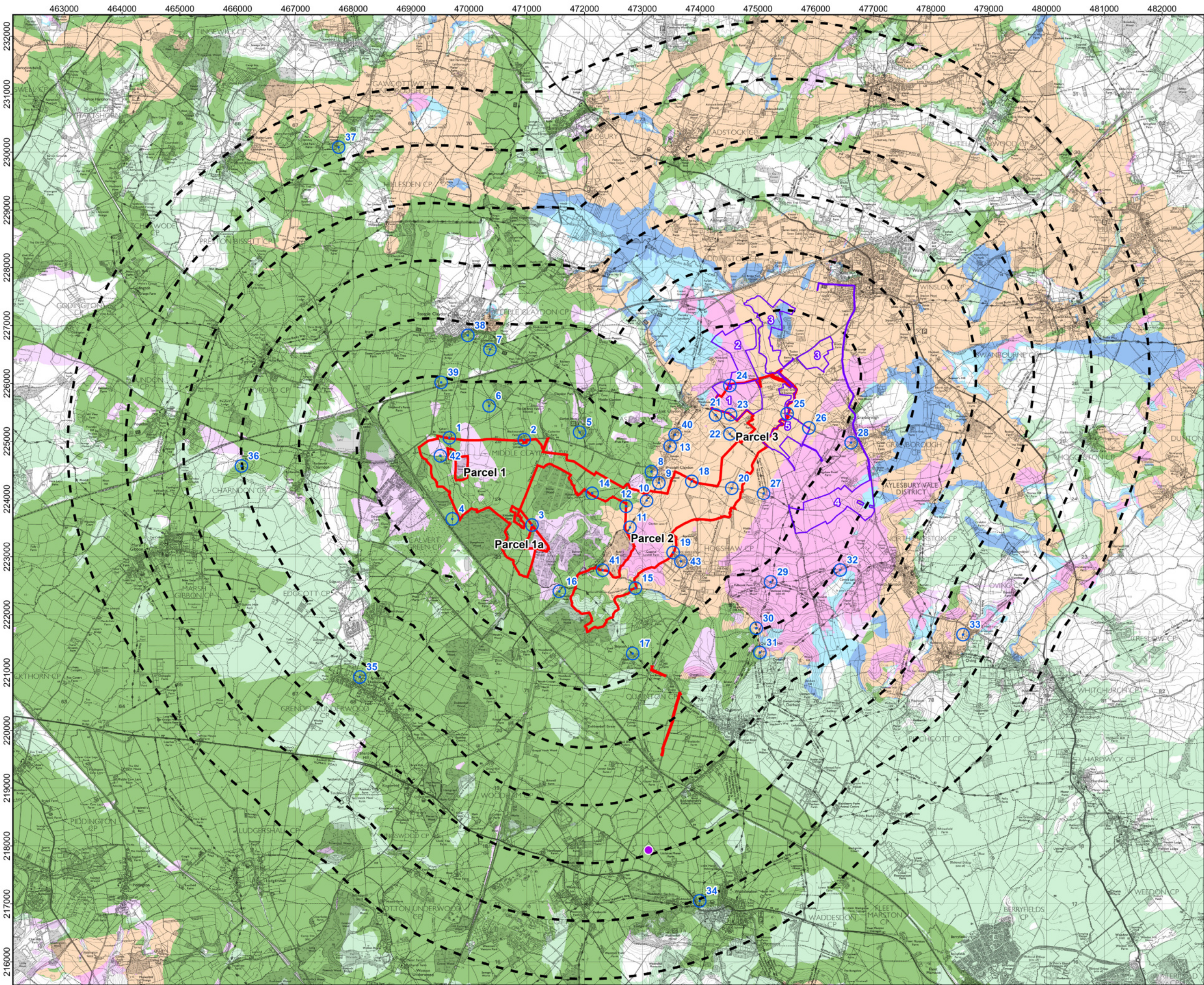
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VOLUME 3: FIGURES
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TITLE:
FIGURE 17.8b
CUMULATIVE ZTV - LITTLETON MANOR FARM -
SCREENING

PINS REFERENCE NUMBER:
EN010158/APP/6.3

Scale: 1:61,000 @ A3

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LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Cumulative Sites - Boundaries
- 1 National Grid East Claydon Substation Extension
- 2 East Claydon Greener Grid Park
- 3 Tuckey Solar Farm
- 4 Longbreach Solar Farm
- 5 East Claydon BESS
- Littleton Manor Farm Wind Turbine

Zone of Theoretical Visibility

Any cumulative site (excluding Littleton Manor Farm wind turbine) may be visible



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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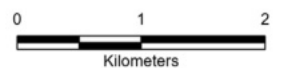
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ENVIRONMENTAL STATEMENT
VOLUME 3: FIGURES
REGULATION 5(2)(a)

TITLE:
FIGURE 17.9a
CUMULATIVE ZTV - ALL CUMULATIVE SITES -
BARE EARTH

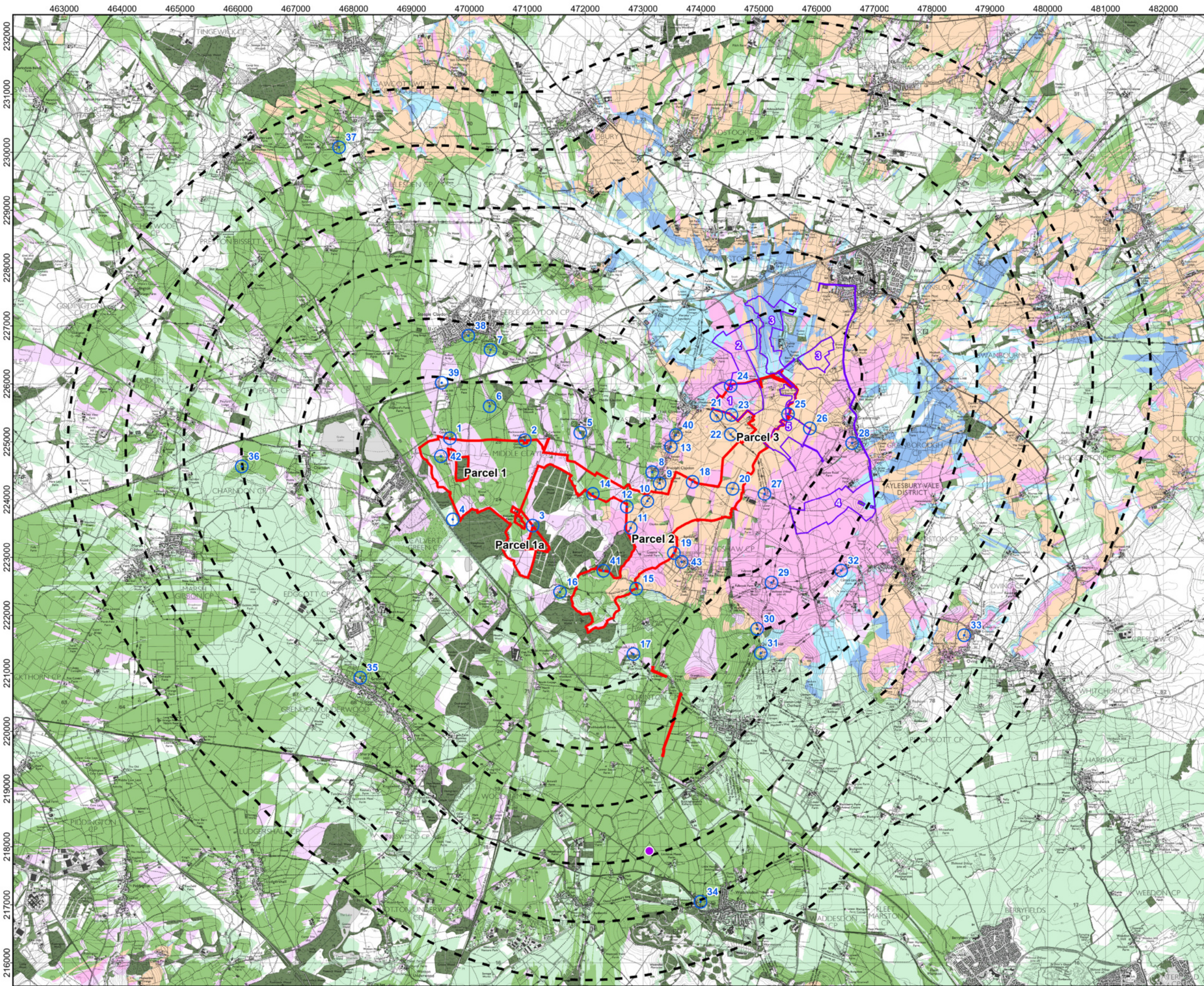
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Scale: 1:61,000 @ A3



REV 01

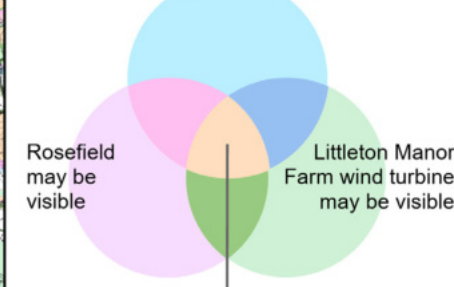


LEGEND:

- Order Limits
- Distance Radii from All Proposed Built Development (1.6km)
- Viewpoints
- Woodland (modelled at 10m)
- Buildings (modelled at 6m)
- Cumulative Sites - Boundaries
- 1 National Grid East Claydon Substation Extension
- 2 East Claydon Greener Grid Park
- 3 Tuckey Solar Farm
- 4 Longbreach Solar Farm
- 5 East Claydon BESS
- Littleton Manor Farm Wind Turbine

Zone of Theoretical Visibility

Any cumulative site (excluding Littleton Manor Farm wind turbine) may be visible



Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
01	SEPT 2025	DCO SUBMISSION	MP	DL	JL
00	APR 2025	First Draft	MP	DL	JL

Rosefield Solar Farm



DOCUMENT:
ENVIRONMENTAL STATEMENT
VOLUME 3: FIGURES
REGULATION 5(2)(a)

TITLE:
FIGURE 17.9b
CUMULATIVE ZTV - ALL CUMULATIVE SITES -
SCREENING

PINS REFERENCE NUMBER:
EN010158/APP/6.3

