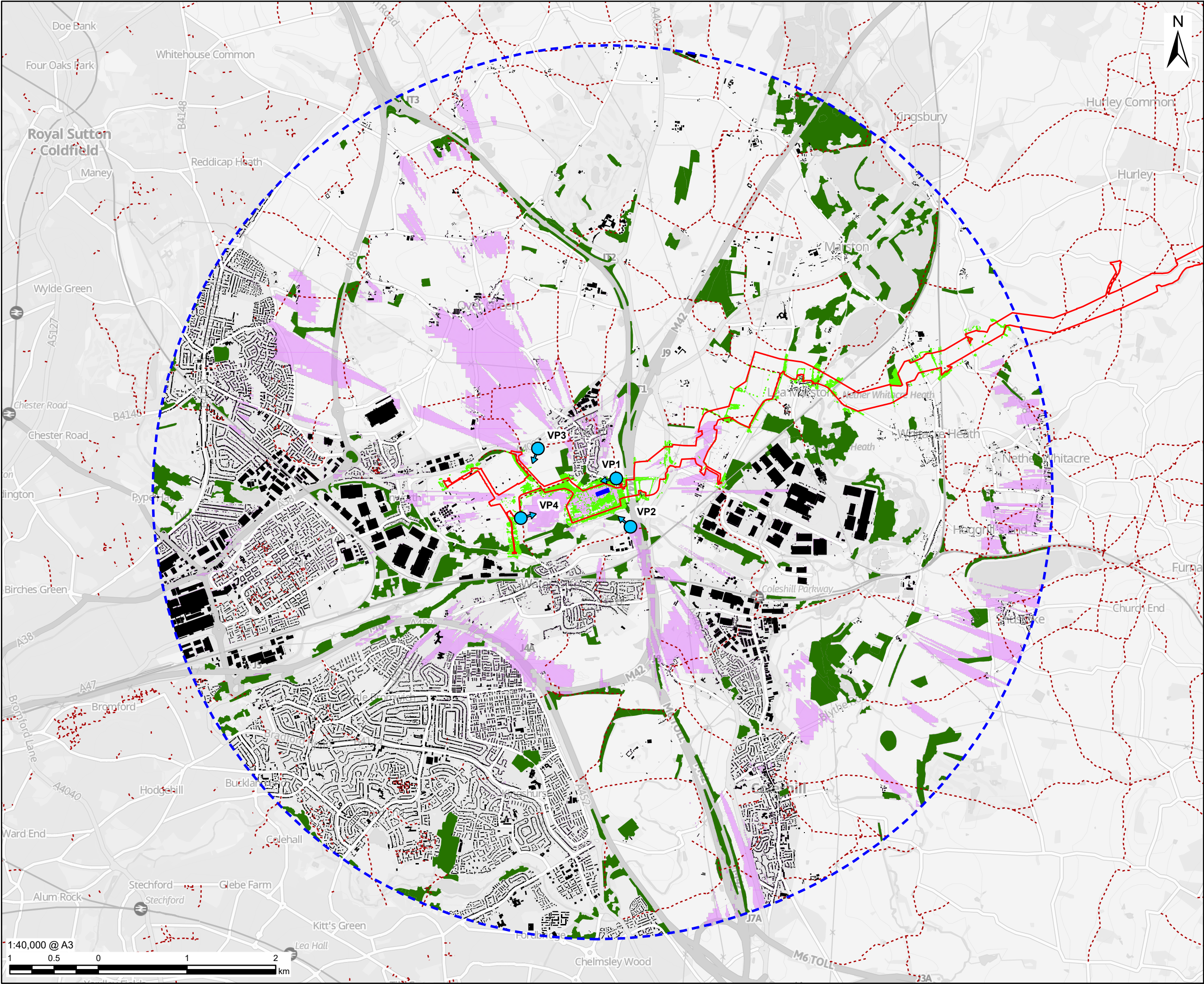




Figure 16-P1A-2: Part 1a Filter Building Zone of Theoretical Visibility (With Surface Features)



AECOM

PROJECT

**Grand Union
Canal Transfer**

CLIENT

Affinity Water, Severn Trent Water
and Canal & River Trust

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LEGEND

- Filter Building (18m)
- Filter Building - 5km Study Area
- Preliminary Order Limits
- Viewpoint
- Public Rights of Way
- Building
- Woodland
 - National Forest Inventory
 - National Tree Map
- Zone of Theoretical Visibility
 - Filter Building

NOTES

1. Reproduced from Ordnance Survey digital map data © Crown copyright and database rights 2025 OS 100025261.
2. Contains OS data © Crown Copyright and database right 2026
3. Contains data from OS Zoomstack
4. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2022 Ordnance Survey 100021242.
5. National Tree Map – © Bluesky International Limited
6. Contains public sector information licensed under the Open Government Licence v3.0.
7. 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 10m intervals within the Filter Building footprint at a height of 18m, 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

Part 1a Filter Building
Zone of Theoretical Visibility
(With Surface Features)

FIGURE NUMBER

Figure 16-P1A-2