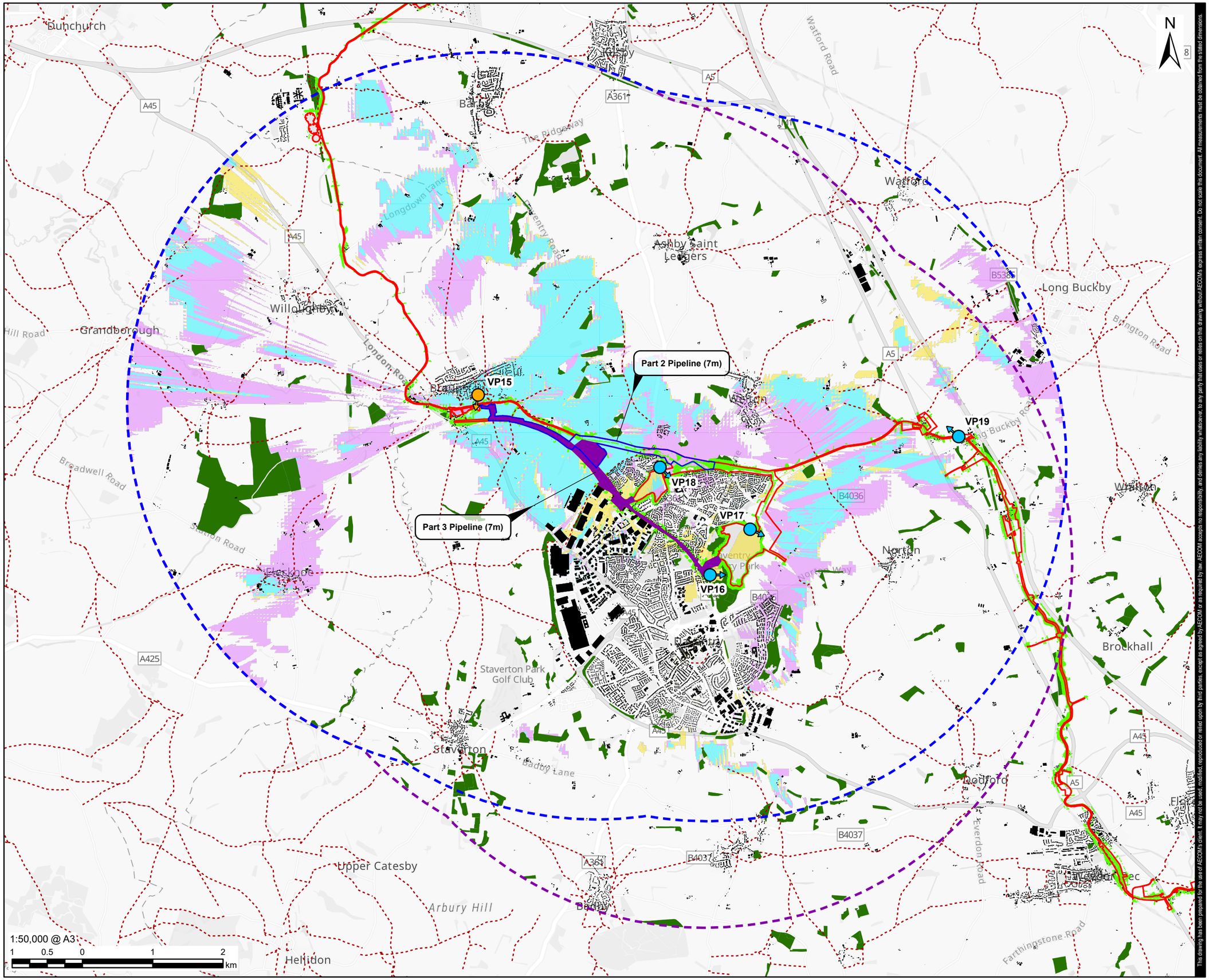
Grand Union Canal Transfer

Figure 16-P2&3-2: Parts 2 & 3 Pipeline Corridor Zone of Theoretical Visibility (With Surface Features)

Revision: 0 Drawn: EB Checked: JW Approved: RC Date: 2026-01-15

Filename: C:\Users\joanna.waters\AECOM\Affinity Water GUC GIS team - Affinity Water EIA Project\02_Maps\PEI_Report\Chapter_16_Landscape\Fig_16_P2&3_2_Parts_2_3_Pipelines_ZTV.aprx



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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 2 Pipeline (7m)
- Part 2 Pipeline - 5km Study Area
- Part 3 Pipeline (7m)
- Part 3 Pipeline - 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

- Part 2 Pipeline
- Part 3 Pipeline
- Parts 2 & 3 Pipelines

NOTES

1. Reproduced from Ordnance Survey digital map data © Crown copyright and database rights 2025 OS 100025261.
2. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
3. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2022 Ordnance Survey 100021242.
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 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

Parts 2 & 3 Pipeline Corridor
Zone of Theoretical Visibility
(With Surface Features)

FIGURE NUMBER

Figure 16-P2&3-2