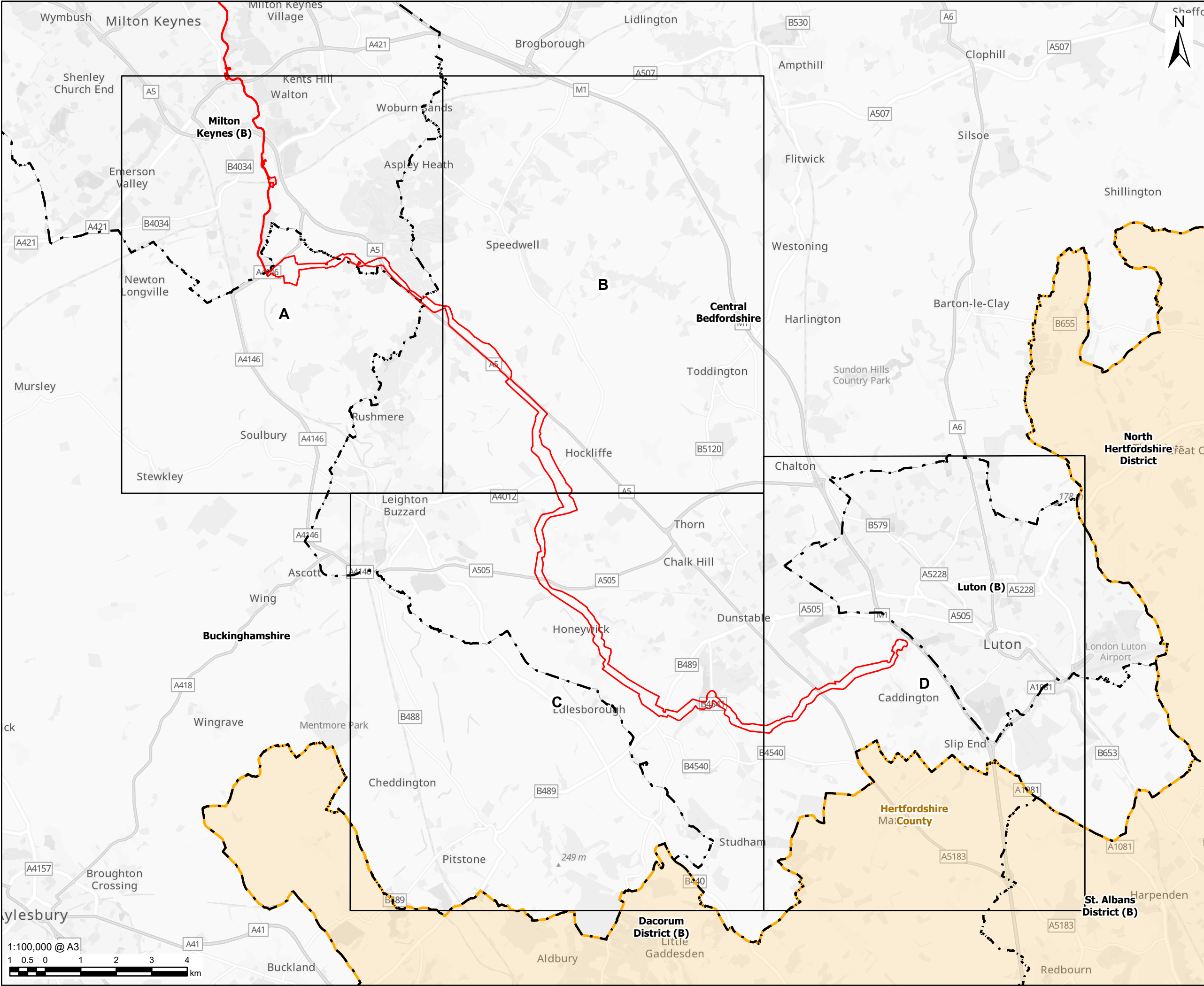




Figure 16-P4B-1: Part 4b Pipeline Corridor Zone of Theoretical Visibility (With Surface Features)



PROJECT

CLIENT
Affinity Water, Severn Trent Water
and Canal & River Trust

CONSULTANT
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LEGEND

Preliminary Order Limits

District Boundary

County Boundary

Sheet Extent

NOTES

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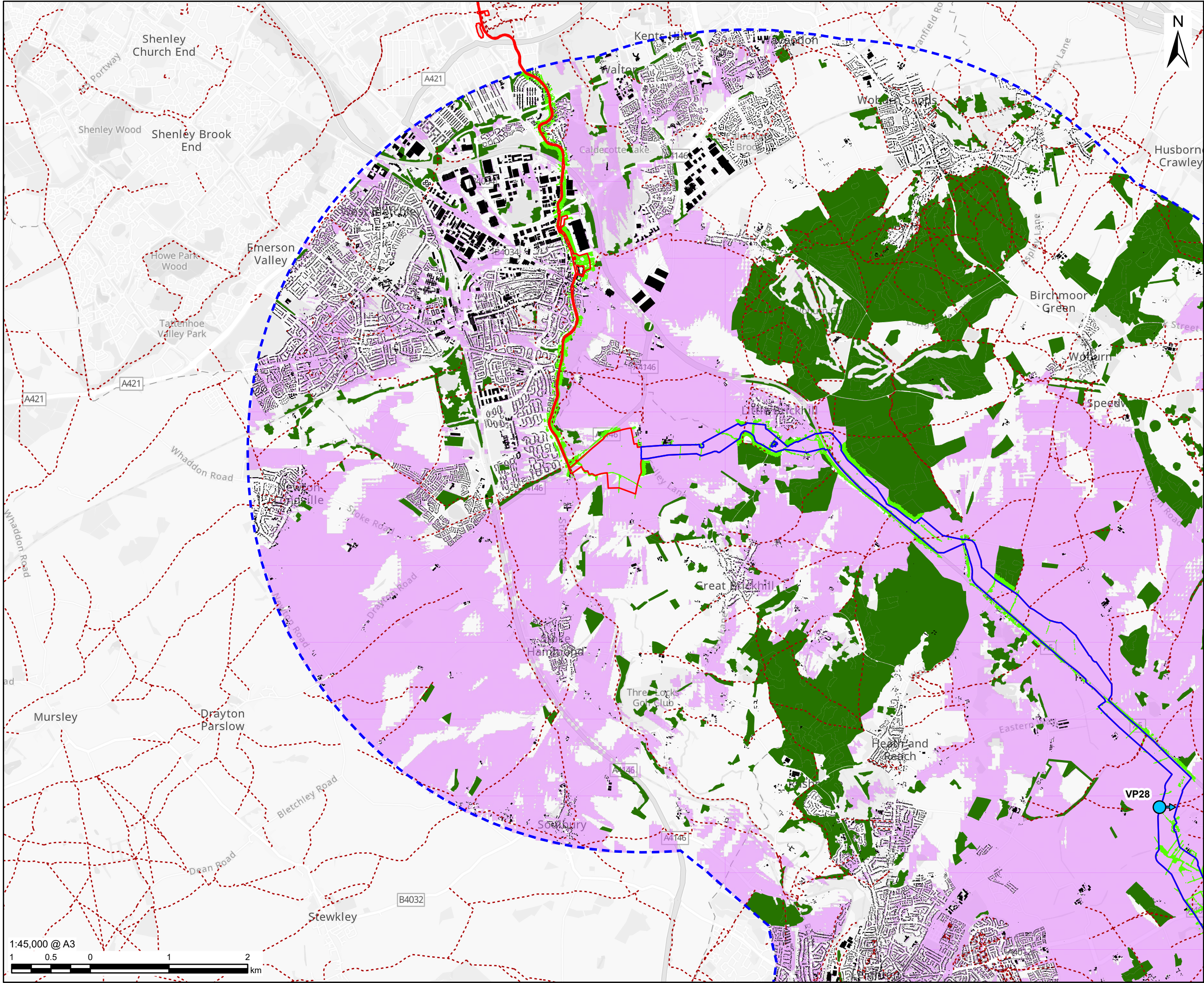
ISSUE PURPOSE

FINAL

PROJECT NUMBER
60720432

FIGURE TITLE
Part 4b Pipeline Corridor
Zone of Theoretical Visibility
(With Surface Features)
Overview

FIGURE NUMBER
Figure 16-P4B-1



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AECOM

PROJECT

 Grand Union Canal Transfer

CLIENT

Affinity Water, Severn Trent Water and Canal & River Trust

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LEGEND

 Part 4b Route Corridor (7m)

 Part 4b Route Corridor - 5km Study Area

 Preliminary Order Limits

 Viewpoint

 Public Rights of Way

 Building

Woodland

 National Forest Inventory

 National Tree Map

Zone of Theoretical Visibility

 Part 4b Route Corridor

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6. Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 50 – 50m Lidar Digital Terrain Model which does not consider the screening effects of vegetation, buildings or other structures. Existing buildings have been incorporated into the DTM from OS MasterMap & OS OpenMap Local with an assumed height of 7.5m. Woodland from both the National Forest Inventory (NFI) and Bluesky's National Tree Map (NTM) has also been incorporated into the DTM with the actual canopy heights assigned for the NTM data, and an assumed height of 12m for the NFI woodland. The ZTV is based upon a grid of points at 100m intervals within the Pipeline Corridor at a height of 7m, with an observer height of 1.6m - points were removed where they intersected existing buildings and woodland. All heights mentioned are above ground level (AGL) unless otherwise specified.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

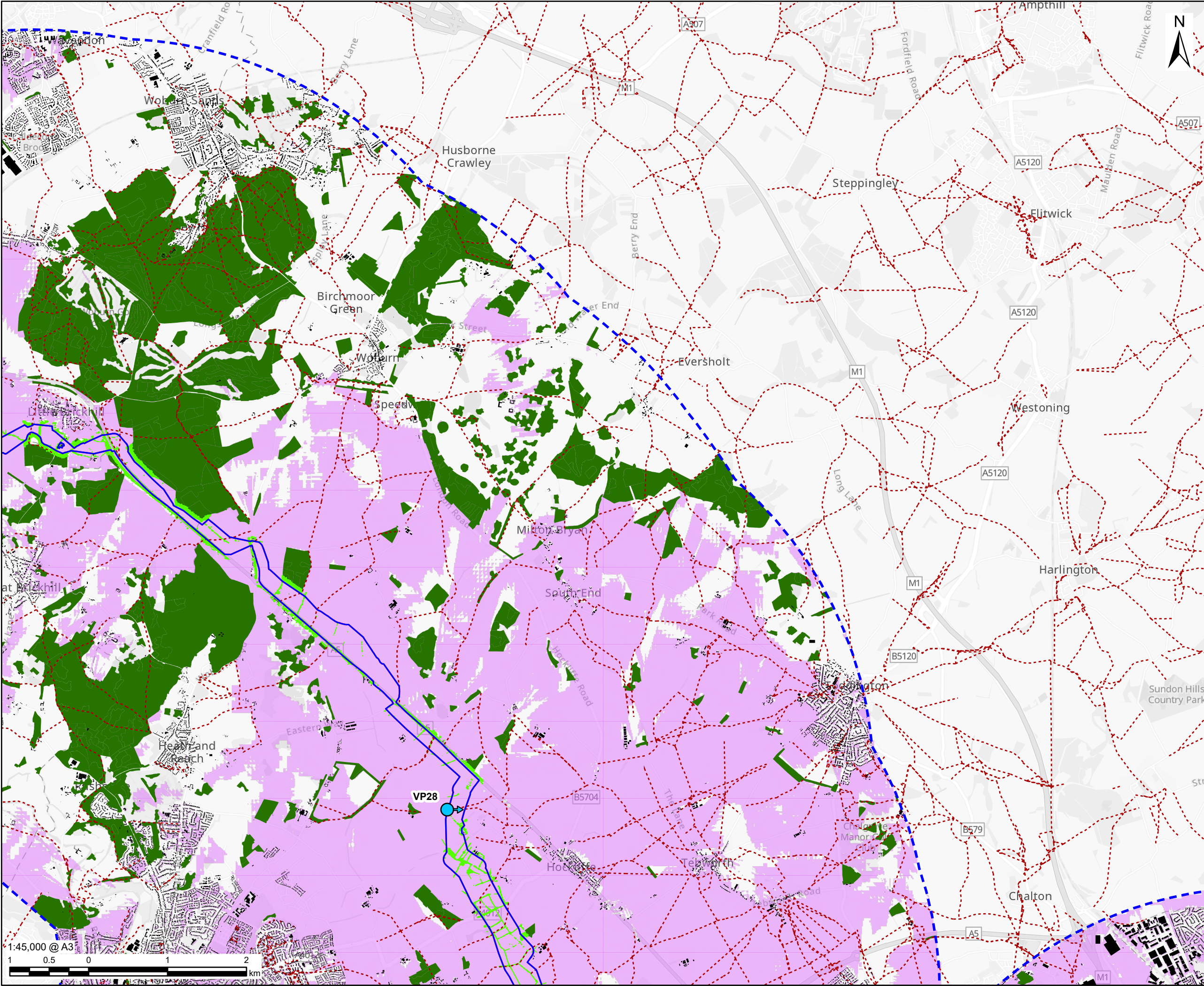
60720432

FIGURE TITLE

Part 4b Pipeline Corridor
Zone of Theoretical Visibility
(With Surface Features)
Sheet A

FIGURE NUMBER

Figure 16-P4B-1



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PROJECT

 Grand Union
Canal Transfer

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Affinity Water, Severn Trent Water
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LEGEND

 Part 4b Route Corridor (7m)

 Part 4b Route Corridor - 5km Study Area

 Preliminary Order Limits

 Viewpoint

 Public Rights of Way

 Building

Woodland

 National Forest Inventory

 National Tree Map

Zone of Theoretical Visibility

 Part 4b Route Corridor

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

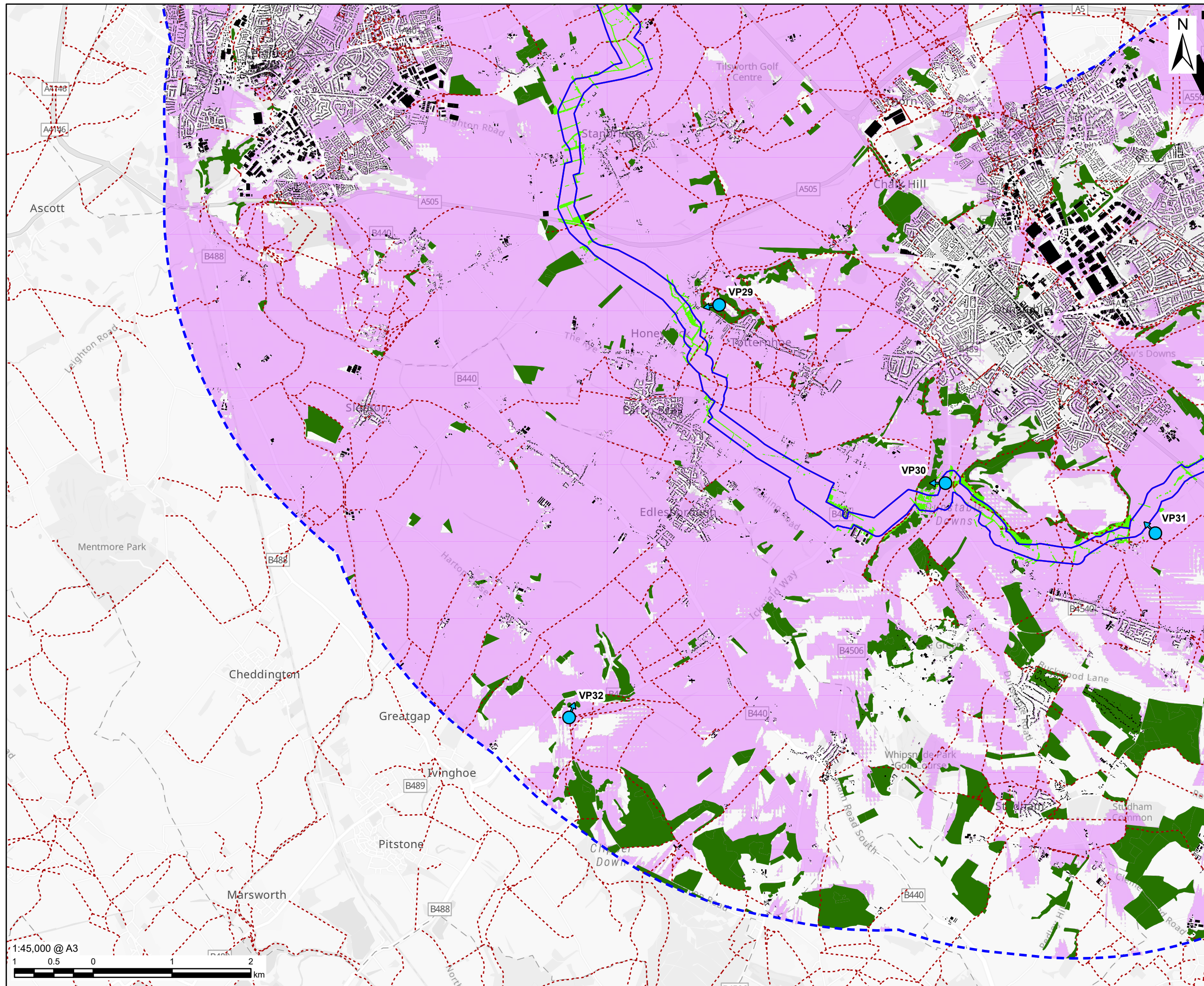
60720432

FIGURE TITLE

Part 4b Pipeline Corridor
Zone of Theoretical Visibility
(With Surface Features)
Sheet B

FIGURE NUMBER

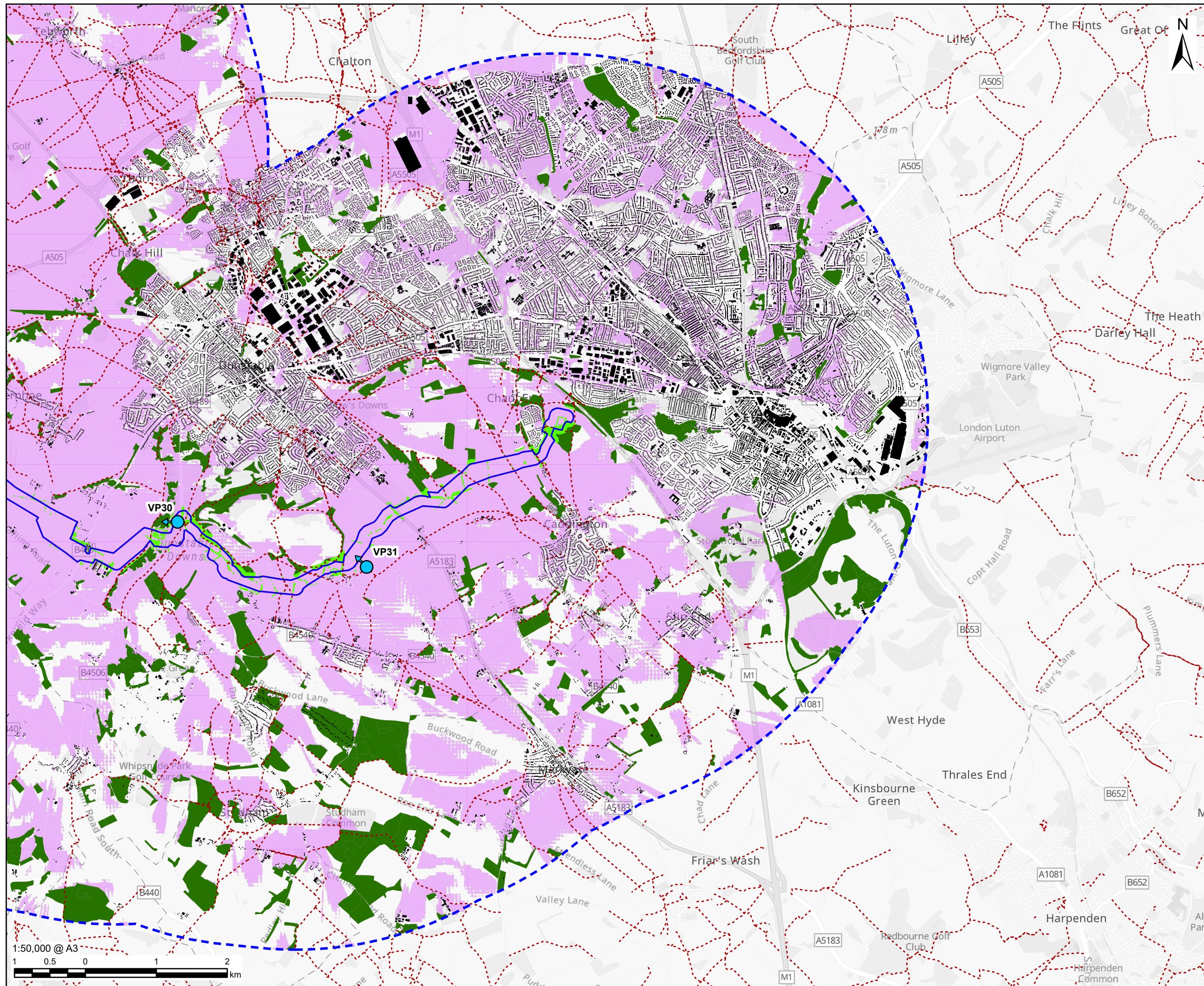
Figure 16-P4B-1



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FINAL
PROJECT NUMBER
60720432
FIGURE TITLE
Part 4b Pipeline Corridor Zone of Theoretical Visibility (With Surface Features) Sheet C
FIGURE NUMBER
Figure 16-P4B-1



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