

Connah's Quay Low Carbon Power

Environmental Statement Volume III
Figure 15-7: Zone of Theoretical Visibility - 65 m Main Site Structures (excluding absorber and HRSG)

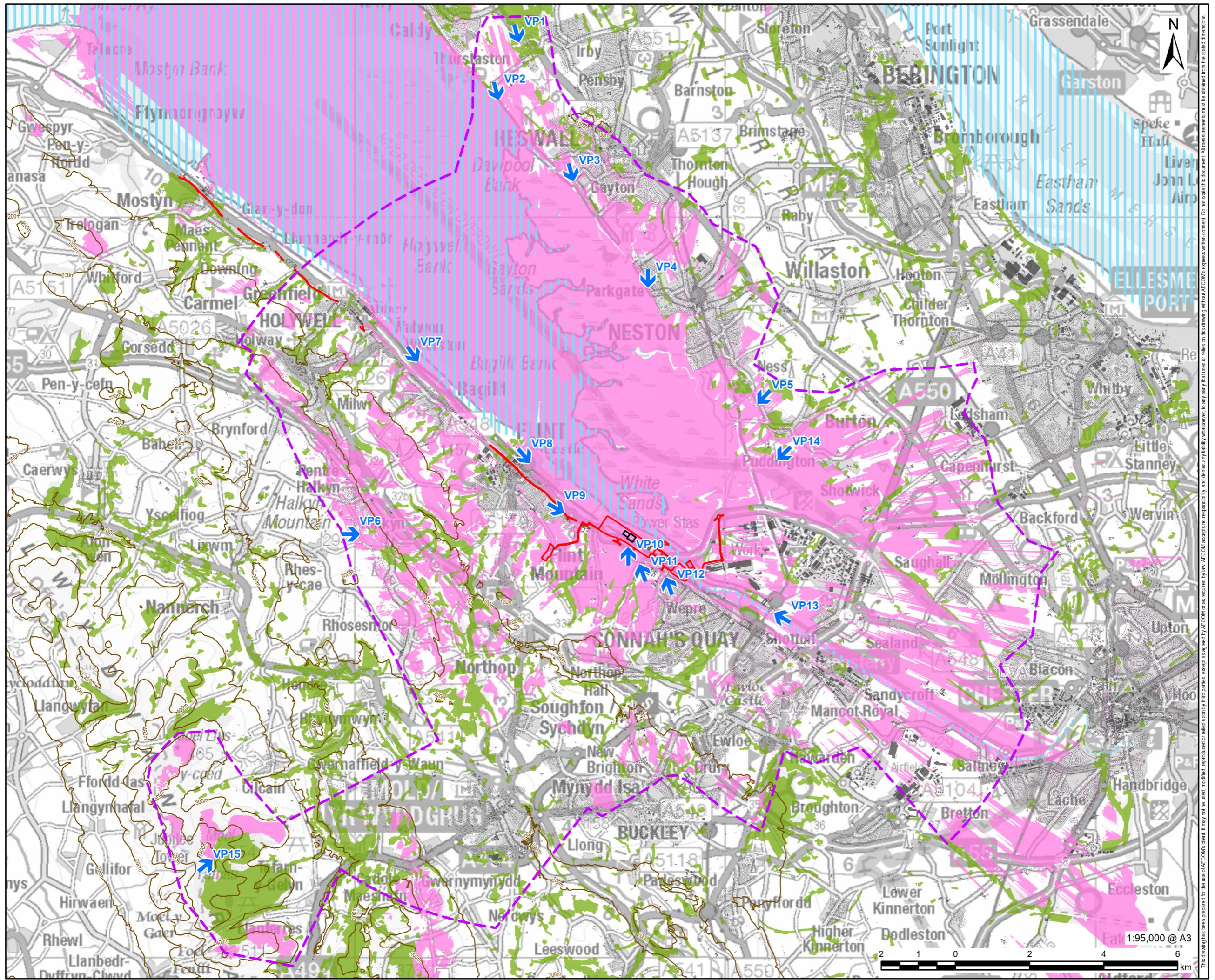
Planning Inspectorate Reference: EN010166

Document Reference: EN010166/APP/6.3

Planning Act 2008 (as amended)

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulation 5(2)(a)

Revision 00



LEGEND

- Order limits
- Study Area
- Indicative Location of CCP CO₂ Stripper
- Viewpoint Location
- 100m Contour
- Tidal Waterbody
- Existing Building - Assumed Height of 8m
- Woodland (National Forest Inventory) - Assumed Height of 12m
- Zone of Theoretical Visibility - 65m CCP CO₂ Stripper Height

NOTES

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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 CCP CO₂ Stripper Location with an assumed height of 65m, 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 - 65m Max Height of Other Structures (Excluding Absorber and HRSG stacks)

FIGURE NUMBER

Figure 15-7