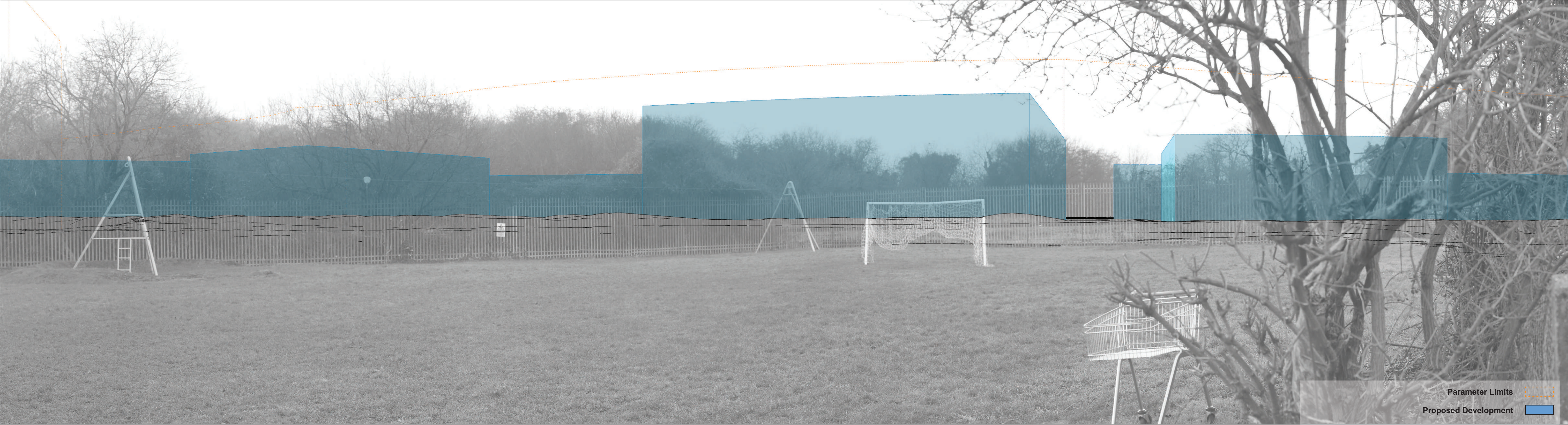




Date January 2025	By EF		Notes: 1) This visualisation is a cylindrical projection panorama. It provides landscape and visual context only. 2) This data has been output directly from the wireline model. It ignores screening effects of woodlands and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000. Contains Ordnance Survey data © Crown copyright and database right 2025	Viewpoint Information: Grid Reference: 446142E 117823N Ground Height: 13.2m AOD Direction of Centre of View: ³ 179.9° Horizontal Field of View: 90° Vertical Field of View: 24° Viewing Distance: 522mm	Photography Information: Camera: Canon EOS 5D Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 21/01/2025 Photography Time: 08:46 Enlargement Factor: approx. 96%
Image Size 820 x 222mm	QA yyXy				
Paper Size 840 x 297mm	Rev -				
0940-Photowires					

NAVIGATION QUARTER

APPENDIX 11.6 FIGURE 1

Site Context

KEY

- Site Boundary
- Distance Radii from Site (1, 2, 3km)
- Viewpoint Location
- Existing Waterbodies and Watercourses
- Authority Boundary
- Railway Line
- Road Network
 - Primary Road
 - Secondary Road
 - Tertiary Road
 - Motorway



NAVIGATION QUARTER

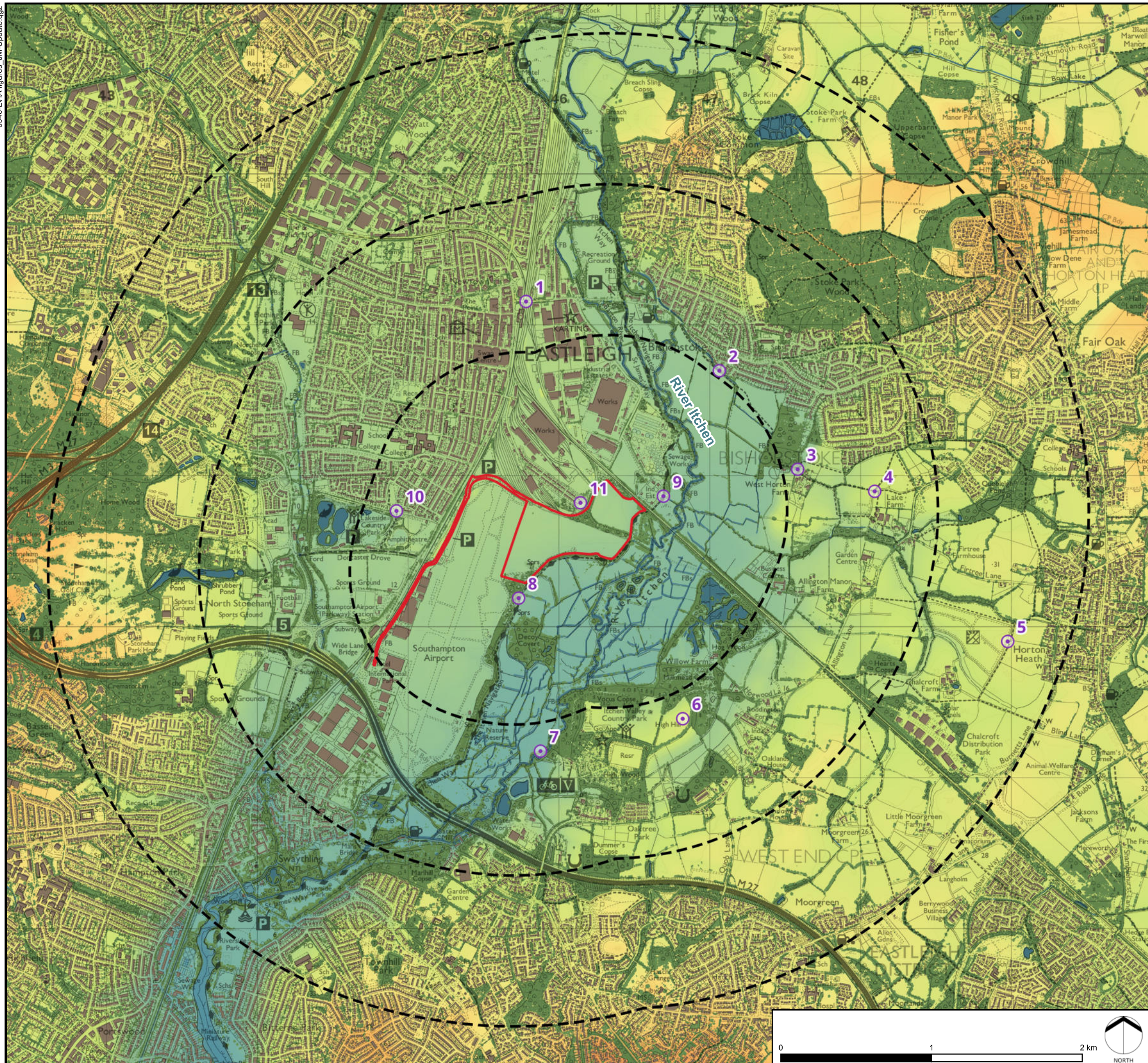
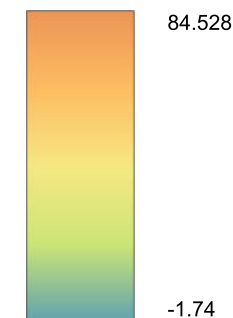
APPENDIX 11.6 FIGURE 2

Topography and Land Cover

KEY

- Site Boundary
- Distance Radii from Site (1, 2, 3km)
- Viewpoint Location
- Existing Vegetation
- Existing Waterbodies and Watercourses

Elevation (m AOD)



Projected Coordinate System: British National Grid

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NAVIGATION QUARTER

APPENDIX 11.6 FIGURE 3

Zone of Theoretical Visibility (ZTV) with
Screening of Woodland and Buildings

KEY

Parameter Boundary

Distance Radii from Site (1, 2, 3km)

Viewpoint Location

Existing Vegetation

Existing Buildings

Country Park

Zone of Theoretical Visibility (ZTV)

Potential Visibility of Proposed Development

100% of development may be visible

Approximately 50% of development may be visible

1% of development may be visible

FIGURE DATA:
This figure has been based on the following data:

Terrain data: Defra Survey Data Download lidar_composite_dtm-2022
Viewer's eye height: 2m above ground level
Calculation grid size: 2m

NOTES:
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.

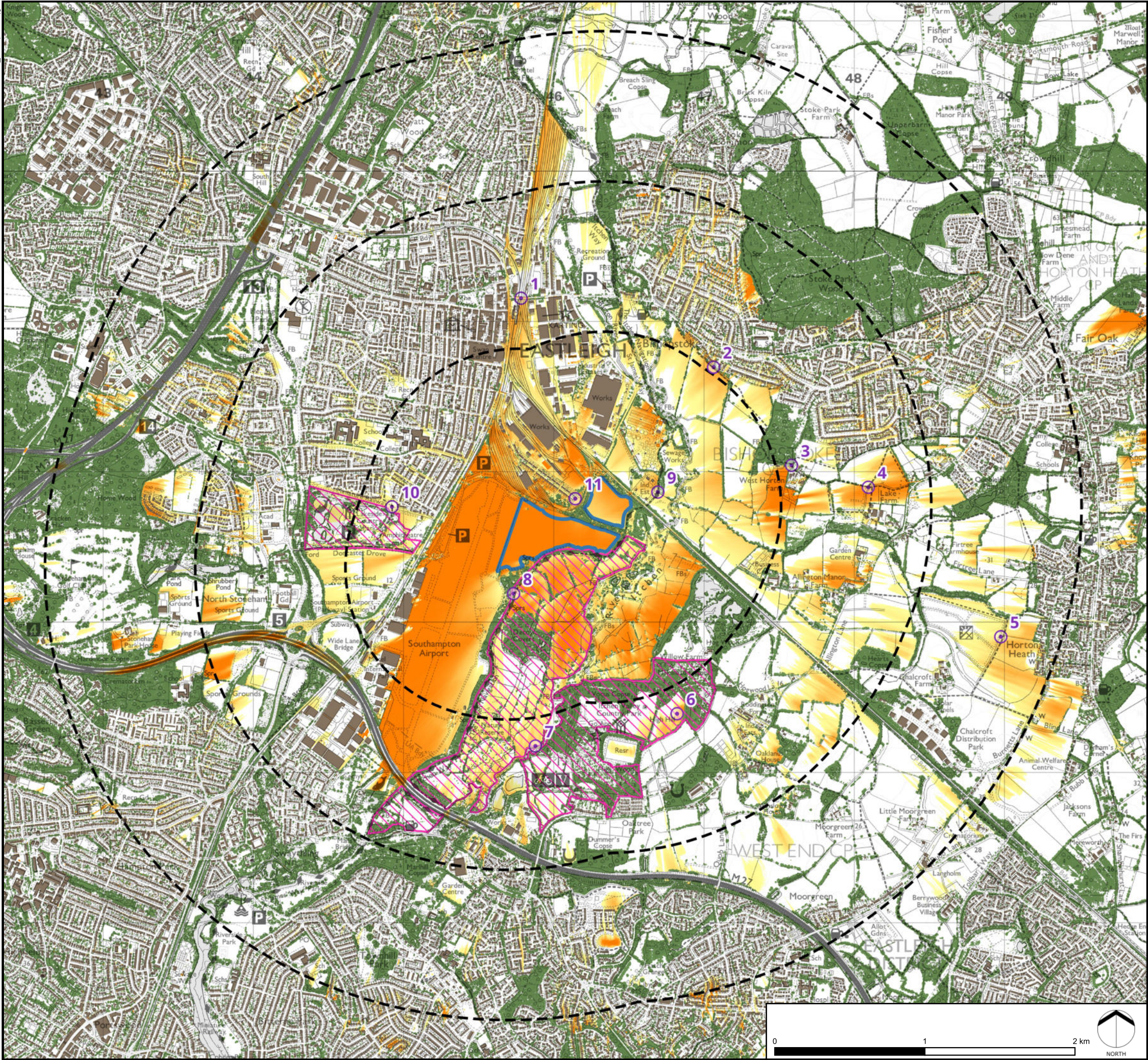
A digital surface model (DSM) has been derived from Defra Survey Data Download lidar_composite_first_return_dsm-2022 height data. Locations of buildings are taken from the OS Open Map Local dataset, and locations of woodland and vegetation higher than 2.5m are taken from the Environment Agency's Vegetation Object Model (VOM) dataset. Heights of buildings and woodland have been taken from Defra Survey Data Download lidar_composite_first_return_dsm-2022 height data.

The actual extent of visibility on the ground will be less than that suggested by this plan.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 2m² resolution.

Projected Coordinate System: British National Grid

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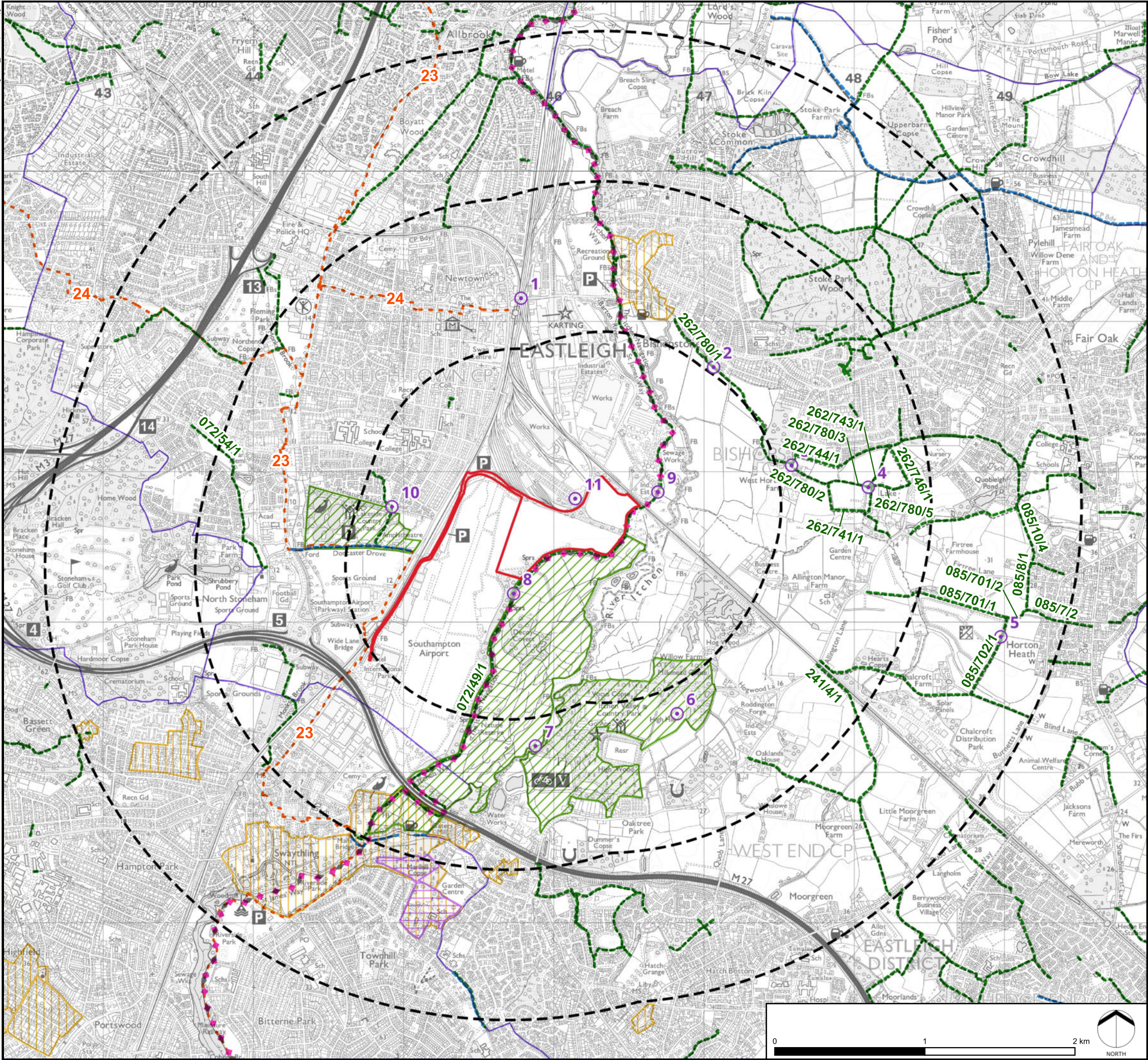


NAVIGATION QUARTER

APPENDIX 11.6 FIGURE 4

Designations

- KEY
- Site Boundary
 - Distance Radii from Site (1, 2, 3km)
 - Viewpoint Location
 - Authority Boundary
 - Country Park
 - Registered Park and Garden
 - Conservation Area
 - Public Bridleway
 - Public Footpath (with reference)
 - Itchen Navigation Trail (Long Distance Path)
 - National Cycle Network (with reference)



Projected Coordinate System: British National Grid

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NAVIGATION QUARTER

APPENDIX 11.6 FIGURE 5

Landscape/Townscape Character (Hampshire)

KEY

- Site Boundary
- Distance Radii from Site (1, 2, 3km)
- Viewpoint Location

Hampshire County Integrated Character Assessment

- Landscape Character Area Boundary
- LCA 2d: Romsey to Eastleigh Woodland Lowland Meadows
- LCA 2e: Forest of Bere West
- LCA 3c: Itchen Valley

Landscape Types

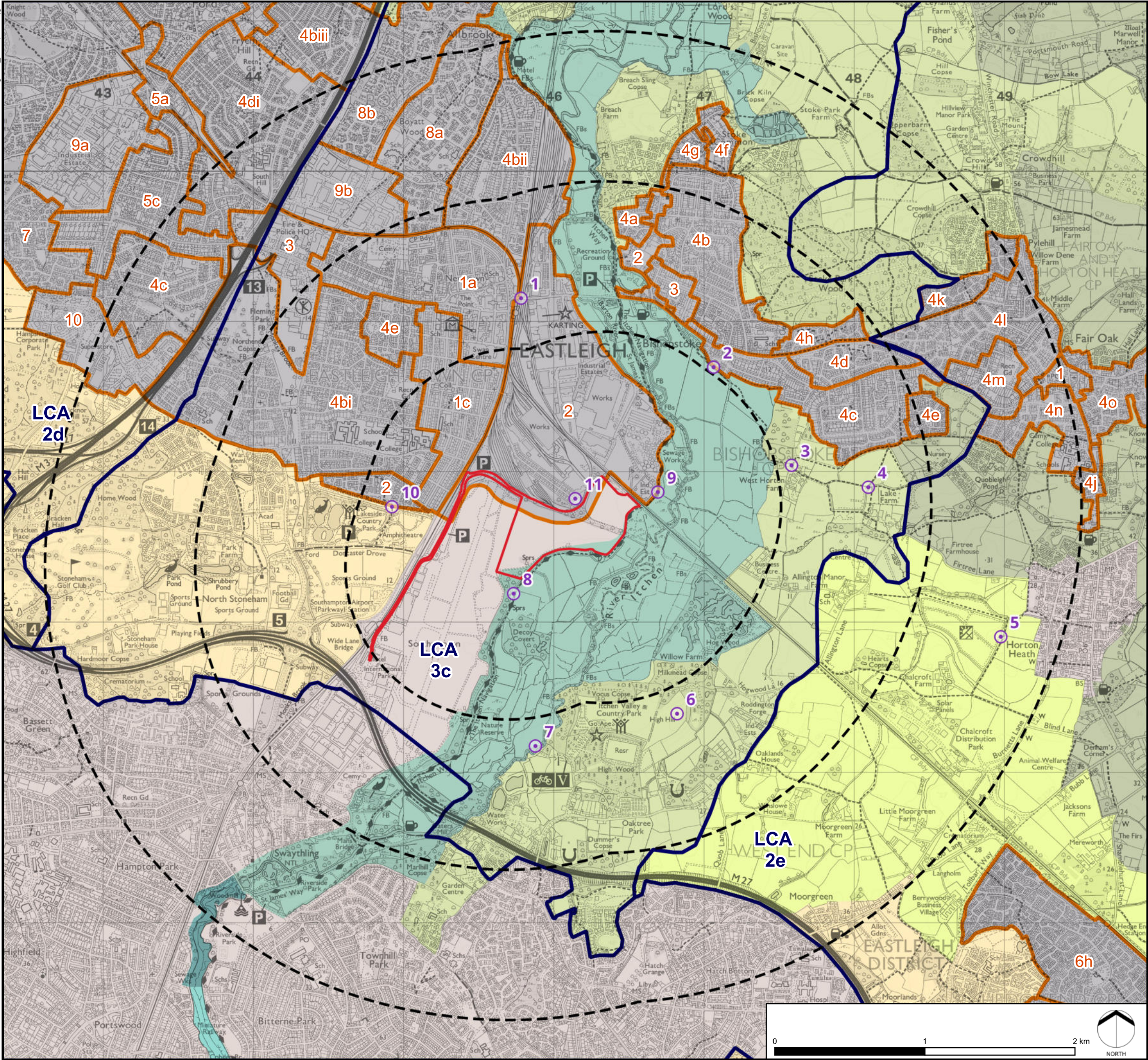
- Estuary
- Intertidal Estuary and Harbour
- Lowland Mosaic Heath Associated
- Lowland Mosaic Medium Scale
- Lowland Mosaic Open
- Lowland Mosaic Small Scale
- River Valley Floor
- Settlement
- Townscape Area Settlement

Townscape

- Townscape Type Boundary
- 1: Medieval Urban Settlement
- 2: Rural Settlement
- 3: Post Medieval Development 1600-1819
- 4: Residential 1820-1849
- 5: Residential 1850-1914 (Terraces, Semi-detached, Small Detached Houses)
- 6: Residential 1850-1914 (Villas and Larger Homes)
- 7: Residential 1915-1945
- 8: Residential Post 1945 - Present (Houses, bungalows, 3 Storey Flats)
- 9: Residential Post 1945 - Present (4 Storey + Flats)
- 10: Commercial 1870 - 1945

Projected Coordinate System: British National Grid

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NAVIGATION QUARTER

APPENDIX 11.6 FIGURE 6

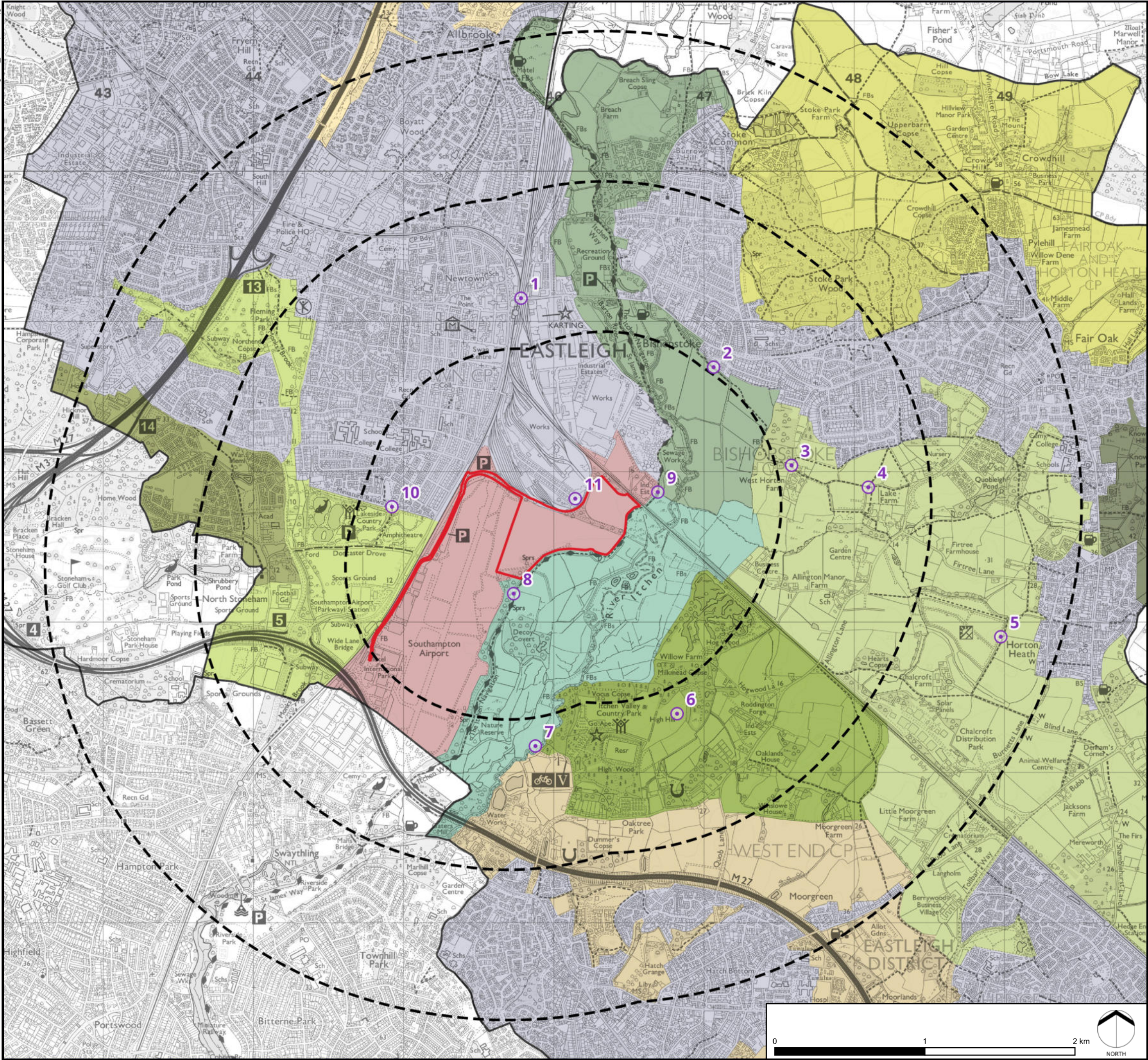
Landscape Character (Eastleigh)

KEY

- Site Boundary
- Distance Radii from Site (1, 2, 3km)
- Viewpoint Location
- Authority Boundary
- Urban

Eastleigh Landscape Character Areas

- 1: Broom Hill Farmland and Woodland
- 2: Upper Itchen Valley
- 3: Lower Itchen Valley Floodplain
- 4: Southampton Airport
- 5: Itchen Valley Sports Pitches
- 6: North Stoneham Park
- 7: Bishopstoke-Fair Oak Woodland and Farmland
- 8: Knowle Hill Farmland and Woodland
- 9: Horton Heath Undulating Farmland
- 10: Oaklands Woodland and Parkland
- 11: M27 Corridor



Projected Coordinate System: British National Grid

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