

LEGEND

- Site boundary
- Study area (2km)

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PROJECT TITLE
HILFIELD SOLAR FARM AND BATTERY STORAGE

DRAWING TITLE
Figure 1: Site Location

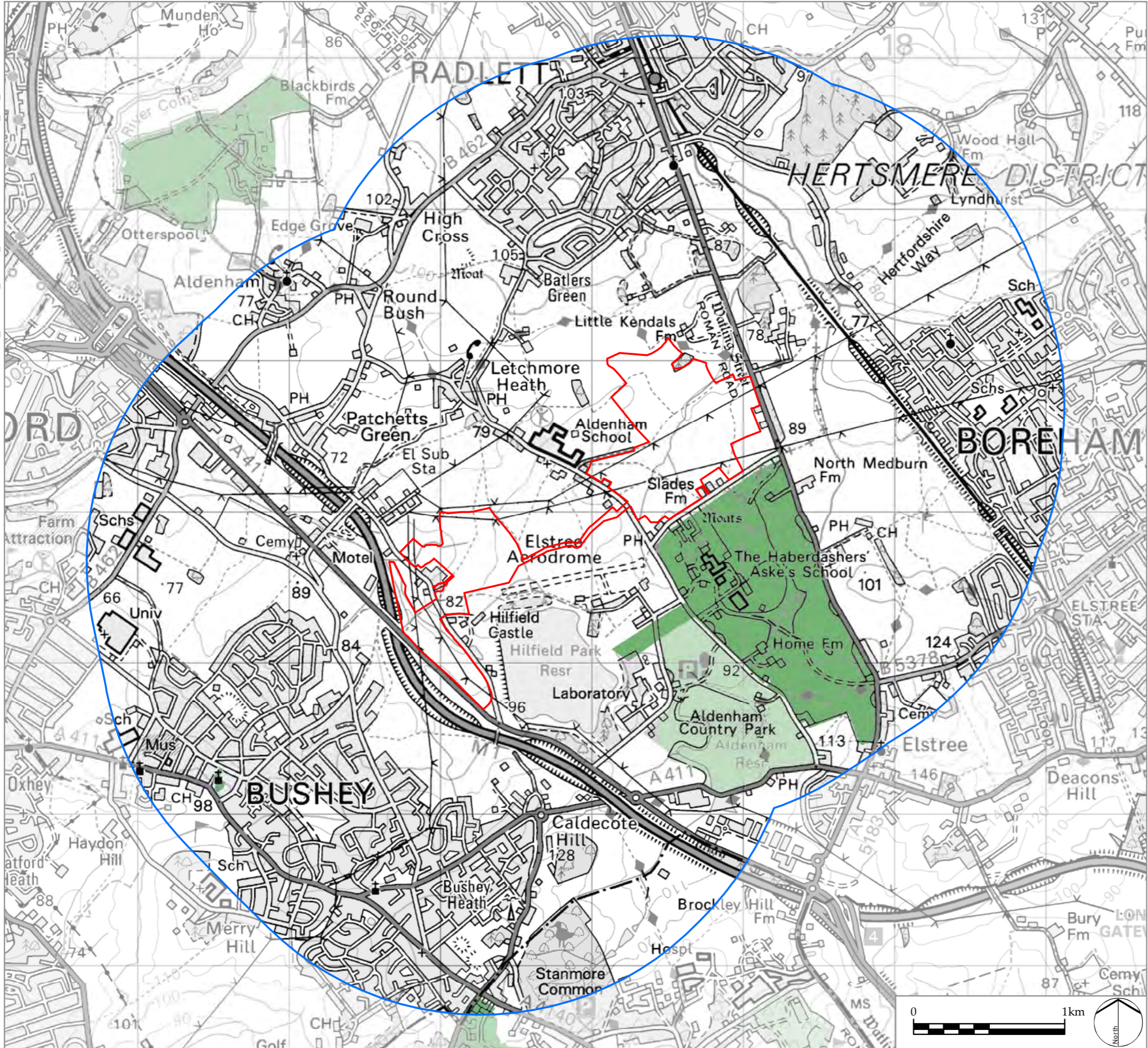
ISSUED BY	Oxford	T: 01865 887050
DATE	Nov 2020	DRAWN SG
SCALE @A3	1:25,000	CHECKED WB
STATUS	Final	APPROVED BC

DWG. NO. 7533_001_B

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 All dimensions are to be checked on site.
 Area measurements for indicative purposes only.

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- Registered Park and Garden
- Country Parks

NOTE: All of study area within Metropolitan Green Belt and Watling Chase Community Forest

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Figure 2: Landscape Policy and Designations

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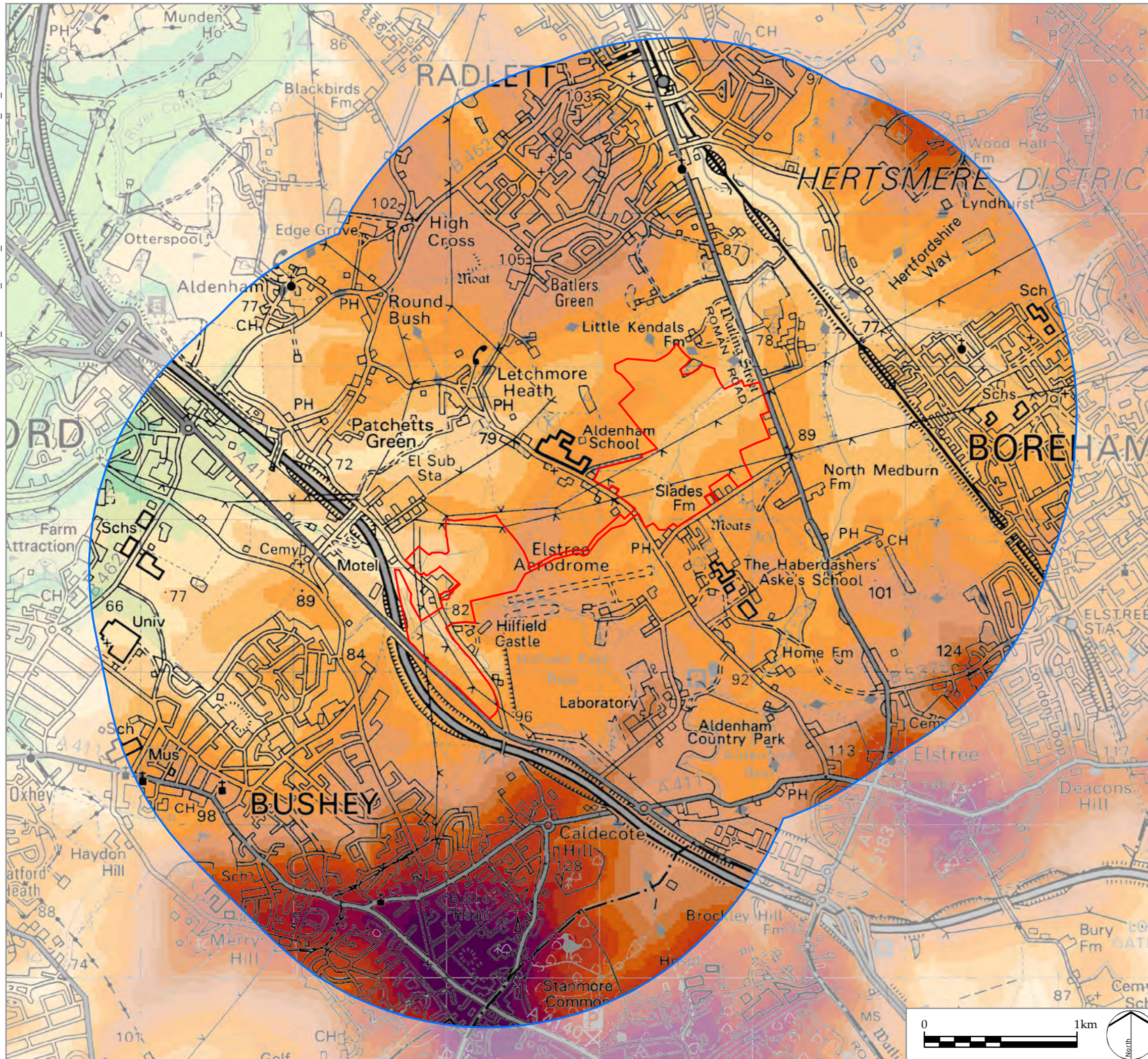
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Sources: Ordnance Survey, Natural England, Historic England

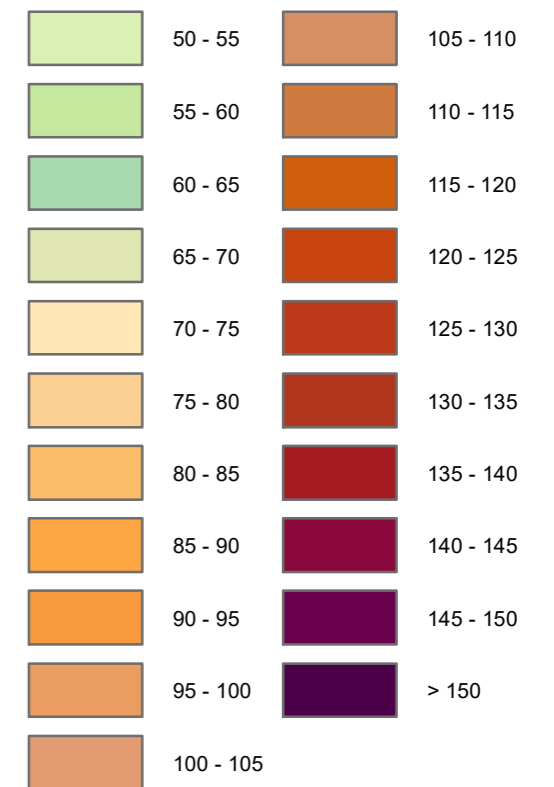




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Elevation (mAOD)



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Figure 3: Topography

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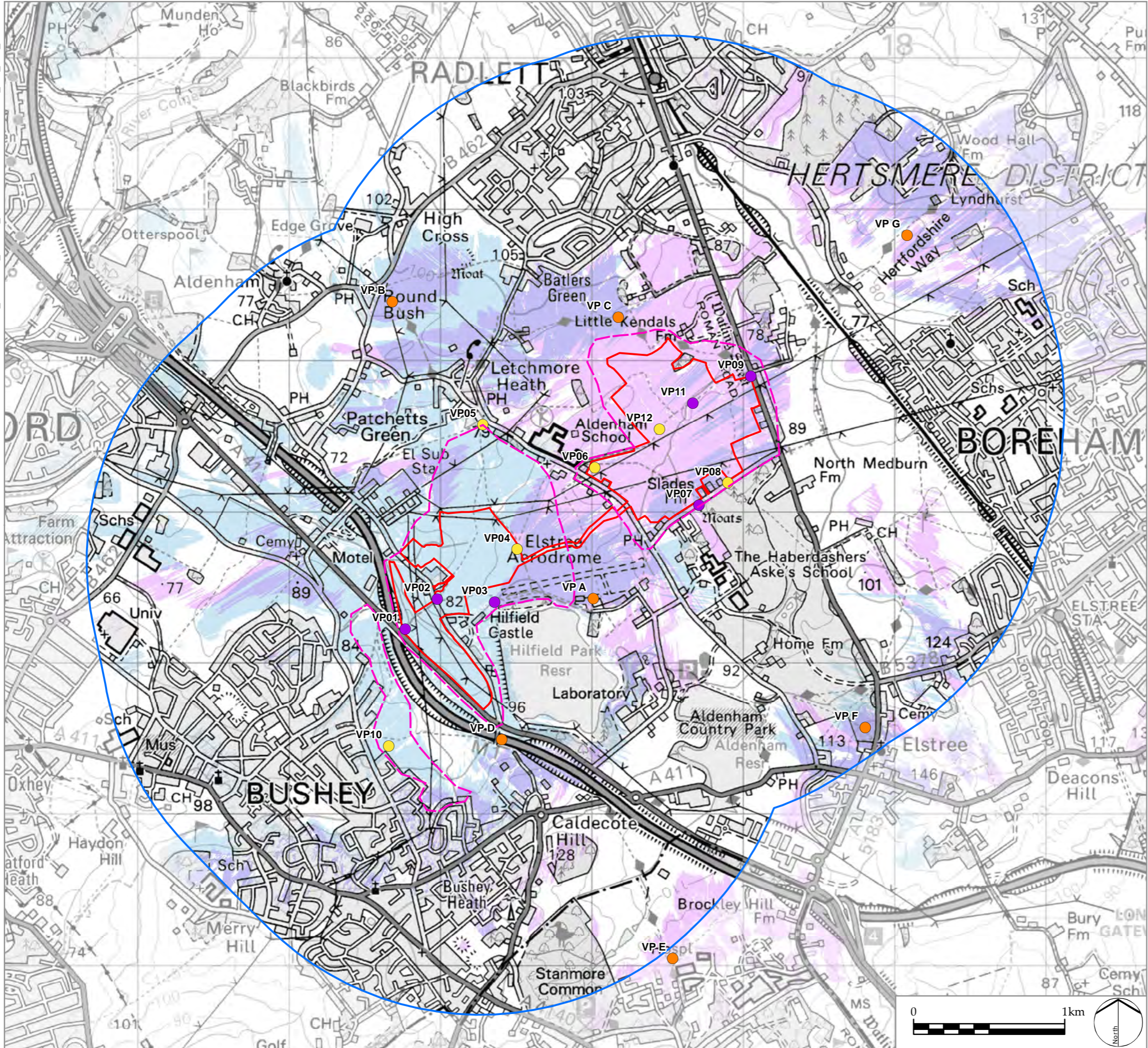
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Sources: Ordnance Survey, Nextmap25

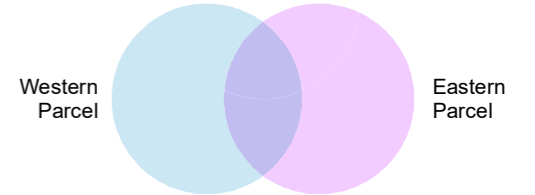




LEGEND

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- Zone of Visual Influence (ZVI) (indicative)
- Representative Viewpoint
- Representative Photomontage
- Illustrative Viewpoint

Zone of Theoretical Visibility (ZTV) (computer generated) - based on panel height of 3.0m



This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LiDAR terrain data with a 2m² resolution.

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Figure 4: Zone of Theoretical Visibility (ZTV), Visual Influence (ZVI) and Viewpoint Locations

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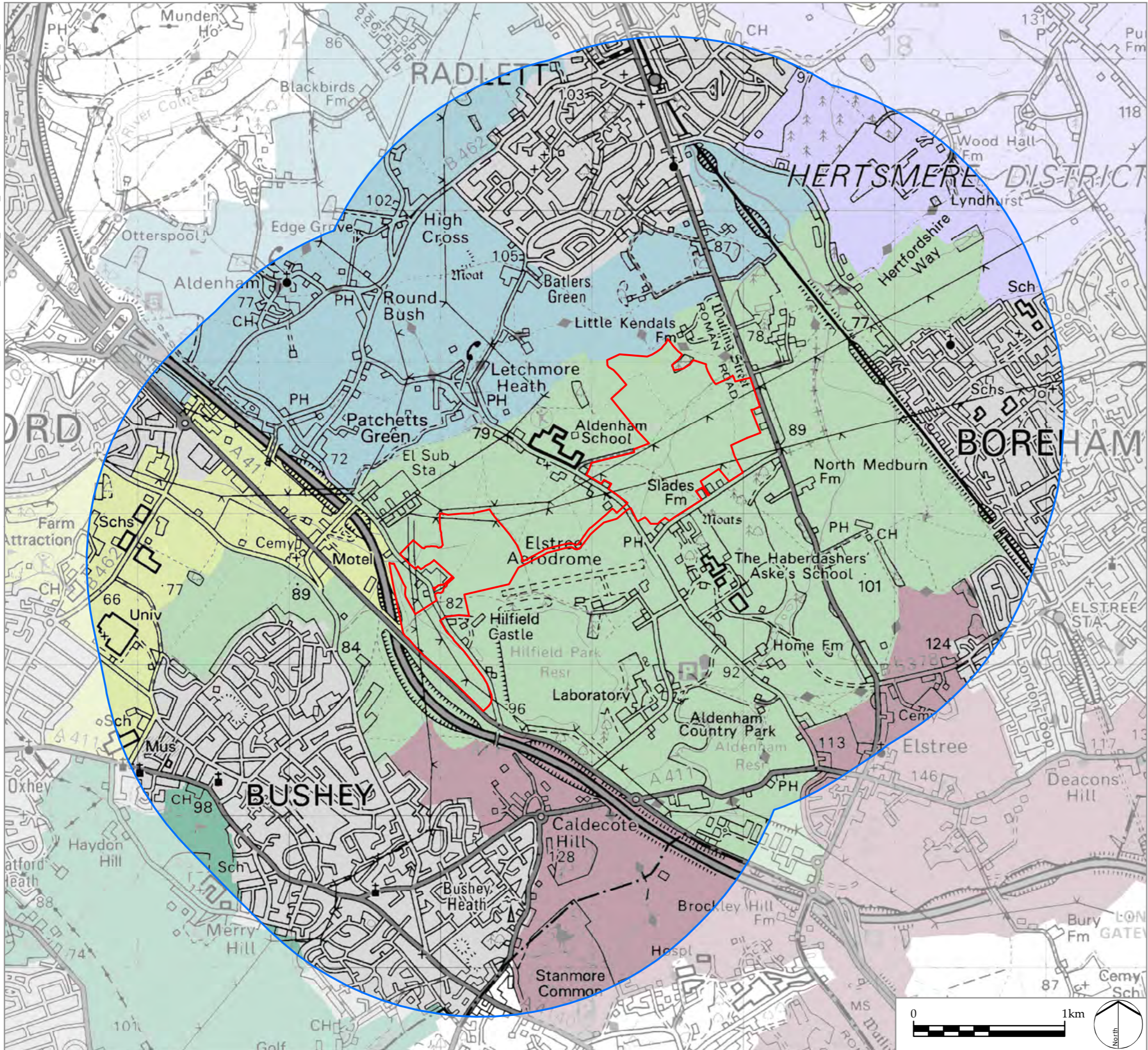
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Sources: Ordnance Survey



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LEGEND

- Site boundary
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- Landscape Character Areas**
- Aldenham Plateau
- Borehamwood Plateau
- Bushey Hill Pastures
- Bushey Swards
- Elstree Ridge and Slopes
- High Canons Valleys and Ridges
- Urban

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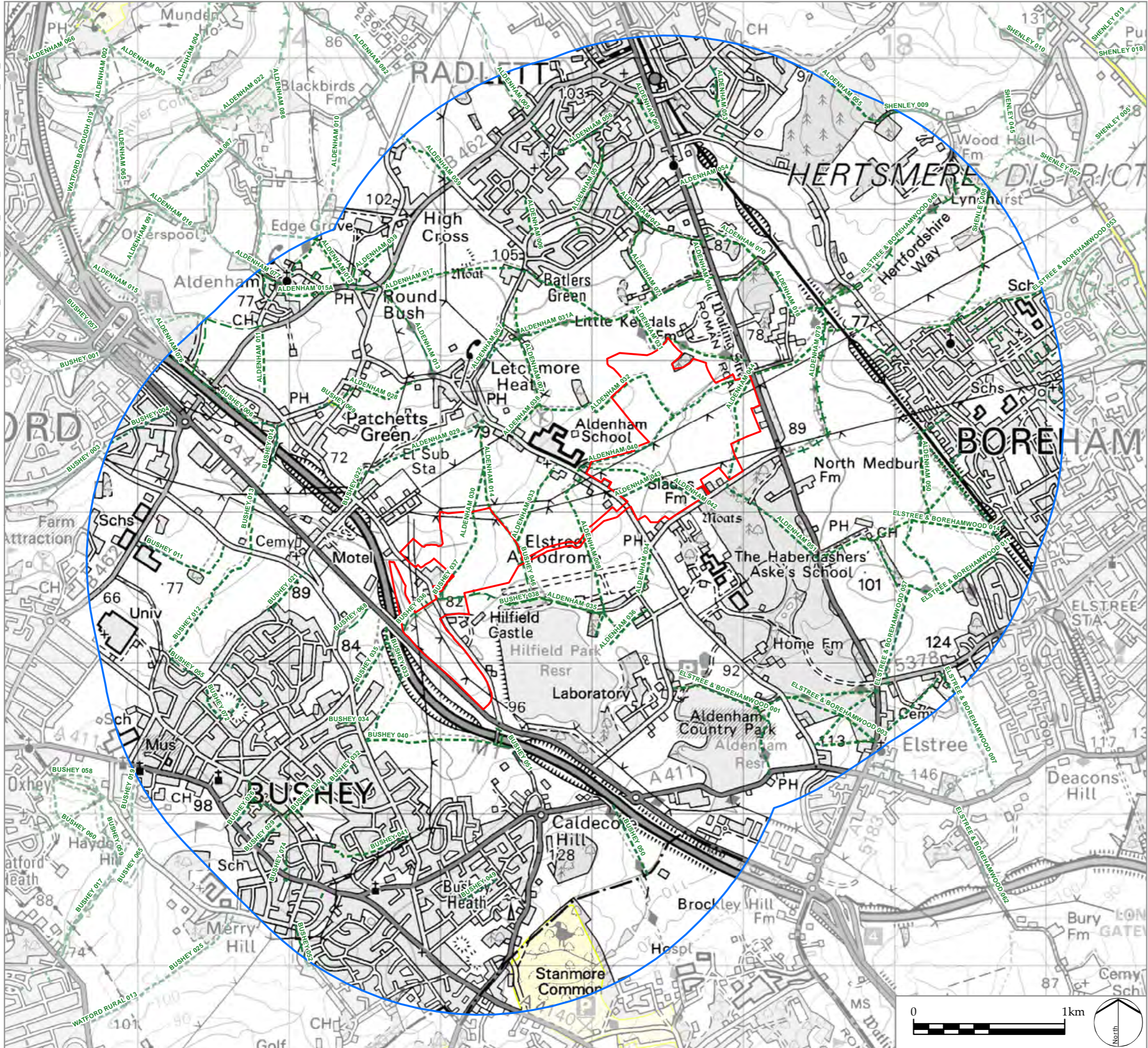
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Figure 5: Landscape Character Assessment

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 Sources: Ordnance Survey, Hertfordshire County Council





LEGEND

- Site boundary
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- CRoW Open Access Land
- Bridleway
- Byway
- Footpath
- Restricted Byway

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Figure 6: Accessible Landscapes and Public Rights of Way

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Sources: Ordnance Survey, Natural England

