Connah's Quay Low Carbon Power

Environmental Statement Volume III
Figure 15-8: Zone of Theoretical Visibility - 150 m Absorber Column Height plus 8 m Raised Ground Level

Planning Inspectorate Reference: EN010166
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Planning Act 2008 (as amended)
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulation 5(2)(a)
Revision 00

August 2025

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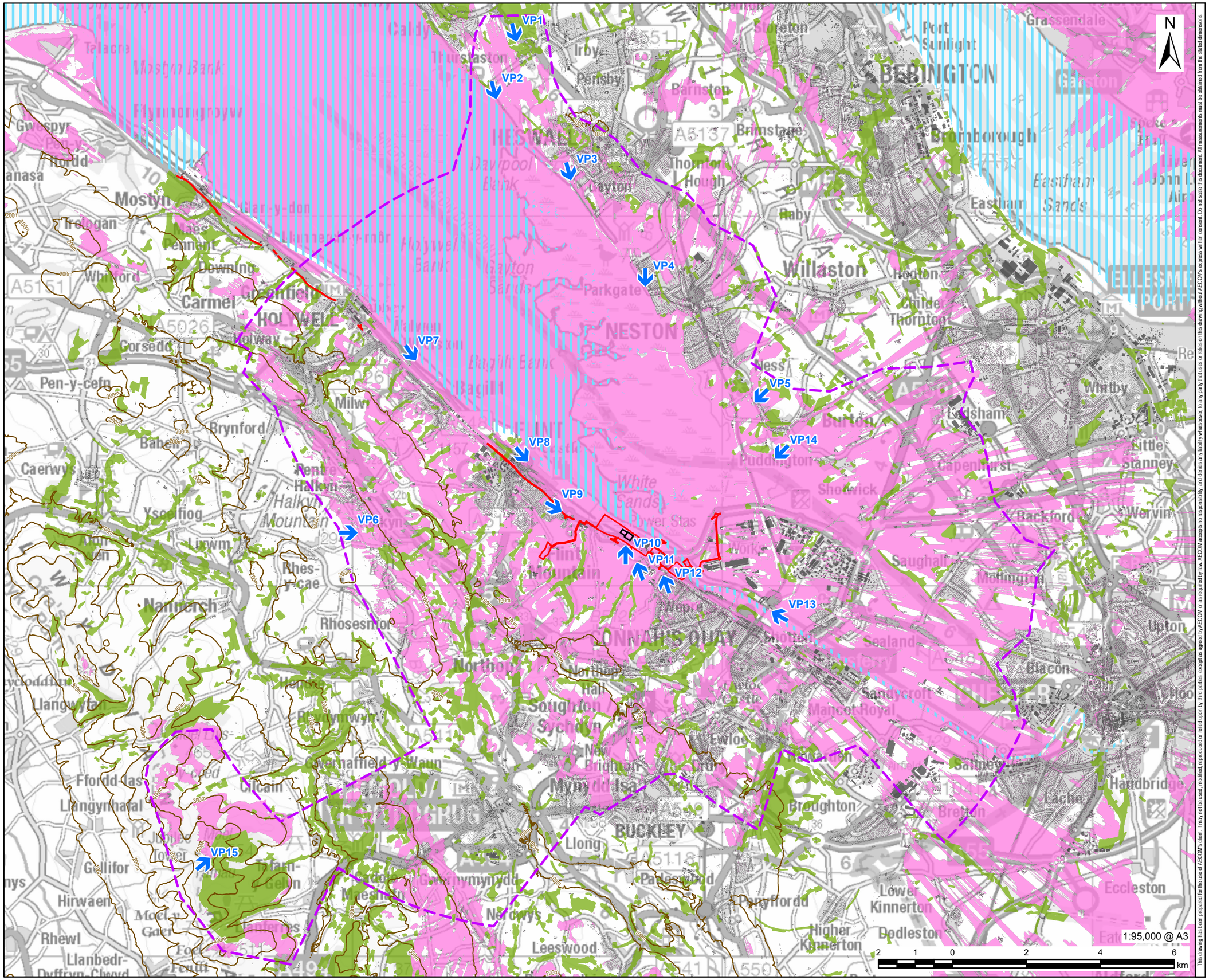

AECOM uniper

PROJECT

Connah's Quay Low Carbon Power

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LEGEND

- Order limits
- Study Area
- Indicative Location of Absorber Columns
- Viewpoint Location
- 100m Contour
- Tidal Waterbody
- Existing Building - Assumed Height of 8m
- Woodland (National Forest Inventory) - Assumed Height of 12m
- Zone of Theoretical Visibility - 150m Absorber Column Height on a Platform of 8m AOD

NOTES

Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey (OS) Terrain 5 Digital Terrain Model (DTM) which does not take into account the screening effect of vegetation, buildings, or other structures. Existing buildings have been incorporated into the DTM from OS Vector Map Local with an assumed height of 8m. Woodland has been incorporated into the DTM from the National Forest Inventory (NFI) with an assumed height of 12m. The ZTV is based upon a grid of points at 50m intervals within the Indicative Absorber Column Location with an assumed height of 150m plus 8m raised ground level (158m AOD), with an observer eye height of 1.6m All heights mentioned are above ground level (AGL) unless otherwise specified.

ISSUE PURPOSE

Environmental Statement

DATE

July 2025

PROJECT NUMBER

60717119

FIGURE TITLE

Zone of Theoretical Visibility - Zone of Theoretical Visibility - 150m Absorber Column Height plus 8m Raised Ground Level

FIGURE NUMBER

Figure 15-8

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