

X:\JOBS\7533_ELSTREE_SOLAR_FARM\GIS\PROJECTS\7533_001_SITE_LOCATION.MXD



LEGEND

Site boundary

Study area (2km)

L D A DESIGN

PROJECT TITLE
HILFIELD SOLAR FARM AND
BATTERY STORAGE

DRAWING TITLE
Figure 1: Site Location

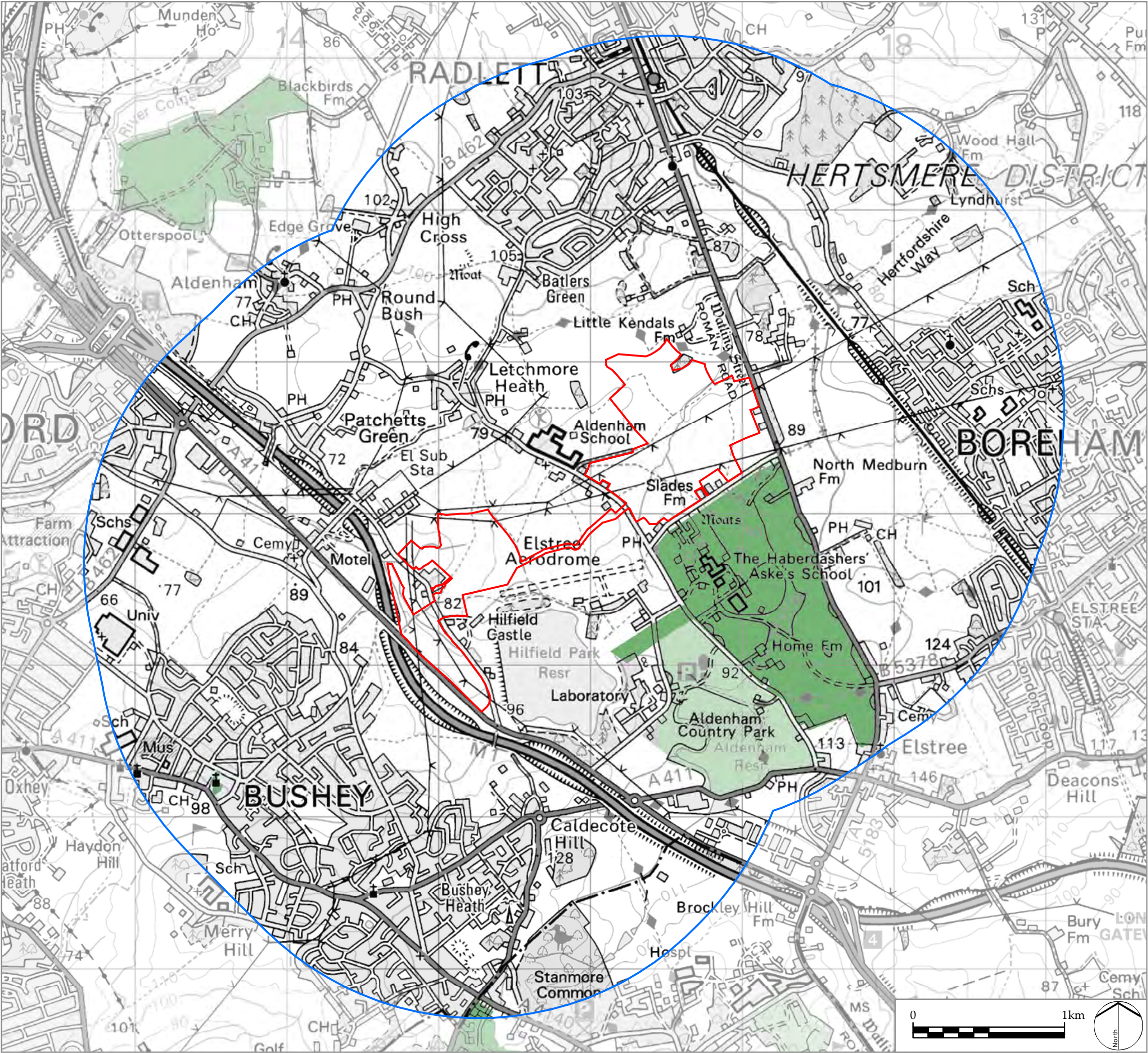
ISSUED BY	Oxford	T: 01865 887050	
DATE	Nov 2020	DRAWN	SG
SCALE @A3	1:25,000	CHECKED	WB
STATUS	Final	APPROVED	BC

DWG. NO. 7533_001_B

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.

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X:\JOBS\7533_ELSTREE_SOLAR_FARM\GIS\PROJECTS\7533_002_DESIGNATIONS.MXD



LEGEND

Site boundary

Study area (2km)

Registered Park and Garden

Country Parks

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

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HILFIELD SOLAR FARM AND
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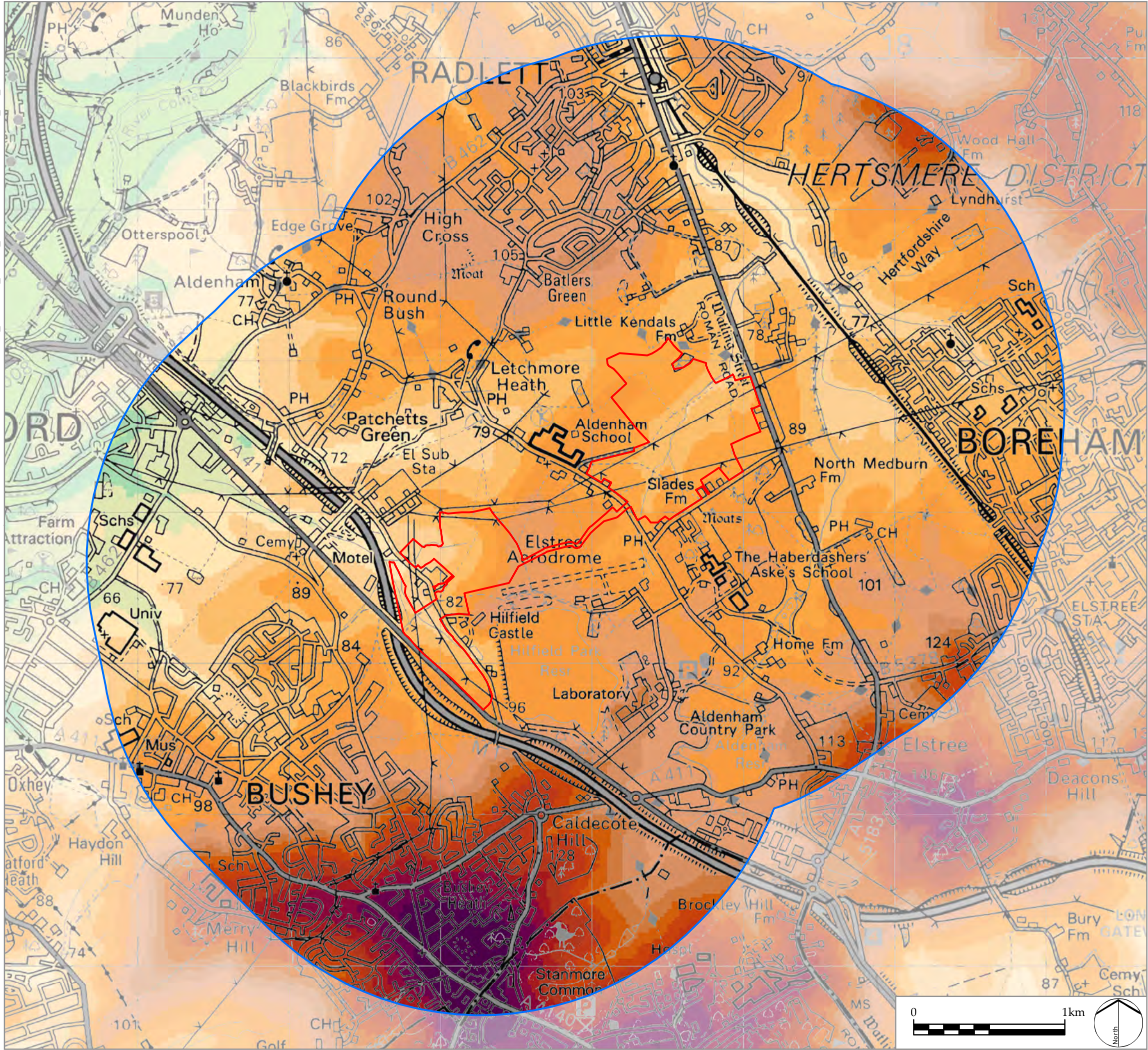
DRAWING TITLE
Figure 2: Landscape Policy and Designations

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Sources: Ordnance Survey, Natural England, Historic England

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LEGEND

Site boundary

Study area (2km)

Elevation (mAOD)

50 - 55	105 - 110
55 - 60	110 - 115
60 - 65	115 - 120
65 - 70	120 - 125
70 - 75	125 - 130
75 - 80	130 - 135
80 - 85	135 - 140
85 - 90	140 - 145
90 - 95	145 - 150
95 - 100	> 150
100 - 105	

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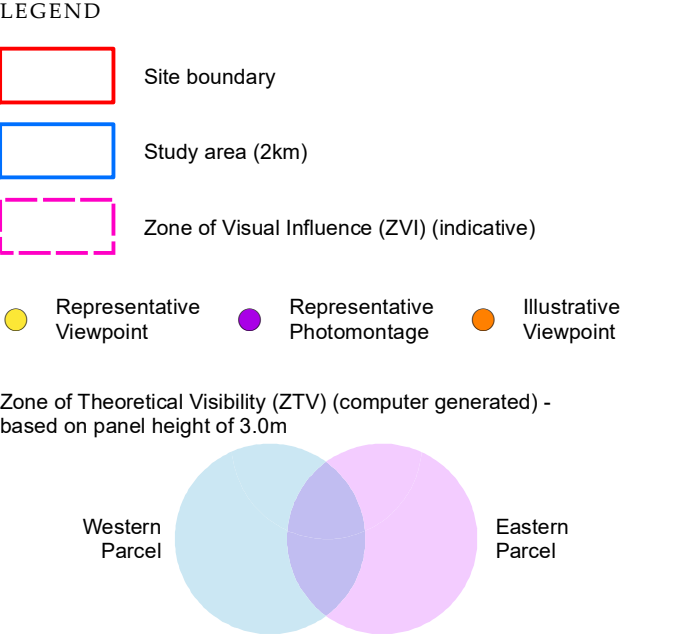
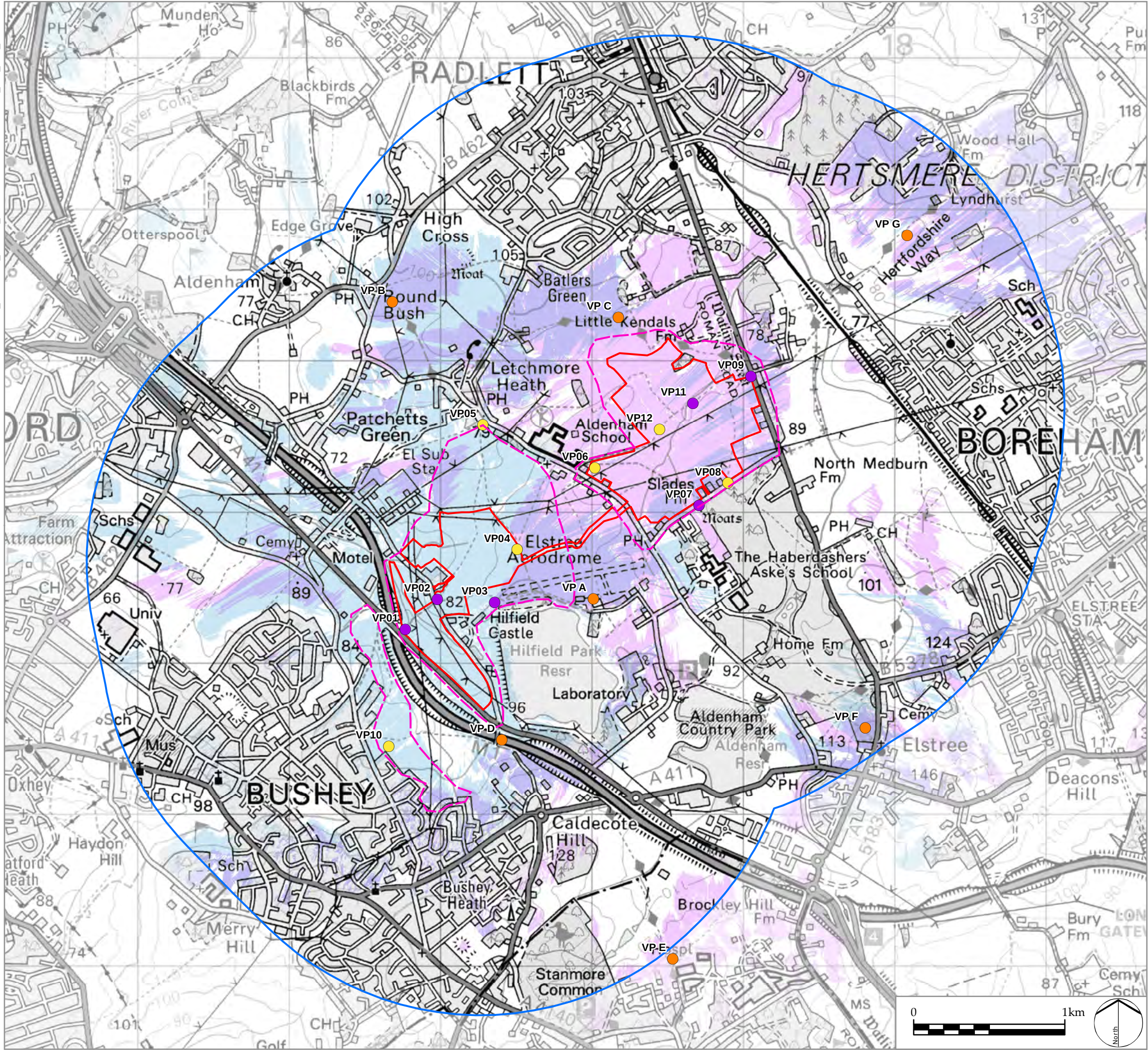
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Figure 3: Topography

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Sources: Ordnance Survey, Nextmap25

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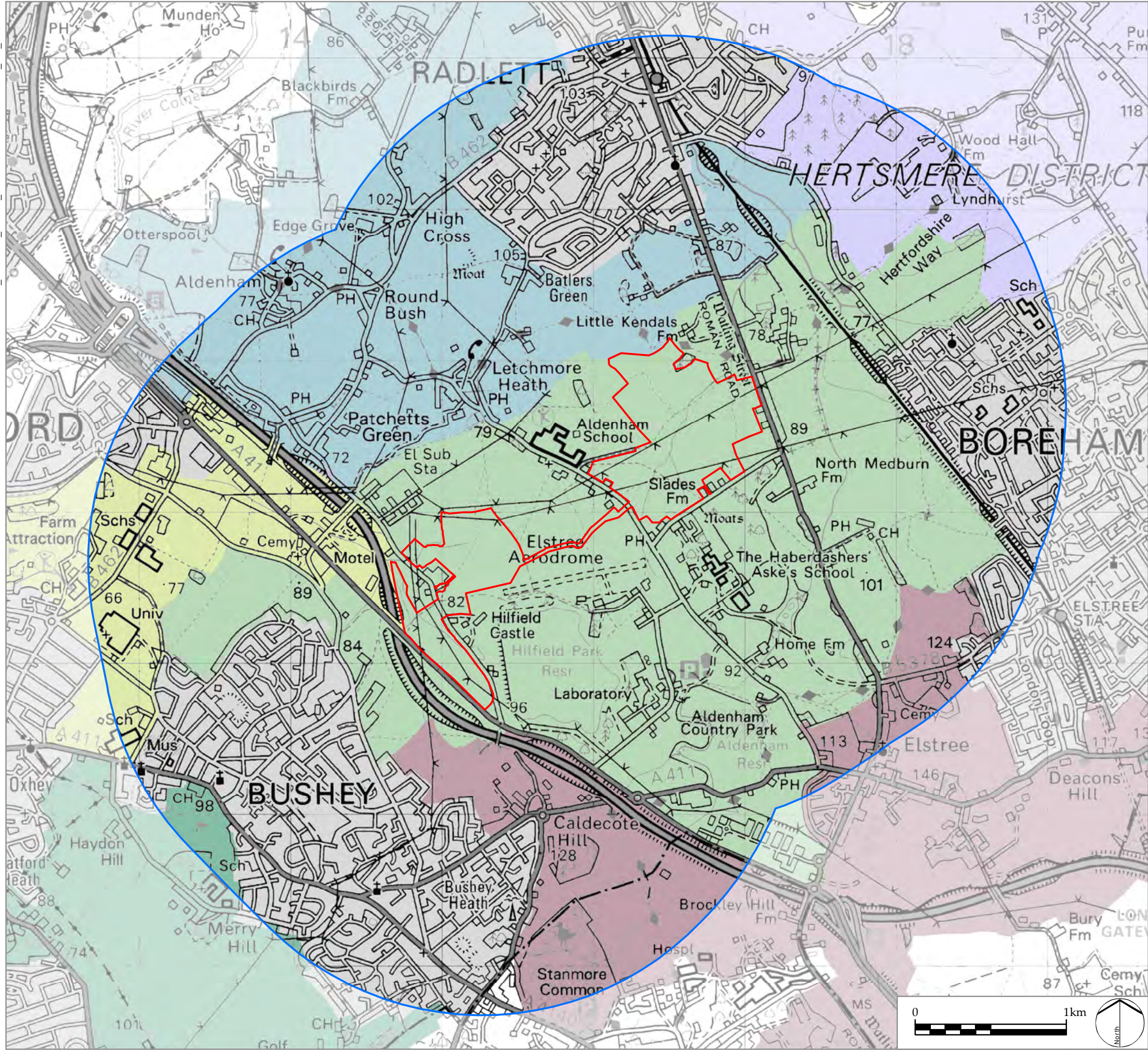
DRAWING TITLE
Figure 4: Zone of Theoretical Visibility (ZTV), Visual Influence (ZVI) and Viewpoint Locations

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Sources: Ordnance Survey

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Site boundary

Study area (2km)

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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Figure 5: Landscape Character Assessment

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Sources: Ordnance Survey, Hertfordshire County Council



	Site boundary
	Study area (2km)
	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