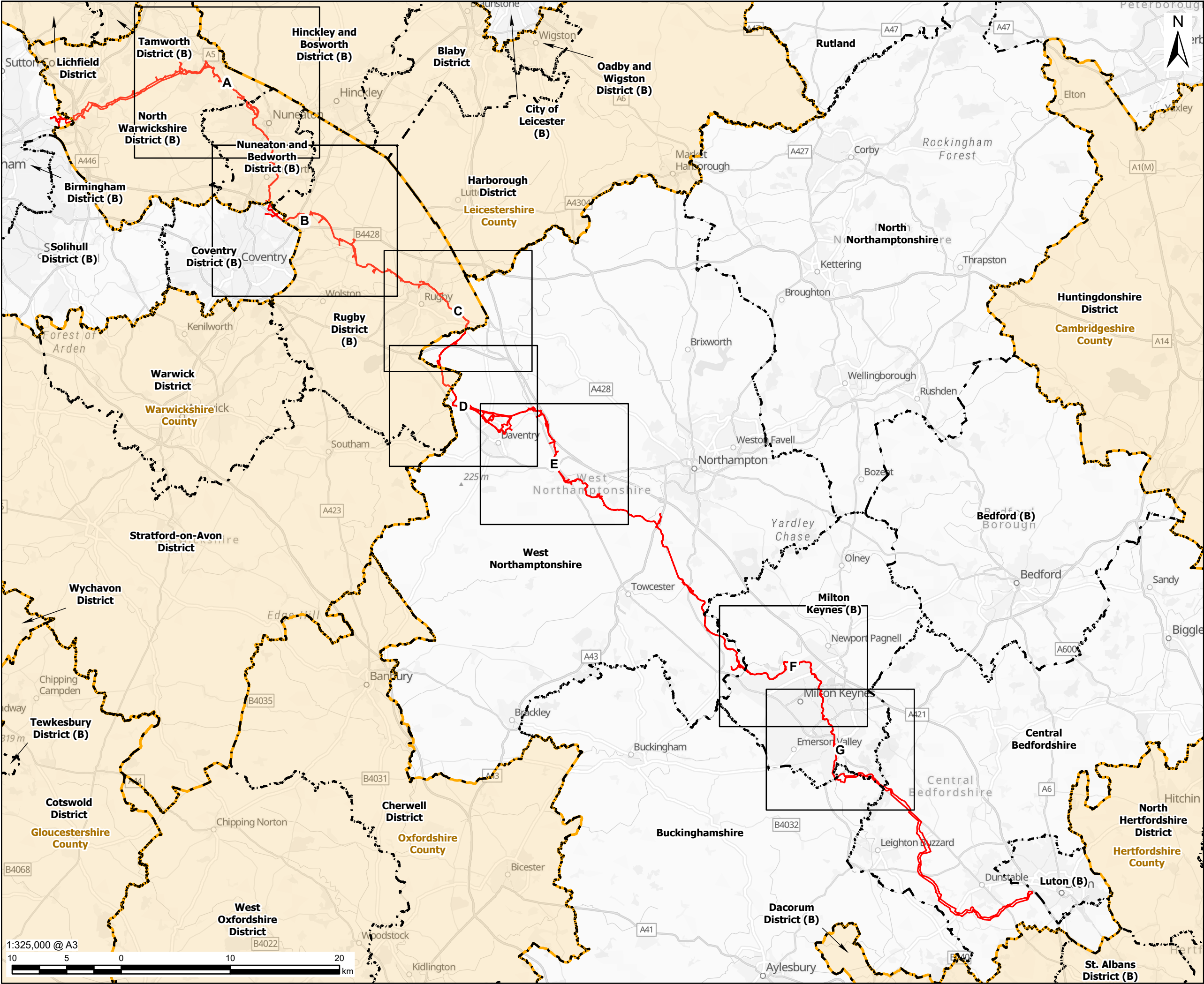




Figure 16-P2&3-1: Parts 2 & 3 Above Ground Infrastructure Zones of Theoretical Visibility (With Surface Features)



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PROJECT

Grand Union Canal Transfer

CLIENT

Affinity Water, Severn Trent Water and Canal & River Trust

CONSULTANT

AECOM Limited
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Alencon Link
Basingstoke, RG21 7PP
www.aecom.com

LEGEND

Preliminary Order Limits

District Boundary

County Boundary

Sheet Extent

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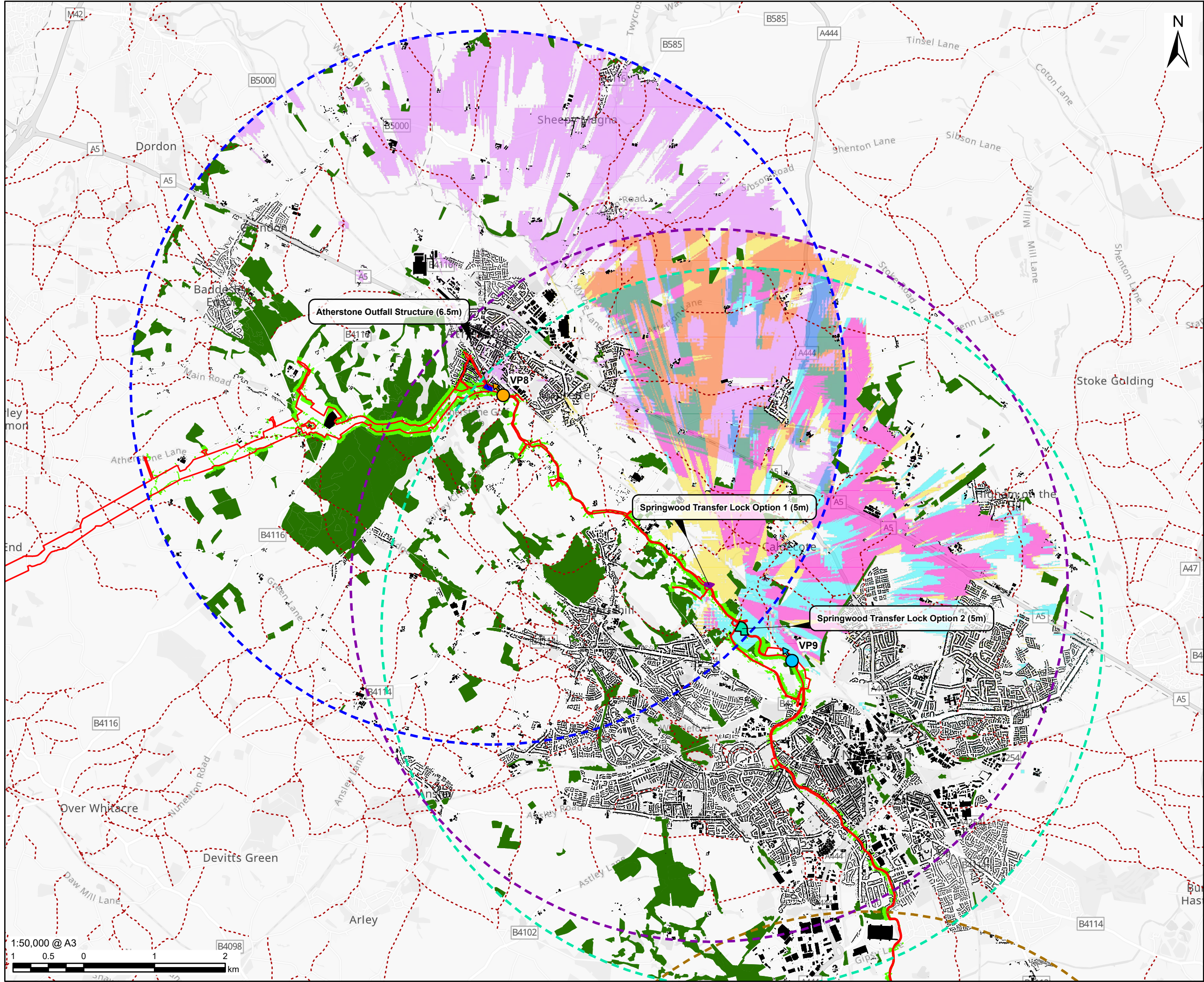
60720432

FIGURE TITLE

Parts 2 & 3 Above Ground Infrastructure Zones of Theoretical Visibility (With Surface Features) Overview

FIGURE NUMBER

Figure 16-P2&3-1



- Atherstone Outfall Structure (6.5m)
- Atherstone Outfall Structure Study Area - 5km
- Springwood Transfer Lock Option 1 (5m)
- Springwood Transfer Lock Option 1 - 5km
- Springwood Transfer Lock Option 2 (5m)
- Springwood Transfer Lock Option 2 - 5km
- Hawkesbury Pumped Bypass - 5km Study Area
- Preliminary Order Limits

- Viewpoint
- Viewpoint to be Moved

- Public Rights of Way

- Building

- Woodland

- National Forest Inventory

- National Tree Map

- Zone of Theoretical Visibility

- Atherstone Outfall Structure

- Springwood Transfer Lock Option 1

- Springwood Transfer Lock Option 2

- Atherstone Outfall Structure & Springwood Transfer Lock Option 1

- Atherstone Outfall Structure & Springwood Transfer Lock Option 2

- Springwood Transfer Lock Options 1 & 2

- Atherstone Outfall Structure & Springwood Transfer Lock Options 1 & 2

- Zone of Theoretical Visibility

- Hawkesbury Pumped Bypass

- Zone of Theoretical Visibility

- Hawkesbury Pumped Bypass

- Zone of Theoretical Visibility

- Hawkesbury Pumped Bypass

- Zone of Theoretical Visibility

- Hawkesbury Pumped Bypass

- Zone of Theoretical Visibility

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- Zone of Theoretical Visibility

- Hawkesbury Pumped Bypass

- Zone of Theoretical Visibility

- Hawkesbury Pumped Bypass

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4. National Tree Map – © Bluesky International Limited
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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 either 10m or 20m intervals, and varying input heights, with an observer height of 1.6m. All heights mentioned are above ground level (AGL) unless otherwise specified.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

Parts 2 & 3 Above Ground Infrastructure

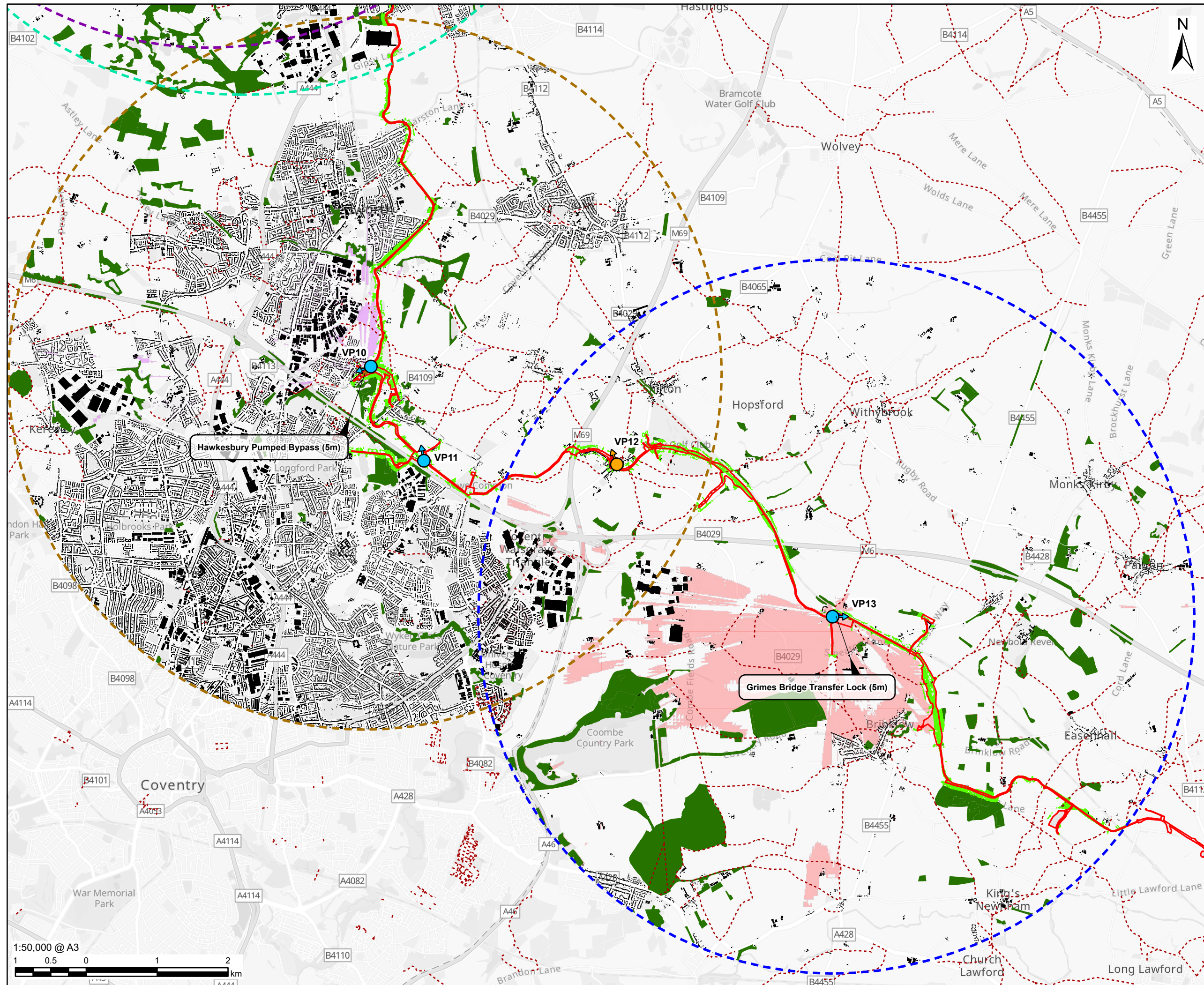
Zones of Theoretical Visibility

(With Surface Features)

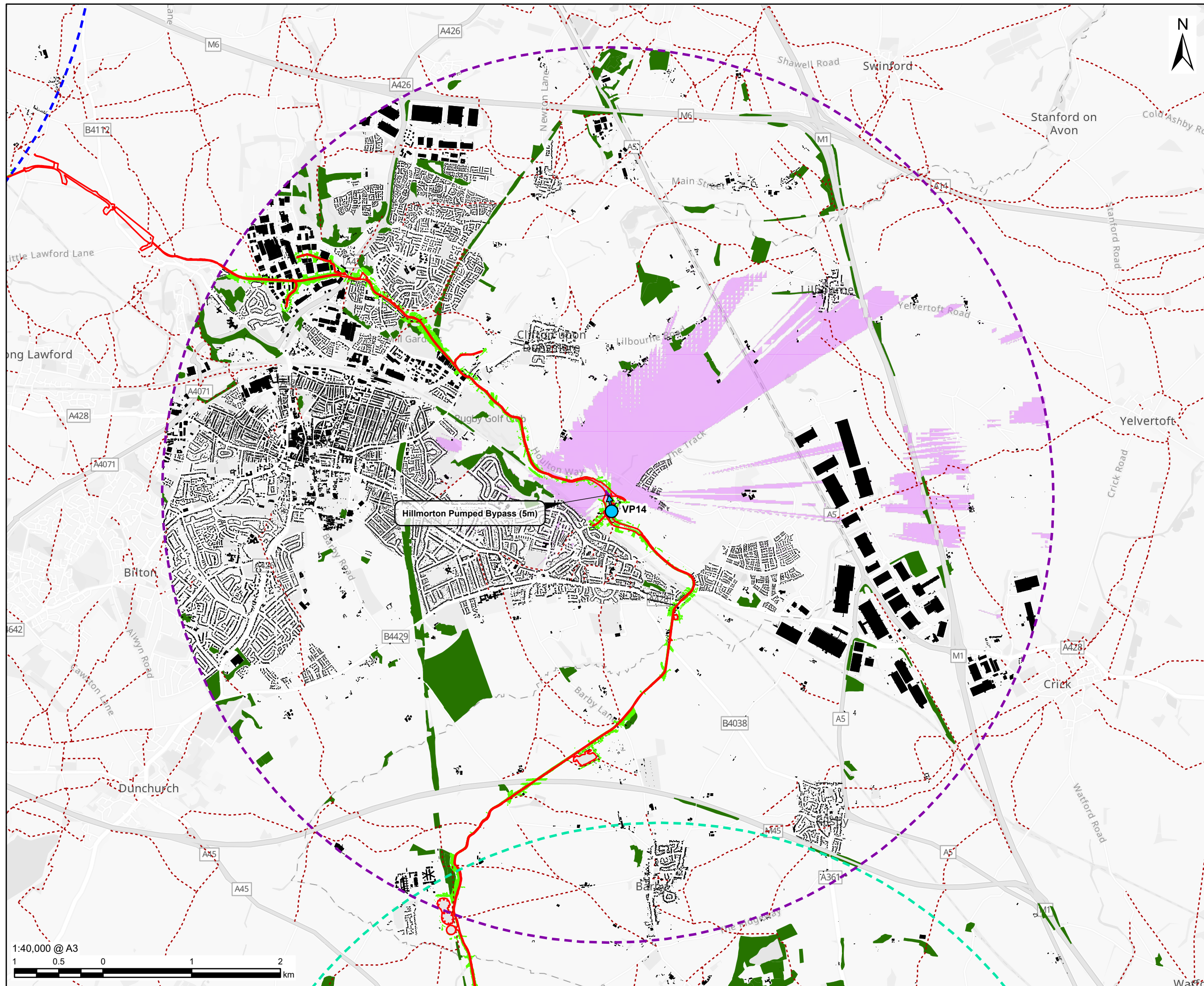
Sheet A

FIGURE NUMBER

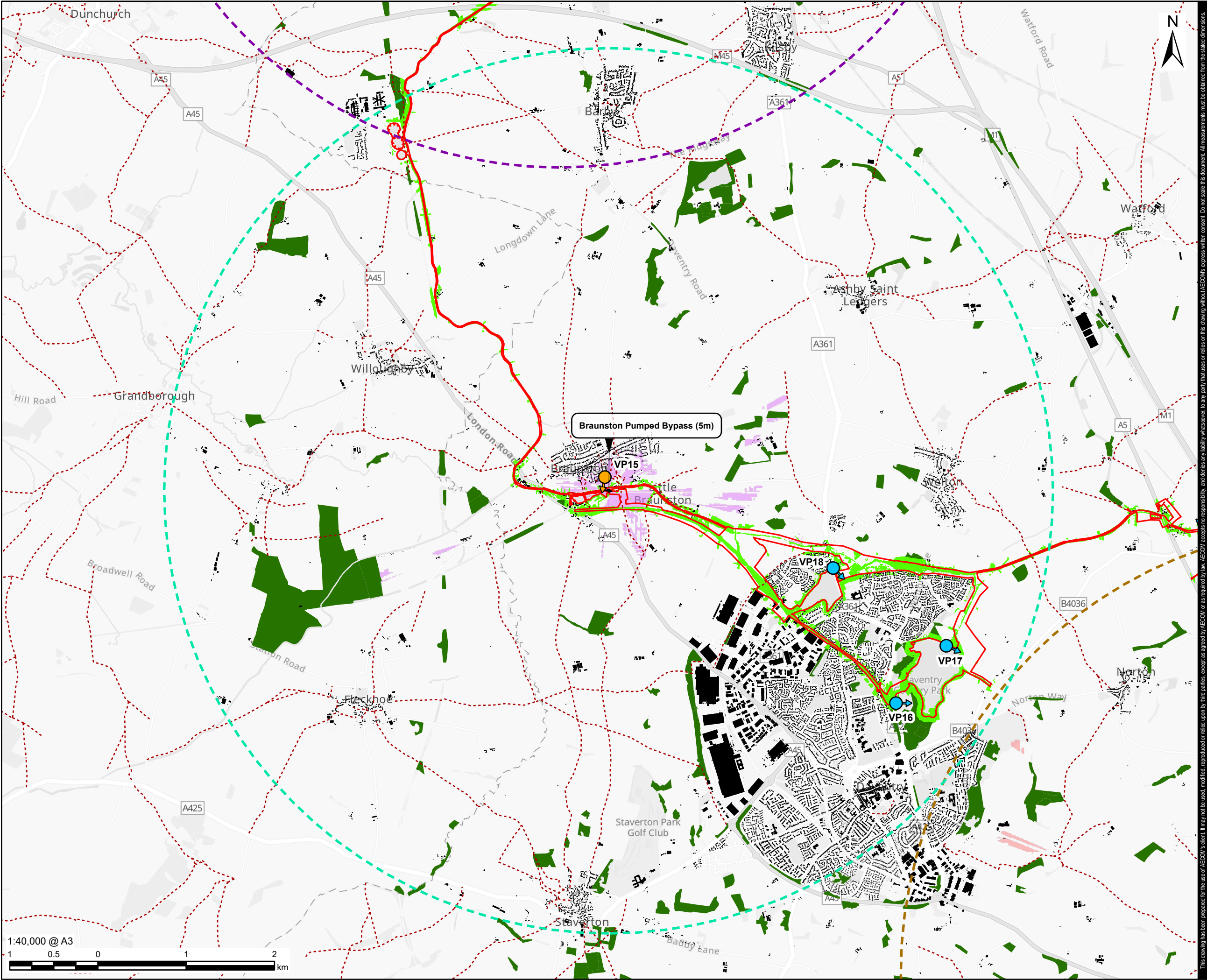
Figure 16-P2&3-1



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PROJECT

**Grand Union
Canal Transfer**

CLIENT

Affinity Water, Severn Trent Water
and Canal & River Trust

CONSULTANT

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LEGEND

- Hillmorton Pumped Bypass - 5km Study Area
- Braunston Pumped Bypass (5m)
- Braunston Pumped Bypass - 5km Study Area
- Dodford Road Transfer Lock - 5km Study Area
- Preliminary Order Limits
- Viewpoint
- Viewpoint to be Moved
- Public Rights of Way
- Building
- Woodland
 - National Forest Inventory
 - National Tree Map
- Zone of Theoretical Visibility
 - Braunston Pumped Bypass
 - Dodford Road Transfer Lock

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

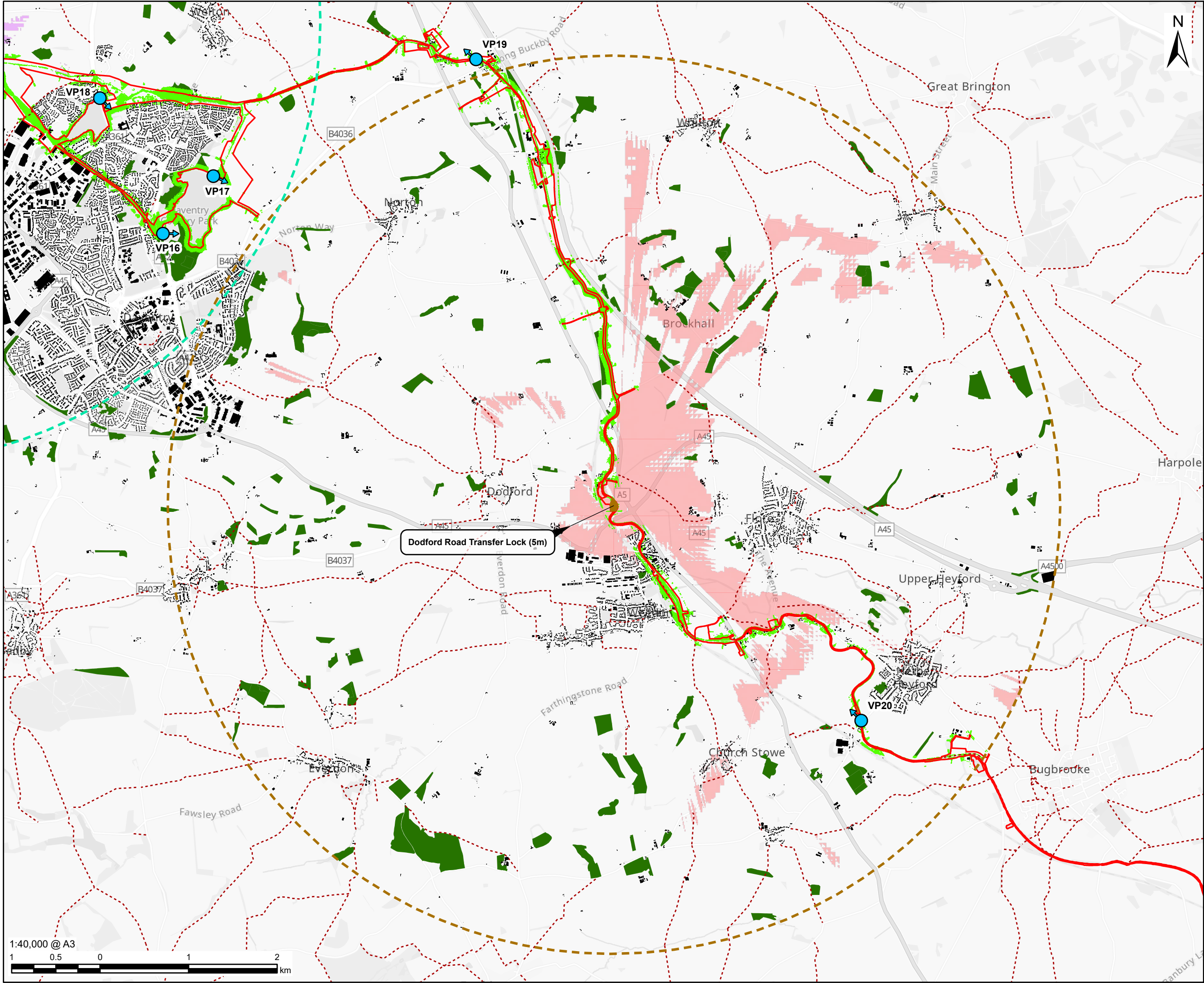
60720432

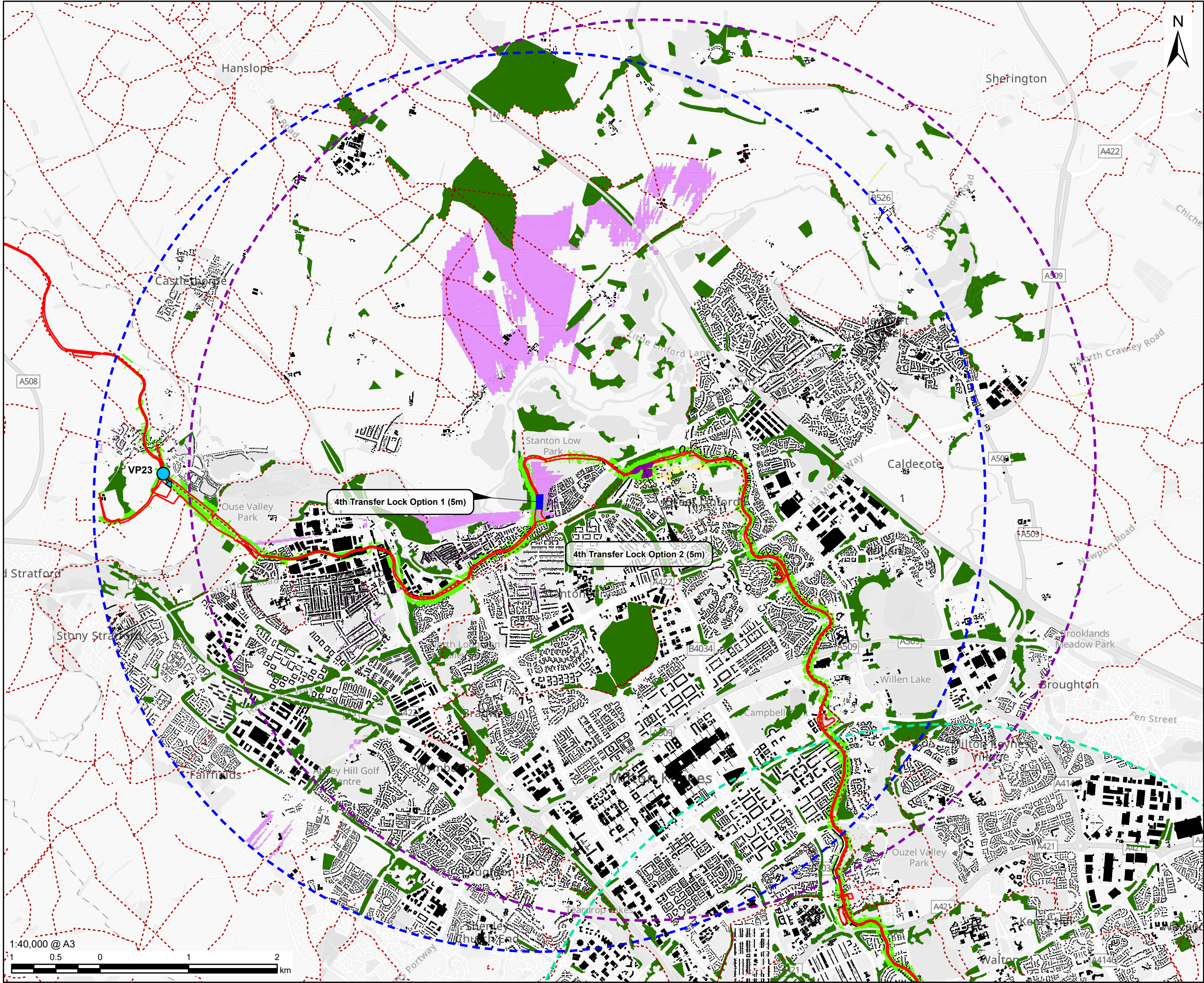
FIGURE TITLE

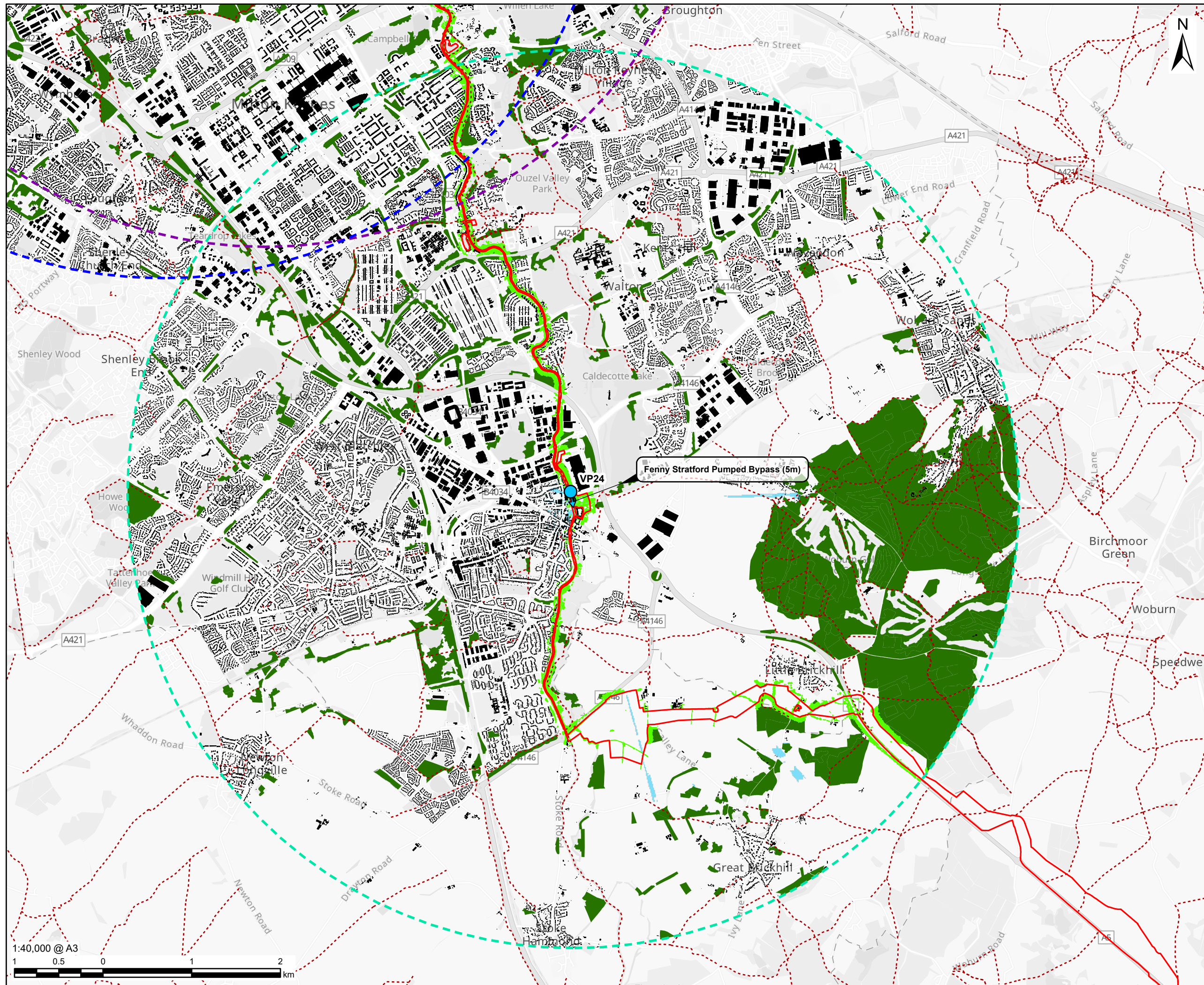
Parts 2 & 3 Above Ground Infrastructure
Zones of Theoretical Visibility
(With Surface Features)
Sheet D

FIGURE NUMBER

Figure 16-P2&3-1







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