

# Rosefield Solar Farm

## Environmental Statement

Voume 3  
Chapter 10: Landscape and Visual Figures

APFP Regulation 5(2)(a)  
Planning Act 2008  
Infrastructure Planning  
(Applications: Prescribed Forms  
and Procedure) Regulations 2009  
EN010158/APP/6.3.2  
January 2026  
Rosefield Energyfarm Limited



## ES Volume 3: Figures

### Chapter 10: Landscape and Visual

Drawing number	Revision number	Drawing title	Scale	Reason for Revision
<b>10.1</b>	01	Landscape Study Area, Context and Designations	1:60,000 @ A3	No change
<b>10.2</b>	01	Topography and Land Cover	1:60,000 @ A3	No change
<b>10.3</b>	01	National Character Areas	1:60,000 @ A3	No change
<b>10.4</b>	01	District Landscape Character Types and Areas	1:65,000 @ A3	No change
<b>10.5a</b>	01	Visual Receptors Within 2km – Overview	1:40,000 @ A3	No change
<b>10.5b</b>	01	Visual Receptors Within 2km – Parcel 1	1:23,000 @ A3	No change
<b>10.5c</b>	01	Visual Receptors Within 2km – Parcel 2	1:23,000 @ A3	No change
<b>10.5d</b>	01	Visual Receptors Within 2km – Parcel 3	1:23,000 @ A3	No change
<b>10.6</b>	01	Viewpoint Locations	1:50,000 @ A3	No change
<b>10.7a</b>	01	ZTV of Solar PV Modules Combined Parcels – Bare Earth	1:60,000 @ A3	No change
<b>10.7b</b>	01	ZTV of Solar PV Modules Parcel 1 – Bare Earth	1:50,000 @ A3	No change
<b>10.7c</b>	01	ZTV of Solar PV Modules Parcel 2– Bare Earth	1:55,000 @ A3	No change

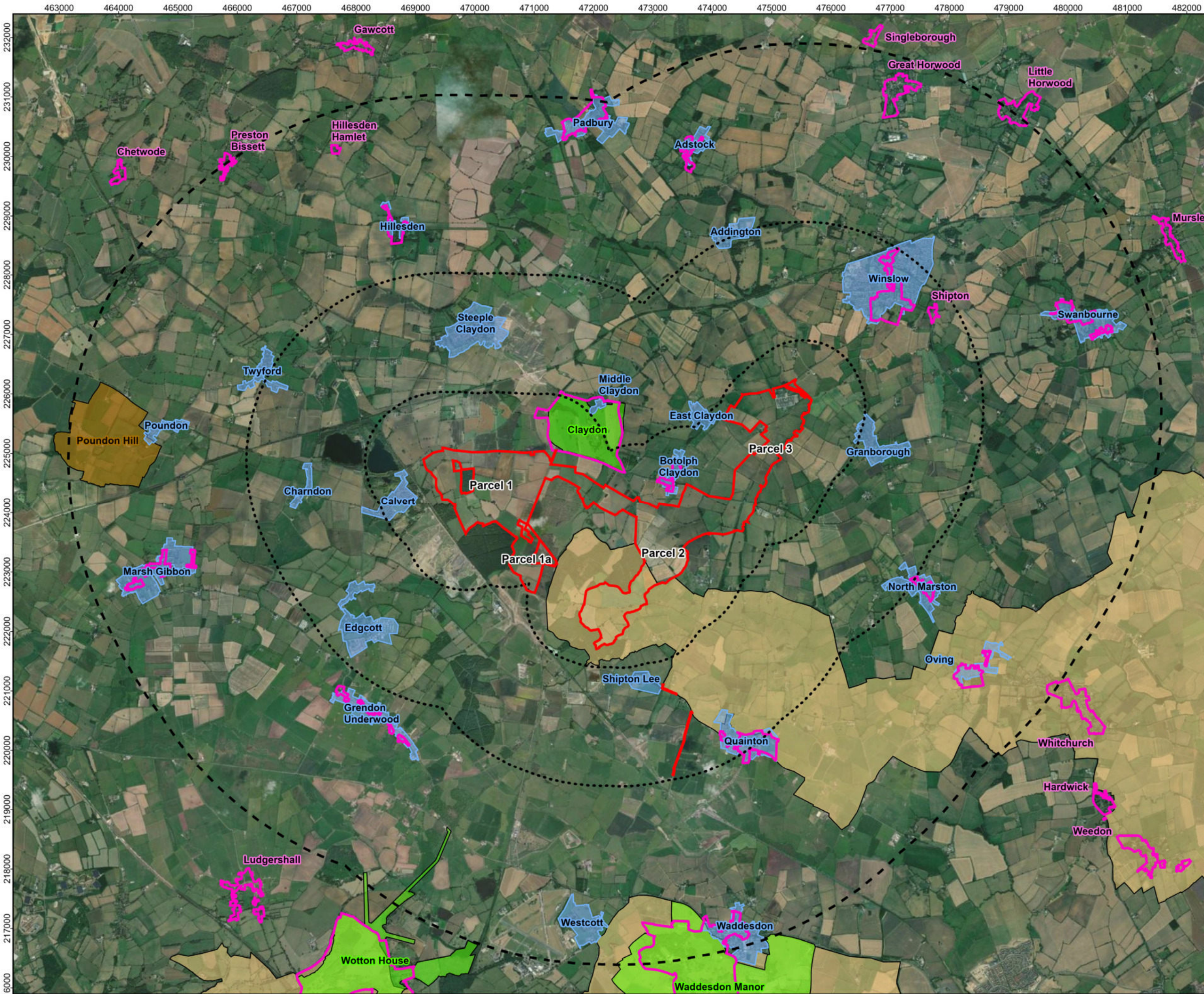


<b>10.7d</b>	01	ZTV of Solar PV Modules Parcel 3 – Bare Earth	1:50,000 @ A3	No change
<b>10.8a</b>	01	ZTV of Solar PV Modules Combined Parcels – Standard Screening	1:60,000 @ A3	No change
<b>10.8b</b>	01	ZTV of Solar PV Modules Parcel 1 – Standard Screening	1:50,000 @ A3	No change
<b>10.8c</b>	01	ZTV of Solar PV Modules Parcel 2 – Standard Screening	1:55,000 @ A3	No change
<b>10.8d</b>	01	ZTV of Solar PV Modules Parcel 3 – Standard Screening	1:50,000 @ A3	No change
<b>10.9a</b>	01	ZTV of Solar PV Modules Combined Parcels – Detailed Screening	1:62,204 @ A3	No change
<b>10.9b</b>	01	Solar PV Modules Parcel 1 – Detailed Screening	1:50,000 @ A3	No change
<b>10.9c</b>	01	Solar PV Modules Parcel 2 – Detailed Screening	1:55,000 @ A3	No change
<b>10.9d</b>	01	Solar PV Modules Parcel 3 – Detailed Screening	1:50,000 @ A3	No change
<b>10.10a</b>	01	ZTV of Siting Zone for Structures up to 6m Parcel 1 – Bare Earth	1:50,000 @ A3	No change
<b>10.10b</b>	01	ZTV of Siting Zone for Structures up to 6m Parcel 1 – Standard Screening	1:50,000 @ A3	No change
<b>10.11a</b>	01	ZTV of Siting Zone for Structures up to 6m Parcel 2 – Bare Earth	1:50,000 @ A3	No change

<b>10.11b</b>	01	ZTV of Siting Zone for Structures up to 6m Parcel 2 – Standard Screening	1:50,000 @ A3	No change
<b>10.12a</b>	01	ZTV of Siting Zone for Structures up to 15m and 6m Parcel 3 – Bare Earth	1:50,000 @ A3	No change
<b>10.12b</b>	01	ZTV of Siting Zone for Structures up to 15m and 6m Parcel 3 – Standard Screening	1:50,000 @ A3	No change
<b>10.13</b>	02	Residential Property Location Plan	1:25,000 @ A3	Legend updated in regards to the siting zone for development up to 6m.
<b>10.14</b>	01	RVAA Property Plan – 1-2 Calvert Cottages, Steeple Claydon	1:1,500 @ A3	No change
<b>10.15</b>	01	RVAA Property Plan – 3 Calvert Cottages, Steeple Claydon	1:1,500 @ A3	No change
<b>10.16</b>	01	RVAA Property Plan – 4-5 Calvert Cottages, Steeple Claydon	1:1,500 @ A3	No change
<b>10.17</b>	01	RVAA Property Plan – Granary Cottage, Steeple Claydon	1:1,500 @ A3	No change
<b>10.18</b>	01	RVAA Property Plan – Pond Farm, Steeple Claydon	1:1,500 @ A3	No change
<b>10.19</b>	01	RVAA Property Plan – The Old Dairy, Steeple Claydon	1:1,500 @ A3	No change
<b>10.20</b>	01	RVAA Property Plan – Knowlhill Cottage, Steeple Claydon	1:1,500 @ A3	No change
<b>10.21</b>	01	RVAA Property Plan – 1-2 Blackmorehill Cottages, Middle Claydon	1:1,500 @ A3	No change

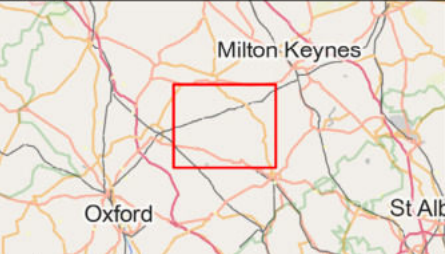
<b>10.22</b>	01	RVAA Property Plan – 4-5 Catherine Cottages, Middle Claydon	1:1,500 @ A3	No change
<b>10.23</b>	01	RVAA Property Plan – 6-7 Catherine Cottages, Middle Claydon	1:1,500 @ A3	No change
<b>10.24</b>	01	RVAA Property Plan – Bernwood Farm, Botolph Claydon	1:1,500 @ A3	No change
<b>10.25</b>	01	RVAA Property Plan – Sion Hill Farm, Off Church Way	1:1,500 @ A3	No change
<b>10.26</b>	01	RVAA Property Plan – Station House, East Claydon Road	1:3,000 @ A3	No change





- LEGEND:**
- Order Limits
  - 6km LVIA Study Area
  - Distance Radii from All Proposed Built Development (1km and 3km)
  - Settlements
  - Registered Parks and Gardens
  - Conservation Areas
  - Aylesbury Vale Areas of Attractive Landscape
  - Aylesbury Vale Local Landscape Area - Poundon Hill

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



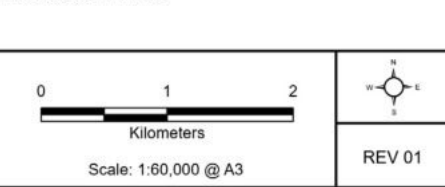
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01	SEPT 2025	DCO SUBMISSION	MP	DL	JL
00	APR 2025	First Draft	MP	DL	JL

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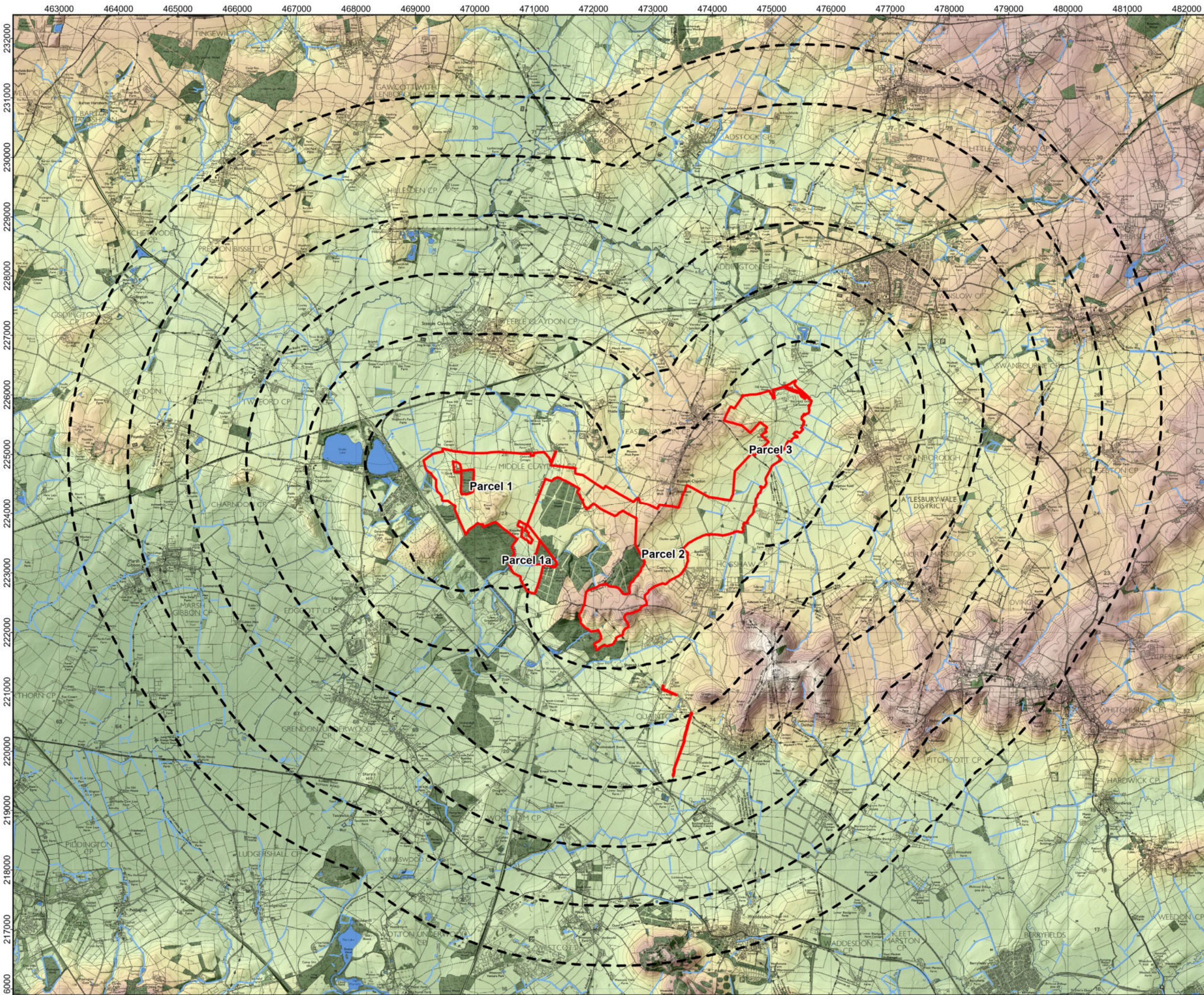
DOCUMENT:  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)

TITLE:  
FIGURE 10.1  
LANDSCAPE STUDY AREA, CONTEXT AND  
DESIGNATIONS

PINS REFERENCE NUMBER:  
EN010158/APP/6.3







**LEGEND:**

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)
- Watercourse/Waterbody
- Woodland

Elevation (AOD)

<200m  
>55m

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



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

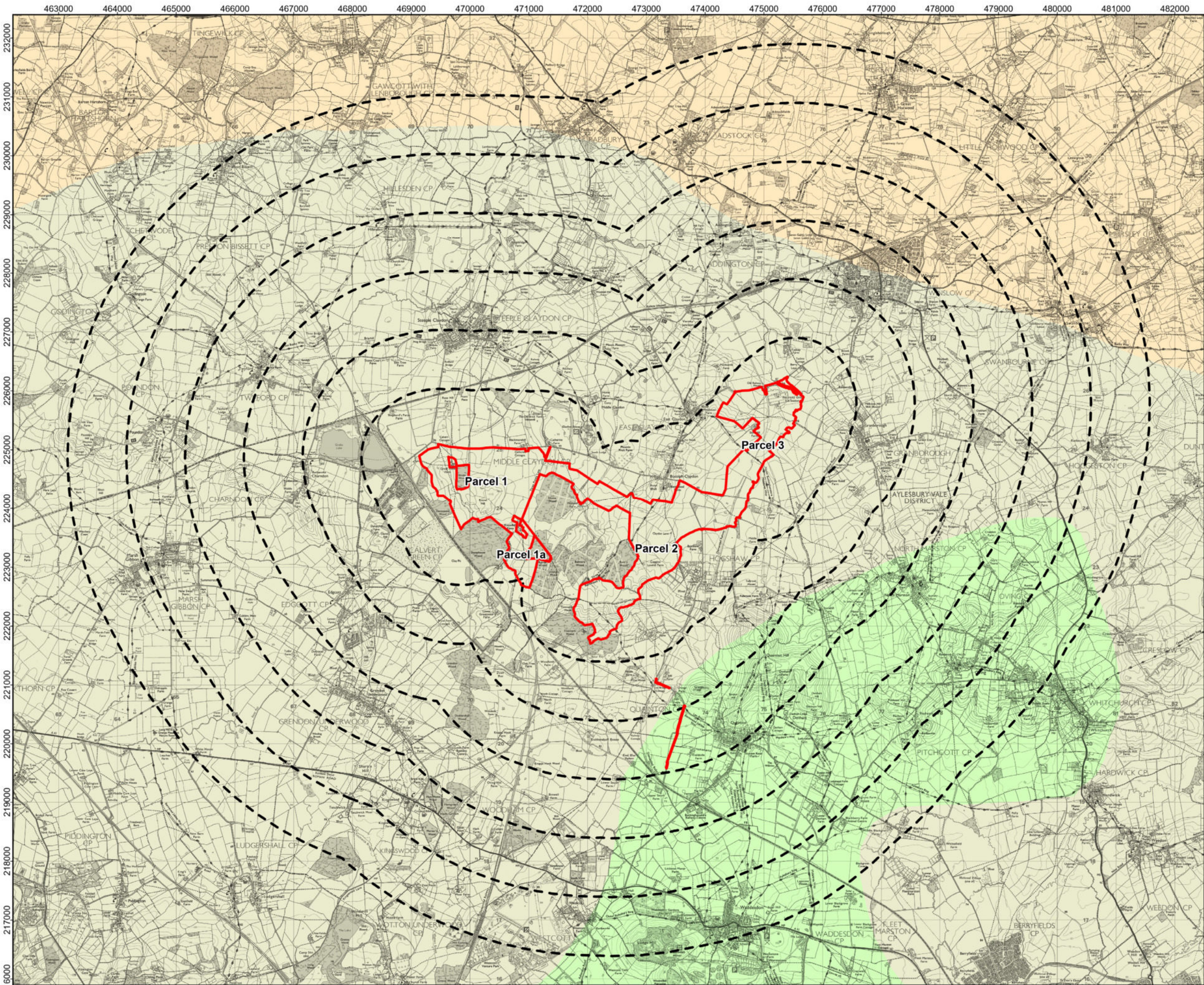
TITLE:  
FIGURE 10.2  
TOPOGRAPHY AND LANDCOVER

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

Scale: 1:60,000 @ A3

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**LEGEND:**

- Order Limits
- Distance Radii from All Proposed Built Development (1-6km)

National Character Areas

- 108: Upper Thames Clay Vales
- 109: Midvale Ridge
- 88: Bedfordshire and Cambridgeshire Claylands

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



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REGULATION 5(2)(a)

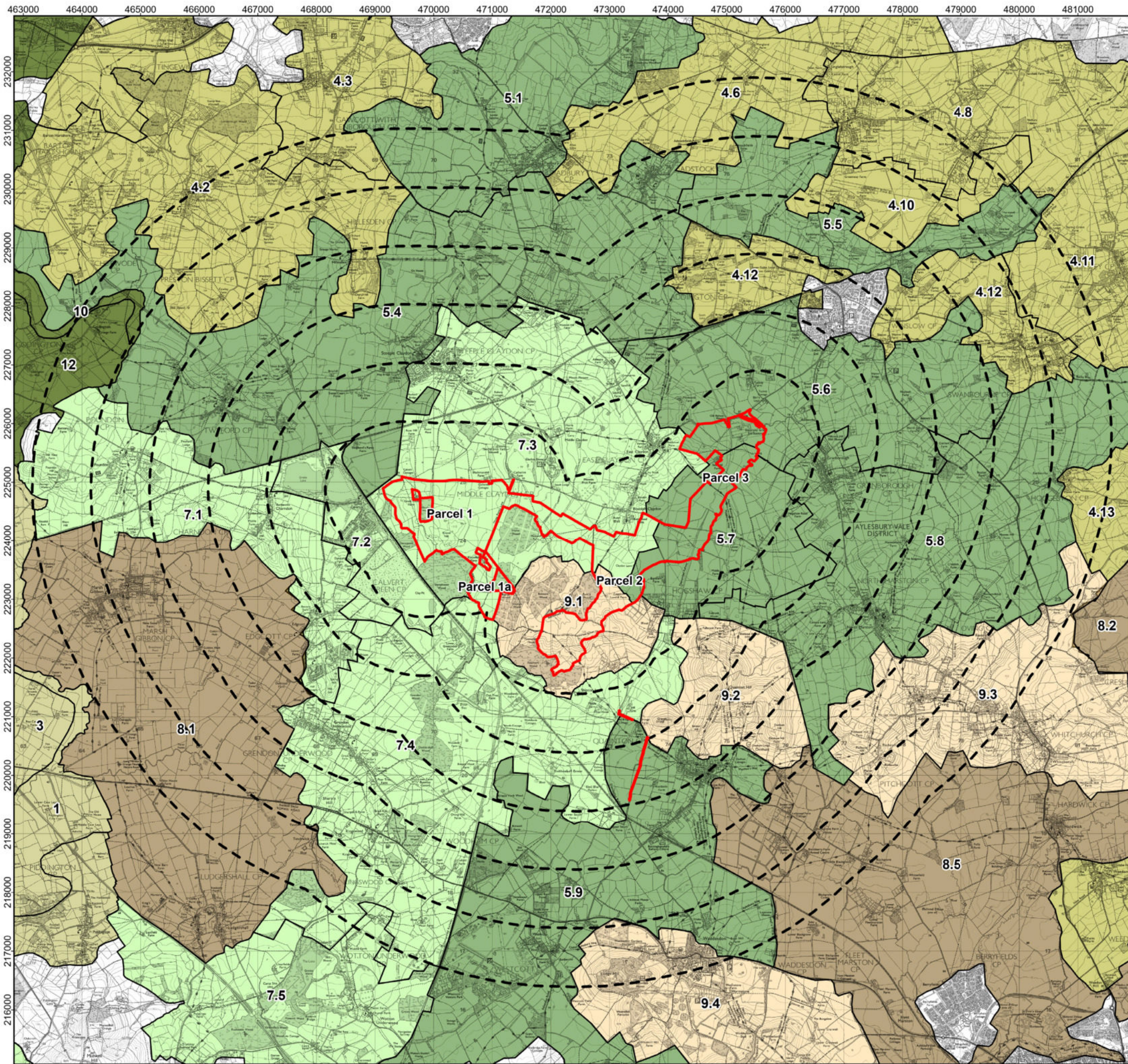
TITLE:  
FIGURE 10.3  
NATIONAL CHARACTER AREAS

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

Scale: 1:60,000 @ A3

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LEGEND:

- Order Limits

Distance Radii from All Proposed Built Development (1-6km)
4. Undulating Clay Plateau

4.2 Preston Bissett Plateau Edge

4.3 Gawcott Ridge

4.6 A421 Ridge

4.8 Horwood Claylands

4.10 Greenway Open Farmland

4.11 Soulbury Claylands

4.12 Winslow Ridge

4.13 Wing Plateau

5. Shallow Valleys

5.1 Padbury Valley

5.4 Twyford Vale

5.5 Claydon Tributary

5.6 Claydon Valley

5.7 Hogshaw Claylands

5.8 North Marston Undulating Claylands

5.9 Westcott Claylands

7. Wooded Rolling Lowlands

7.1 Charndon Settled Hills

7.2 Calvert Clay Pits

7.3 Claydon Bowl

7.4 Kingswood Wooded Farmland

7.5 Bernwood Forest

8. Vale

8.1 Marsh Gibbon Vale

8.2 Kingsbridge Valley

8.5 Northern Vale

9. Low Hills and Ridges

9.1 Finemere Hill

9.2 Quainton Hill

9.3 Pitchcott Whitchurch Ridge

Oxfordshire Landscape Character Areas

Upper Thames Vale

1 Alluvial Lowland

3 Clay Vale

Northamptonshire Vales

10 River Meadowlands

12 Rolling Farmland

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

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TITLE:  
FIGURE 10.4  
DISTRICT LANDSCAPE CHARACTER TYPES AND AREAS

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

012

Kilometers

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E

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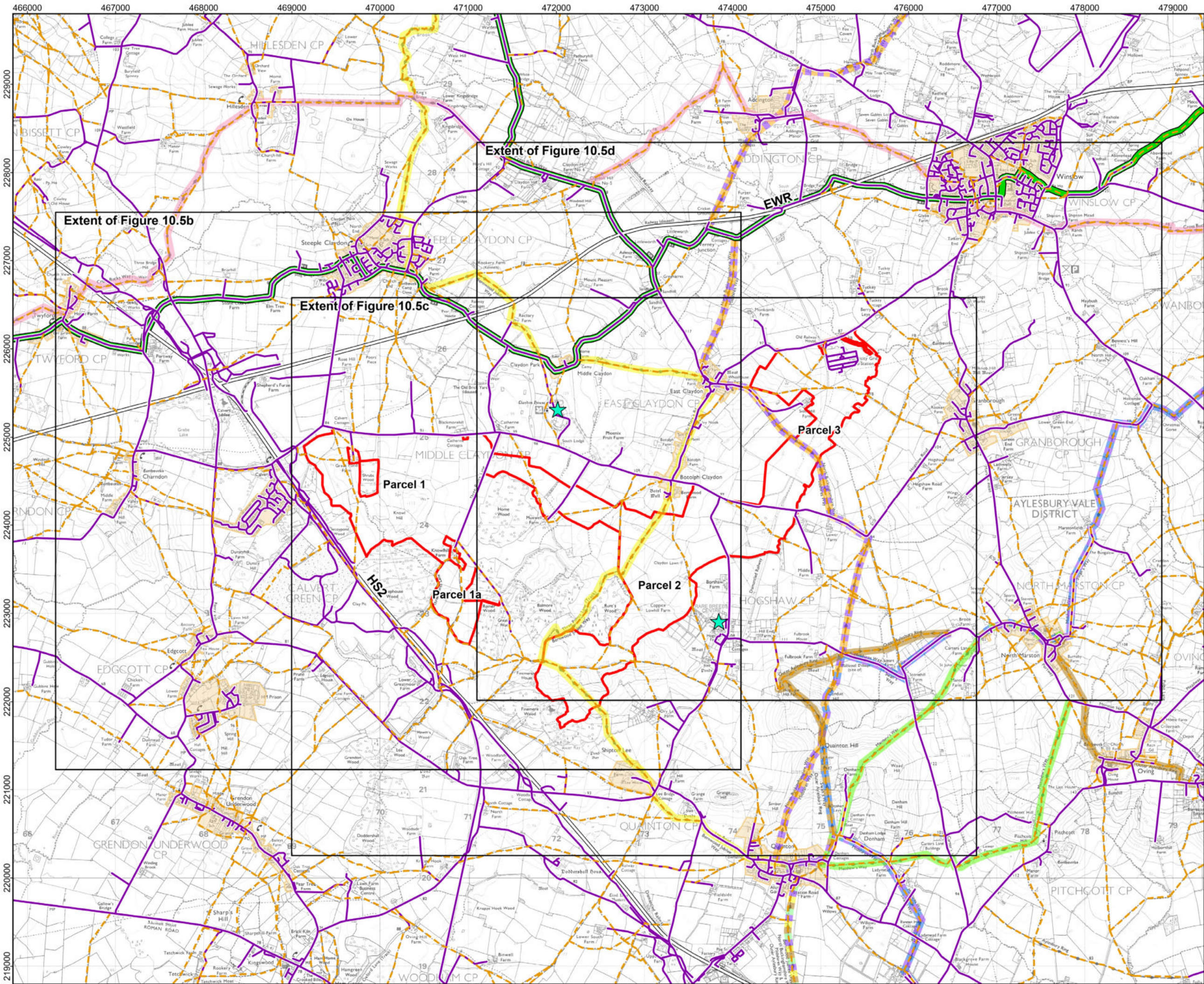
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National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp., Map data © OpenStreetMap contributors, Microsoft, Facebook, Google, Esri Community Maps contributors, Map layer by Esri

Path: C:\Users\mo.pamplin\RSK Group\SH Projects 500s - 0552 - Custodian Solar DCO\05 Working Files\03 GIS\663899 apr\Fig 10.4 District Landscape Character





- LEGEND:**
- Order Limits
  - Public Right of Way
  - National Cycle Network Routes 50 and 51
  - Roads
  - Settlements
  - Bernwood Jubilee Way
  - Cross Bucks Way
  - Matthew's Way
  - Outer Aylesbury Ring
  - Midshires Way
  - North Buckinghamshire Way
  - Swan's Way
  - Rail Routes
  - Recreational Receptors
  - Extent of Detail Sheets

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



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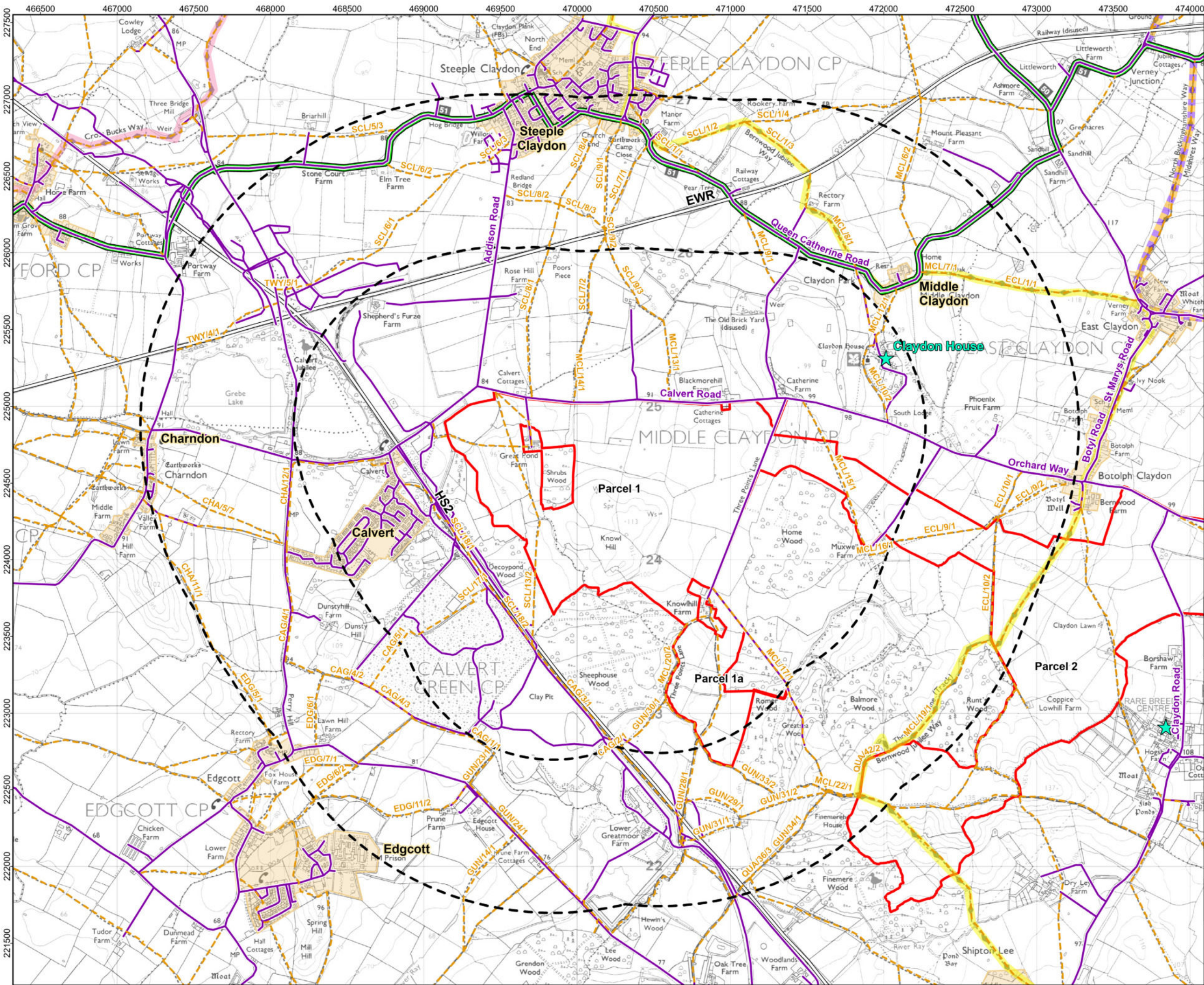
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FIGURE 10.5a  
VISUAL RECEPTORS WITHIN 2KM - OVERVIEW

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

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km  
Scale: 1:40,000 @ A3

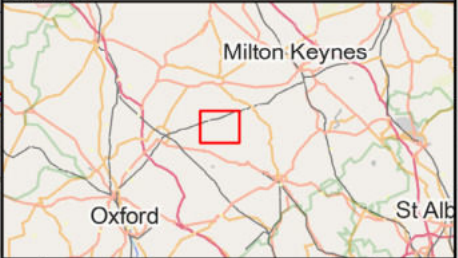
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- LEGEND:**
- Order Limits
  - Distance Radii from All
  - Proposed Built Development (1 and 2km)
  - Public Right of Way
  - National Cycle Network Routes 50 and 51
  - Roads
  - Settlements
  - Bernwood Jubilee Way
  - Cross Bucks Way
  - Midshires Way
  - North Buckinghamshire Way
  - Swan's Way
  - Rail Routes
  - Recreational Receptors

Coordinate System: British National Grid  
Projection: Transverse Mercator  
Datum: OSGB 1936  
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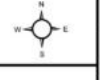
DOCUMENT:  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)

TITLE:  
FIGURE 10.5b  
VISUAL RECEPTORS WITHIN 2KM - PARCEL 1

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

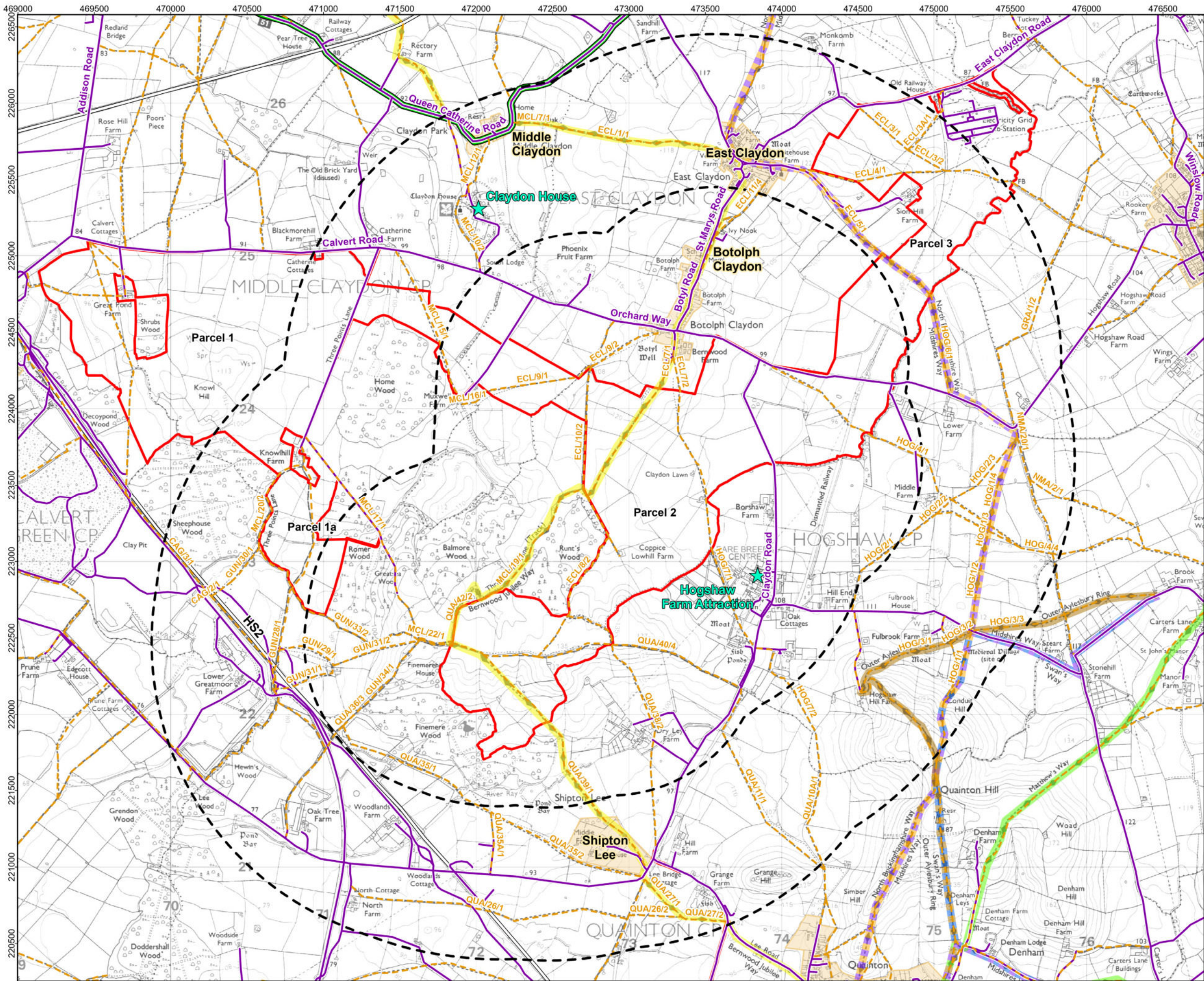


Scale: 1:23,000 @ A3



REV 01





- LEGEND:**
- Order Limits
  - Distance Radii from All Proposed Built Development (1 and 2km)
  - Public Right of Way
  - National Cycle Network Routes 50 and 51
  - Roads
  - Settlements
  - Bernwood Jubilee Way
  - Matthew's Way
  - Outer Aylesbury Ring
  - Midshires Way
  - North Buckinghamshire Way
  - Swan's Way
  - Rail Routes
  - Recreational Receptors

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



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

TITLE:  
FIGURE 10.5c  
VISUAL RECEPTORS WITHIN 2KM - PARCEL 2

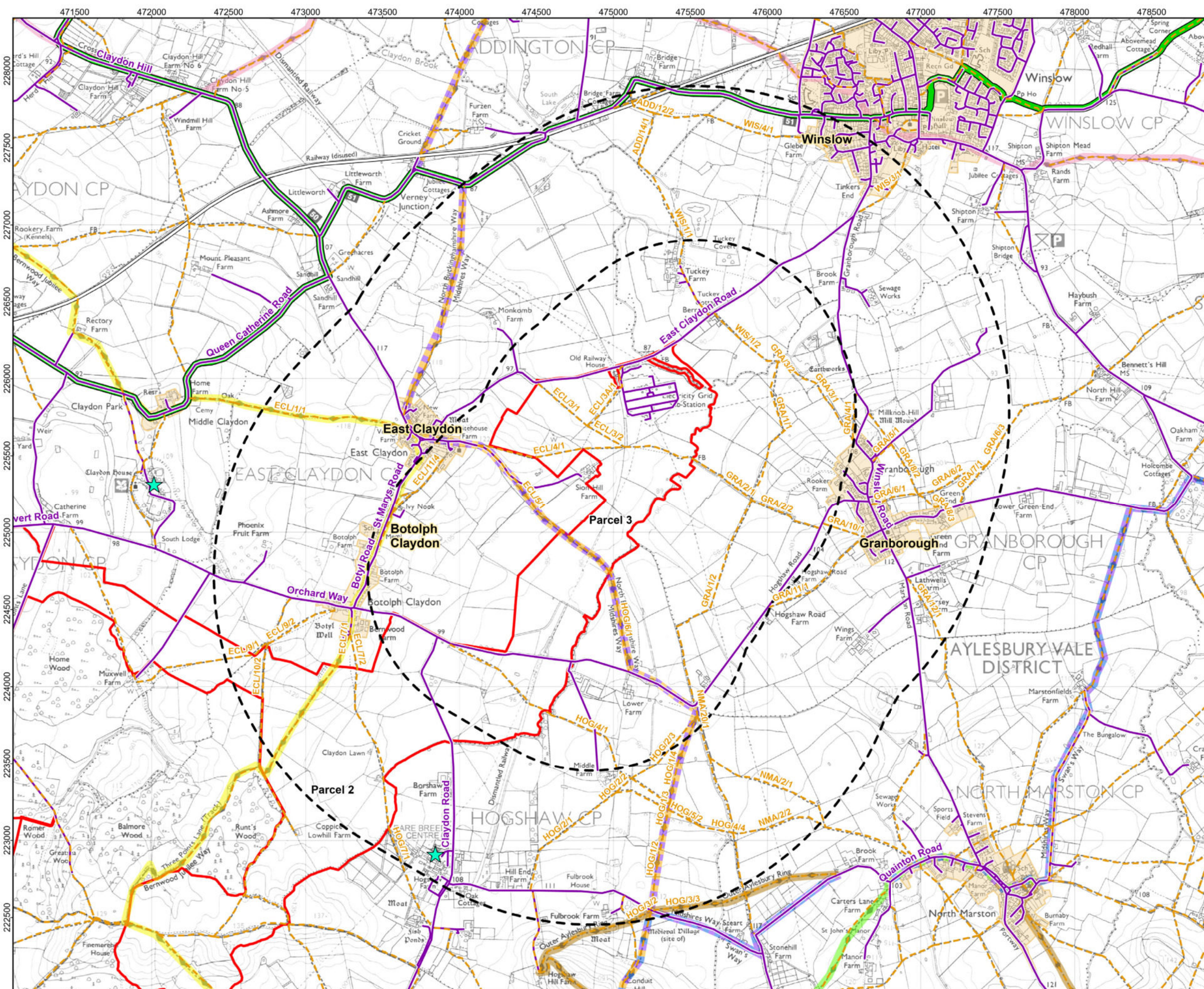
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REV 01

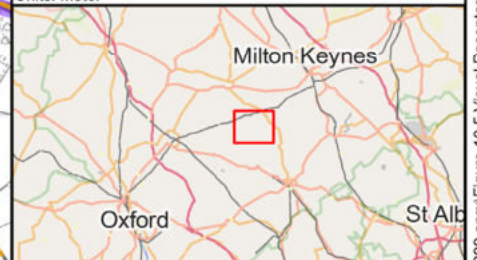




**LEGEND:**

- Order Limits
- Distance Radii from All Proposed Built Development (1 and 2km)
- Public Right of Way
- National Cycle Network Routes 50 and 51
- Roads
- Settlements
- Bernwood Jubilee Way
- Cross Bucks Way
- Matthew's Way
- Outer Aylesbury Ring
- Midshires Way
- North Buckinghamshire Way
- Swan's Way
- Rail Routes

Coordinate System: British National Grid  
Projection: Transverse Mercator  
Datum: OSGB 1936  
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TITLE:  
FIGURE 10.5d  
VISUAL RECEPTORS WITHIN 2KM - PARCEL 3

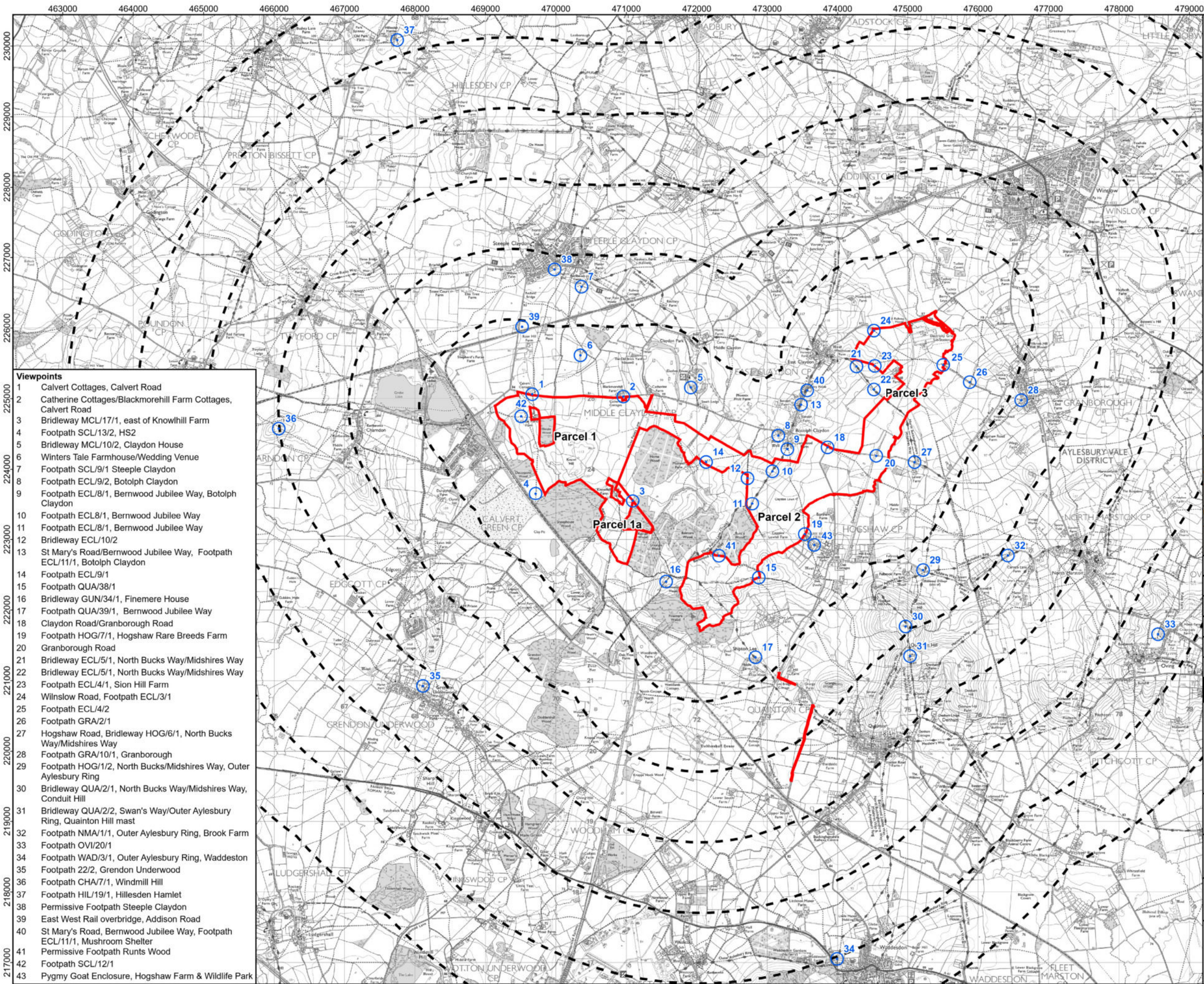
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EN010158/APP/6.3

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Scale: 1:23,000 @ A3

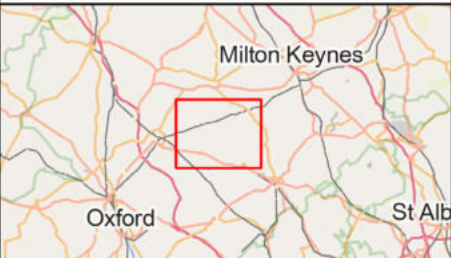
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- LEGEND:
- Order Limits
  - Distance Radii from All
  - Proposed Built Development (1-6km)
  - Viewpoints

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



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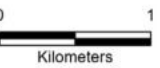
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DOCUMENT:  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)

TITLE:  
FIGURE 10.6  
VIEWPOINT LOCATIONS

PINS REFERENCE NUMBER:  
EN010158/APP/6.3



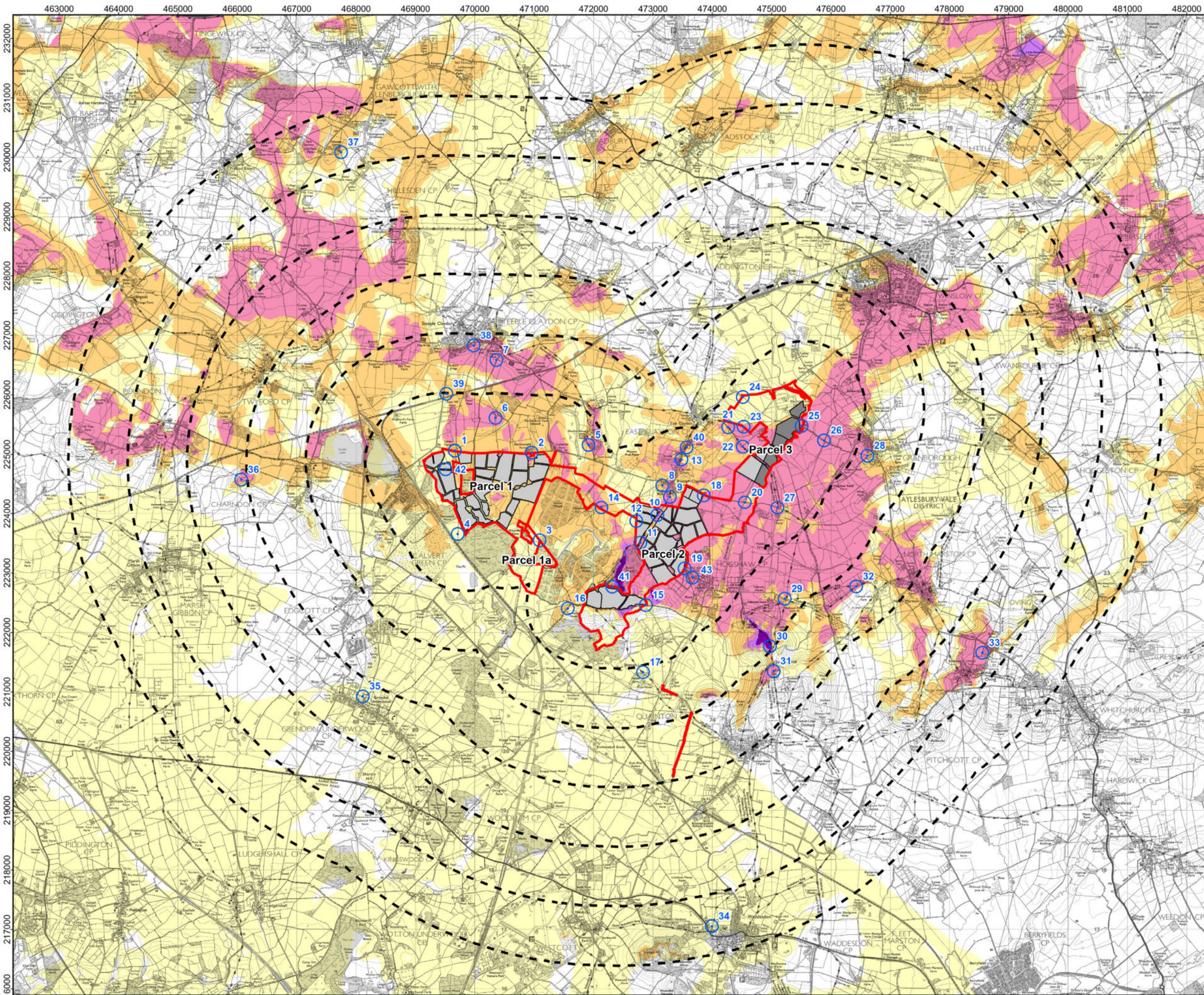
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- Viewpoints
- 1 Calvert Cottages, Calvert Road
  - 2 Catherine Cottages/Blackmorehill Farm Cottages, Calvert Road
  - 3 Bridleway MCL/17/1, east of Knowhill Farm
  - 4 Footpath SCL/13/2, HS2
  - 5 Bridleway MCL/10/2, Claydon House
  - 6 Winters Tale Farmhouse/Wedding Venue
  - 7 Footpath SCL/9/1 Steeple Claydon
  - 8 Footpath ECL/9/2, Botolph Claydon
  - 9 Footpath ECL/8/1, Bernwood Jubilee Way, Botolph Claydon
  - 10 Footpath ECL/8/1, Bernwood Jubilee Way
  - 11 Footpath ECL/8/1, Bernwood Jubilee Way
  - 12 Bridleway ECL/10/2
  - 13 St Mary's Road/Bernwood Jubilee Way, Footpath ECL/11/1, Botolph Claydon
  - 14 Footpath ECL/9/1
  - 15 Footpath QUA/38/1
  - 16 Bridleway GUN/34/1, Finemere House
  - 17 Footpath QUA/39/1, Bernwood Jubilee Way
  - 18 Claydon Road/Granborough Road
  - 19 Footpath HOG/7/1, Hogshaw Rare Breeds Farm
  - 20 Granborough Road
  - 21 Bridleway ECL/5/1, North Bucks Way/Midshires Way
  - 22 Bridleway ECL/5/1, North Bucks Way/Midshires Way
  - 23 Footpath ECL/4/1, Sion Hill Farm
  - 24 Wilnslow Road, Footpath ECL/3/1
  - 25 Footpath ECL/4/2
  - 26 Footpath GRA/2/1
  - 27 Hogshaw Road, Bridleway HOG/6/1, North Bucks Way/Midshires Way
  - 28 Footpath GRA/10/1, Granborough
  - 29 Footpath HOG/1/2, North Bucks/Midshires Way, Outer Aylesbury Ring
  - 30 Bridleway QUA/2/1, North Bucks Way/Midshires Way, Conduit Hill
  - 31 Bridleway QUA/2/2, Swan's Way/Outer Aylesbury Ring, Quainton Hill mast
  - 32 Footpath NMA/1/1, Outer Aylesbury Ring, Brook Farm
  - 33 Footpath OVI/20/1
  - 34 Footpath WAD/3/1, Outer Aylesbury Ring, Waddeston
  - 35 Footpath 22/2, Grendon Underwood
  - 36 Footpath CHA/7/1, Windmill Hill
  - 37 Footpath HIL/19/1, Hillesden Hamlet
  - 38 Permissive Footpath Steeple Claydon
  - 39 East West Rail overbridge, Addison Road
  - 40 St Mary's Road, Bernwood Jubilee Way, Footpath ECL/11/1, Mushroom Shelter
  - 41 Permissive Footpath Runts Wood
  - 42 Footpath SCL/12/1
  - 43 Pygmy Goat Enclosure, Hogshaw Farm & Wildlife Park





**LEGEND:**

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints

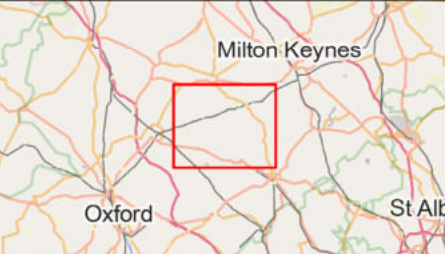
**Zone of Theoretical Visibility**

- Up to 20% of development visible
- Up to 40% of development visible
- Up to 60% of development visible
- Up to 80% of development visible
- Up to 100% of development visible

**Notes:**  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DTM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking topography into account. This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution. Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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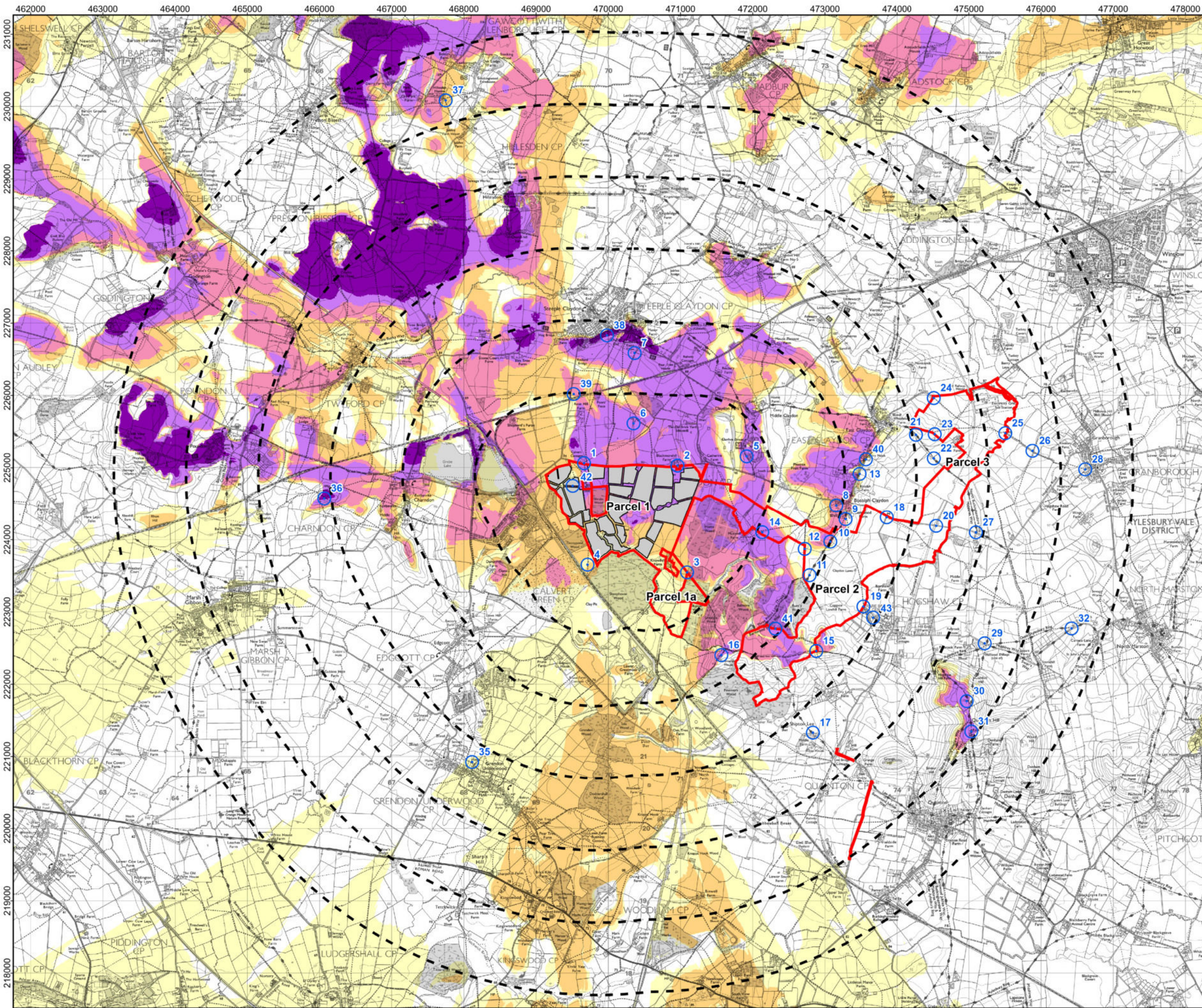
**TITLE:**  
FIGURE 10.7a  
ZTV OF SOLAR PV MODULES COMBINED  
PARCELS - BARE EARTH

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:60,000 @ A3

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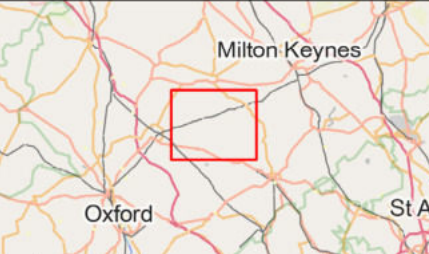
LEGEND:

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Zone of Theoretical Visibility
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

Notes:  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DTM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking topography into account.  
This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.  
The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution.  
Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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01	SEPT 2025	DCO SUBMISSION	MP	DL	JL
00	APR 2025	First Draft	MP	DL	JL

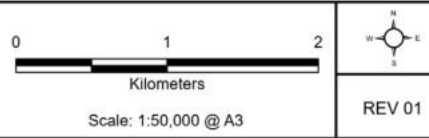
Rosefield Solar Farm



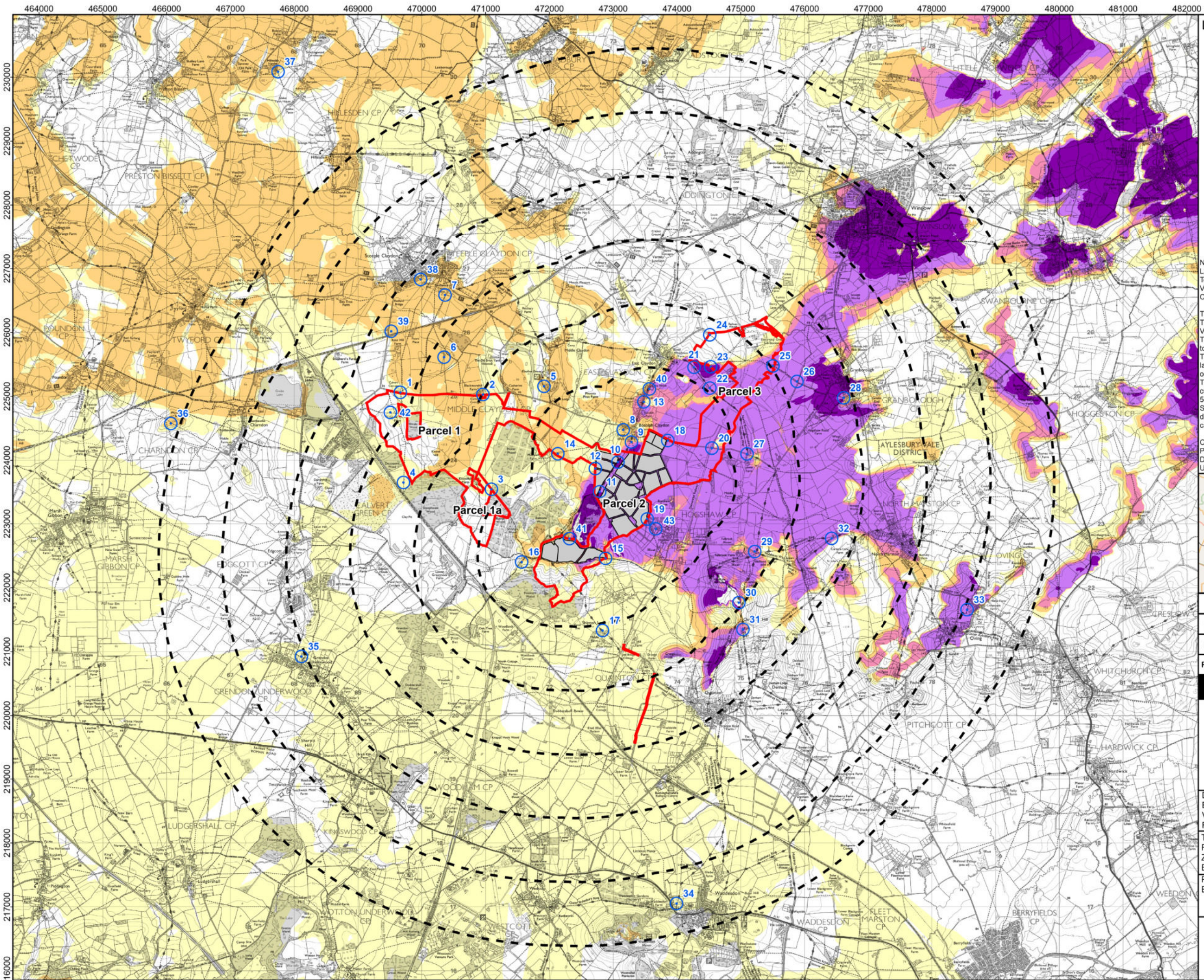
DOCUMENT:  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)

TITLE:  
FIGURE 10.7b  
ZTV OF SOLAR PV MODULES PARCEL 1 - BARE EARTH

PINS REFERENCE NUMBER:  
EN010158/APP/6.3







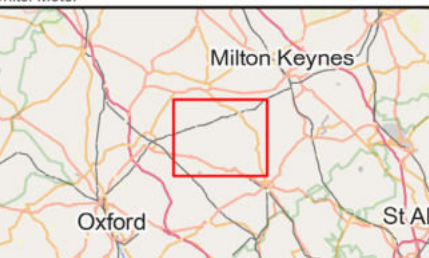
#### LEGEND:

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Zone of Theoretical Visibility
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

Notes:  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DTM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking topography into account. This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution. Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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01	SEPT 2025	DCO SUBMISSION	MP	DL	JL
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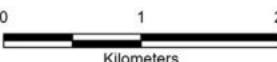
#### Rosefield Solar Farm



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

TITLE:  
FIGURE 10.7c  
ZTV OF SOLAR PV MODULES PARCEL 2 - BARE EARTH

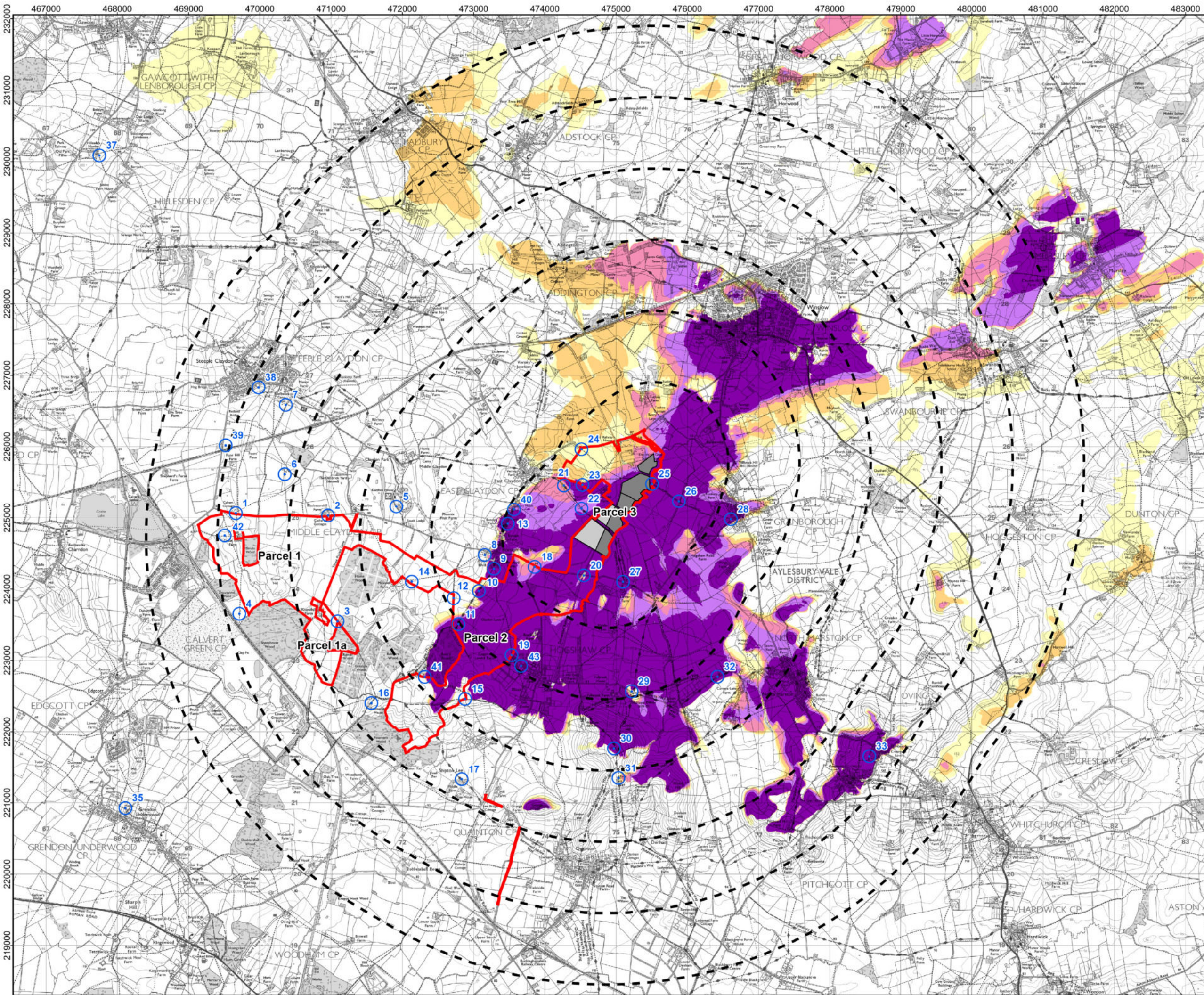
PINS REFERENCE NUMBER:  
EN010158/APP/6.3



Scale: 1:55,000 @ A3







**LEGEND:**

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Zone of Theoretical Visibility
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

**Notes:**  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DTM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking topography into account. This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution. Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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

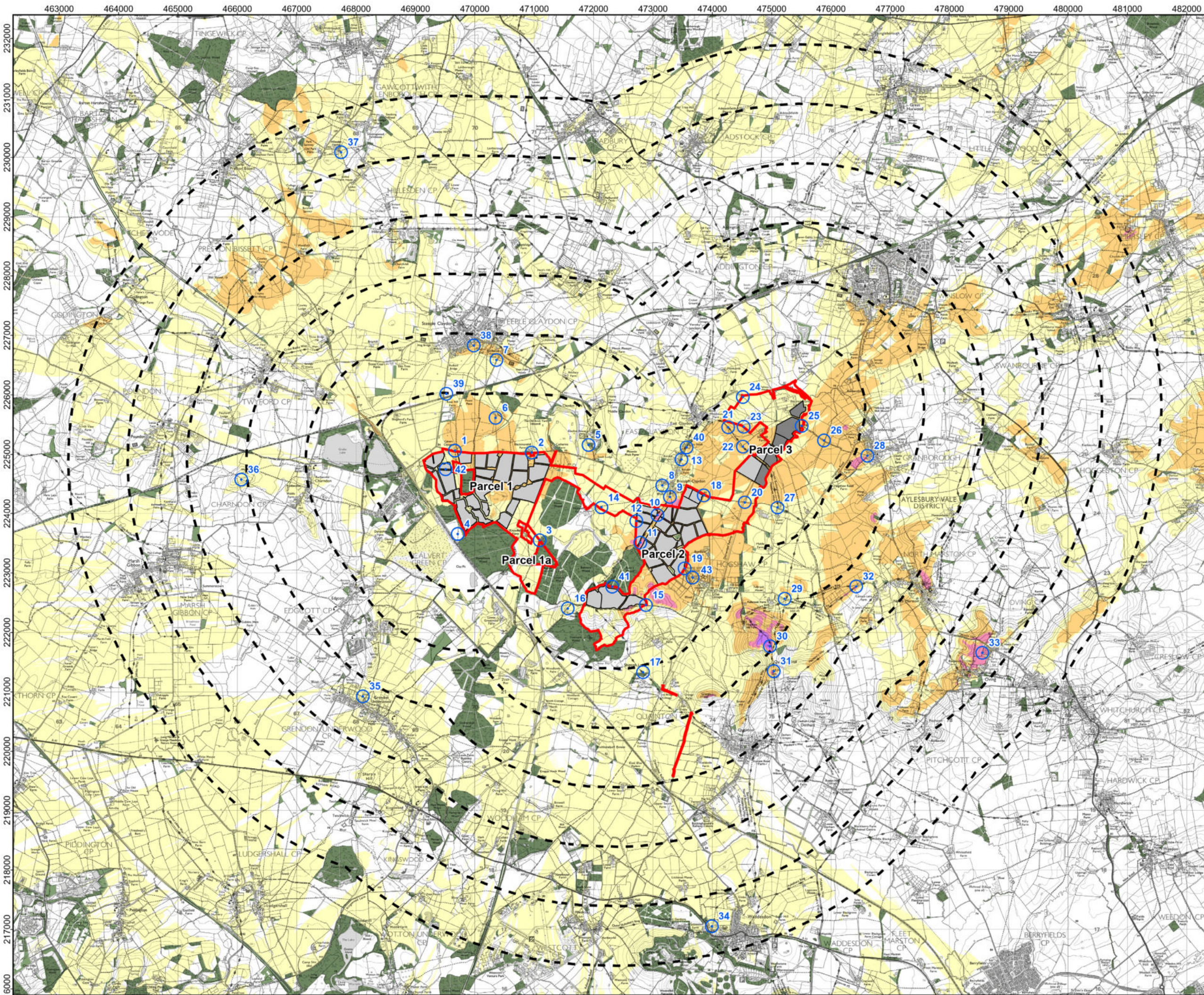
**TITLE:**  
FIGURE 10.7d  
ZTV OF SOLAR PV MODULES PARCEL 3 - BARE EARTH

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:50,000 @ A3

REV 01





**LEGEND:**

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland
- Zone of Theoretical Visibility**
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

**Notes:**  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DSM-10-6.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m  
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings. A digital surface model (DSM) has been derived from OS Terrain 5 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 6m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution.  
Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.  
Coordinate System: British National Grid  
Projection: Transverse Mercator  
Datum: OSGB 1936  
Units: Meter



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

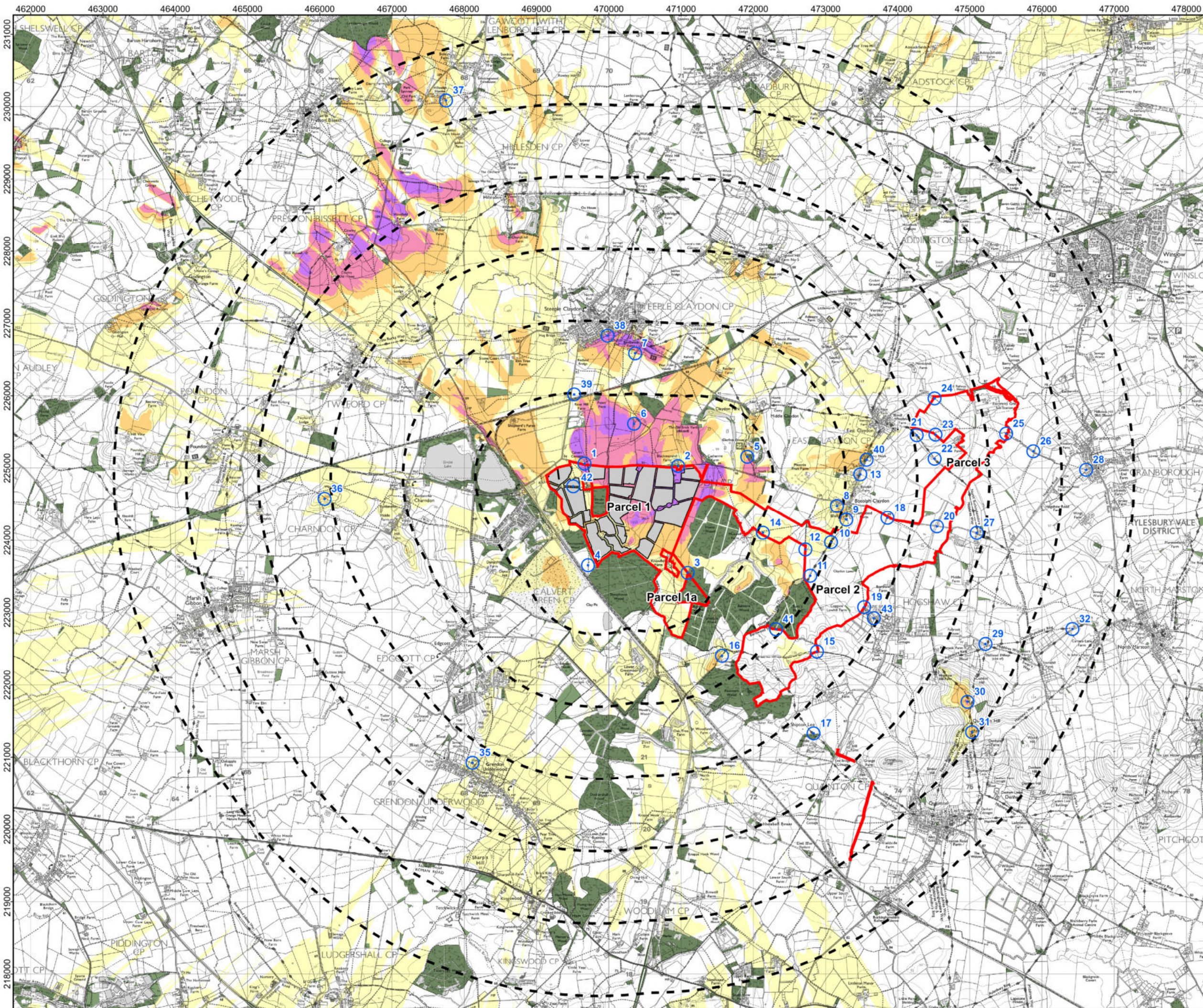
**TITLE:**  
FIGURE 10.8a  
ZTV OF SOLAR PV MODULES COMBINED  
PARCELS - STANDARD SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:60,000 @ A3

REV 01





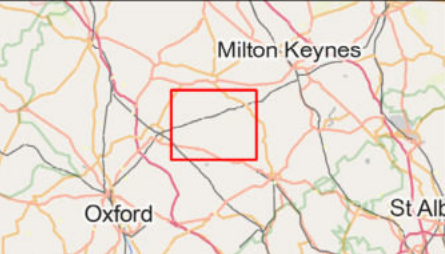
**LEGEND:**

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland
- Zone of Theoretical Visibility**
- Up to 20% of development visible
- Up to 40% of development visible
- Up to 60% of development visible
- Up to 80% of development visible

**Notes:**  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DSM-10-6.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings. A digital surface model (DSM) has been derived from OS Terrain 5 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 6m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution. Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



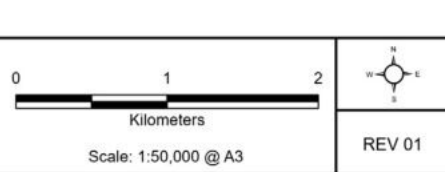
Rev	Date	Description	Drm	Chk	App
01	SEPT 2025	DCO SUBMISSION	MP	DL	JL
00	APR 2025	First Draft	MP	DL	JL

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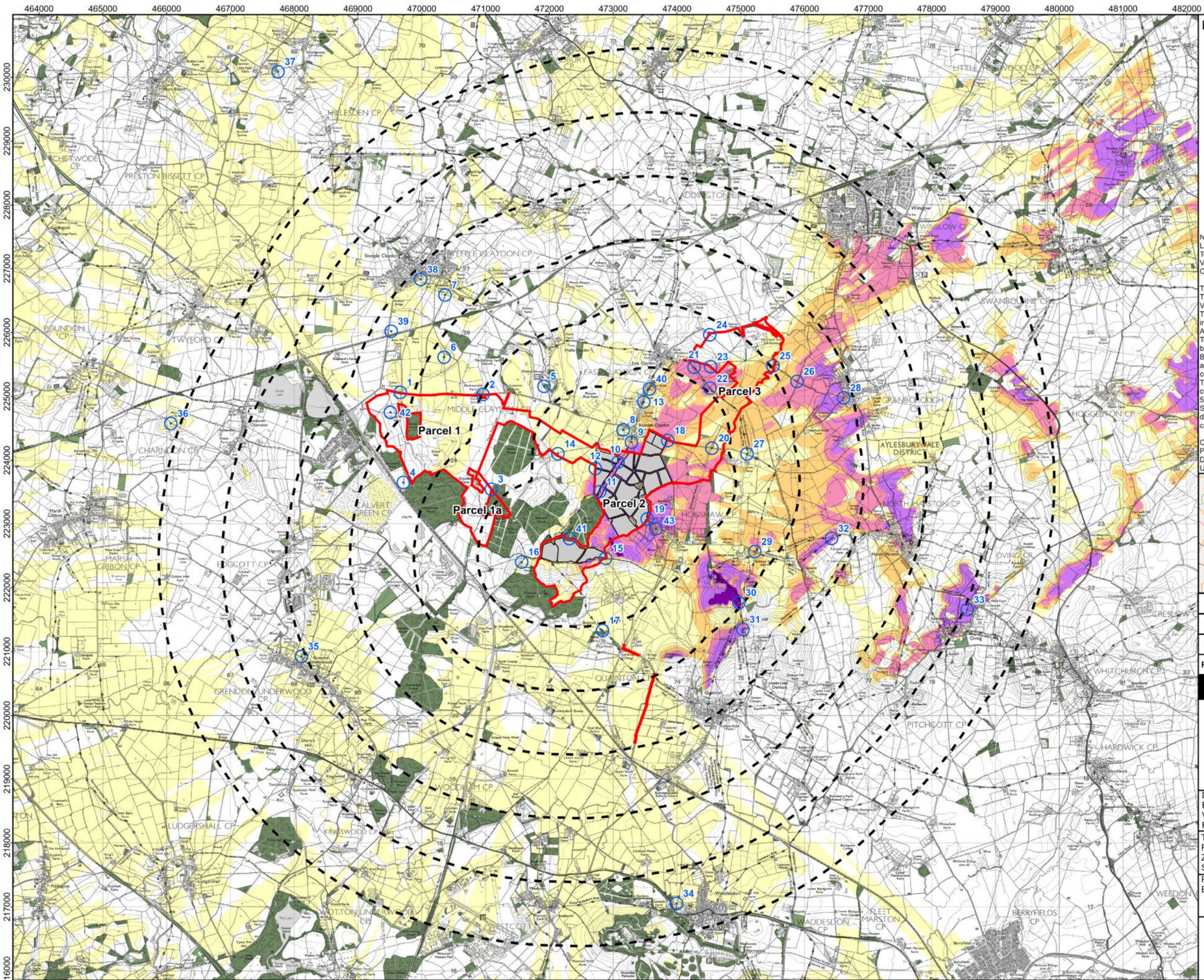
**DOCUMENT:**  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)

**TITLE:**  
FIGURE 10.8b  
ZTV OF SOLAR PV MODULES PARCEL 1 -  
STANDARD SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3







LEGEND:

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland
- Zone of Theoretical Visibility
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

Notes:  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DSM-10-6.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings. A digital surface model (DSM) has been derived from OS Terrain 5 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 6m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution. Solar PV modules are shown to the full extents of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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

TITLE:  
FIGURE 10.8c  
ZTV OF SOLAR PV MODULES PARCEL 2 -  
STANDARD SCREENING

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

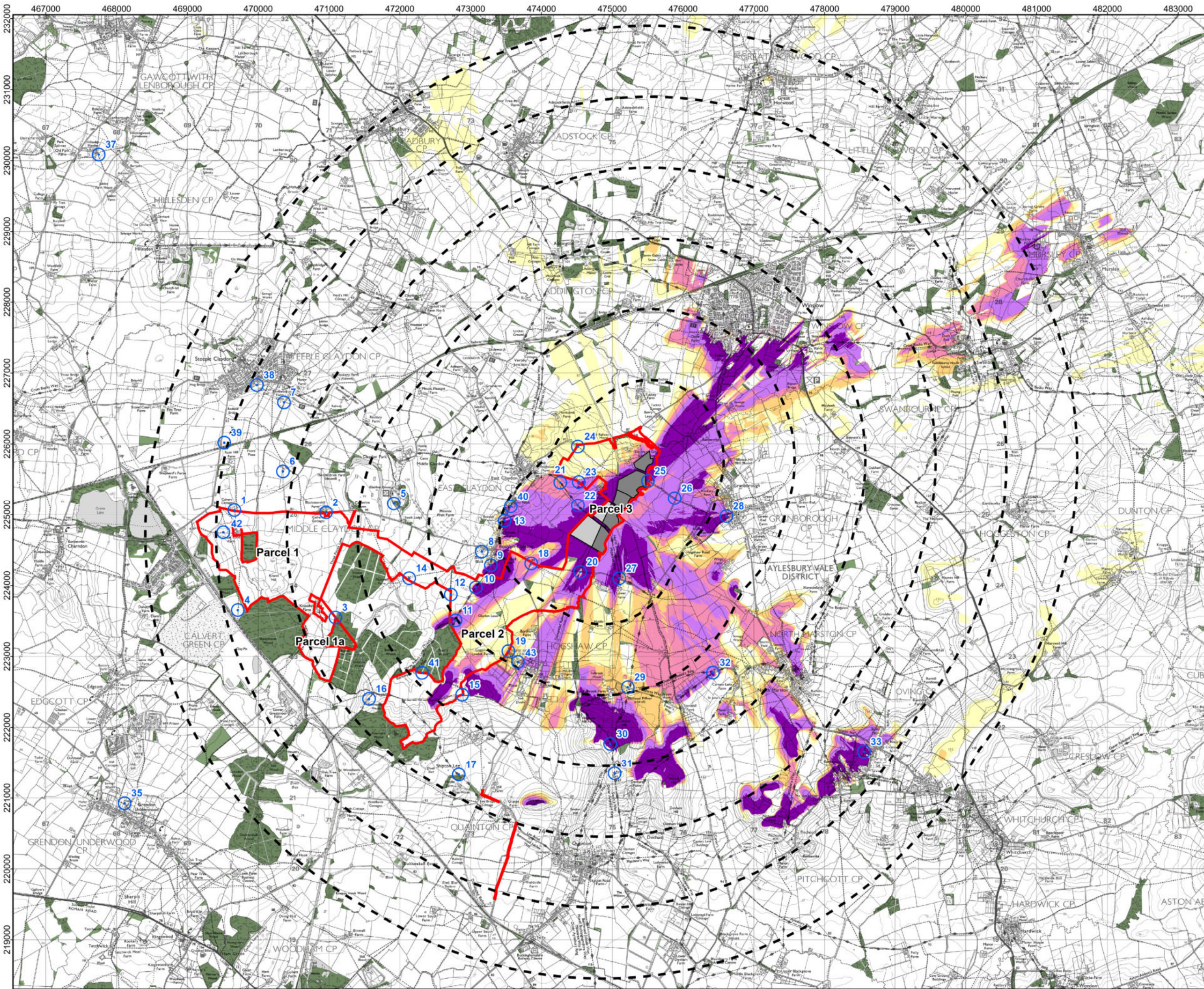


Scale: 1:55,000 @ A3



REV 01





**LEGEND:**

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland
- Zone of Theoretical Visibility
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

**Notes:**  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DSM-10-6.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m  
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings. A digital surface model (DSM) has been derived from OS Terrain 5 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 6m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution.  
Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.  
Coordinate System: British National Grid  
Projection: Transverse Mercator  
Datum: OSGB 1936  
Units: Meter



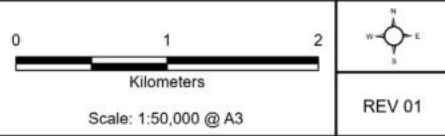
Rev	Date	Description	Drm	Chk	App
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00	APR 2025	First Draft	MP	DL	JL

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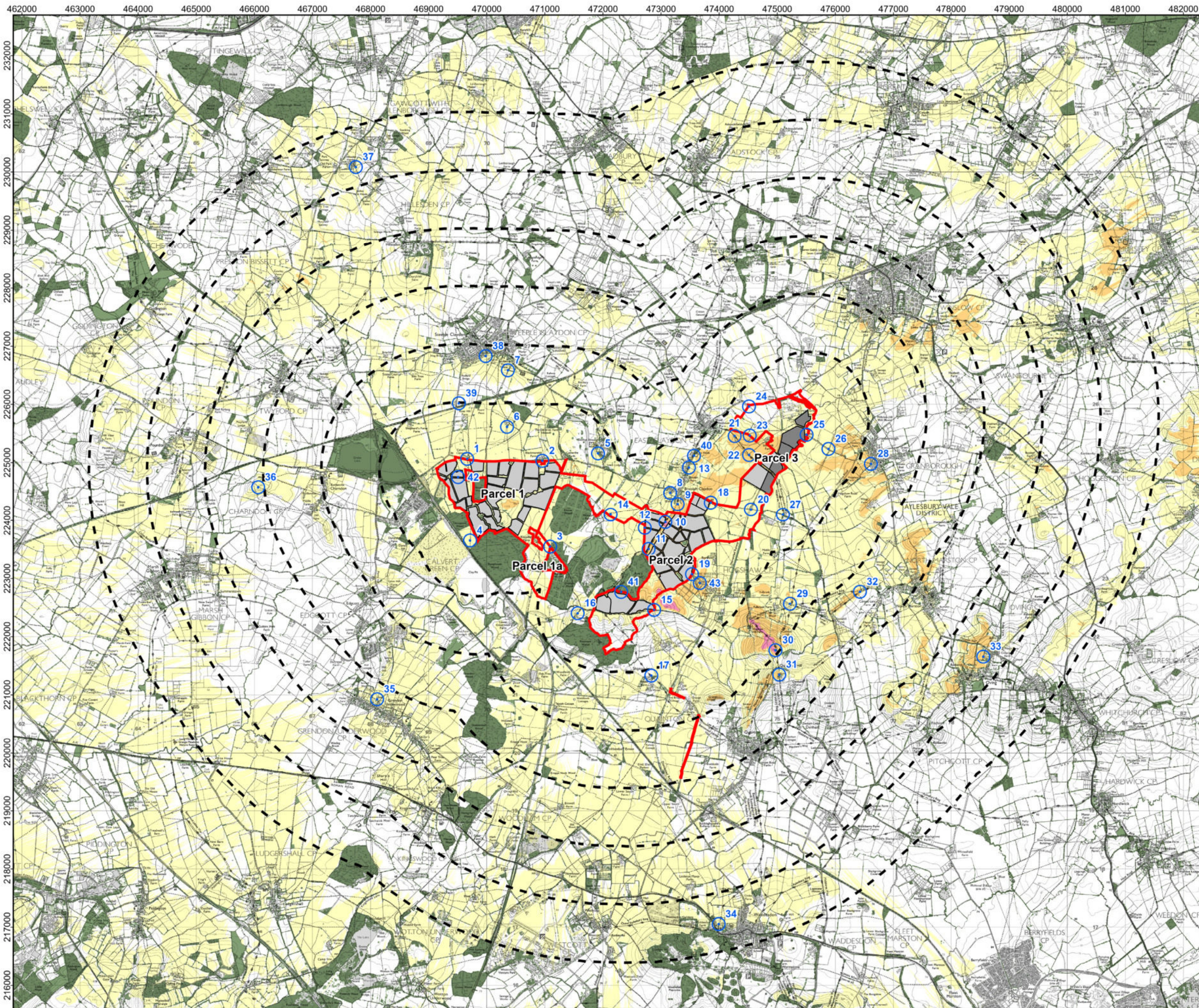
**DOCUMENT:**  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)

**TITLE:**  
FIGURE 10.8d  
ZTV OF SOLAR PV MODULES PARCEL 3 -  
STANDARD SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3







- LEGEND:**
- Order Limits
  - Proposed Areas for Solar PV Modules (3.5m)
  - Proposed Areas for Solar PV Modules (4.5m)
  - Distance Radii from All Proposed Built Development (1-6km)
  - Viewpoints
  - Woodland/Vegetation above 2.5m
  - Zone of Theoretical Visibility
    - Up to 20% of development visible
    - Up to 40% of development visible
    - Up to 60% of development visible

**Notes:**  
Layout file: D010-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DSM-VOM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, woodlands, hedgerows, vegetation over 2.5m and buildings.  
A digital surface model (DSM) has been derived from OS Terrain 5 height data. Locations of buildings have been taken from the OS Open Map Local dataset. Locations of woodland and vegetation higher than 2.5m have been taken from the Environment Agency's Vegetation Object Model (VOM) dataset. Heights of buildings and vegetation have been taken from DEFRA LIDAR First Return DSM 2022 2m height data. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.  
Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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

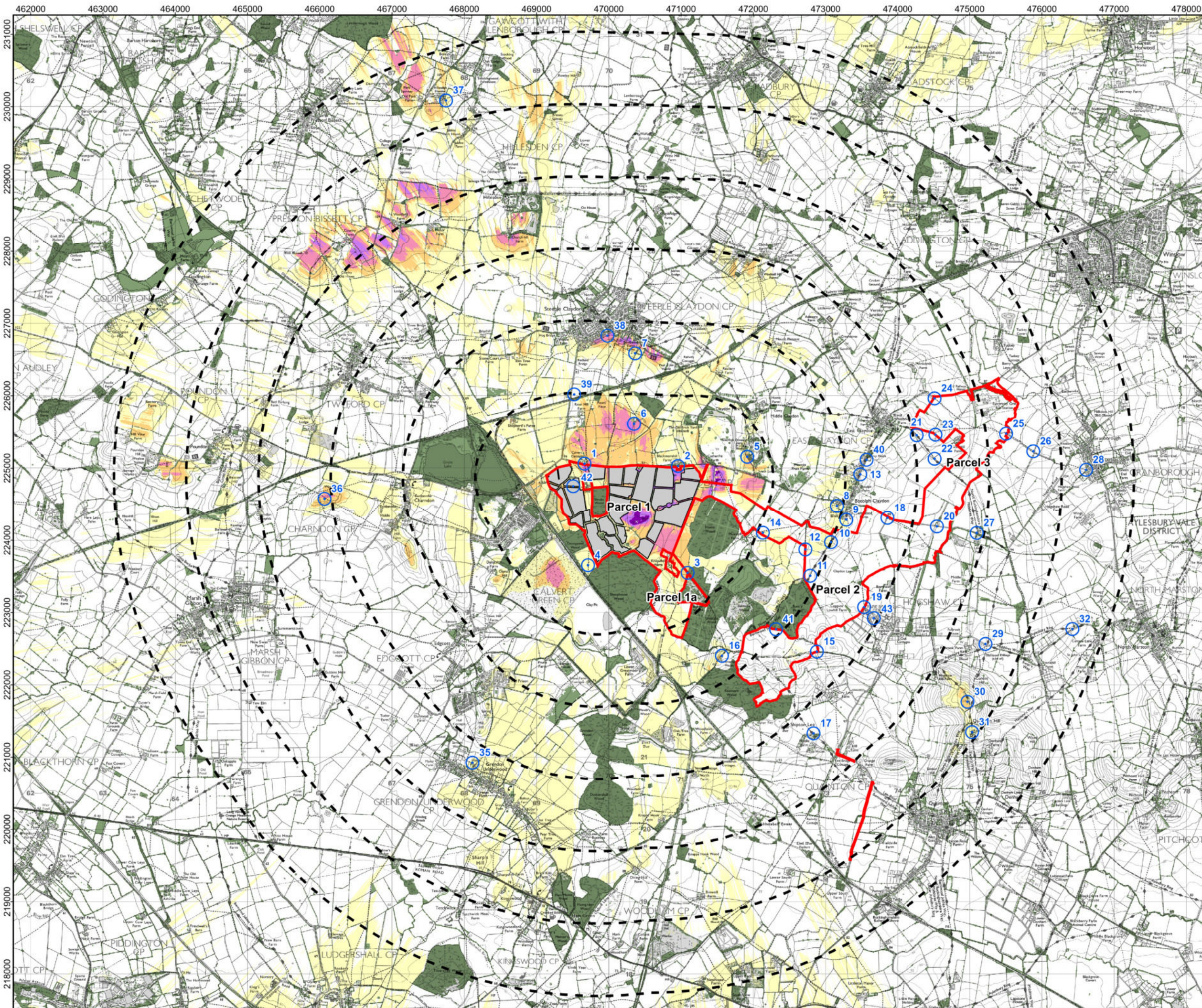
**TITLE:**  
FIGURE 10.9a  
ZTV OF SOLAR PV MODULES COMBINED  
PARCELS - DETAILED SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:62,204 @ A3

REV 01





**LEGEND:**

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland/Vegetation above 2.5m
- Zone of Theoretical Visibility
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

**Notes:**  
Layout file: D010-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DSM-VOM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, woodlands, hedgerows, vegetation over 2.5m and buildings.

A digital surface model (DSM) has been derived from OS Terrain 5 height data. Locations of buildings have been taken from the OS Open Map Local dataset. Locations of woodland and vegetation higher than 2.5m have been taken from the Environment Agency's Vegetation Object Model (VOM) dataset. Heights of buildings and vegetation have been taken from DEFRA LIDAR First Return DSM 2022 2m height data. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution.

Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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00	APR 2025	First Draft	MP	DL	JL

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

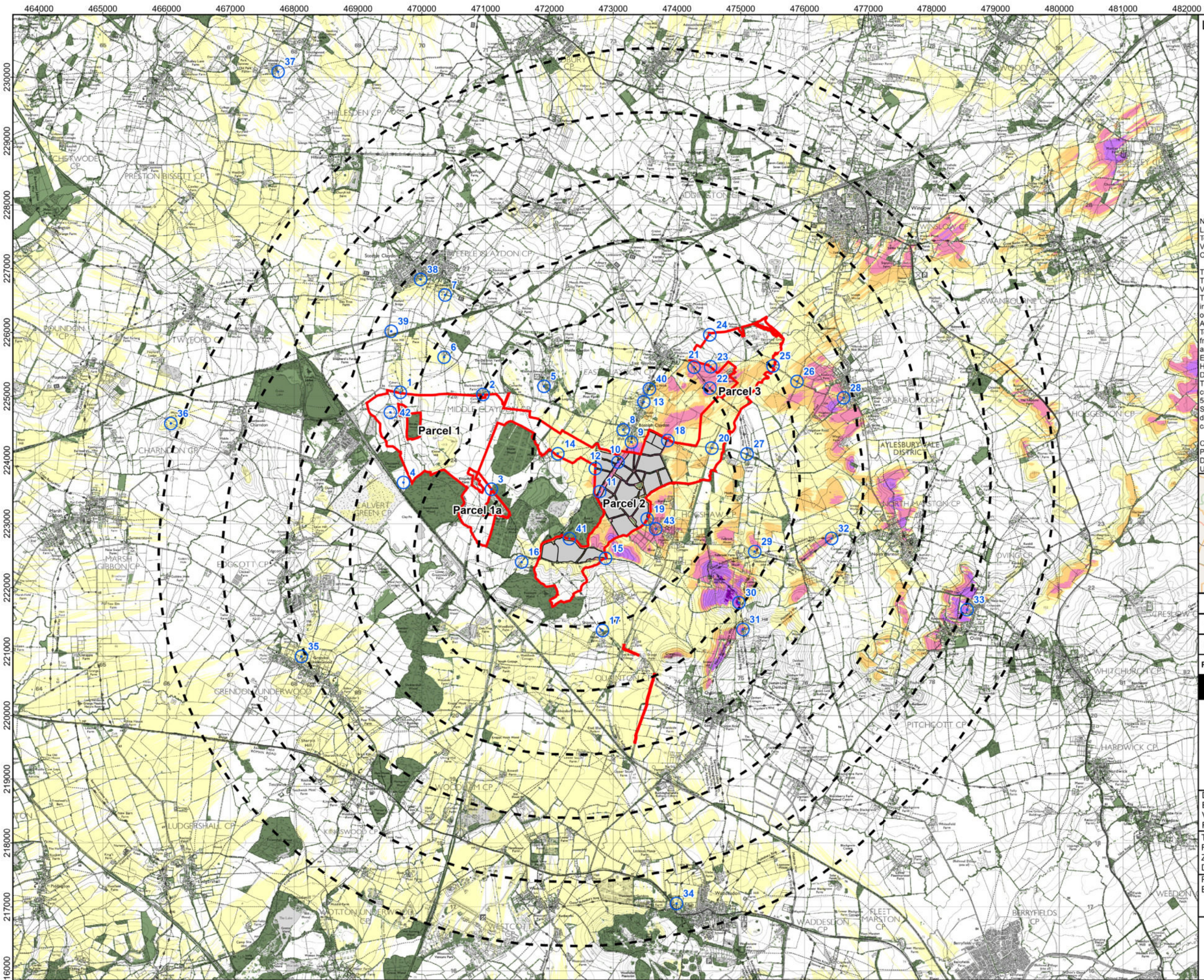
**TITLE:**  
FIGURE 10.9b  
ZTV OF SOLAR PV MODULES PARCEL 1 -  
DETAILED SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:50,000 @ A3

REV 01





**LEGEND:**

- Order Limits
- Proposed Areas for Solar PV Modules (3.5m)
- Distance Radii from All Proposed Built Development (1-6km)
- Viewpoints
- Woodland/Vegetation above 2.5m
- Zone of Theoretical Visibility
  - Up to 20% of development visible
  - Up to 40% of development visible
  - Up to 60% of development visible
  - Up to 80% of development visible
  - Up to 100% of development visible

**Notes:**  
Layout file: D010-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DSM-VOM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, woodlands, hedgerows, vegetation over 2.5m and buildings.

A digital surface model (DSM) has been derived from OS Terrain 5 height data. Locations of buildings have been taken from the OS Open Map Local dataset. Locations of woodland and vegetation higher than 2.5m have been taken from the Environment Agency's Vegetation Object Model (VOM) dataset. Heights of buildings and vegetation have been taken from DEFRA LIDAR First Return DSM 2022 2m height data. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.

Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.

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



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

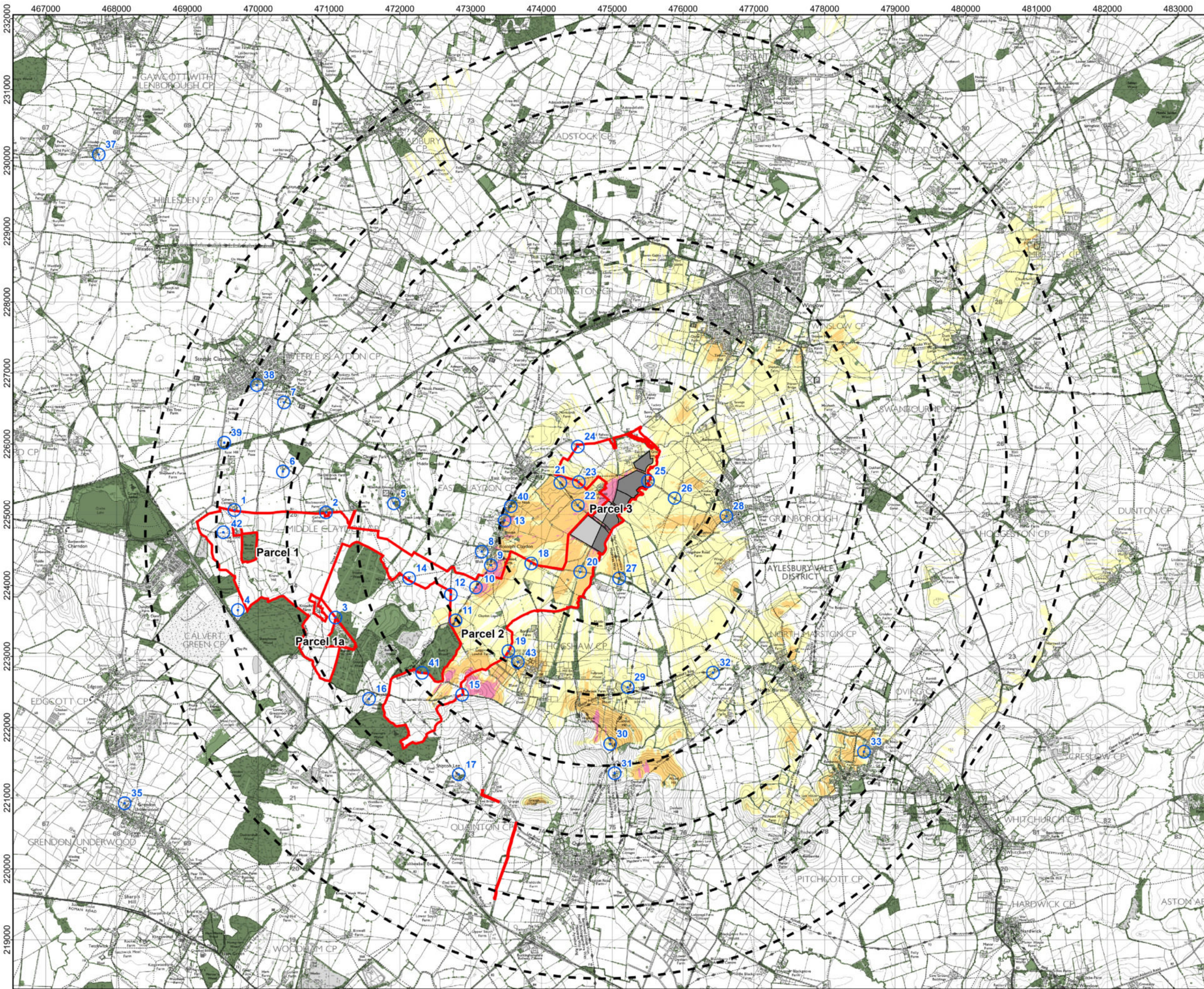
**TITLE:**  
FIGURE 10.9c  
ZTV OF SOLAR PV MODULES PARCEL 2 -  
DETAILED SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:55,000 @ A3

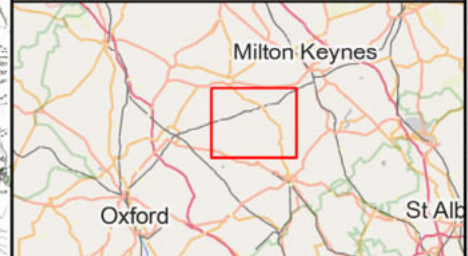
REV 01





- LEGEND:**
- Order Limits
  - Proposed Areas for Solar PV Modules (3.5m)
  - Proposed Areas for Solar PV Modules (4.5m)
  - Distance Radii from All Proposed Built Development (1-6km)
  - Viewpoints
  - Woodland/Vegetation above 2.5m
  - Zone of Theoretical Visibility
    - Up to 20% of development visible
    - Up to 40% of development visible
    - Up to 60% of development visible

**Notes:**  
Layout file: D010-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DSM-VOM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m  
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, woodlands, hedgerows, vegetation over 2.5m and buildings.  
A digital surface model (DSM) has been derived from OS Terrain 5 height data. Locations of buildings have been taken from the OS Open Map Local dataset. Locations of woodland and vegetation higher than 2.5m have been taken from the Environment Agency's Vegetation Object Model (VOM) dataset. Heights of buildings and vegetation have been taken from DEFRA LiDAR First Return DSM 2022 2m height data. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m resolution.  
Solar PV modules are shown to the full extents of the developable area of the Order Limits to demonstrate a worst case scenario for the ZTV.  
Coordinate System: British National Grid  
Projection: Transverse Mercator  
Datum: OSGB 1936  
Units: Meter

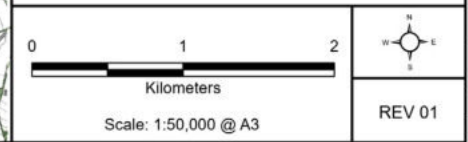


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00	APR 2025	First Draft	MP	DL	JL

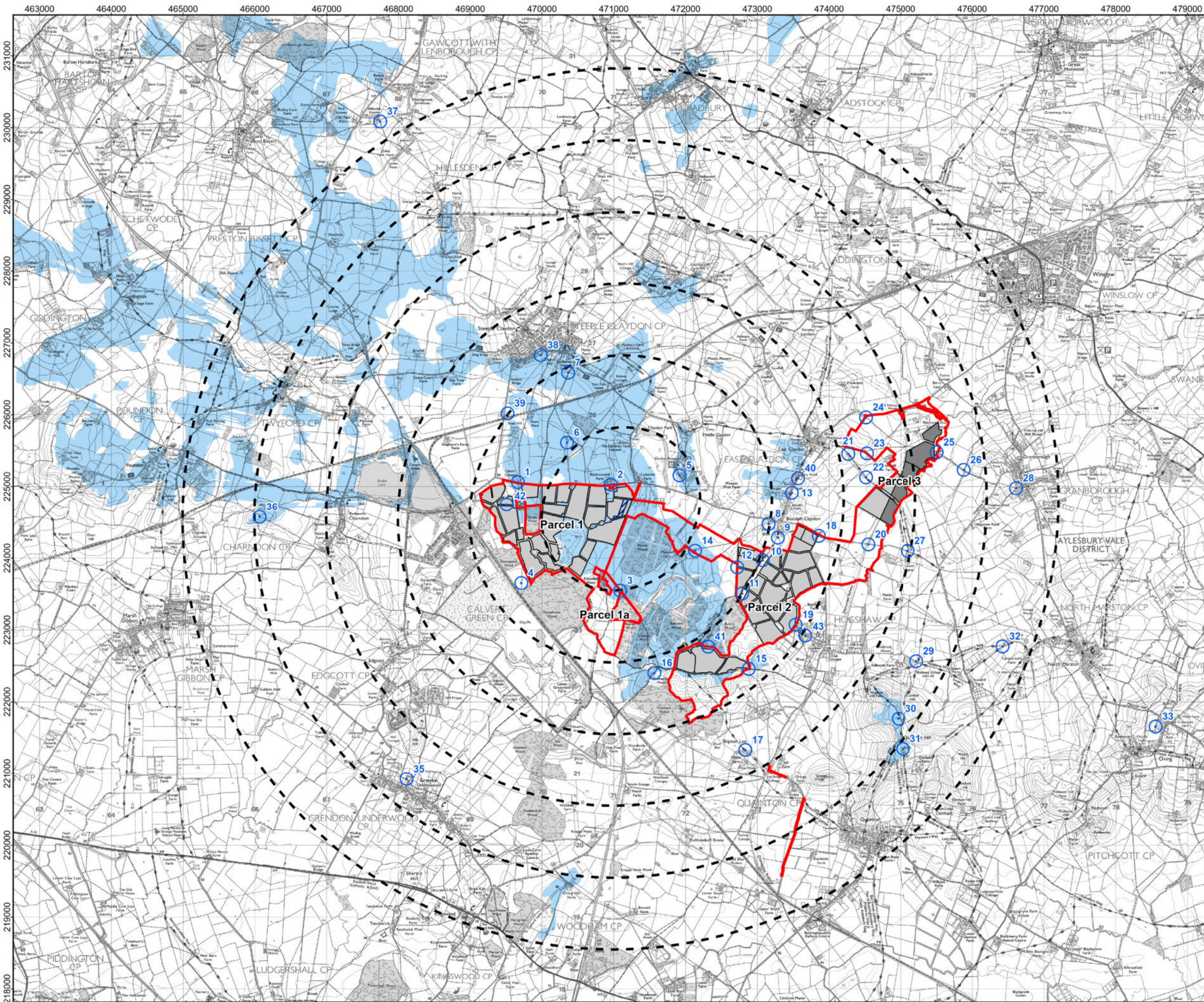
**Rosefield Solar Farm**



**DOCUMENT:**  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)  
**TITLE:**  
FIGURE 10.9d  
ZTV OF SOLAR PV MODULES PARCEL 3 -  
DETAILED SCREENING  
**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3







#### LEGEND:

- Order Limits
- Siting Zone for Satellite Collector Compound up to 6m in Parcel 1
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from Siting Zone (1-6km)
- Viewpoints
- Zone of Theoretical Visibility
- Siting zone for satellite collector compound may be visible

Notes:  
Layout file: D010-obvs-sitingZones-T5-5km.shp  
Terrain data: T5-DTM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

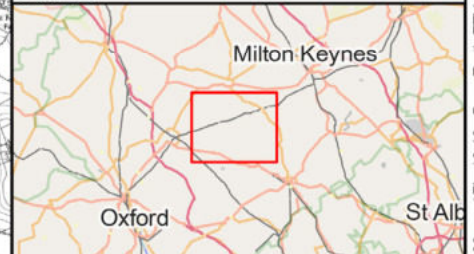
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.

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



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01	SEPT 2025	DCO SUBMISSION	MP	DL	JL
00	APR 2025	First Draft	MP	DL	JL

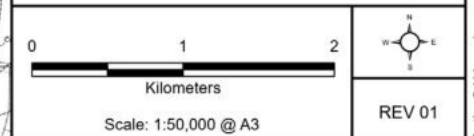
#### Rosefield Solar Farm



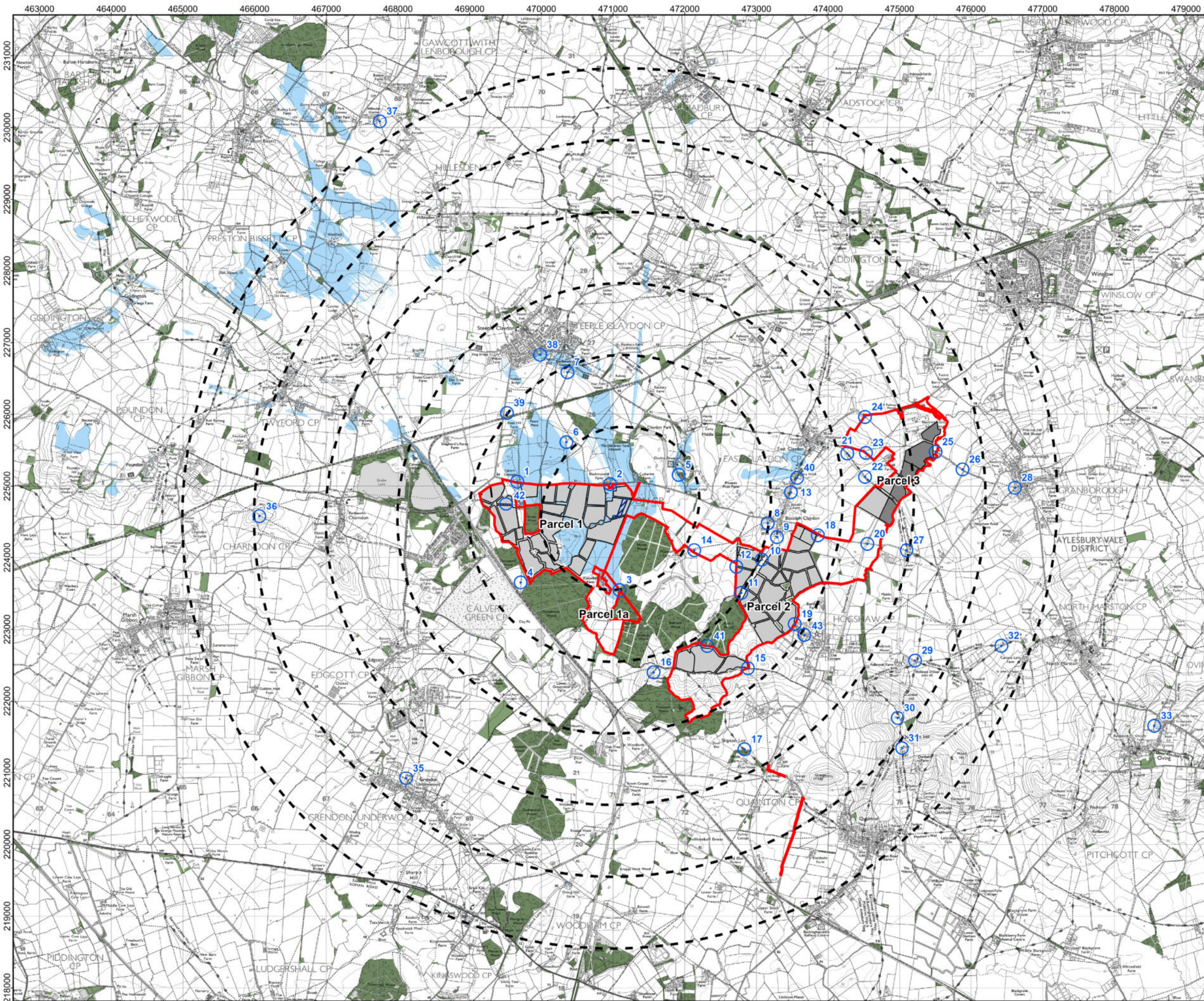
DOCUMENT:  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
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TITLE:  
FIGURE 10.10a  
ZTV OF SITING ZONE FOR STRUCTURES UP TO 6M PARCEL 1 - BARE EARTH

PINS REFERENCE NUMBER:  
EN010158/APP/6.3







**LEGEND:**

- Order Limits
- Siting Zone for Satellite Collector Compound up to 6m in Parcel 1
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from Siting Zone (1-6km)
- Woodland
- Viewpoints
- Zone of Theoretical Visibility**
- Siting zone for satellite collector compound may be visible

**Notes:**  
Layout file: D010-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DSM-10-6.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

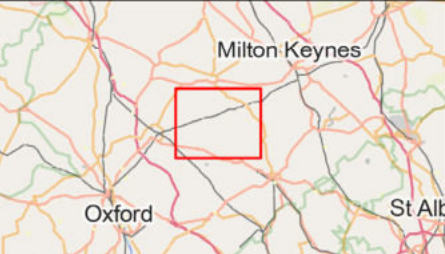
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings.

A digital surface model (DSM) has been derived from OS Terrain 5 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 6m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.

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



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**DOCUMENT:**  
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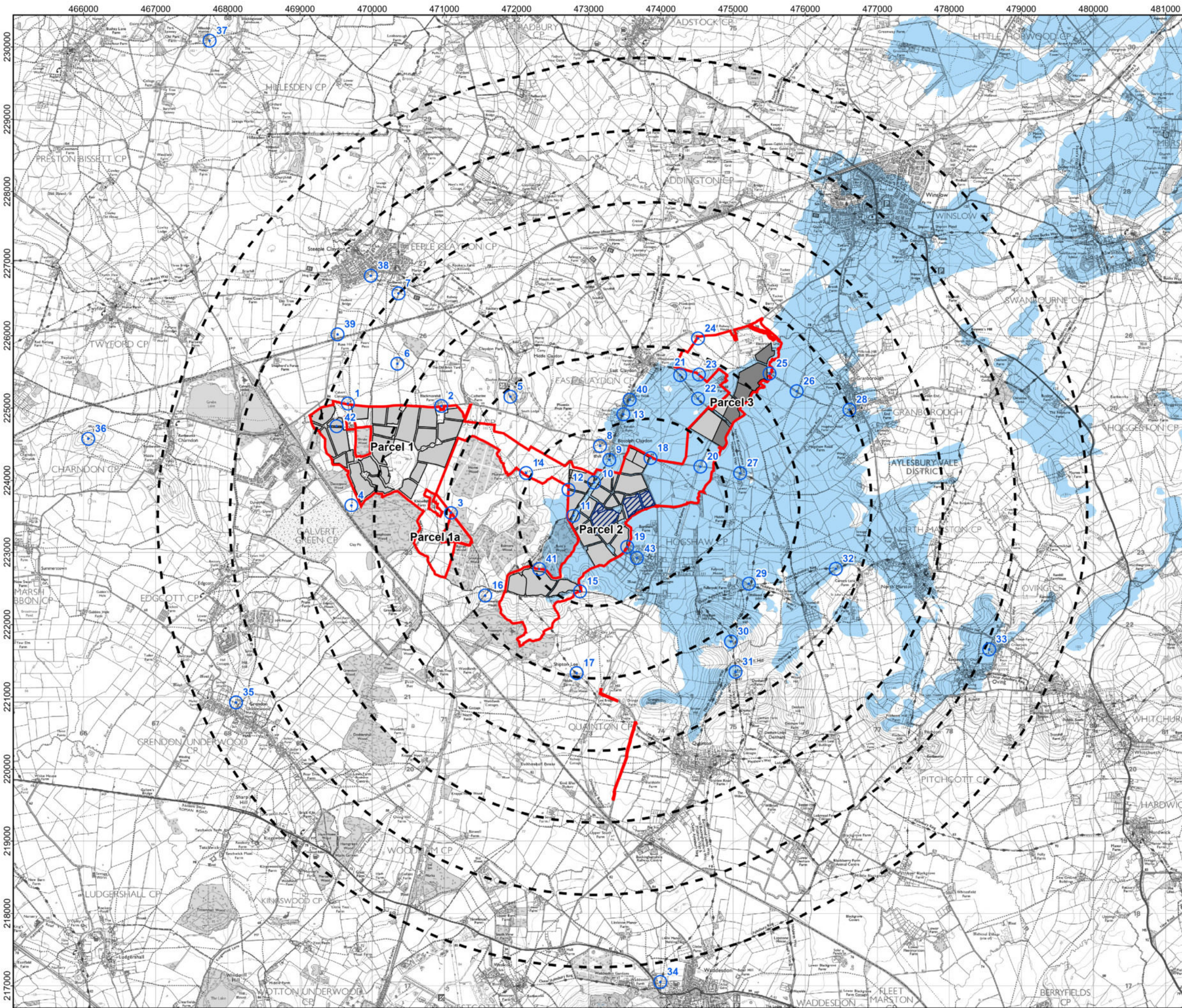
**TITLE:**  
FIGURE 10.10b  
ZTV OF SITING ZONE FOR STRUCTURES UP TO 6M PARCEL 1 - STANDARD SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:50,000 @ A3

REV 01





**LEGEND:**

- Order Limits
- Siting Zone for Satellite Collector Compound and BESS up to 6m in Parcel 2
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from Siting Zone (1.6km)
- Viewpoints
- Zone of Theoretical Visibility
- Siting zone for satellite collector compound and BESS may be visible

**Notes:**  
Layout file: D007-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DTM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.

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



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**DOCUMENT:**  
ENVIRONMENTAL STATEMENT  
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**TITLE:**  
FIGURE 10.11a  
ZTV OF SITING ZONE FOR STRUCTURES UP TO 6M PARCEL 2 - BARE EARTH

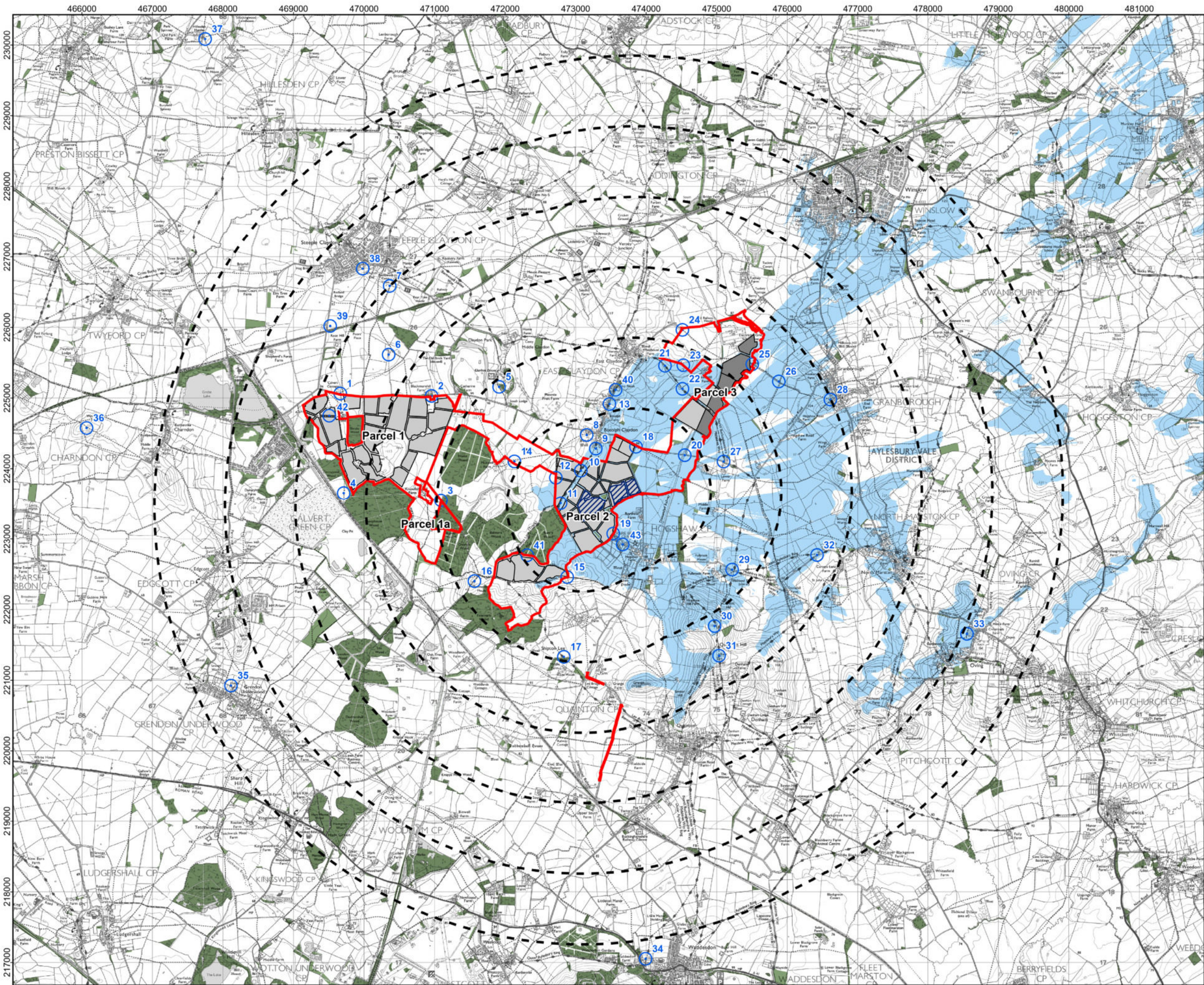
**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

0 1 2  
Kilometers

Scale: 1:50,000 @ A3

REV 01





LEGEND:

- Order Limits
- Siting Zone for Satellite Collector
- Compound and BESS up to 6m in Parcel 2
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from Siting Zone (1.6km)
- Woodland
- Viewpoints
- Zone of Theoretical Visibility
- Siting zone for satellite collector compound and BESS may be visible

Notes:  
Layout file: D010-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DSM-10-6.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings.

A digital surface model (DSM) has been derived from OS Terrain 5 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 6m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.

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



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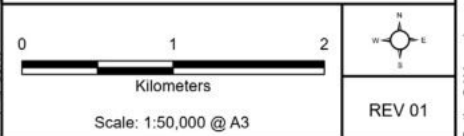
Rosefield Solar Farm



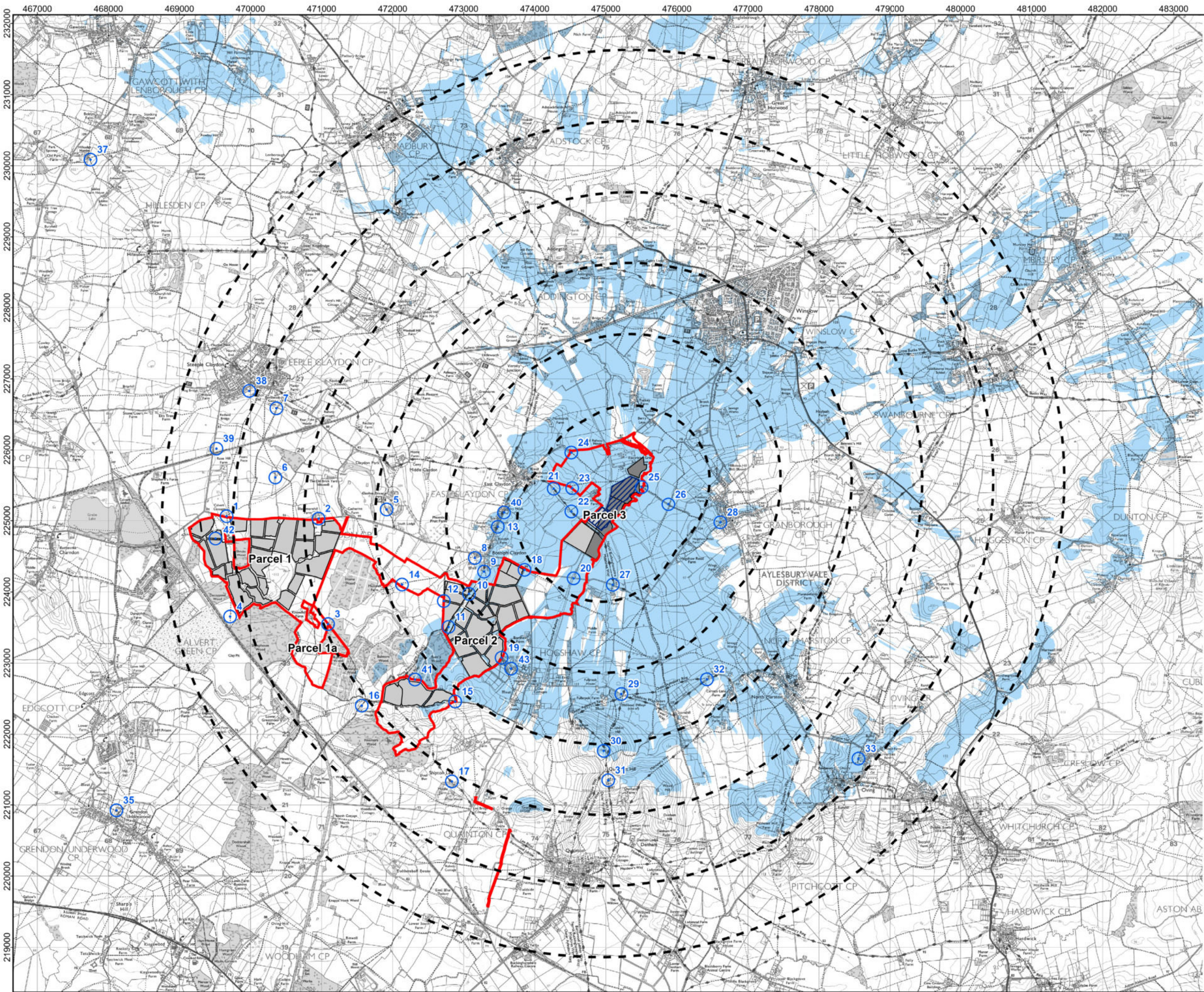
DOCUMENT:  
ENVIRONMENTAL STATEMENT  
VOLUME 3: FIGURES  
REGULATION 5(2)(a)

TITLE:  
FIGURE 10.11b  
ZTV OF SITING ZONE FOR STRUCTURES UP TO 6M PARCEL 2 - STANDARD SCREENING

PINS REFERENCE NUMBER:  
EN010158/APP/6.3







**LEGEND:**

- Order Limits
- Siting Zone for Rosefield Substation up to 15m and Main Collector Compound up to 6m in Parcel 3
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from Siting Zone (1-6km)
- Viewpoints
- Zone of Theoretical Visibility
- Siting zone for Rosefield substation and main collector compound may be visible

**Notes:**  
Layout file: D010-obvs-panels-T5-5km.shp  
Terrain data: T5-DTM.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.

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



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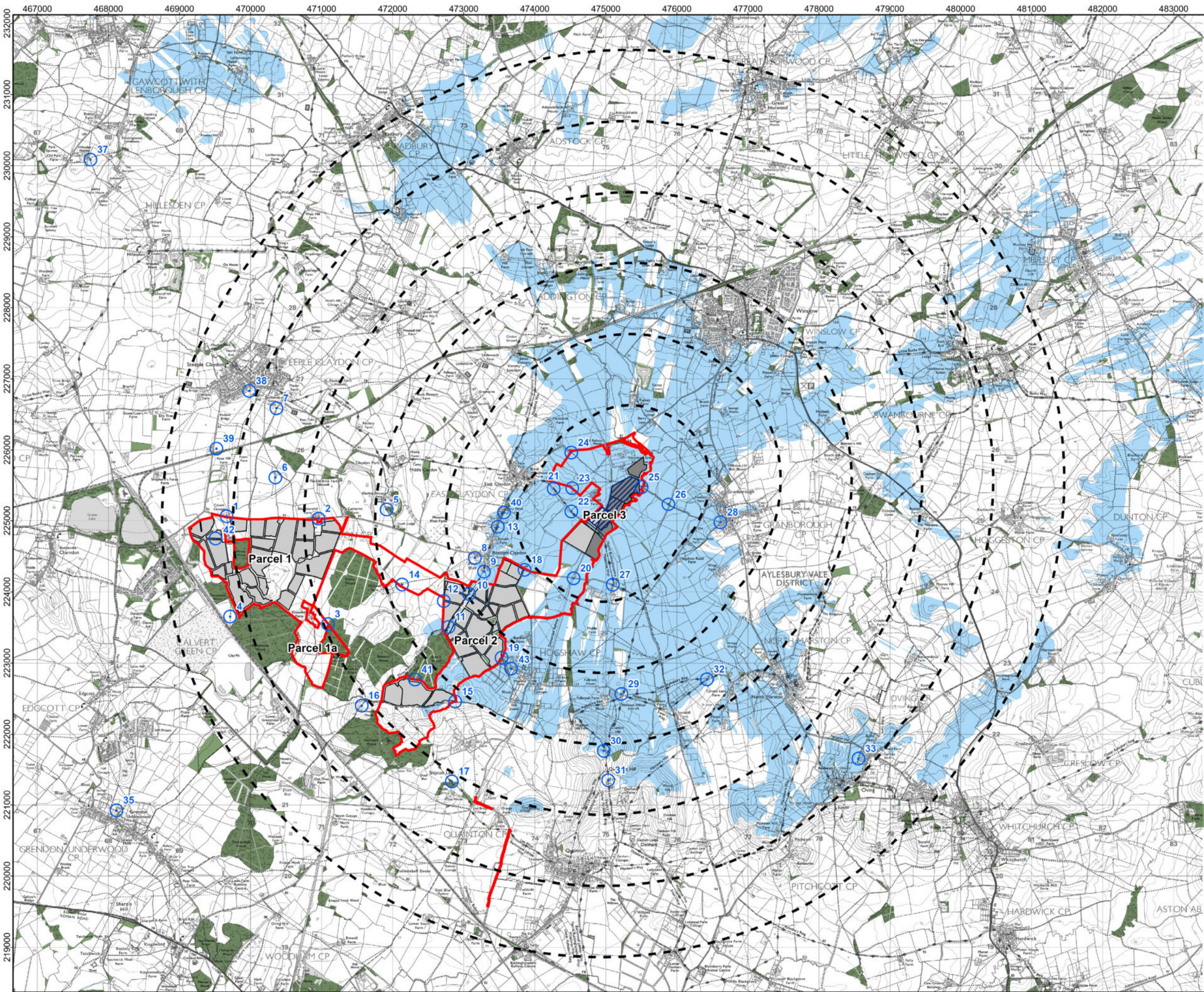
**TITLE:**  
FIGURE 10.12a  
ZTV OF SITING ZONE FOR STRUCTURES UP TO 15M AND 6M PARCEL 3 - BARE EARTH

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:50,000 @ A3

REV 01





**LEGEND:**

- Order Limits
- Siting Zone for Rosefield Substation up to 15m and Main Collector Compound up to 6m in Parcel 3
- Proposed Areas for Solar PV Modules (3.5m)
- Proposed Areas for Solar PV Modules (4.5m)
- Distance Radii from Siting Zone (1.6km)
- Woodland
- Viewpoints
- Zone of Theoretical Visibility
- Siting zone for Rosefield substation and main collector compound may be visible

**Notes:**  
Layout file: D007-obvs-infrastructure-T5-5km.shp  
Terrain data: T5-DSM-10-6.asc  
Viewer's eye height: 2m above ground level  
Calculation grid size: 5m

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings. A digital surface model (DSM) has been derived from OS Terrain 5 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 6m and woodland an assumed height of 10m, representing a conservative estimate of average heights within the study area. The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m<sup>2</sup> resolution.

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



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ENVIRONMENTAL STATEMENT  
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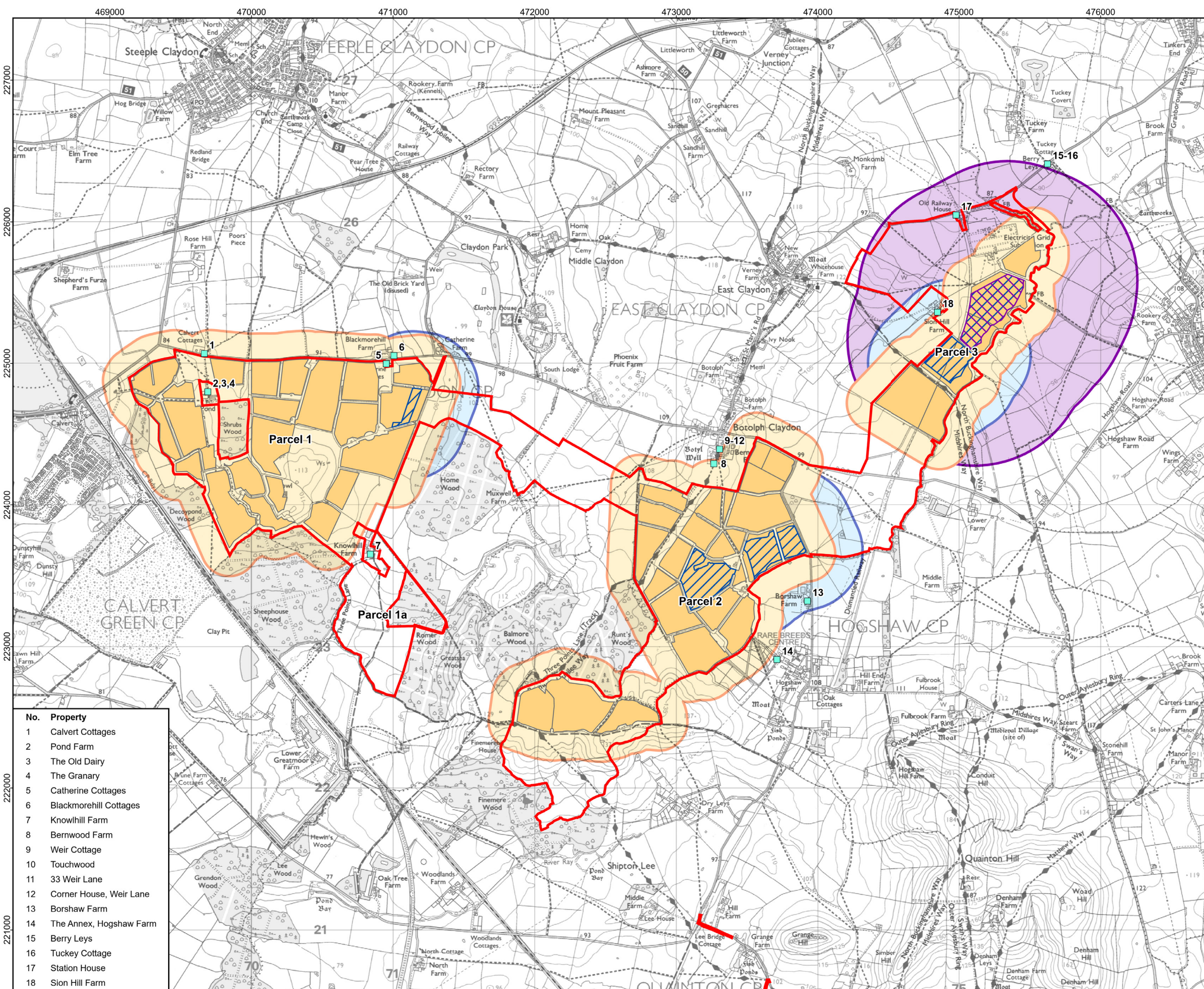
**TITLE:**  
FIGURE 10.12b  
ZTV OF SITING ZONE FOR STRUCTURES UP TO 15M AND 6M PARCEL 3 - STANDARD SCREENING

**PINS REFERENCE NUMBER:**  
EN010158/APP/6.3

Scale: 1:50,000 @ A3

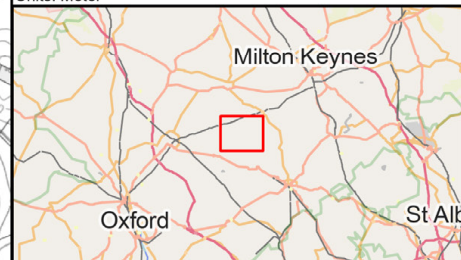
REV 01





- LEGEND:**
- Order Limits
  - Areas for Solar PV Development
  - Proposed Siting Zone for Development up to 6m
  - Proposed Siting Zone for Rosefield Substation 15m
  - 200m Buffer from Solar PV Modules
  - 400m Buffer from Siting Zones for Structures up to 6m
  - 800m Buffer from Siting Zones for Structures up to 15m
  - Residential Properties

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



02	JAN 2026	Section 89(3) Amendment	MP	DL	JL
01	SEPT 2025	DCO Submission	MP	DL	JL
00	APR 2025	First Draft	MP	DL	JL
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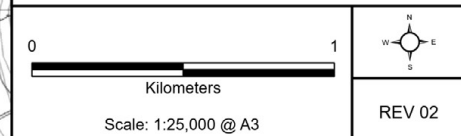
**Rosefield Solar Farm**



DOCUMENT:  
ENVIRONMENTAL STATEMENT  
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TITLE:  
FIGURE 10.13  
RESIDENTIAL PROPERTY LOCATION PLAN

PINS REFERENCE NUMBER:  
EN010158/APP/6.3.2



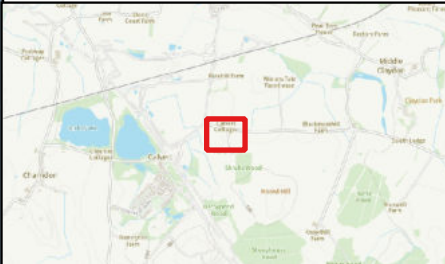
No.	Property
1	Calvert Cottages
2	Pond Farm
3	The Old Dairy
4	The Granary
5	Catherine Cottages
6	Blackmorehill Cottages
7	Knowhill Farm
8	Bernwood Farm
9	Weir Cottage
10	Touchwood
11	33 Weir Lane
12	Corner House, Weir Lane
13	Borshaw Farm
14	The Annex, Hogshaw Farm
15	Berry Leys
16	Tuckey Cottage
17	Station House
18	Sion Hill Farm





Legend:

- Order Limits
- Sitting zone for PV development
- 1 - 2 Calvert Cottages
- 1 - 2 Calvert Cottages Garden
- Agricultural Outbuildings
- Proposed hedgerow planting or enhanced management of existing hedgerow
- Proposed structure planting of native trees and shrubs
- Primary Orientation of Views
- Distance between residential property and sitting zone for above ground infrastructure
- RVAA Viewpoint Locations



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00	APR 2025	First Draft	EM	DL	JI

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TITLE:  
FIGURE 10.14  
RVAA Property Plan - 1 - 2 Calvert Cottages,  
Steeple Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

Scale: 1:1,500 @ A3

NORTH

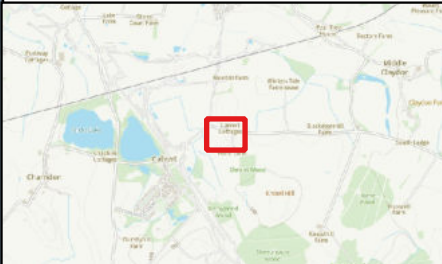
REV 01





Legend:

- Order Limits
- Sitting zone for PV development
- 3 Calvert Cottages
- 3 Calvert Cottages Garden
- Proposed hedgerow planting or enhanced management of existing hedgerow
- Proposed structure planting of native trees and shrubs
- Primary Orientation of Views
- Distance between residential property and sitting zone for above ground infrastructure
- RVAA Viewpoint Locations



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TITLE:  
FIGURE 10.15  
RVAA Property Plan - 3 Calvert Cottages,  
Steeple Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

Scale: 1:1,500 @ A3

NORTH

REV 01





**Legend:**

- Order Limits
- Sitting zone for PV development
- 4 - 5 Calvert Cottages
- 4 - 5 Calvert Cottages Garden
- Proposed hedgerow planting or enhanced management of existing hedgerow
- Proposed structure planting of native trees and shrubs
- Primary Orientation of Views
- Distance between residential property and sitting zone for above ground infrastructure
- RVAA Viewpoint Locations

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TITLE:  
FIGURE 10.16  
RVAA Property Plan - 4 - 5 Calvert Cottages,  
Steeple Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

02550

Scale: 1:1,500 @ A3

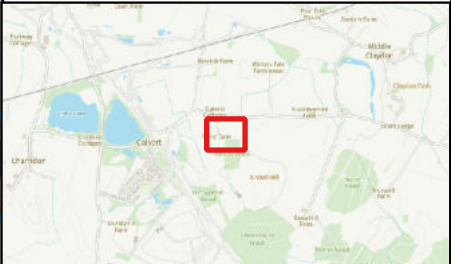
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - Granary Cottage
  - Granary Cottage Garden
  - Agricultural Outbuildings
  - Proposed hedgerow planting or enhanced management of existing hedgerow
  - — — Proposed structure planting of native trees and shrubs
  - Primary Orientation of Views
  - Distance between residential property and sitting zone for above ground infrastructure
  - ⊙ RVAA Viewpoint Locations



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TITLE:  
FIGURE 10.17  
RVAA Property Plan - Granary Cottage,  
Steeple Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

02550

Scale: 1:1,500 @ A3

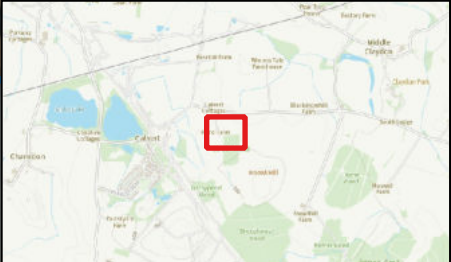
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - Pond Farm
  - Pond Farm Garden
  - Agricultural Outbuildings
  - Proposed hedgerow planting or enhanced management of existing hedgerow
  - Proposed structure planting of native trees and shrubs
  - Primary Orientation of Views
  - Distance between residential property and sitting zone for above ground infrastructure
  - RVAA Viewpoint Locations



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TITLE:  
FIGURE 10.18  
RVAA Property Plan - Pond Farm, Steeple  
Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

Scale: 1:1,500 @ A3

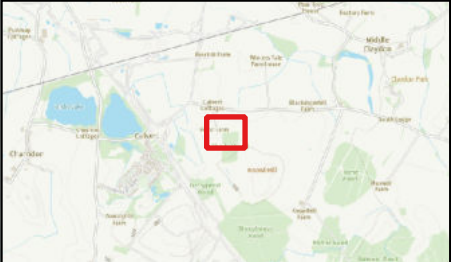
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - The Old Dairy
  - The Old Dairy Garden
  - Agricultural Outbuildings
  - Proposed hedgerow planting or enhanced management of existing hedgerow
  - Proposed structure planting of native trees and shrubs
  - Primary Orientation of Views
  - Distance between residential property and siting zone for above ground infrastructure
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TITLE:  
FIGURE 10.19  
RVAA Property Plan - The Old Dairy, Steeple Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

Scale: 1:1,500 @ A3

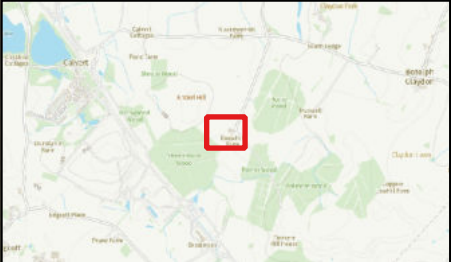
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - Knowhill Farm
  - Knowhill Farm Garden
  - Agricultural Outbuildings
  - Proposed hedgerow planting or enhanced management of existing hedgerow
  - Primary Orientation of Views
  - Distance between residential property and sitting zone for above ground infrastructure
  - RVAA Viewpoint Locations



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TITLE:  
FIGURE 10.20  
RVAA Property Plan - Knowhill Farm, Steeple  
Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

0 25 50 m

Scale: 1:1,500 @ A3

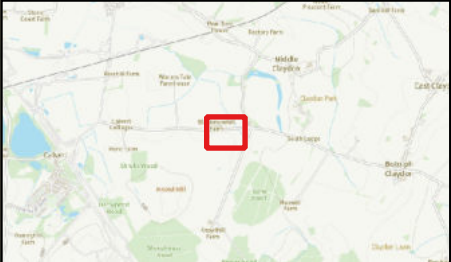
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - 1 - 2 Blackmorehill Cottages
  - 1 - 2 Blackmorehill Cottages Garden
  - Agricultural Outbuildings
  - Proposed hedgerow planting or enhanced management of existing hedgerow
  - Primary Orientation of Views
  - Distance between residential property and sitting zone for above ground infrastructure
  - RVAA Viewpoint Locations



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TITLE:  
FIGURE 10.21  
RVAA Property Plan - 1 - 2 Blackmorehill  
Cottages, Middle Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

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Scale: 1:1,500 @ A3

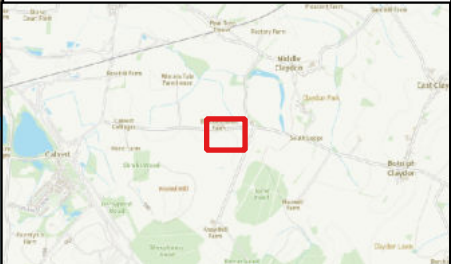
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - 4 - 5 Catherine Cottages
  - 4 - 5 Catherine Cottages Garden
  - Agricultural Outbuildings
  - Proposed hedgerow planting or enhanced management of existing hedgerow
  - Primary Orientation of Views
  - Distance between residential property and sitting zone for above ground infrastructure
  - RVAA Viewpoint Locations



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TITLE:  
FIGURE 10.22  
RVAA Property Plan - 4 - 5 Catherine  
Cottages, Middle Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

02550

Scale: 1:1,500 @ A3

NORTH

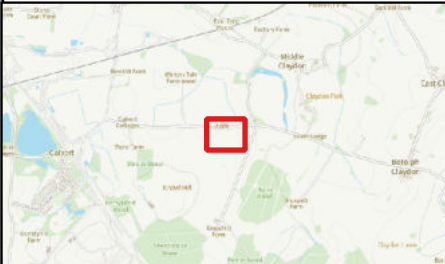
REV 01





Legend:

- Order Limits
- Sitting zone for PV development
- 6 - 7 Catherine Cottages
- 6 - 7 Catherine Cottages Garden
- Agricultural Outbuildings
- Proposed hedgerow planting or enhanced management of existing hedgerow
- Primary Orientation of Views
- Distance between residential property and sitting zone for above ground infrastructure
- RVAA Viewpoint Locations



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DOCUMENT:  
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TITLE:  
FIGURE 10.23  
RVAA Property Plan - 6 - 7 Catherine  
Cottages, Middle Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

Scale: 1:1,500 @ A3

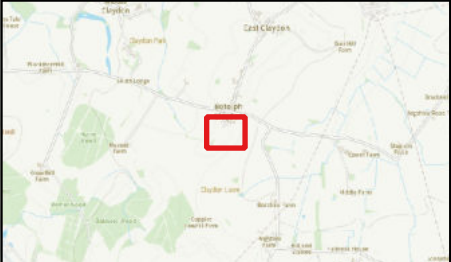
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - Bernwood Farm
  - Bernwood Farm Garden
  - Agricultural Outbuildings
  - Proposed hedgerow planting or enhanced management of existing hedgerow
  - Proposed structure planting of native trees and shrubs
  - Primary Orientation of Views
  - Distance between residential property and sitting zone for above ground infrastructure
  - RVAA Viewpoint Locations



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

**Rosefield Solar Farm**



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

TITLE:  
FIGURE 10.24  
RVAA Property Plan - Bernwood Farm,  
Botolph Claydon

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

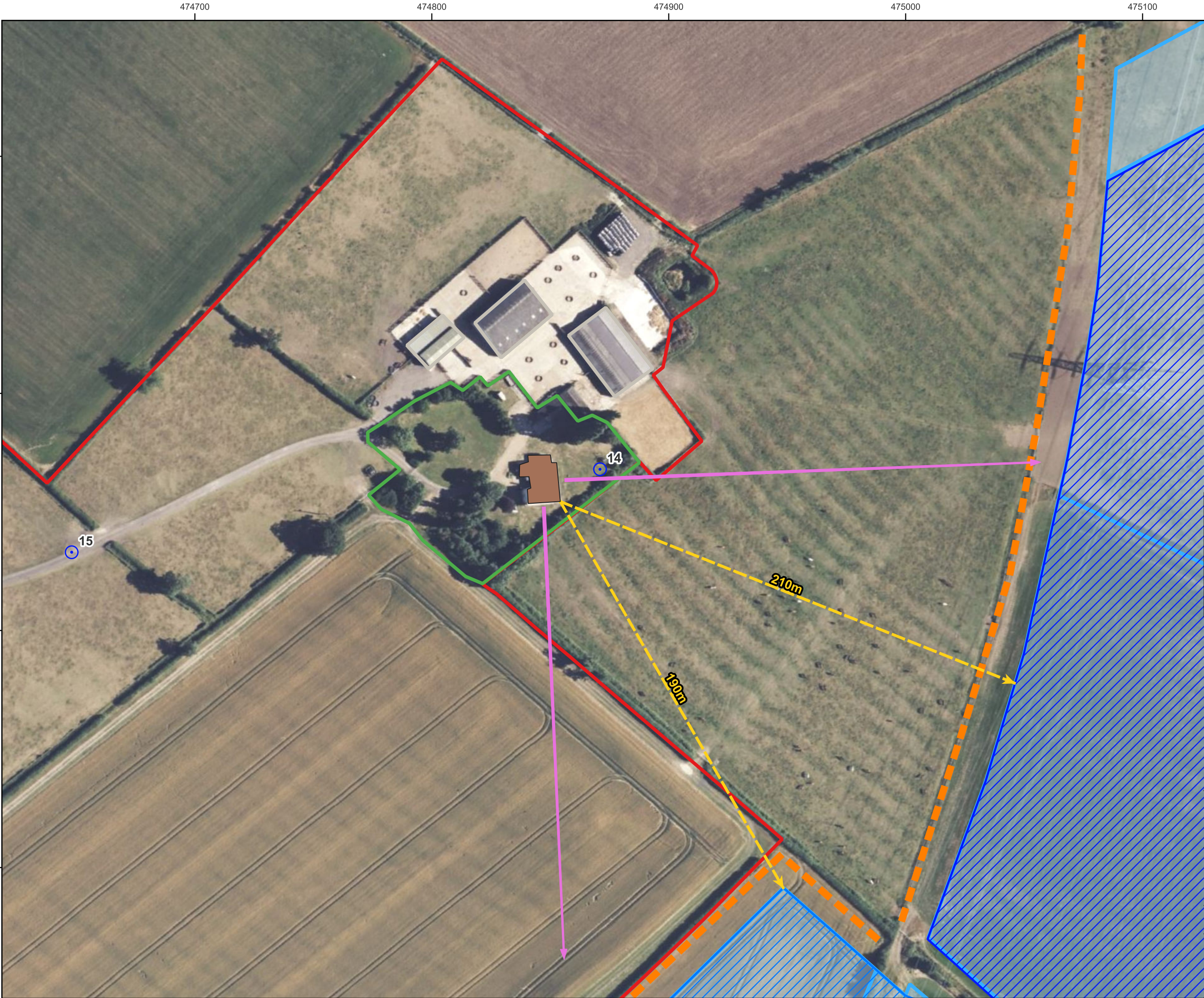
02550

Scale: 1:1,500 @ A3

NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - Proposed Rosefield Substation Siting Zone
  - Proposed Main Collector Compound Siting Zone
  - Sion Hill Farm
  - Sion Hill Farm Garden
  - Agricultural Outbuildings
  - Proposed structure planting of native trees and shrubs
  - Primary Orientation of Views
  - Distance between residential property and siting zone for above ground infrastructure
  - RVAA Viewpoint Locations



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

**Rosefield Solar Farm**



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

TITLE:  
FIGURE 10.25  
RVAA Property Plan - Sion Hill Farm, Off  
Church Way

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

02550

50 m

Scale: 1:1,500 @ A3

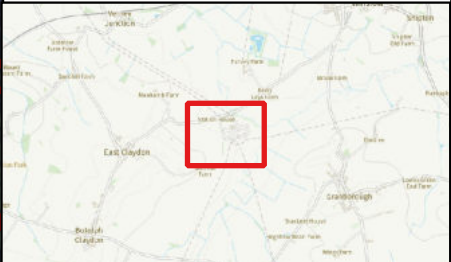
NORTH

REV 01





- Legend:**
- Order Limits
  - Sitting zone for PV development
  - Proposed Rosefield Substation Siting Zone
  - Station House
  - Station House Garden
  - Agricultural Outbuildings
  - Proposed structure planting of native trees and shrubs
  - Primary Orientation of Views
  - Distance between residential property and siting zone for above ground infrastructure
  - RVAA Viewpoint Locations



Rev	Date	Description	Drn	Chk	App
01	SEPT 2025	DCO SUBMISSION	EM	DL	JI
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**Rosefield Solar Farm**



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

TITLE:  
FIGURE 10.26  
RVAA Property Plan - Station House, East  
Claydon Road

PINS REFERENCE NUMBER:  
EN010158/APP/6.3

050100 m

Scale: 1:3,000 @ A3

NORTH

REV 01



