

Environmental Statement – Volume 2 Appendices

Appendix 7.1 – LVIA Figures

July 2025



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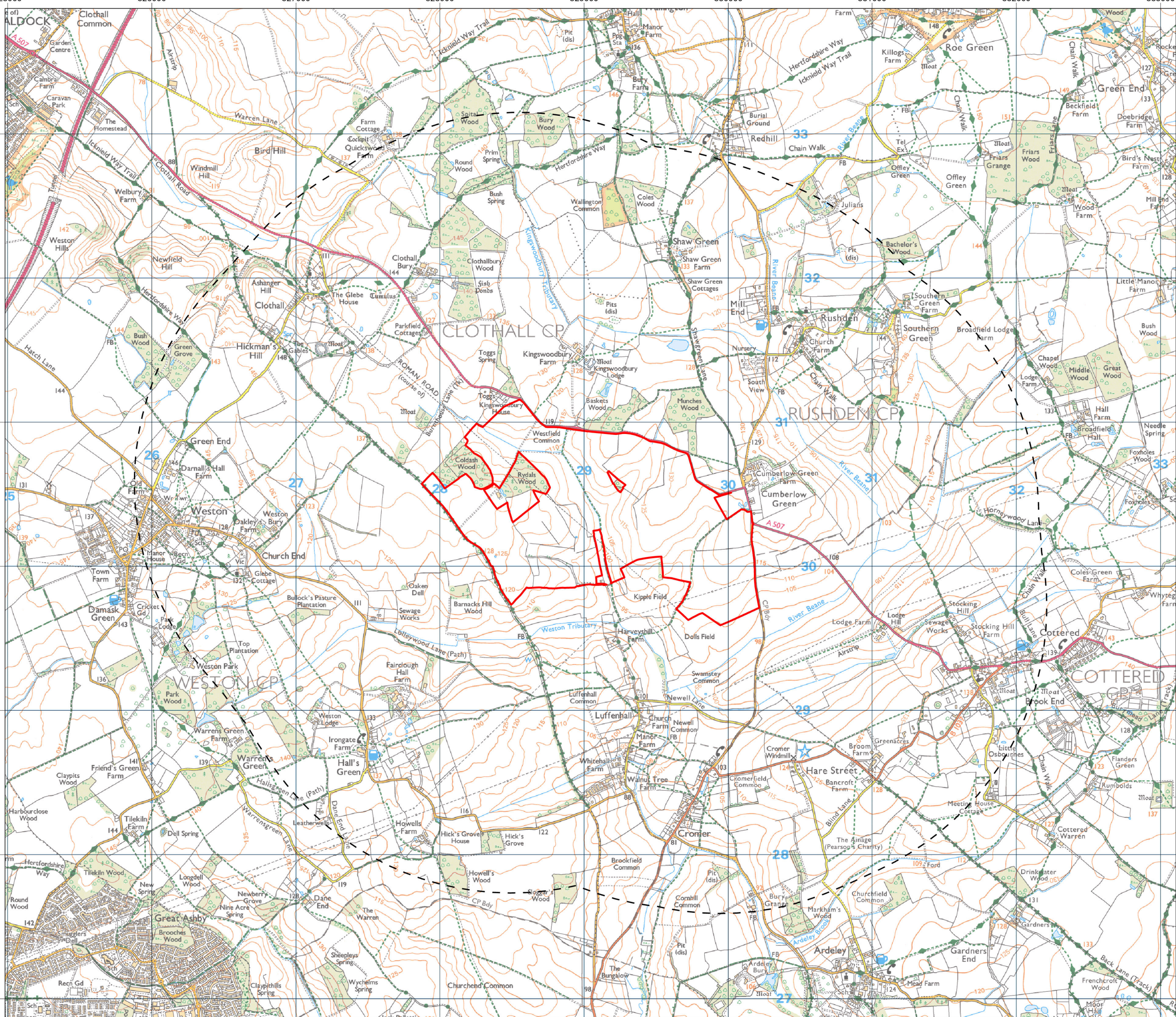
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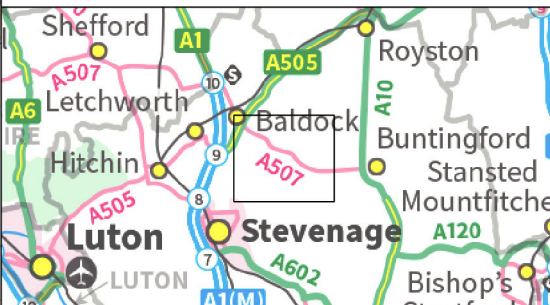
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Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 1 Study Area

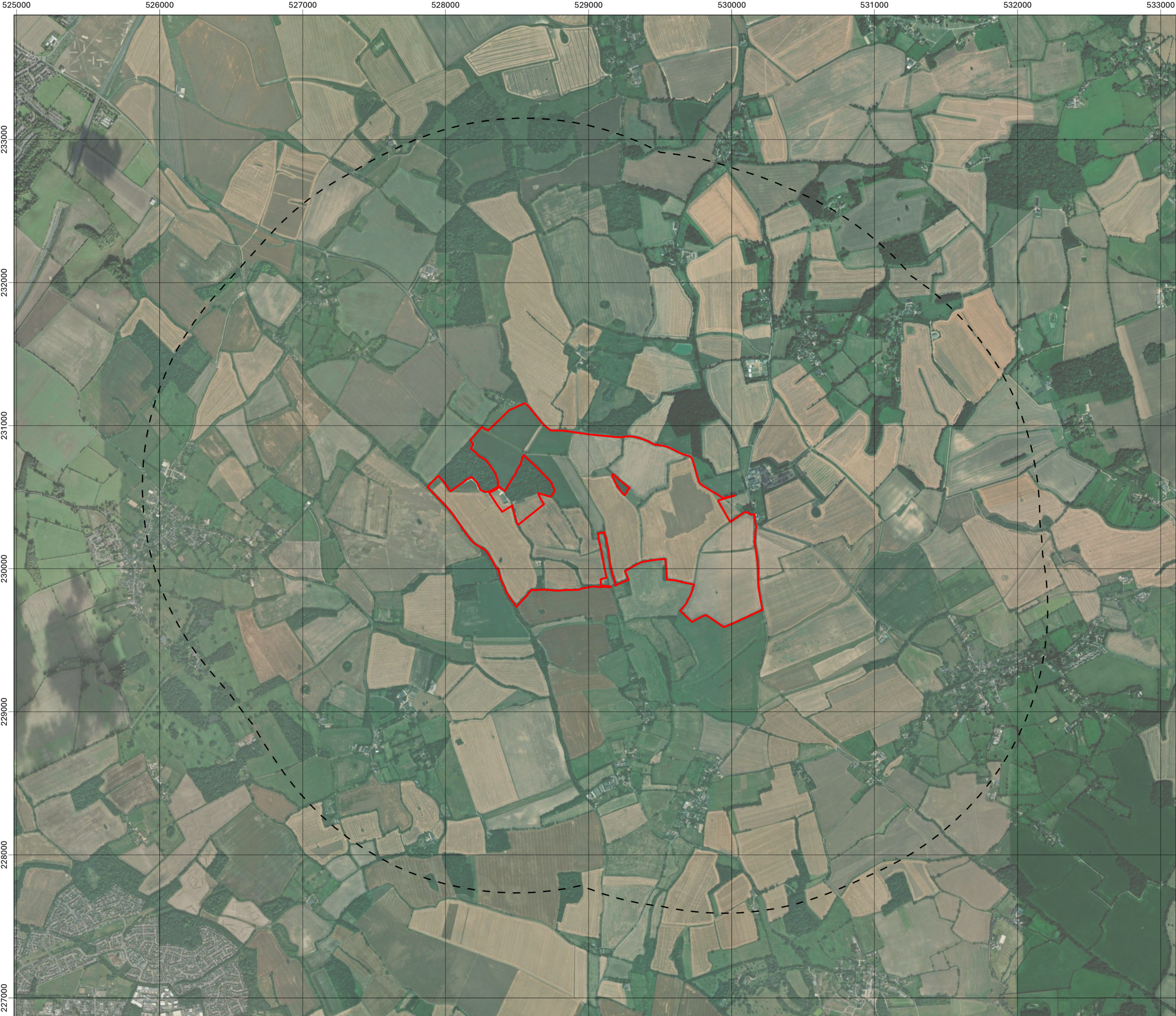
- Legend:
- Site Boundary
 - 2km Study Area

Data: Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0014
Coordinate system: British National Grid
Scale: 1:25,000 @ A3





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Title:
Figure 2 Aerial Photography

- Legend:
- Site Boundary
 - 2km Study Area

Data: Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673
Earthstar Geographics

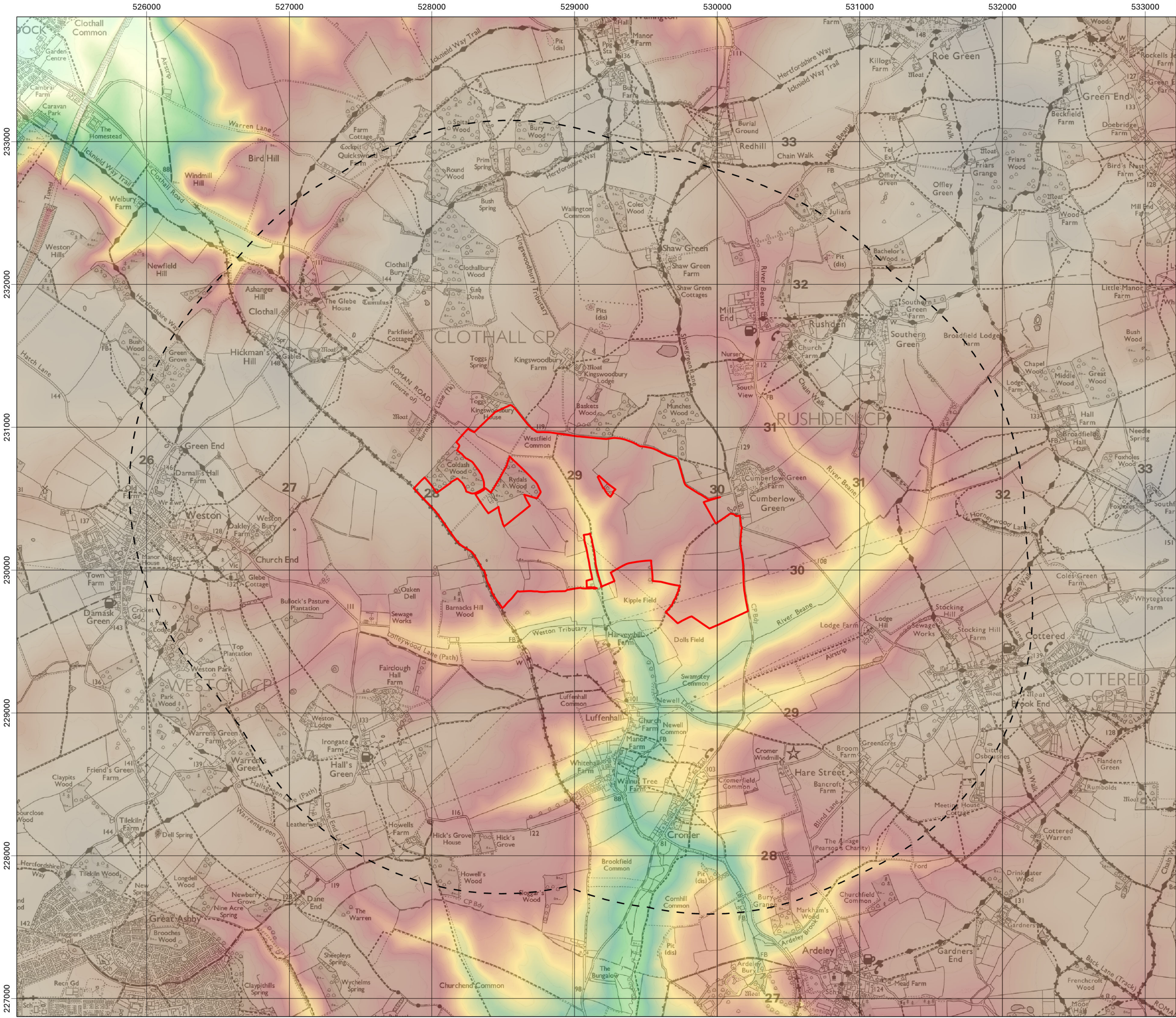


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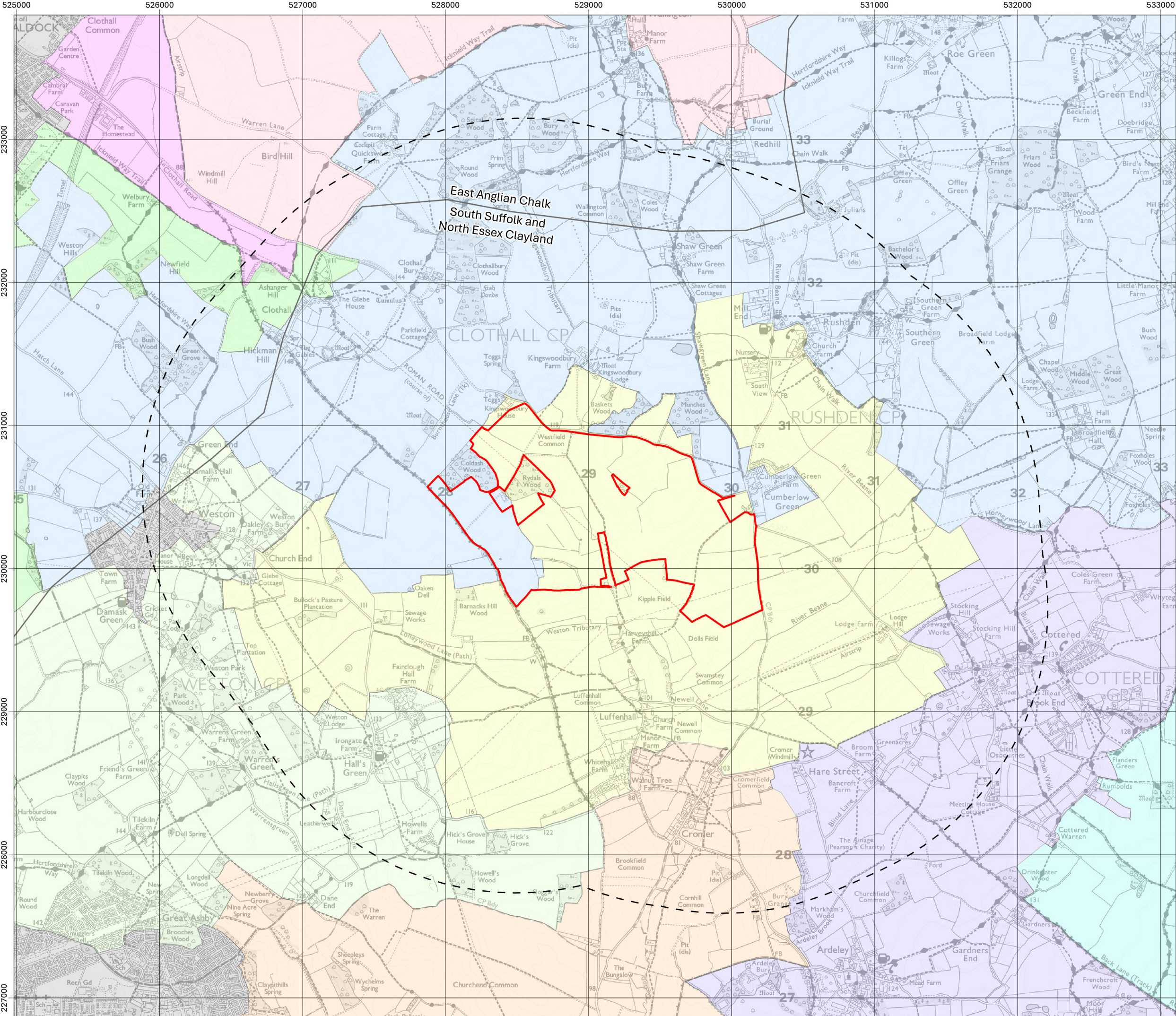
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Figure 3 Landform

Legend:

- Site Boundary
- 2km Study Area
- Digital Terrain Model (mAO)
 - 150 m
 - 65 m

Data: Environment Agency, 2025; Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673

Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0013
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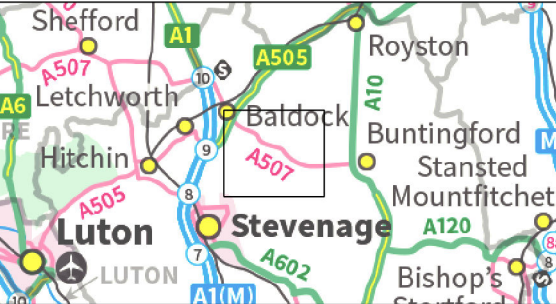
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Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 4 Landscape Character Areas

- Legend:
- Site Boundary
 - 2km Study Area
 - National Character Areas
- Landscape Character Areas (Hertfordshire County Council, 2009)**
- Ardeley / Cottedred Settle
 - Baldock Gap
 - Beane Valley
 - Cherry Green Arable Plateau
 - North Baldock Chalk Uplands
 - Upper Beane Valley Tributaries
 - Wallington Scarp Slopes
 - Weston - Green End Plateau
 - Weston Plateau Parklands
 - No LCA

Data: Natural England, 2025; Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0004

Coordinate system: British National Grid

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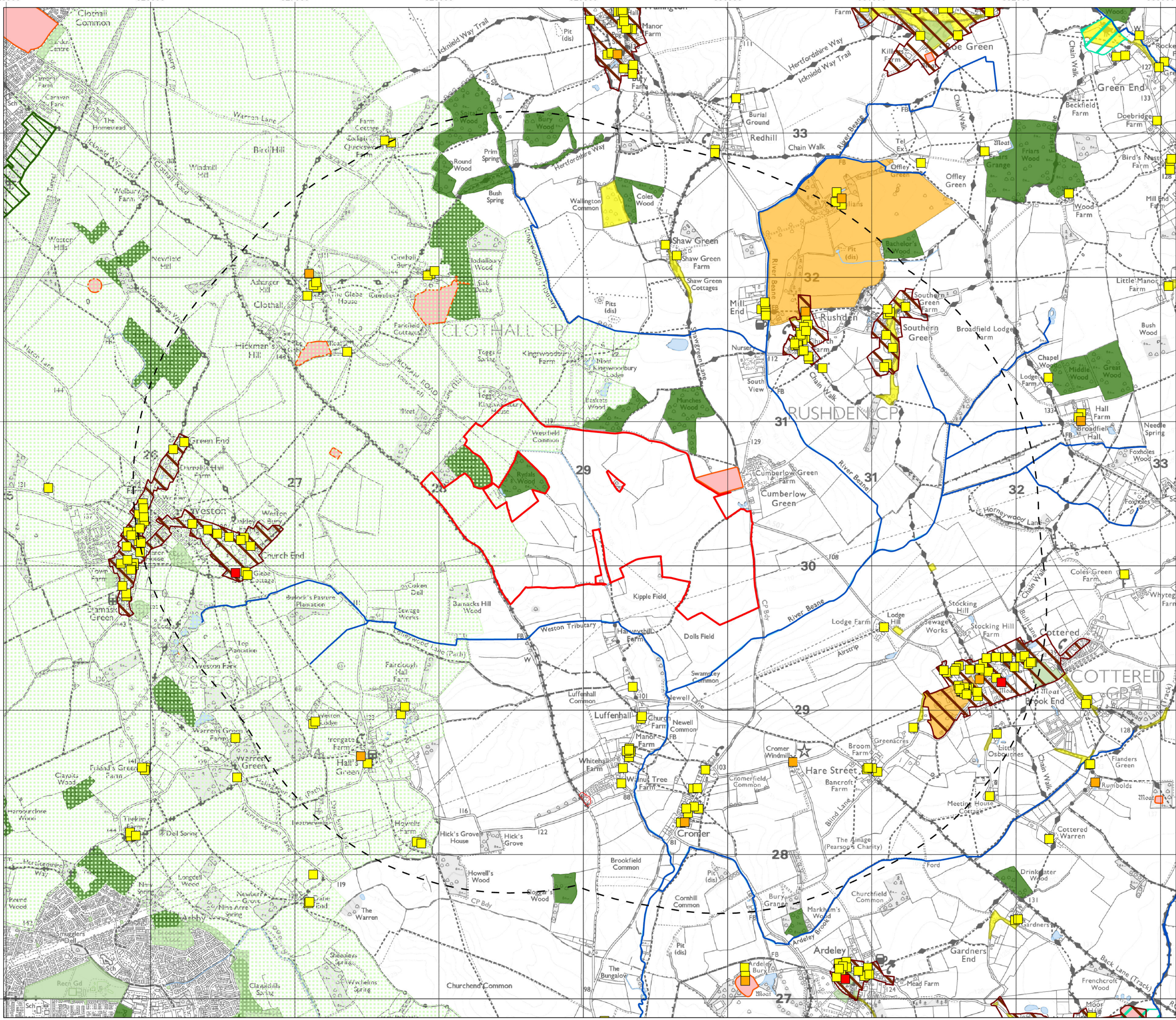
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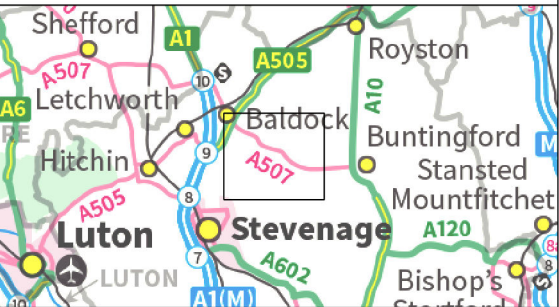
Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 5 Landscape Receptors

Legend:

- Site Boundary
- 2km Study Area
- Listed Buildings
 - I
 - II*
 - II
- Conservation Area
- Scheduled Monument
- Registered Parks and Gardens
- Ancient Woodland
- Sites of Special Scientific Interest (SSSI)
- Local Nature Reserves (LNR)
- Greenspace
- CRoW Common Land
- Green Belt
- Historic Landfill Site
- Statutory Main Rivers
- Watercourse
- Water Body

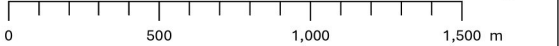
Data: Historic England, 2025; Environment Agency, 2025; Natural England, 2025; Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0005

Coordinate system: British National Grid

Scale: 1:25,000 @ A3



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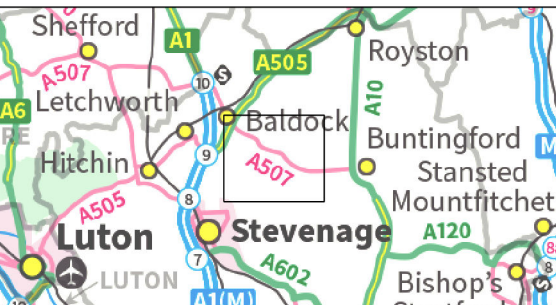
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Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 6 Visual Receptors

Legend:

- Site Boundary
- 2km Study Area
- Public Right of Way (PRoW)
 - Footpath
 - Bridleway
 - Restricted Byway
 - BOAT
- National Grid 400kV Overhead Line
- National Grid Gas Pipeline
- Statutory Main River
- Watercourse
- Water Body

Data: Historic England, 2025; Environment Agency, 2025; Natural England, 2025; Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673

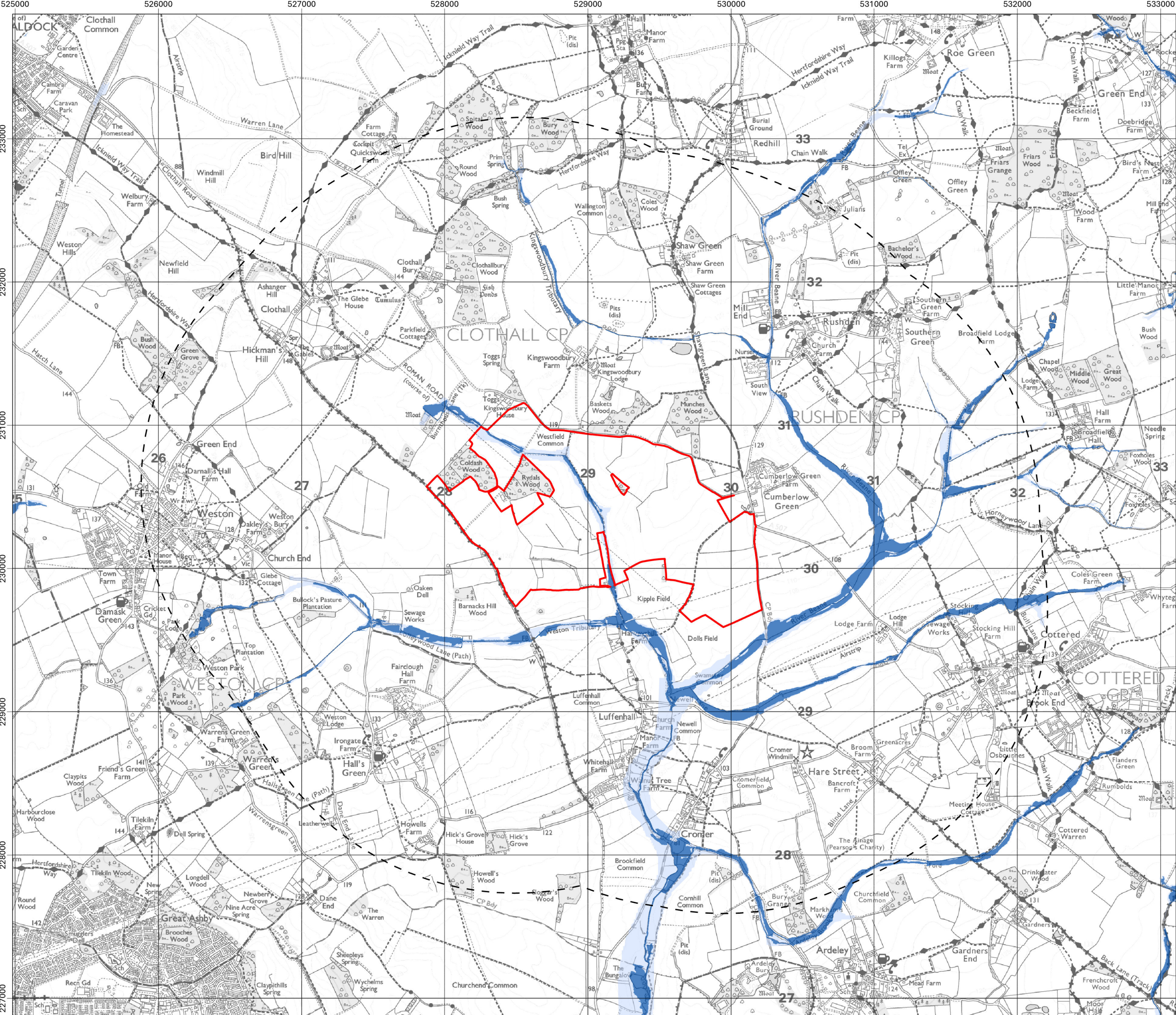


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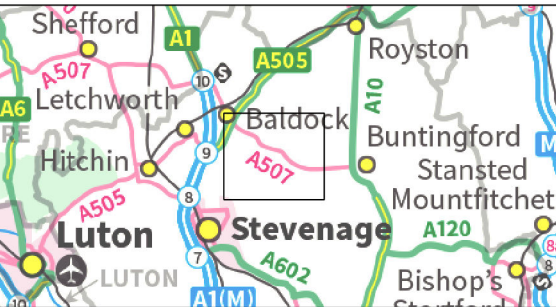
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Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 7 Flood Risk

- Legend:
- Site Boundary
 - 2km Study Area
 - Flood Zone 3
 - Flood Zone 2

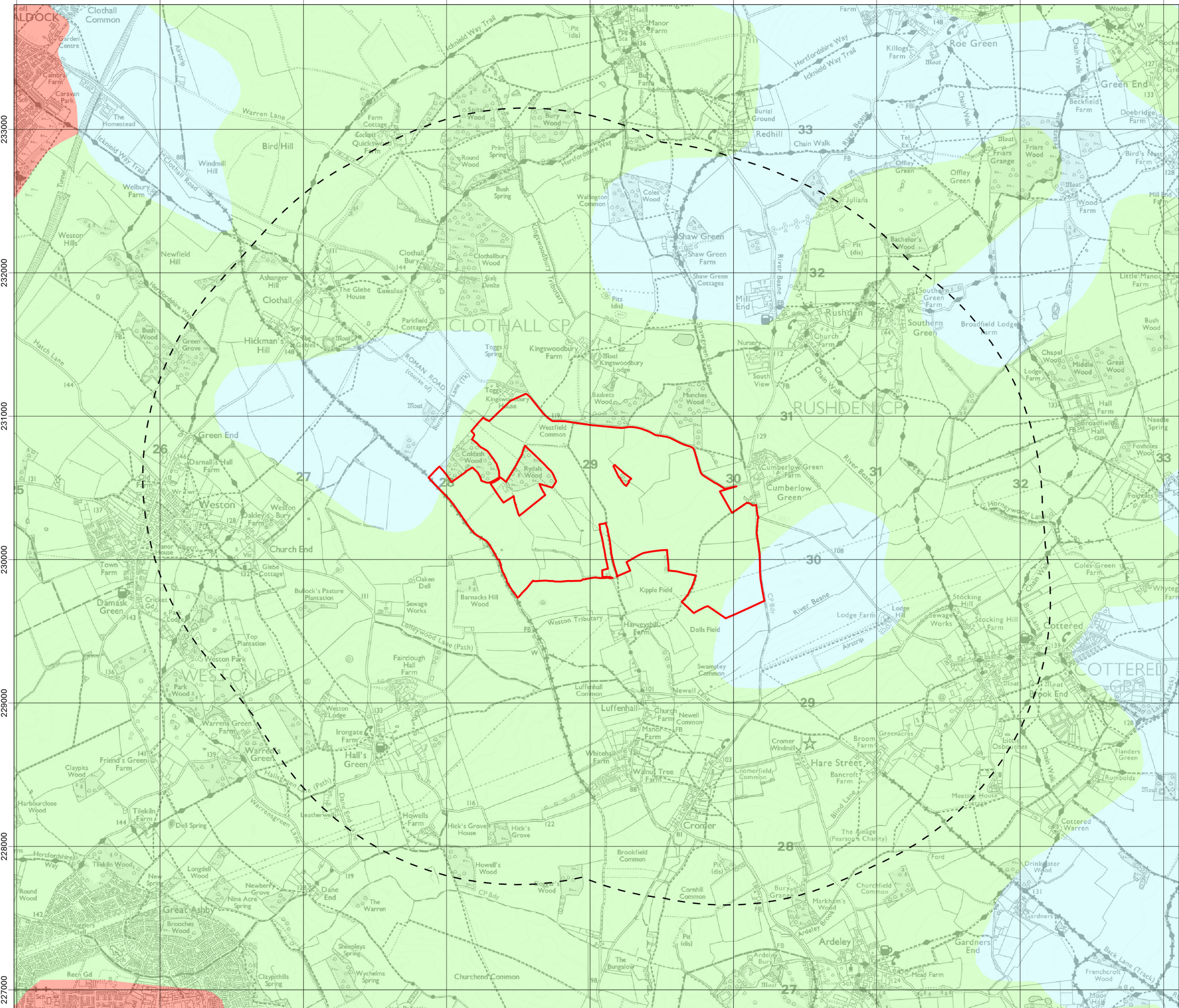
Data: Environment Agency, 2025; Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0007
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Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 8 Agricultural Land Classification (ALC)

Legend:

- Site Boundary
- 2km Study Area

Provisional Agricultural Land Classification (ALC)

- Grade 2
- Grade 3
- Urban

Data: ADAS and Defra, 2025; Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



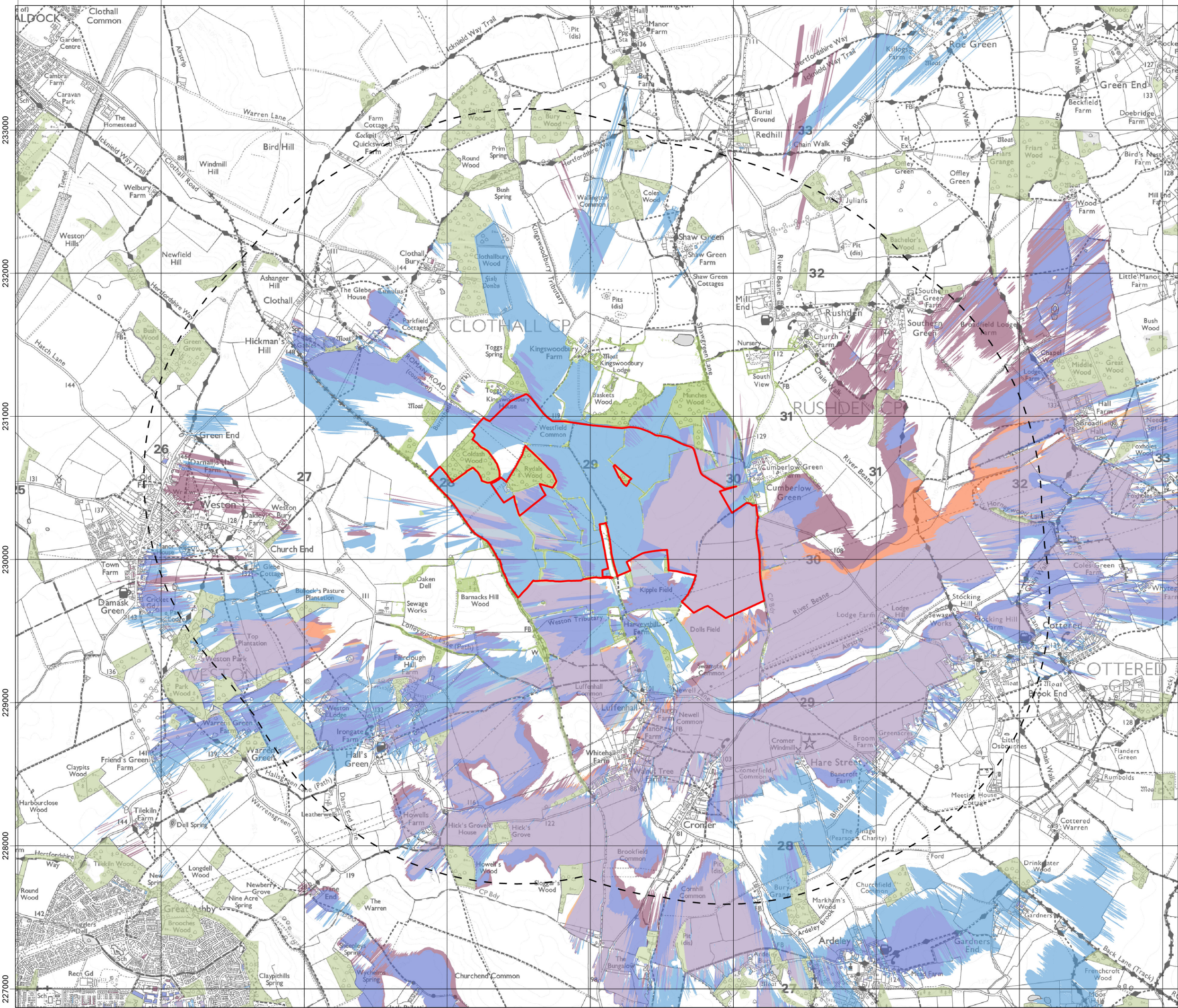
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Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 9 Augmented
Zone of Theoretical Visibility (ZTV)

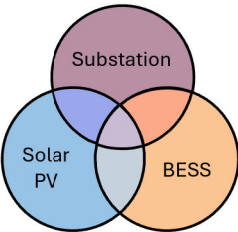
Legend:

- Site Boundary
- 2km Study Area

Vegetation

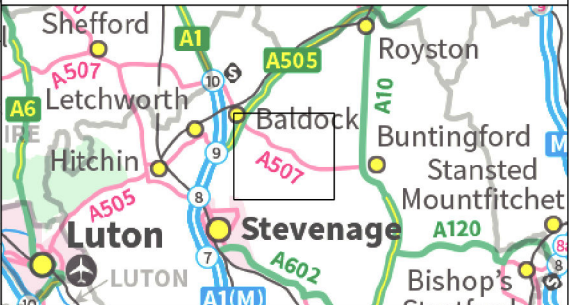
- Bluesky's National Tree Map
- Forestry Commission's National Forest Inventory

Augmented ZTV



Notes
1) Zone of theoretical visibility (ZTV) has been generated using Bluesky's National Tree Map dataset and the Environment Agency's 2m DSM (2022) which takes account of screening effects such as vegetation, buildings and other structures
2) The ZTV was based upon the assumption of a flat elevation for the entire development, with the elevation at 3m above ground for Solar PV areas, 3.05m for BESS, and 12.1m for substation, with an observer height of 1.7m

Data: Environment Agency, 2025; Lanpro, 2025
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Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0010

Coordinate system: British National Grid

Scale: 1:25,000 @ A3



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Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 10 Cumulative Development
Augmented Zone of Theoretical Visibility (CZTV)

Legend:

Site Boundary

2km Study Area

Cumulative Developments - Beane Solar

Vegetation

Bluesky's National Tree Map

Forestry Commission's National Forest Inventory

Augmented ZTV

Proposed Site

Cumulative Development

Notes

1) Zone of theoretical visibility (ZTV) has been generated using Bluesky's National Tree Map dataset and the Environment Agency's 2m DSM (2022) which takes account of screening effects such as vegetation, buildings and other structures

2) The ZTV was based upon the assumption of a flat elevation for the entire development, with the elevation at 3m above ground for Solar PV areas, 3.05m for BESS, and 12.1m for substation at the proposed development, and 3m for the cumulative development, with an observer height of 1.7m

Data: Environment Agency, 2025; Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673

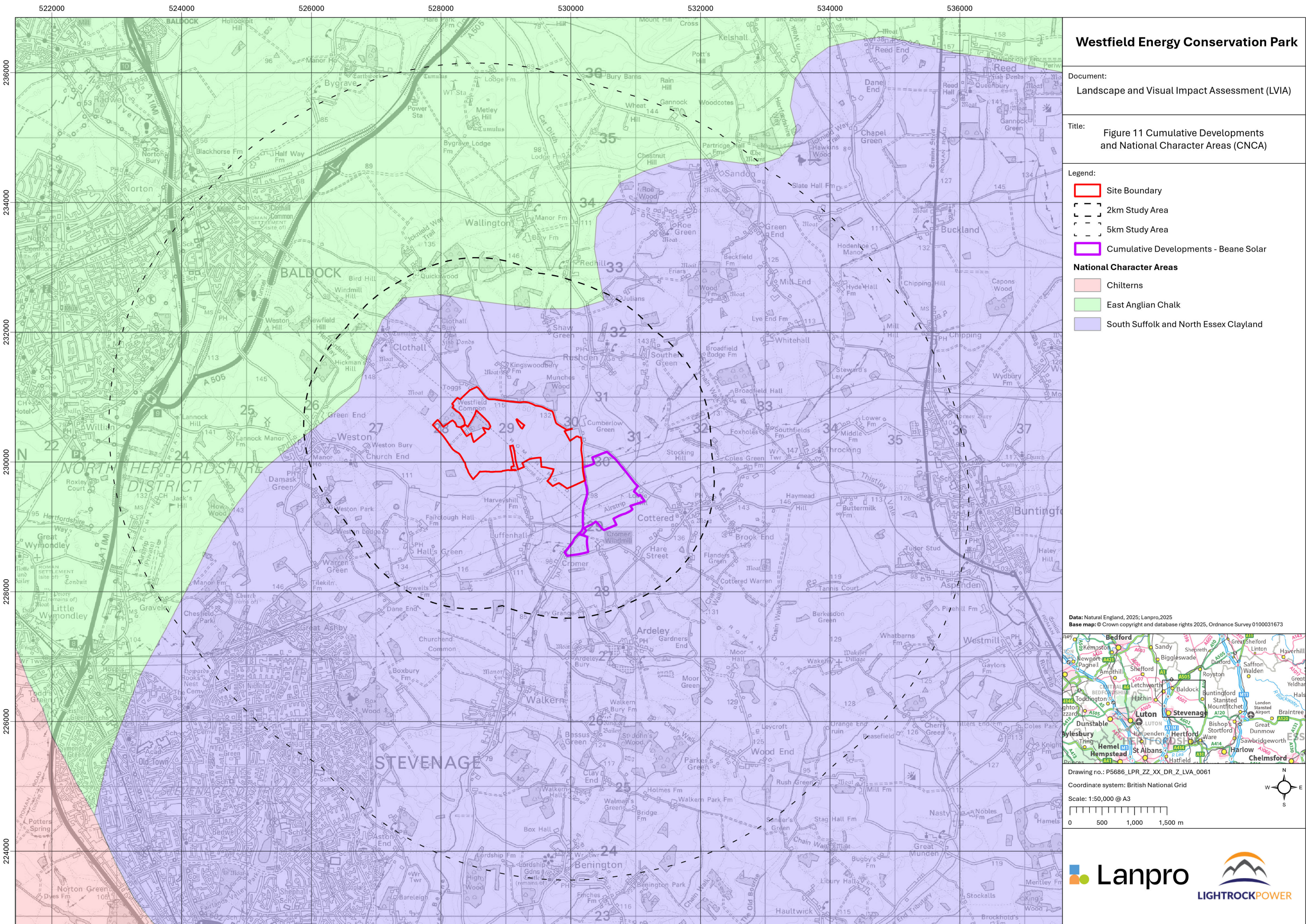


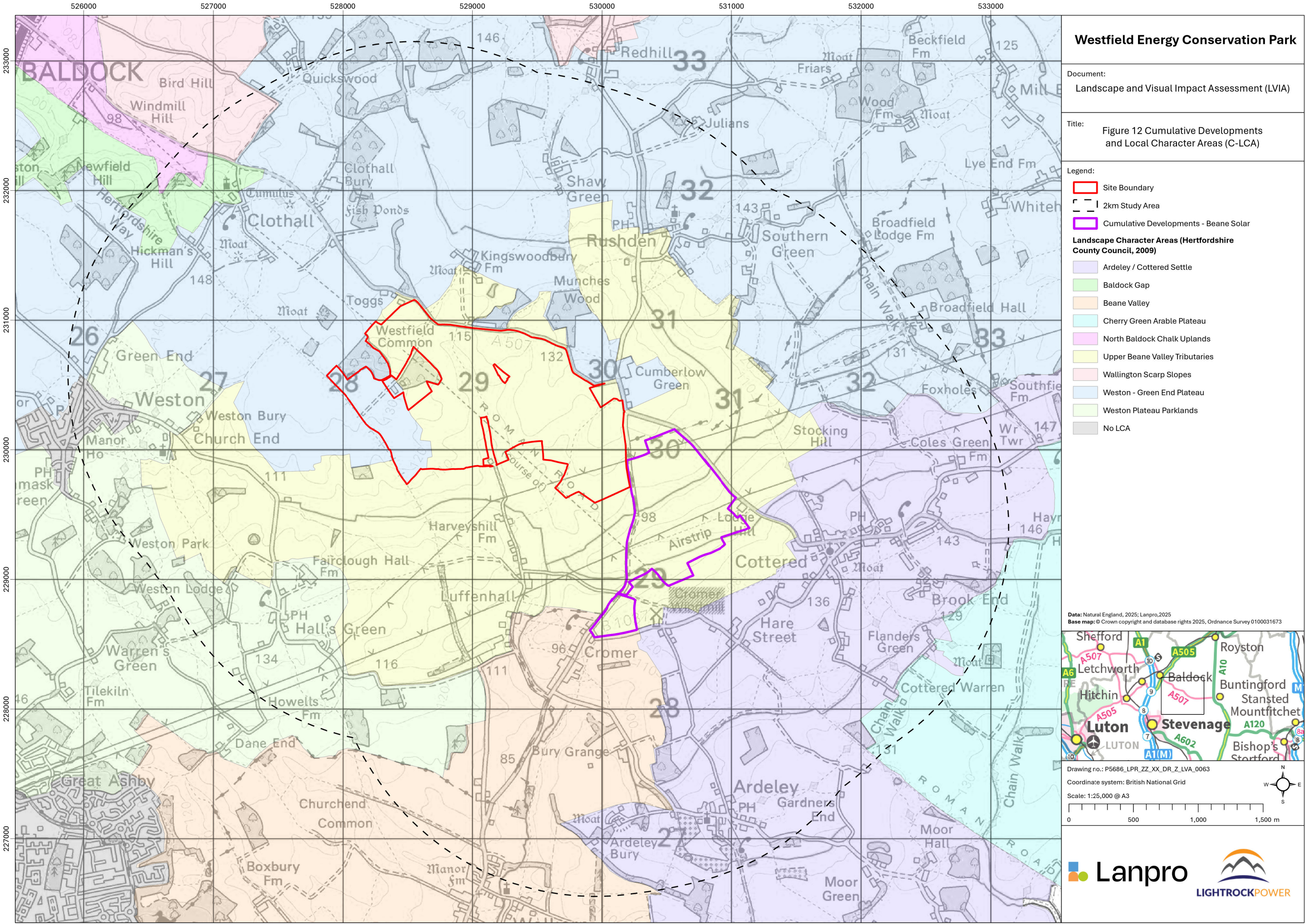
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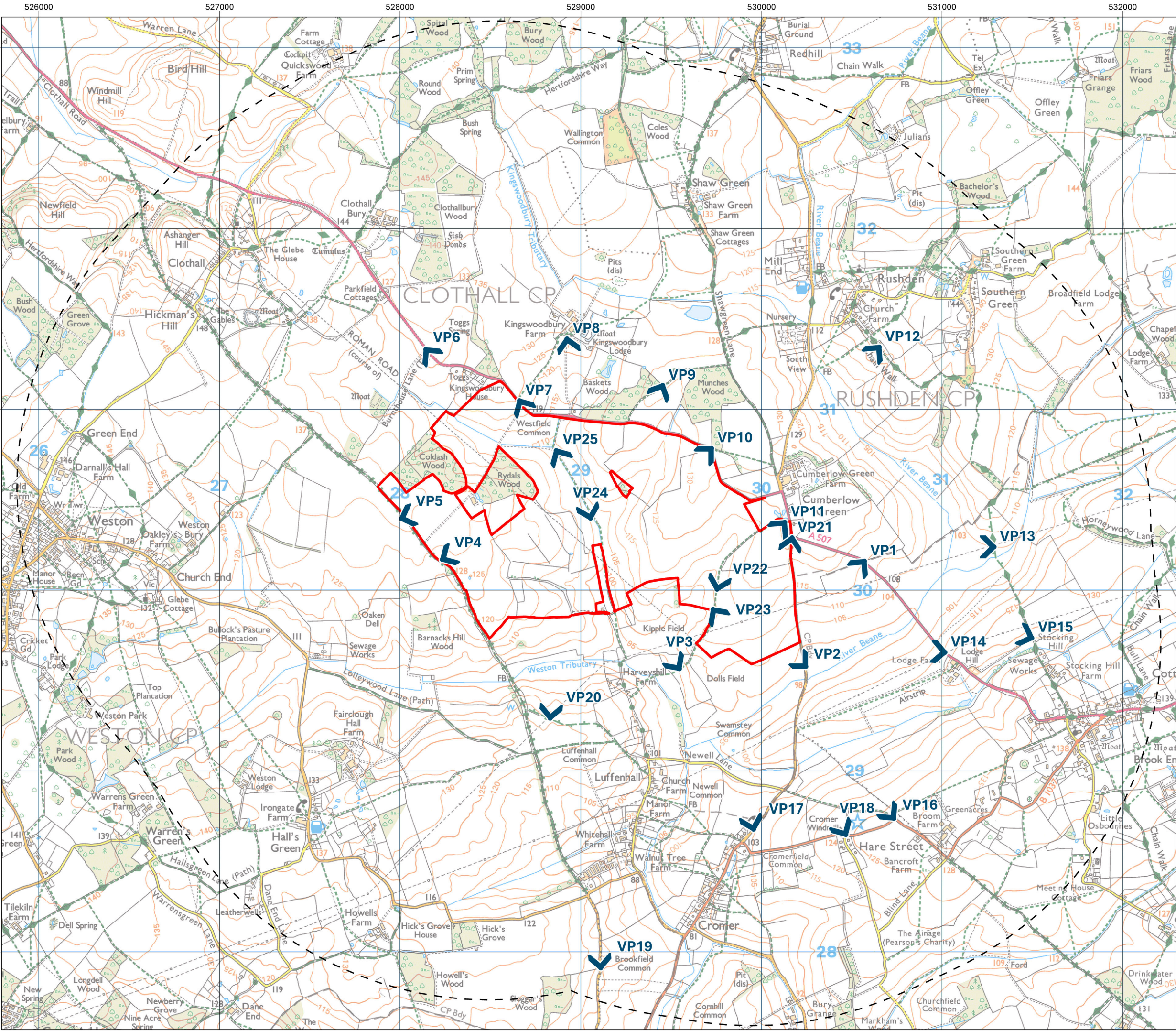
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Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 13.1 Summer Viewpoints

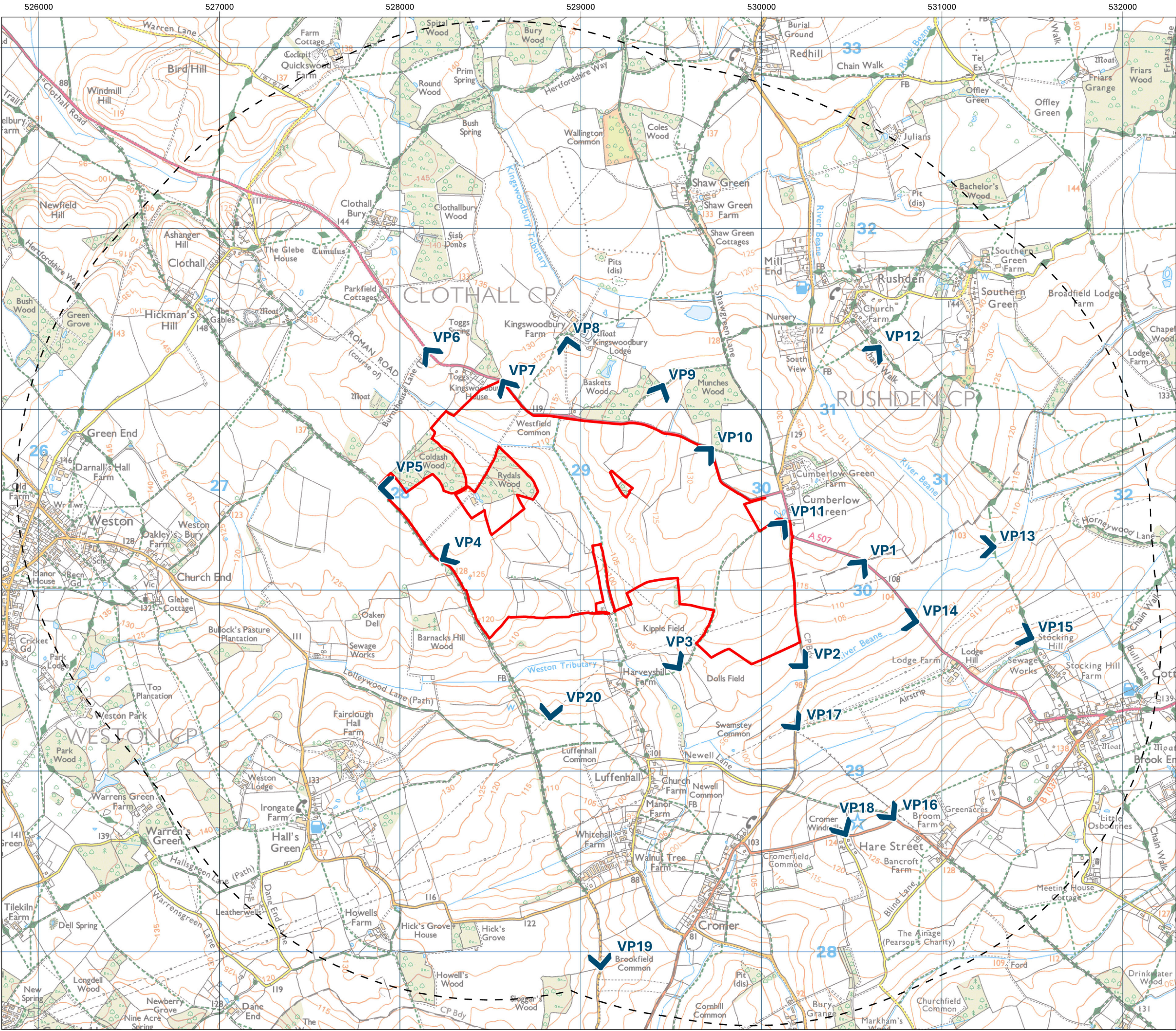
- Legend:
- Site Boundary
 - 2km Study Area
 - Viewpoint

Data: Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0067
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Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 13.2 Winter Viewpoints

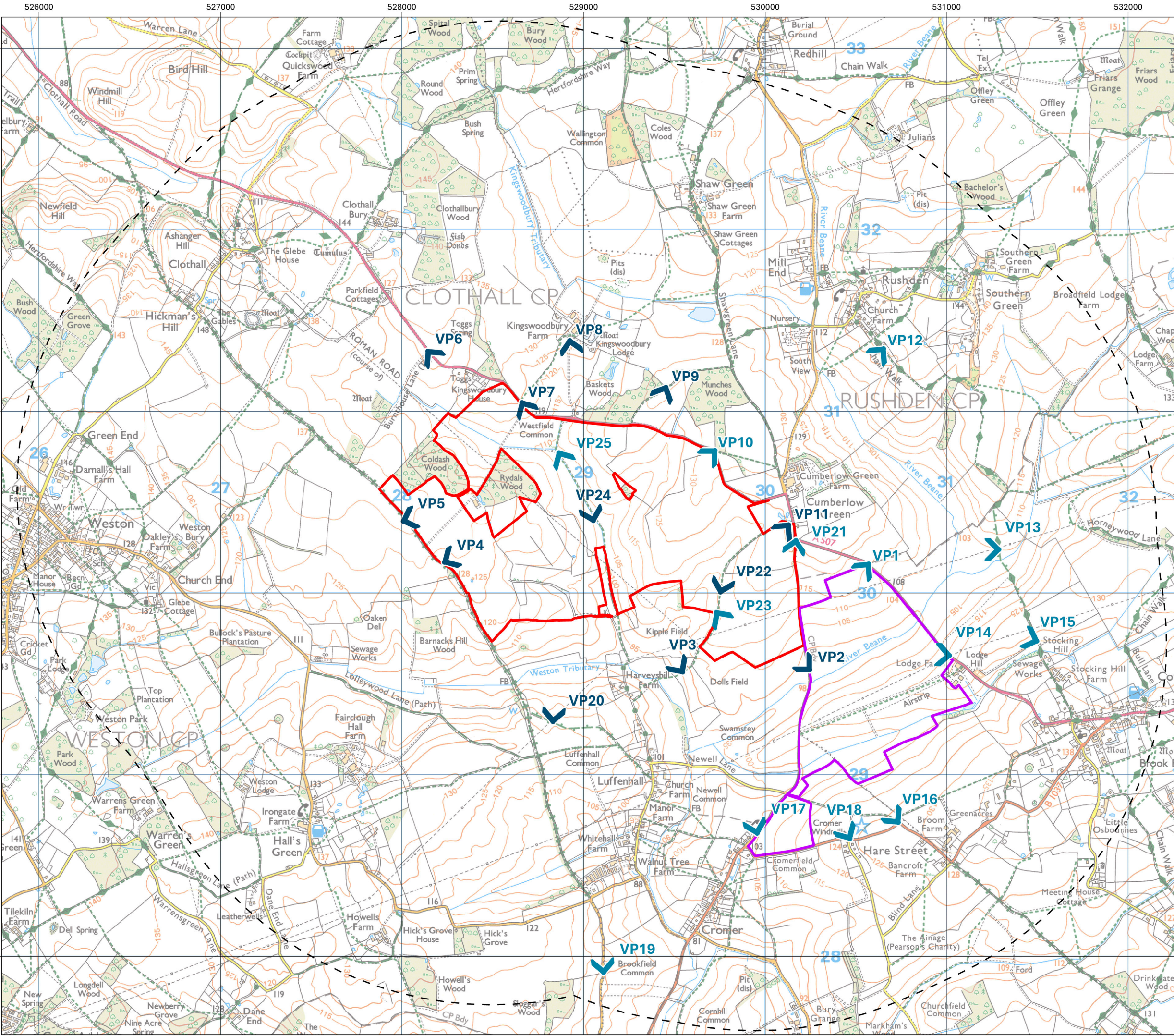
- Legend:
- Site Boundary
 - 2km Study Area
 - Viewpoint

Data: Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0067
Coordinate system: British National Grid
Scale: 1:20,000 @ A3





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Document:
Landscape and Visual Impact Assessment (LVIA)

Title:
Figure 13.3 Cumulative Viewpoints

- Legend:
- Site Boundary
 - 2km Study Area
 - Cumulative Developments - Beane Solar
 - Cumulative Viewpoint
 - Viewpoint

Data: Lanpro, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673



Drawing no.: P5686_LPR_ZZ_XX_DR_Z_LVA_0067
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