

## ENVIRONMENTAL IMPACT ASSESSMENT SCOPING REPORT

### Appendix A – Supporting Figures (Part 3 of 3)

HyNet North West Carbon Dioxide Pipeline DCO

Planning Act 2008

Document Reference Number 0.6.1

Applicant: Liverpool Bay CCS Limited

PINS Reference: EN070007

English Version

REVISION: 03

DATE: May 2021

DOCUMENT OWNER: Daniel Patterson

AUTHOR: Daniel Patterson

APPROVER: Chris Taylor

PUBLIC

## **FIGURES**

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Figure 8-1: European Designated Sites

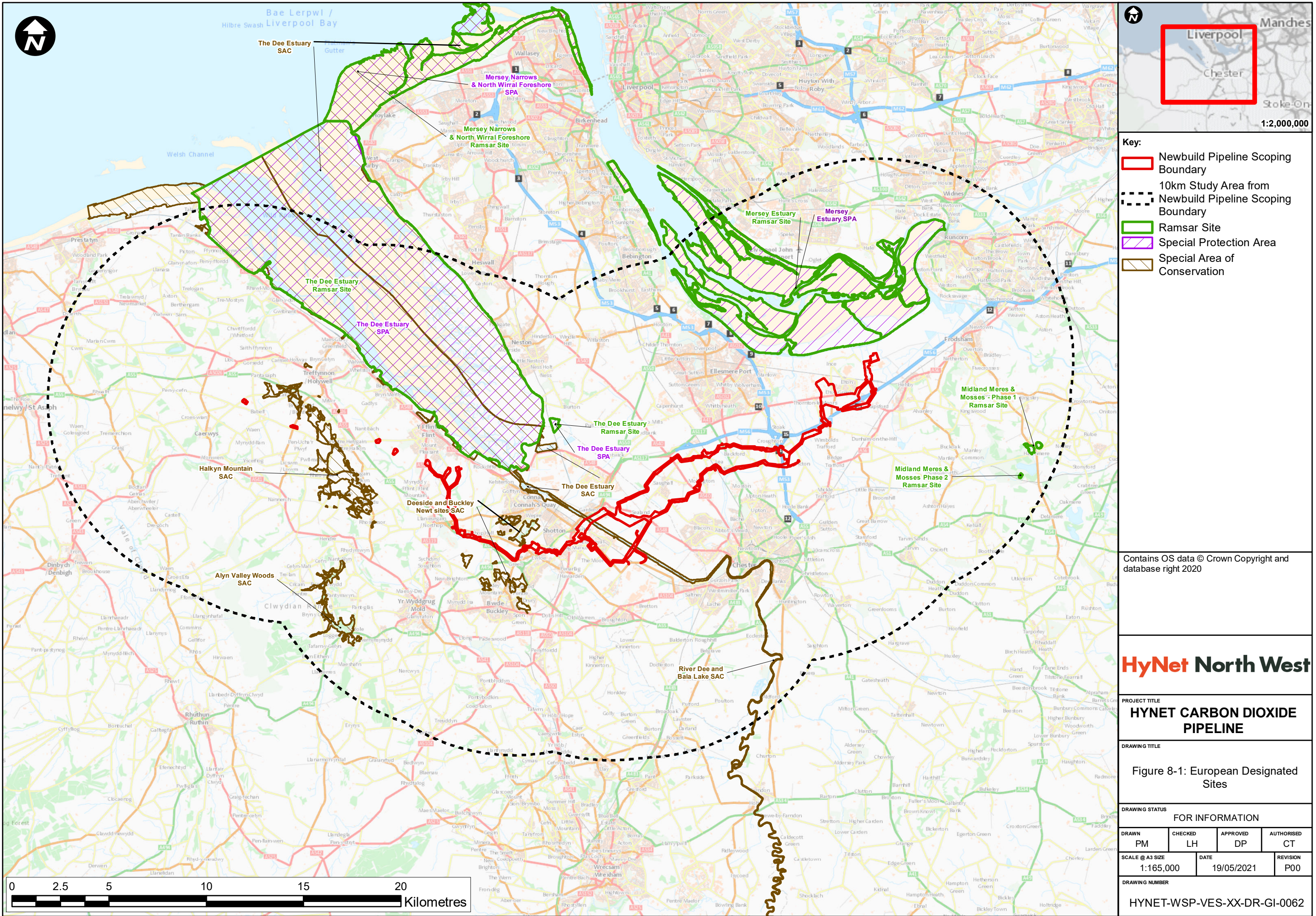
Figure 10-1: Landscape Character Areas

Figure 10-3: Viewpoint Plan

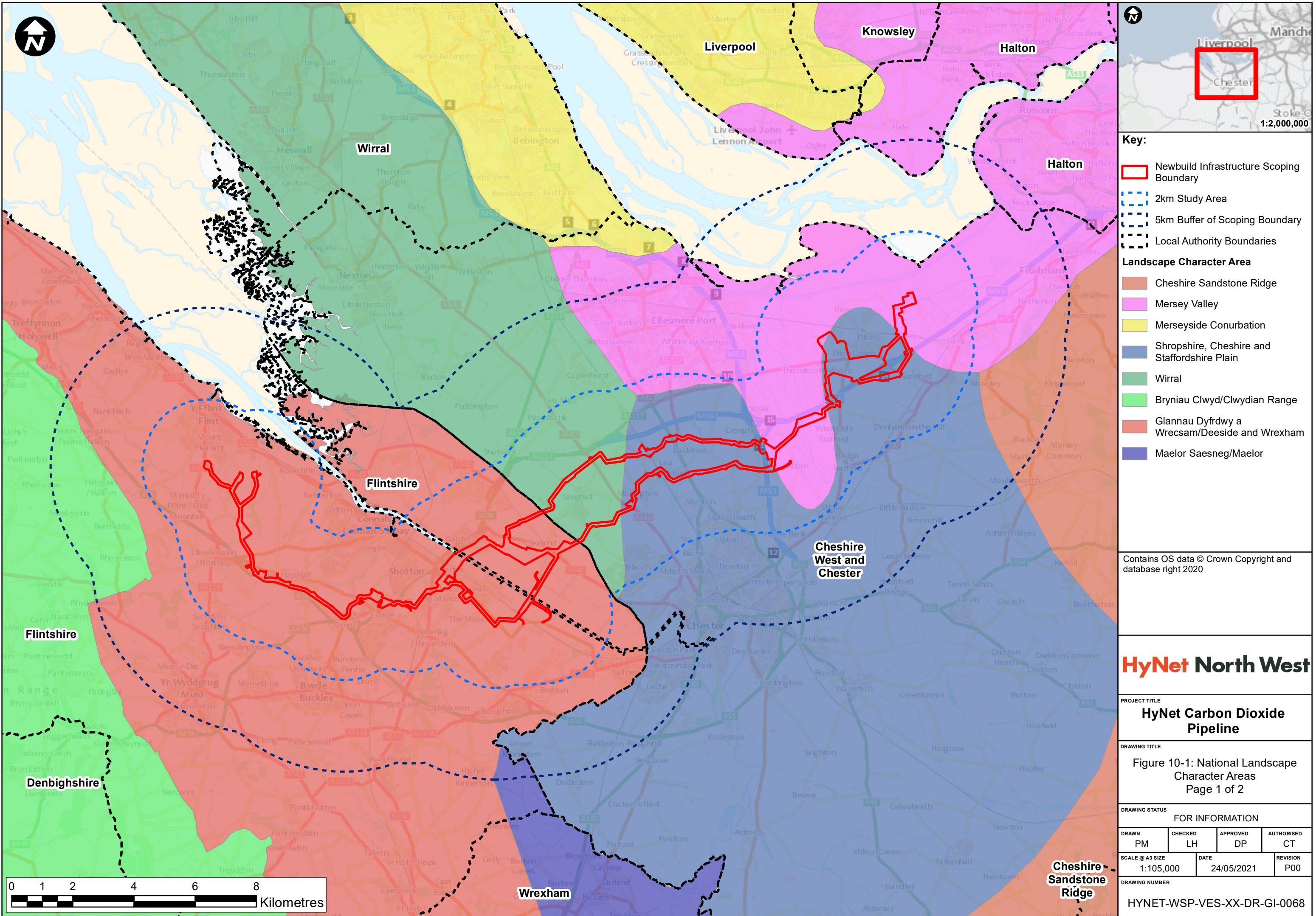
Figure 10-4: Zone of Theoretical Visibility

Figure 15-1: Traffic and Transport Study Area

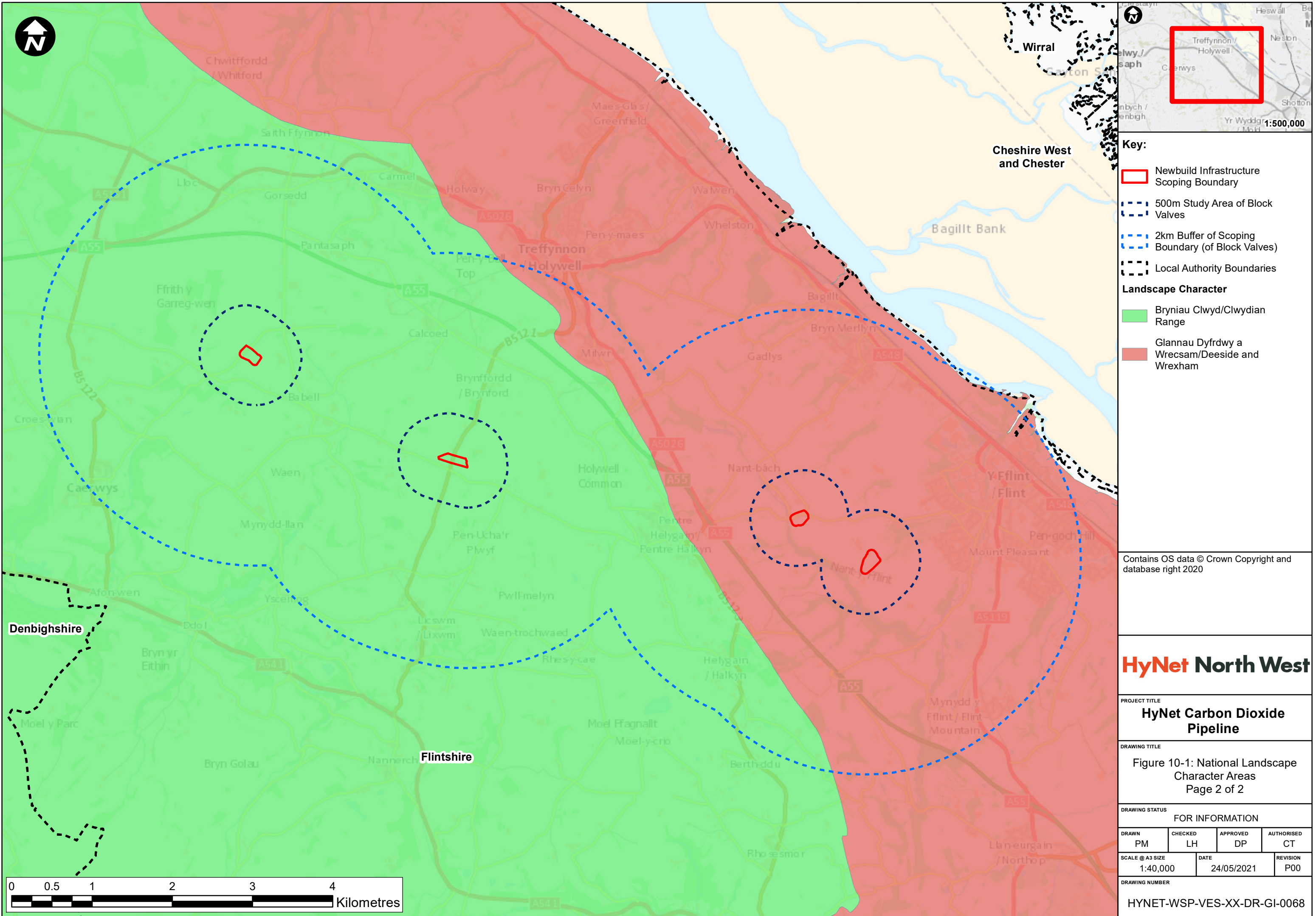




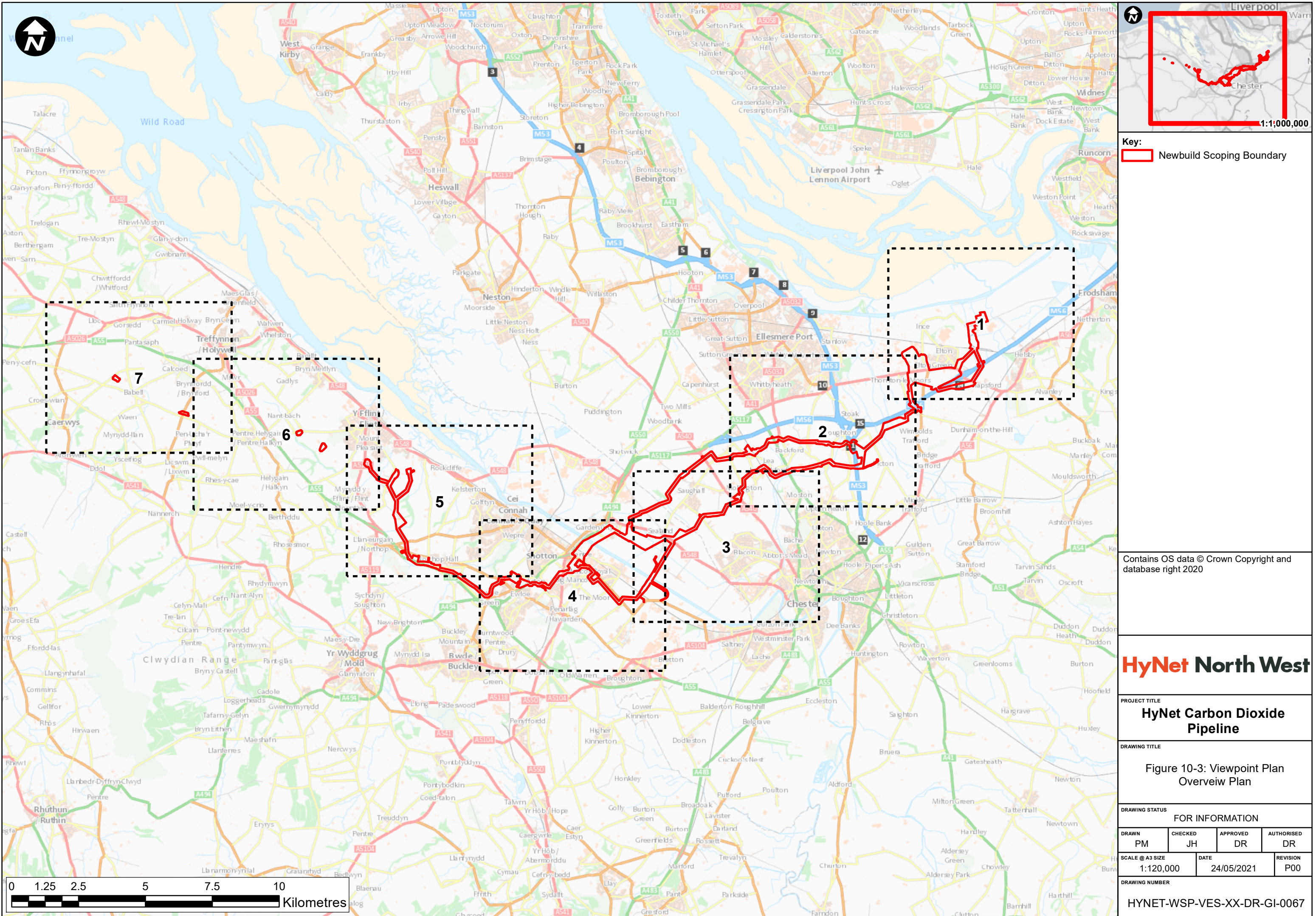




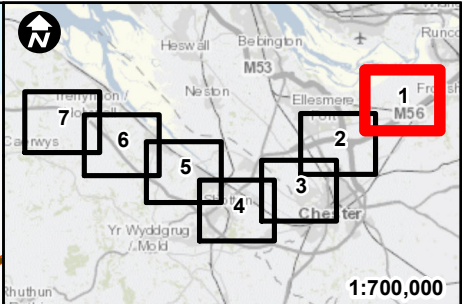
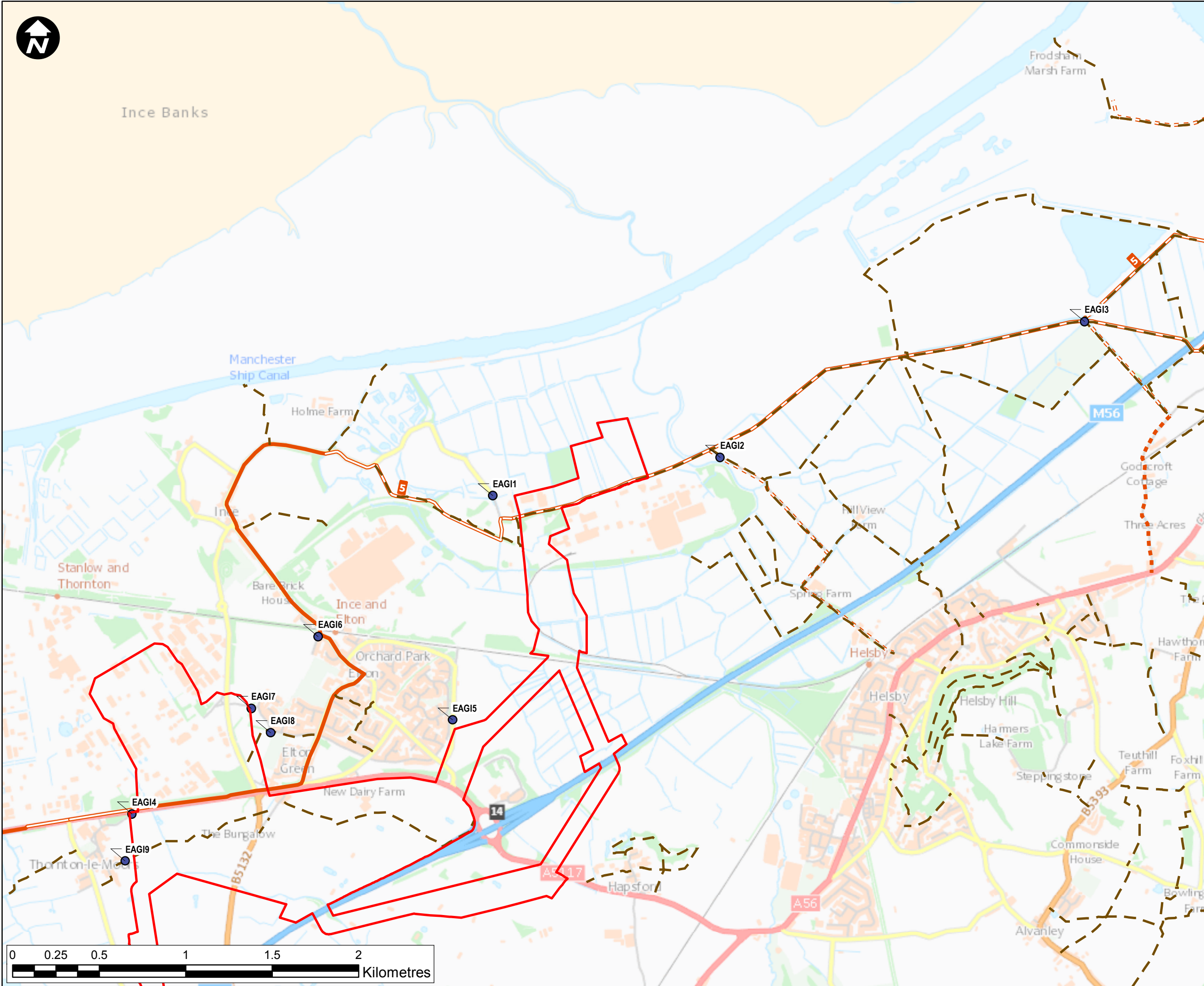












- Key:**
- Newbuild Infrastructure Scoping Boundary
  - England AGI viewpoints (Grinsome Road and Alcohols Site)
  - Public Rights of Way
  - National Cycle Route**
    - National Route (on road)
    - National Route (off road)
  - NCN Cycle Link**
    - .- NCN Link (on road)
    - .-.- NCN Link (off road)

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**HyNet North West**

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HyNet Carbon Dioxide Pipeline

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Figure 10-3: Viewpoint Plan  
Page 1 of 7

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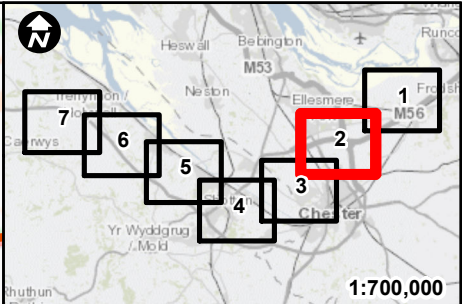
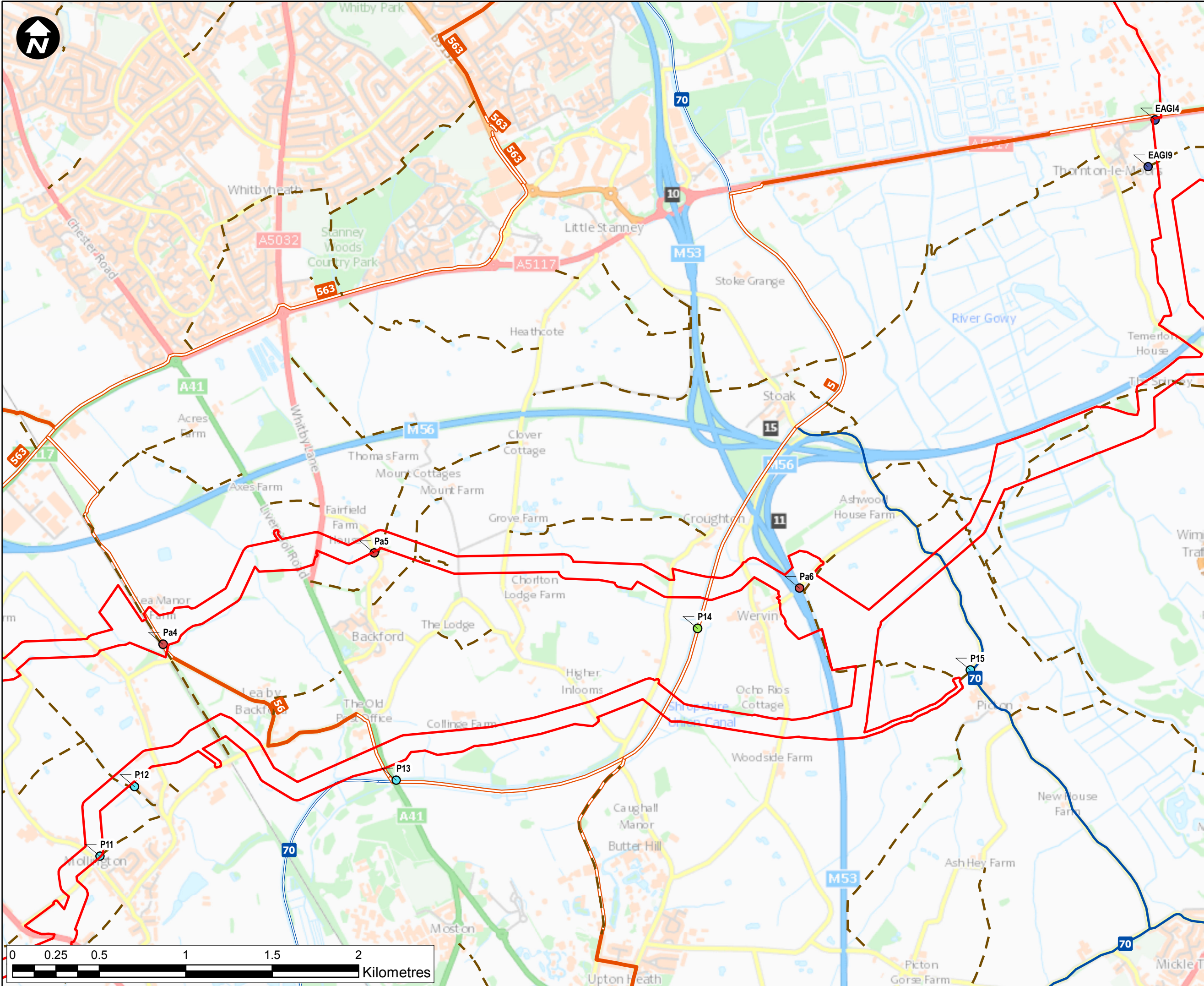
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- Key:**
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- Viewpoint Locations**
- England AGI viewpoints (Grinsome Road and Alcohols Site)
  - Pipeline Viewpoints
  - Pipeline Viewpoints (North Only Alignment)
  - Pipeline Viewpoints (Southern Only Alignment)
- Public Rights of Way**
- Public Rights of Way
- National Cycle Route**
- National Route (on road)
  - National Route (off road)
- Regional Cycle Route**
- Regional Route (on road)
  - Regional Route (off road)

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Figure 10-3: Viewpoint Plan  
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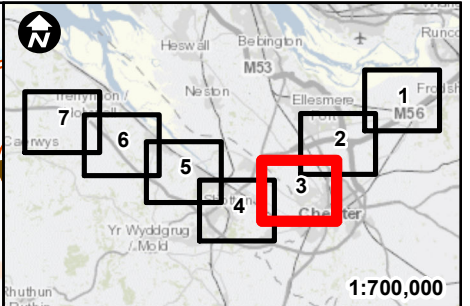
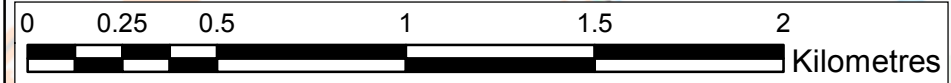
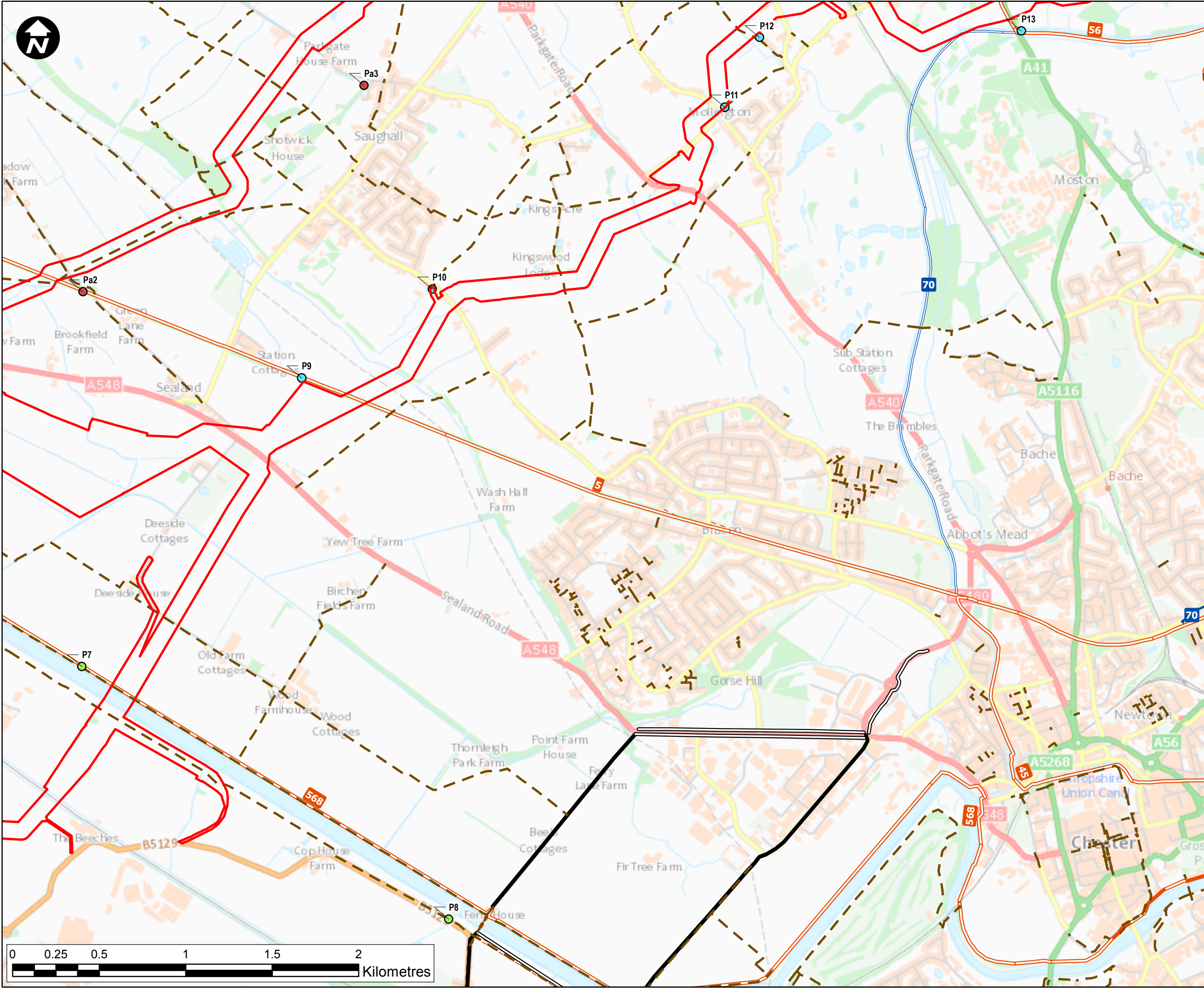
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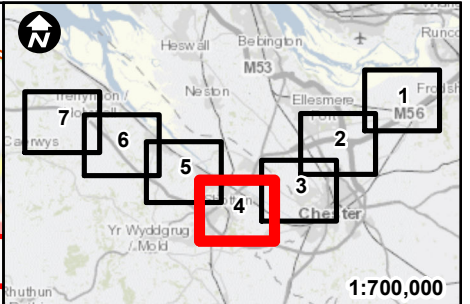
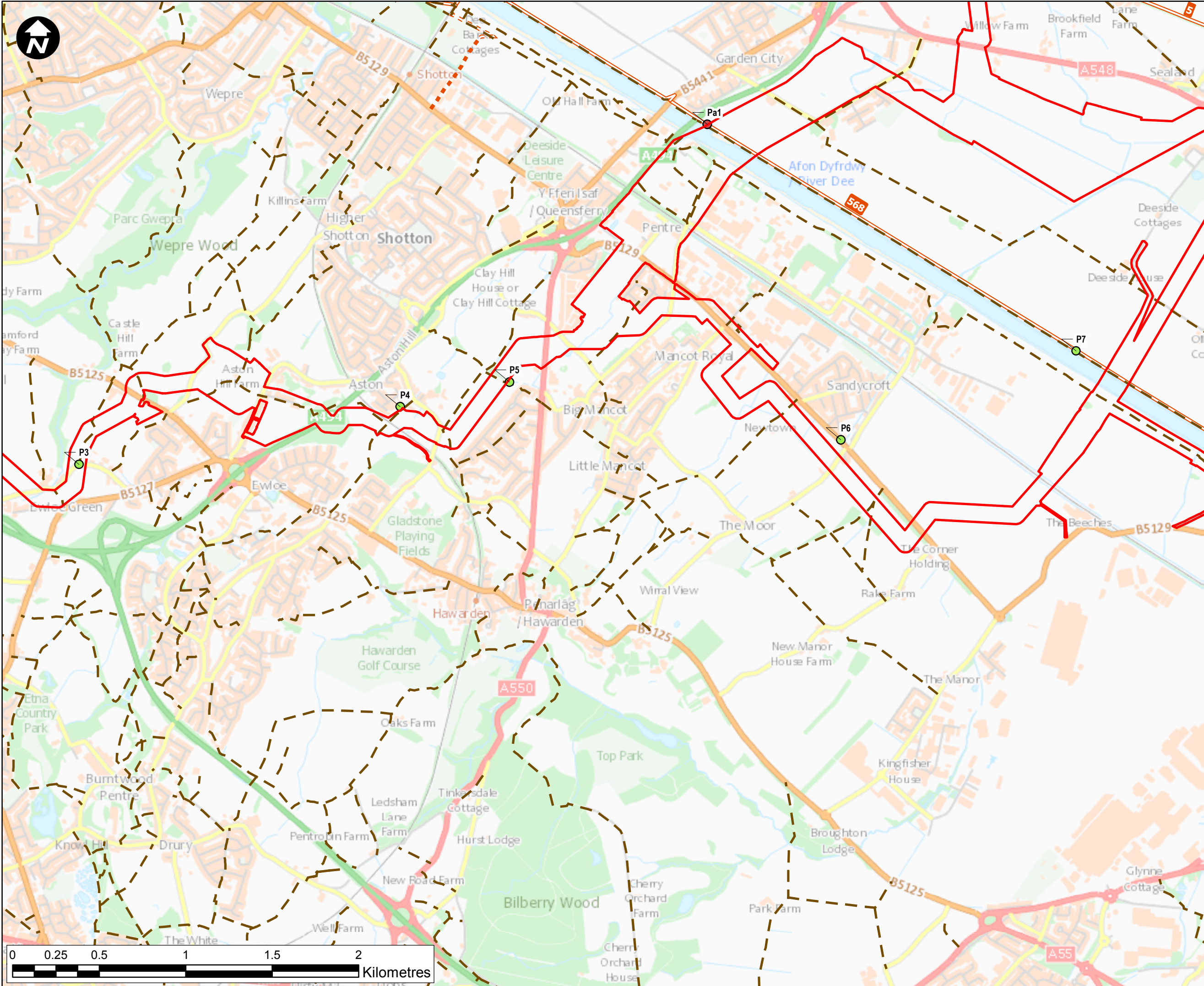
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  - Viewpoint Locations**
    - Pipeline Viewpoints
    - Pipeline Viewpoints (North Only Alignment)
    - Pipeline Viewpoints (Southern Only Alignment)
  - Public Rights of Way**
    - Public Rights of Way
  - Local Cycle Route**
    - Off Road
    - On Road
  - National Cycle Route**
    - National Route (on road)
    - National Route (off road)
  - NCN Cycle Link**
    - NCN Link (on road)
    - NCN Link (off road)
  - Regional Cycle Route**
    - Regional Route (on road)
    - Regional Route (off road)

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Figure 10-3: Viewpoint Plan Page 3 of 7			
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**Key:**

- Newbuild Infrastructure Scoping Boundary
- Pipeline Viewpoints
- Pipeline Viewpoints (North Only Alignment)
- Public Rights of Way
- National Cycle Route
- NCN Cycle Link
- NCN Link (on road)
- NCN Link (off road)

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Figure 10-3: Viewpoint Plan  
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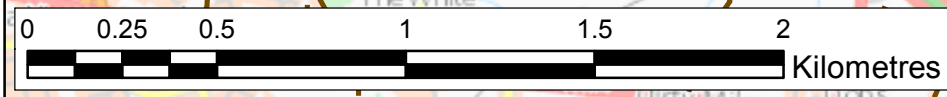
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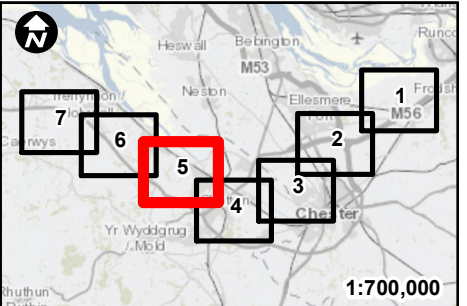
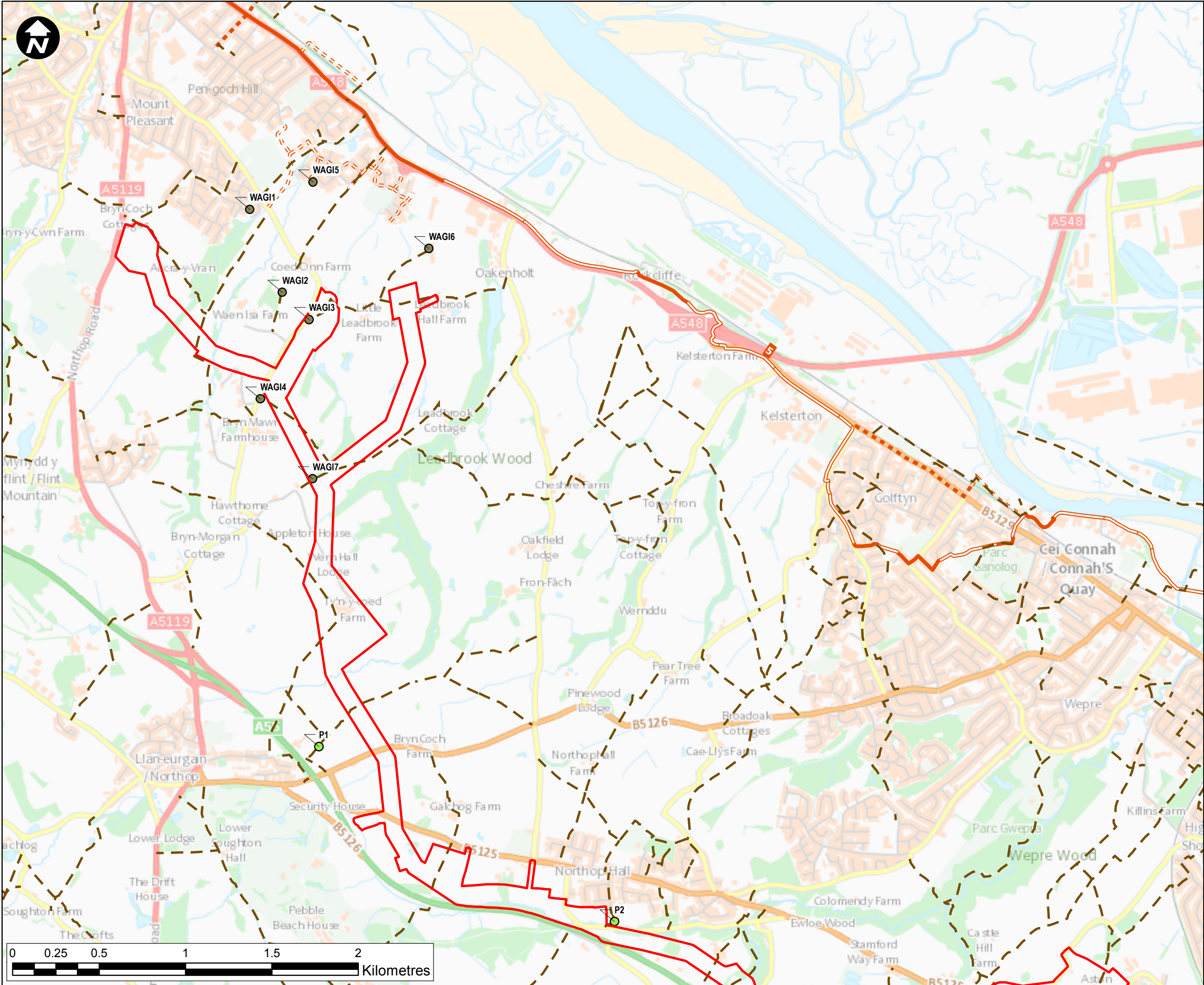
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- Key:**
- Newbuild Infrastructure Scoping Boundary
  - Pipeline Viewpoints
  - Wales AGI viewpoints (Flint)
  - Public Rights of Way
  - National Cycle Route**
    - National Route (on road)
    - National Route (off road)
  - NCN Cycle Link**
    - NCN Link (on road)
    - NCN Link (off road)

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**Figure 10-3: Viewpoint Plan  
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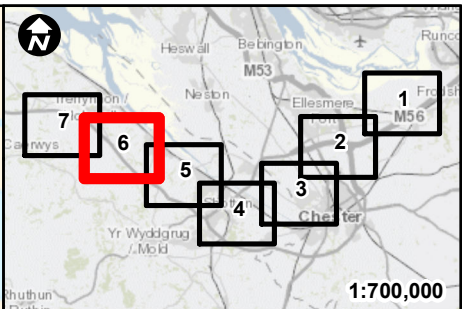
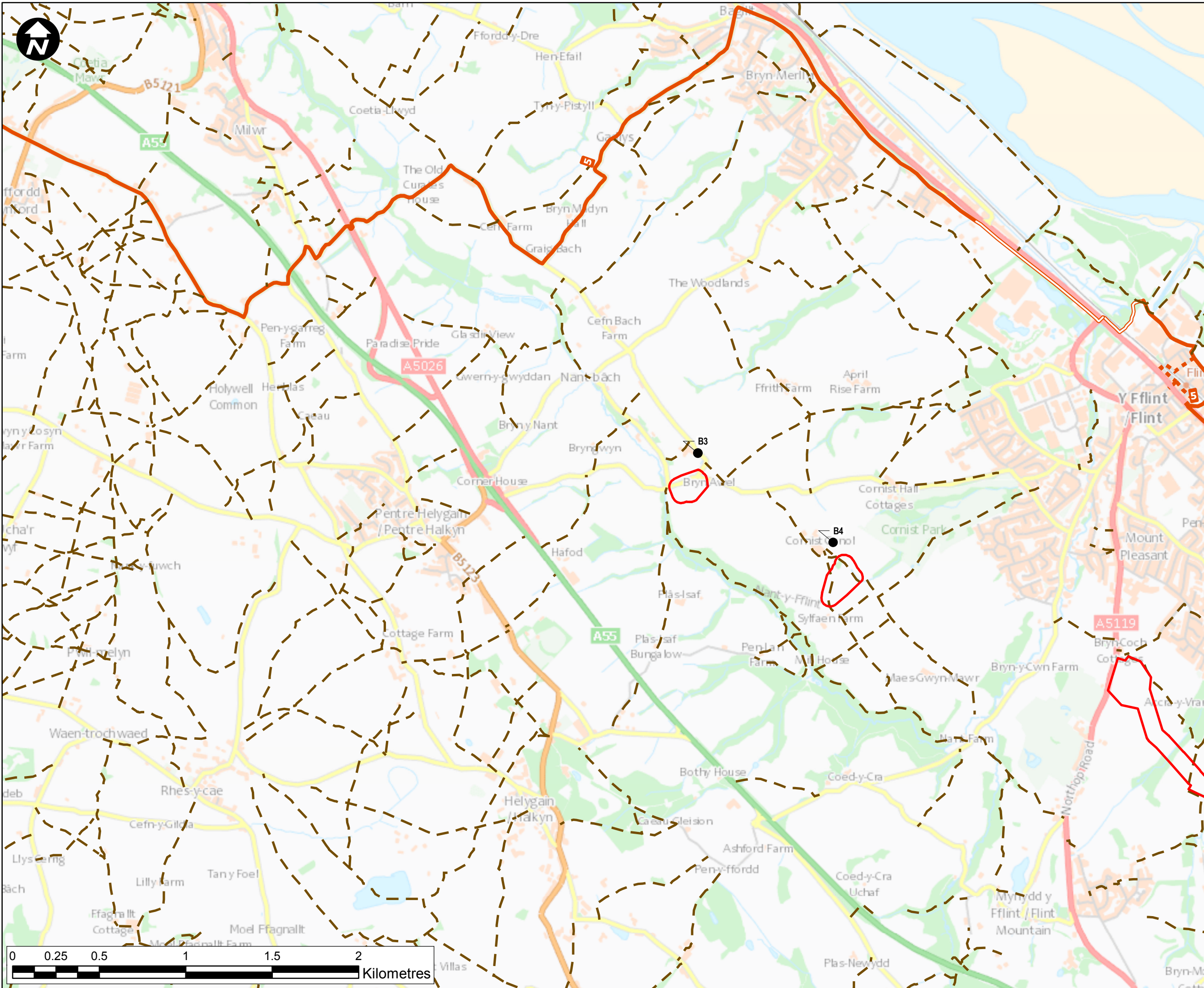
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- Key:**
- Newbuild Infrastructure Scoping Boundary
  - Block Valve Viewpoints (indicative)
  - Public Rights of Way
  - National Cycle Route**
    - National Route (on road)
    - National Route (off road)
  - NCN Cycle Link**
    - NCN Link (on road)

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**Figure 10-3: Viewpoint Plan**  
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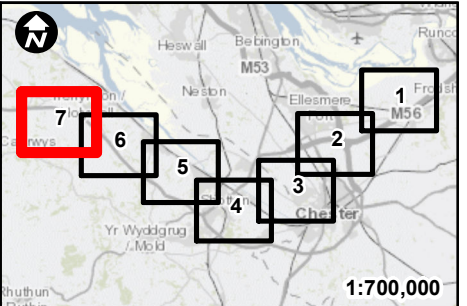
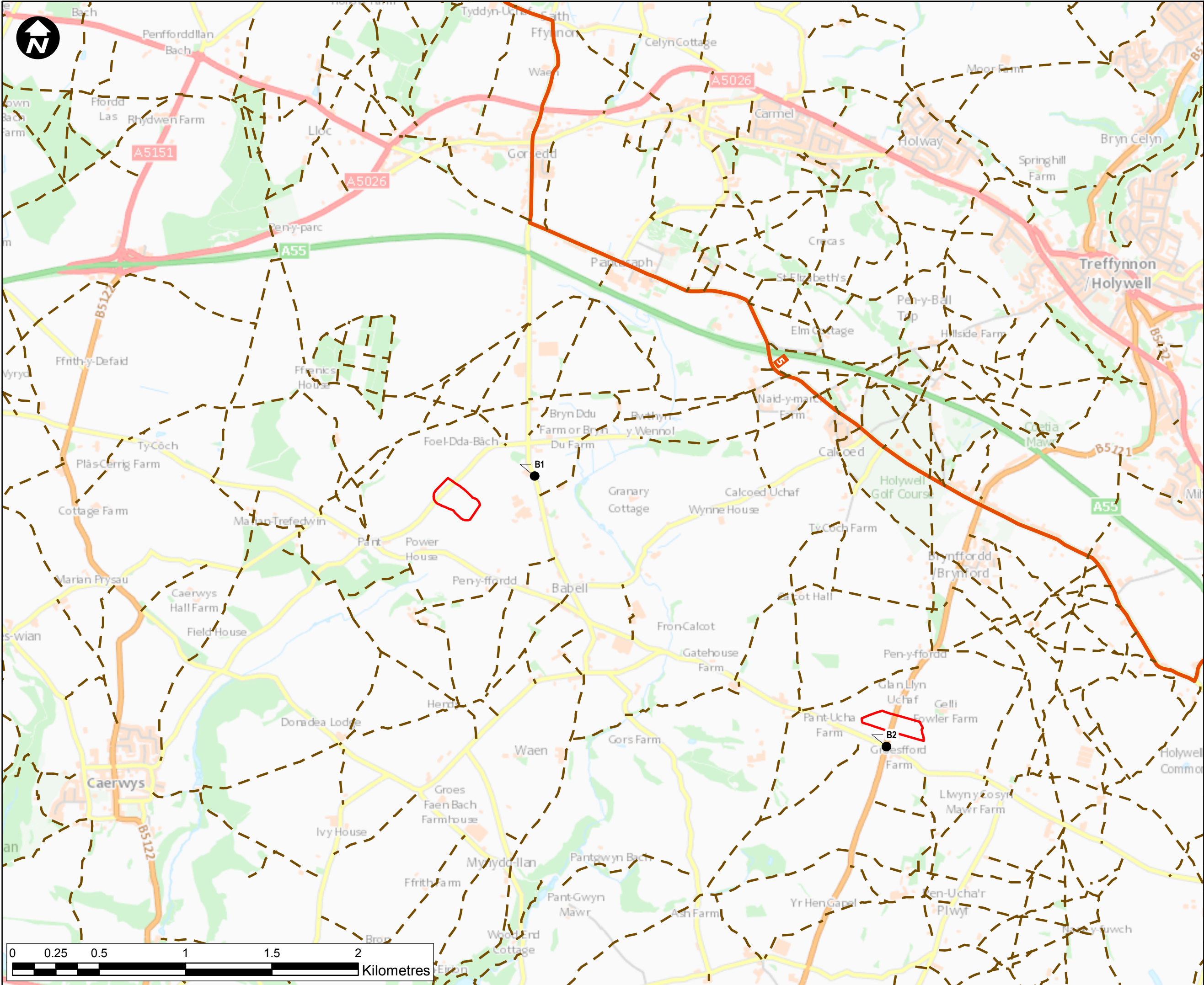
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- Key:**
- Newbuild Infrastructure Scoping Boundary
  - Viewpoint Locations**
    - Block Valve Viewpoints (indicative)
  - Public Rights of Way**
    - Public Rights of Way
  - National Cycle Route**
    - National Route (on road)

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**HyNet Carbon Dioxide Pipeline**

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Figure 10-3: Viewpoint Plan  
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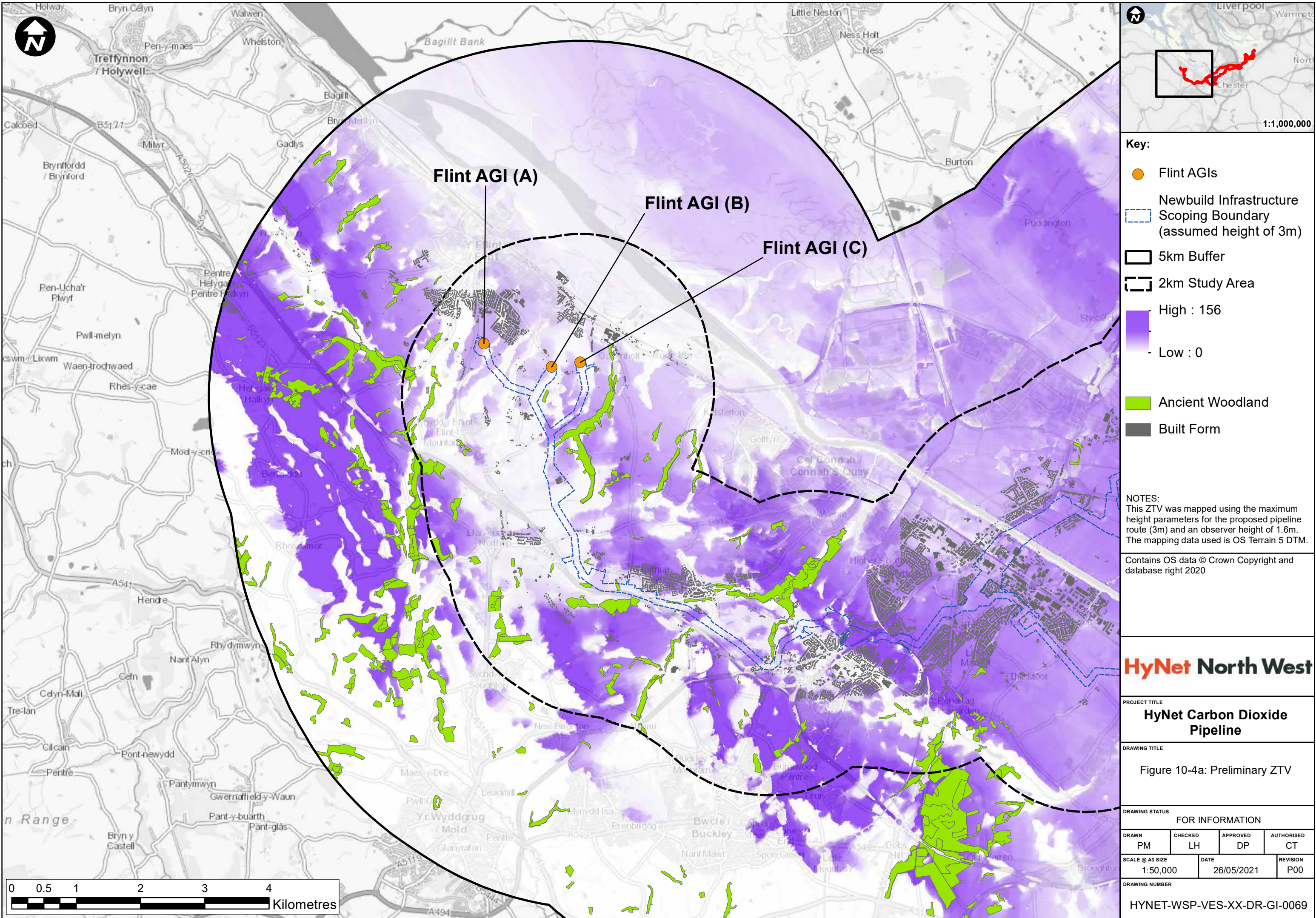
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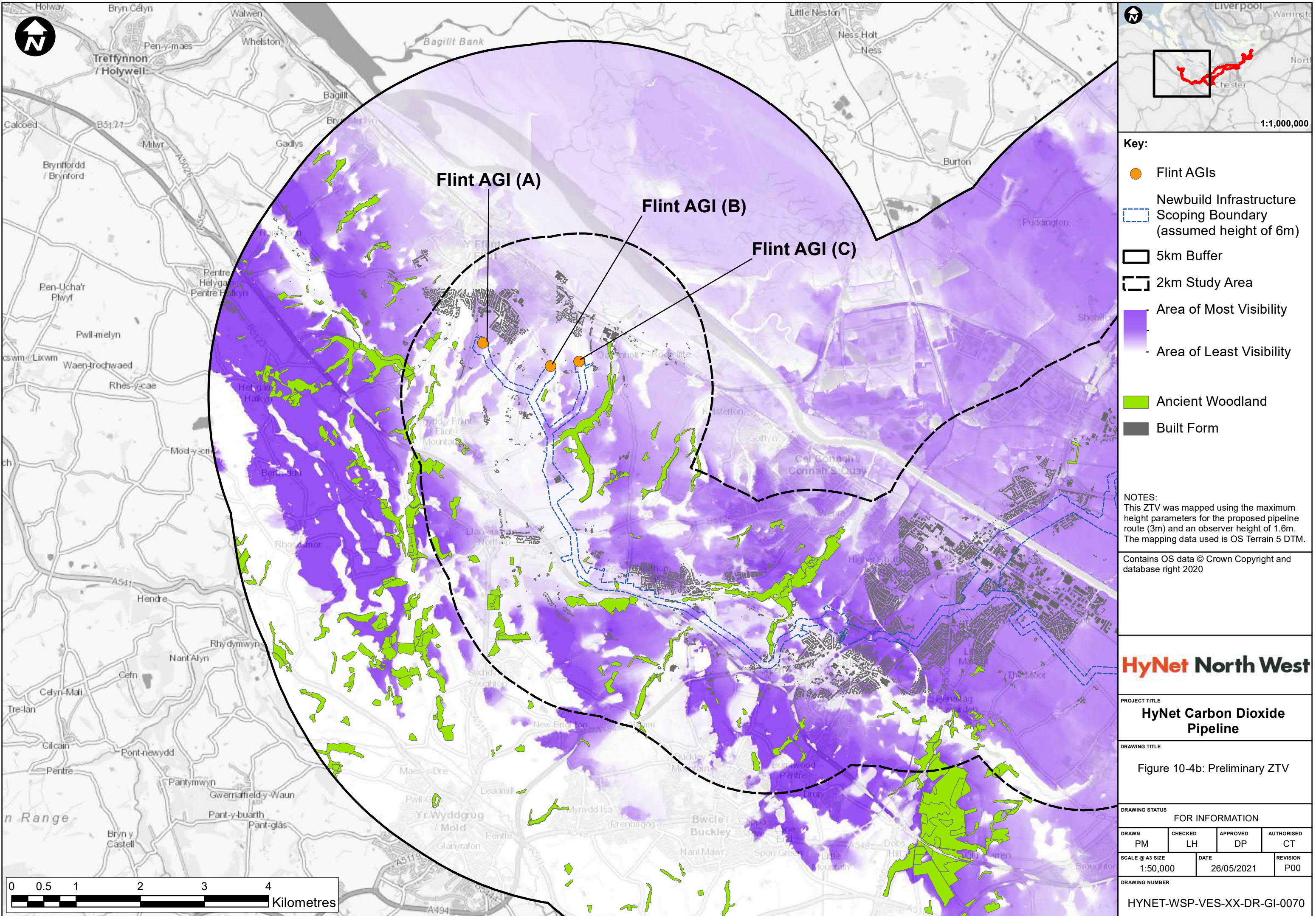
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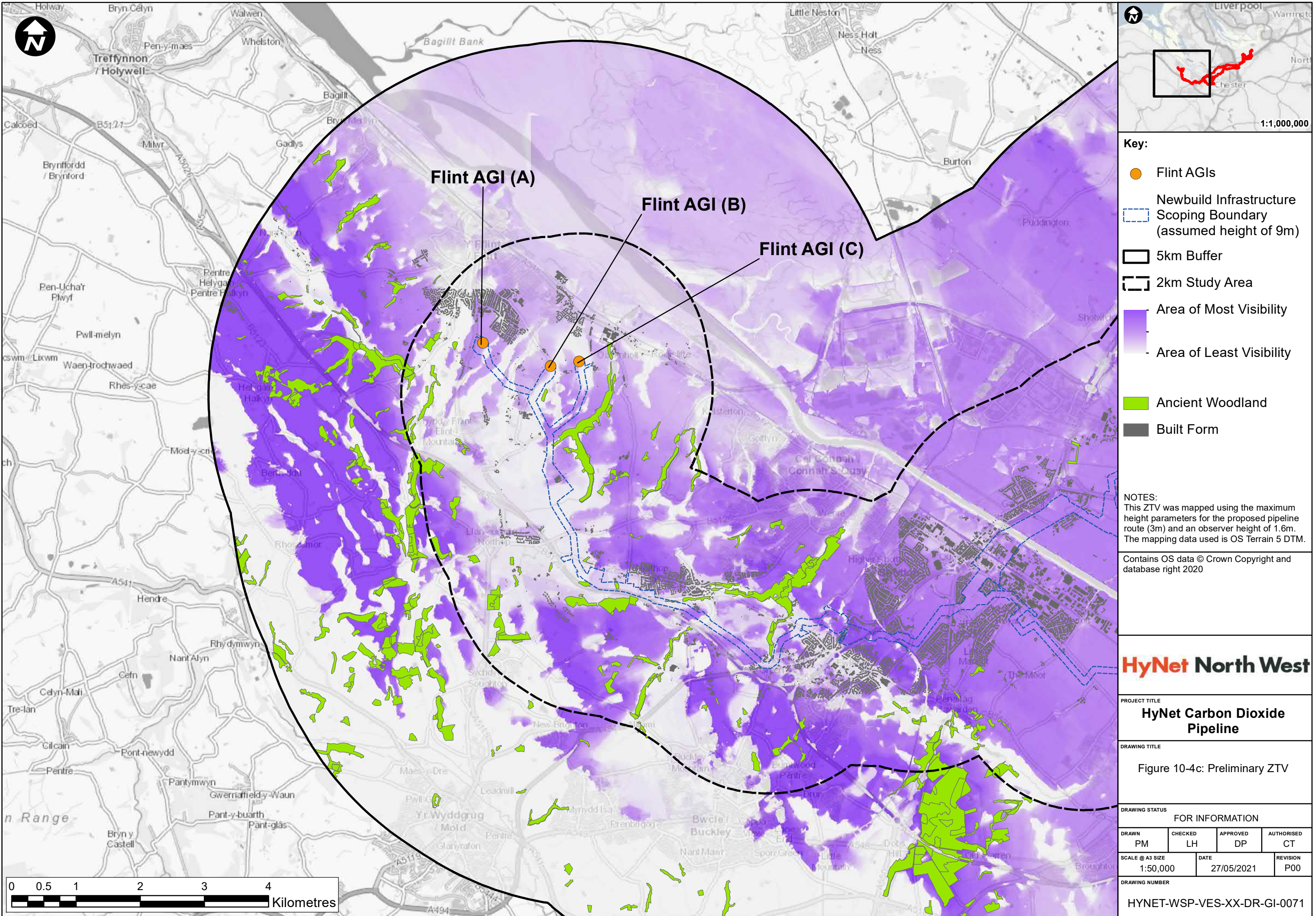




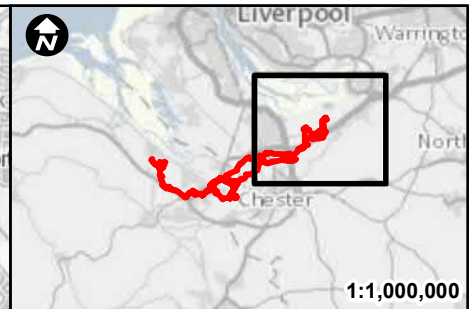
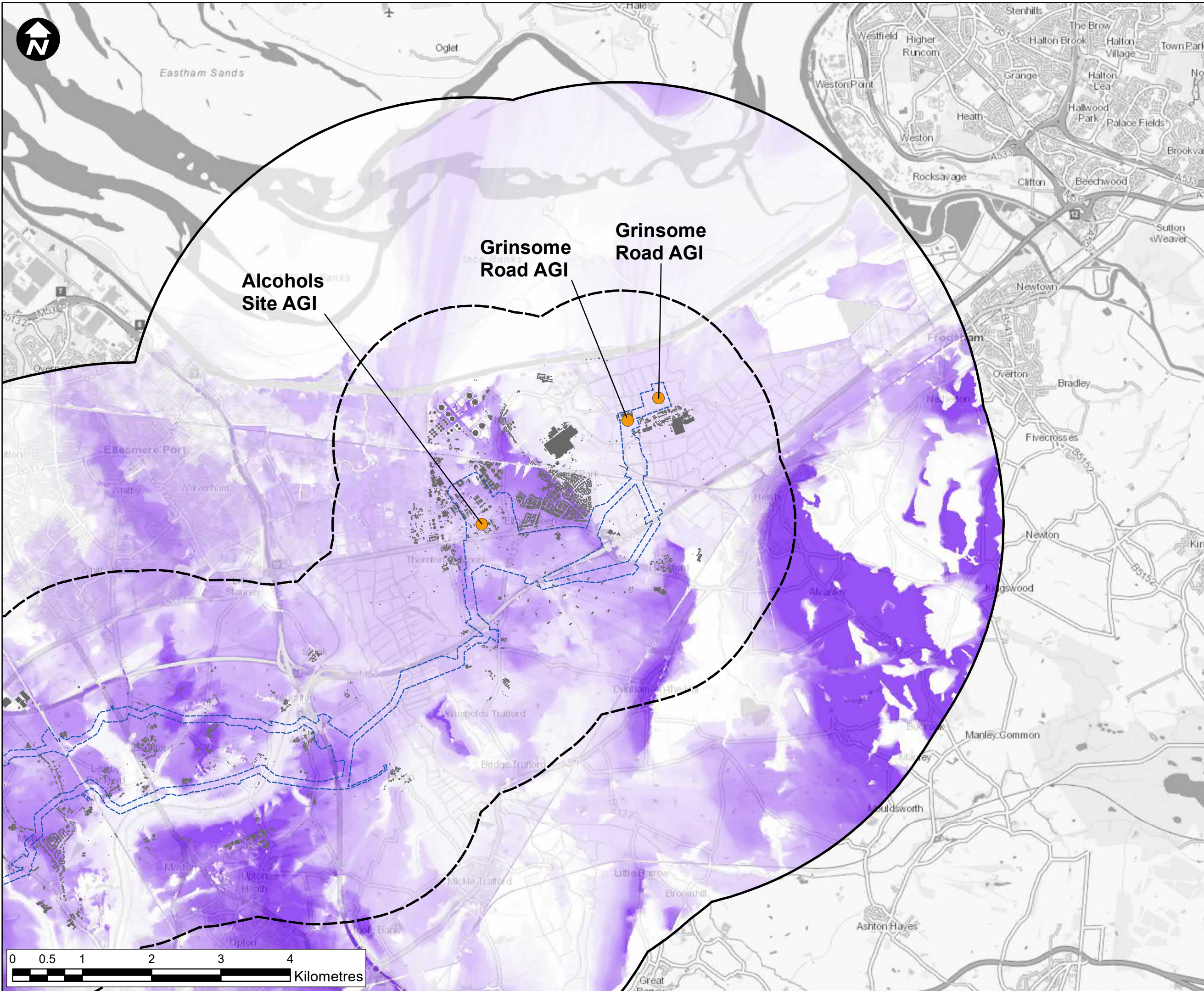












- Key:**
- AGIs
  - Newbuild Infrastructure Scoping Boundary (assumed height of 3m)
  - 5km Buffer
  - 2km Study Area
  - Area of Most Visibility
  - Area of Least Visibility
  - Ancient Woodland
  - Built Form

**NOTES:**  
This ZTV was mapped using the maximum height parameters for the proposed pipeline route (3m) and an observer height of 1.6m. The mapping data used is OS Terrain 5 DTM.

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**PROJECT TITLE**  
**HyNet Carbon Dioxide Pipeline**

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Figure 10-4d: Preliminary ZTV

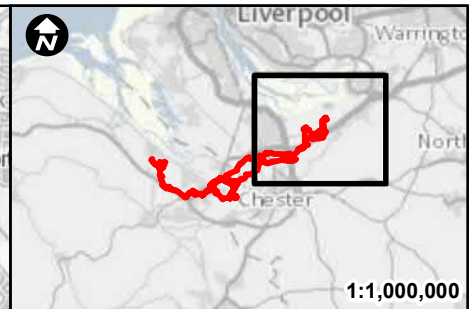
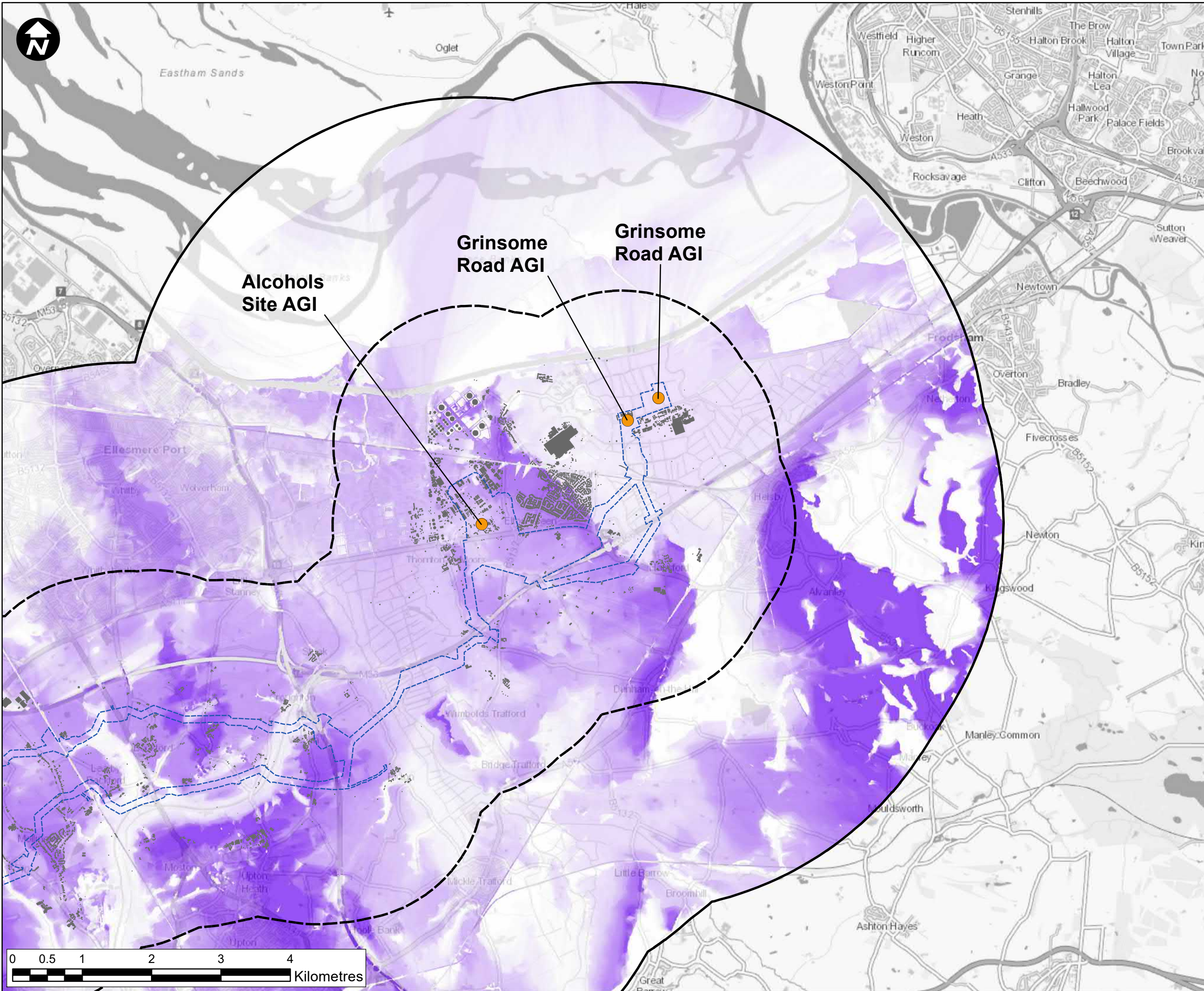
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**DRAWING NUMBER**  
HYNET-WSP-VES-XX-DR-GI-0072





- Key:**
- AGIs
  - Newbuild Infrastructure Scoping Boundary (assumed height of 6m)
  - 5km Buffer
  - 2km Study Area
  - Area of Most Visibility
  - Area of Least Visibility
  - Ancient Woodland
  - Built Form

**NOTES:**  
This ZTV was mapped using the maximum height parameters for the proposed pipeline route (3m) and an observer height of 1.6m. The mapping data used is OS Terrain 5 DTM.

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**HyNet Carbon Dioxide Pipeline**

**DRAWING TITLE**  
Figure 10-4e: Preliminary ZTV

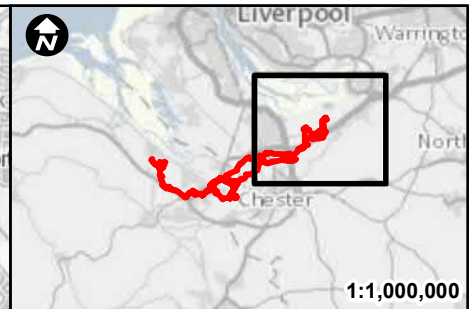
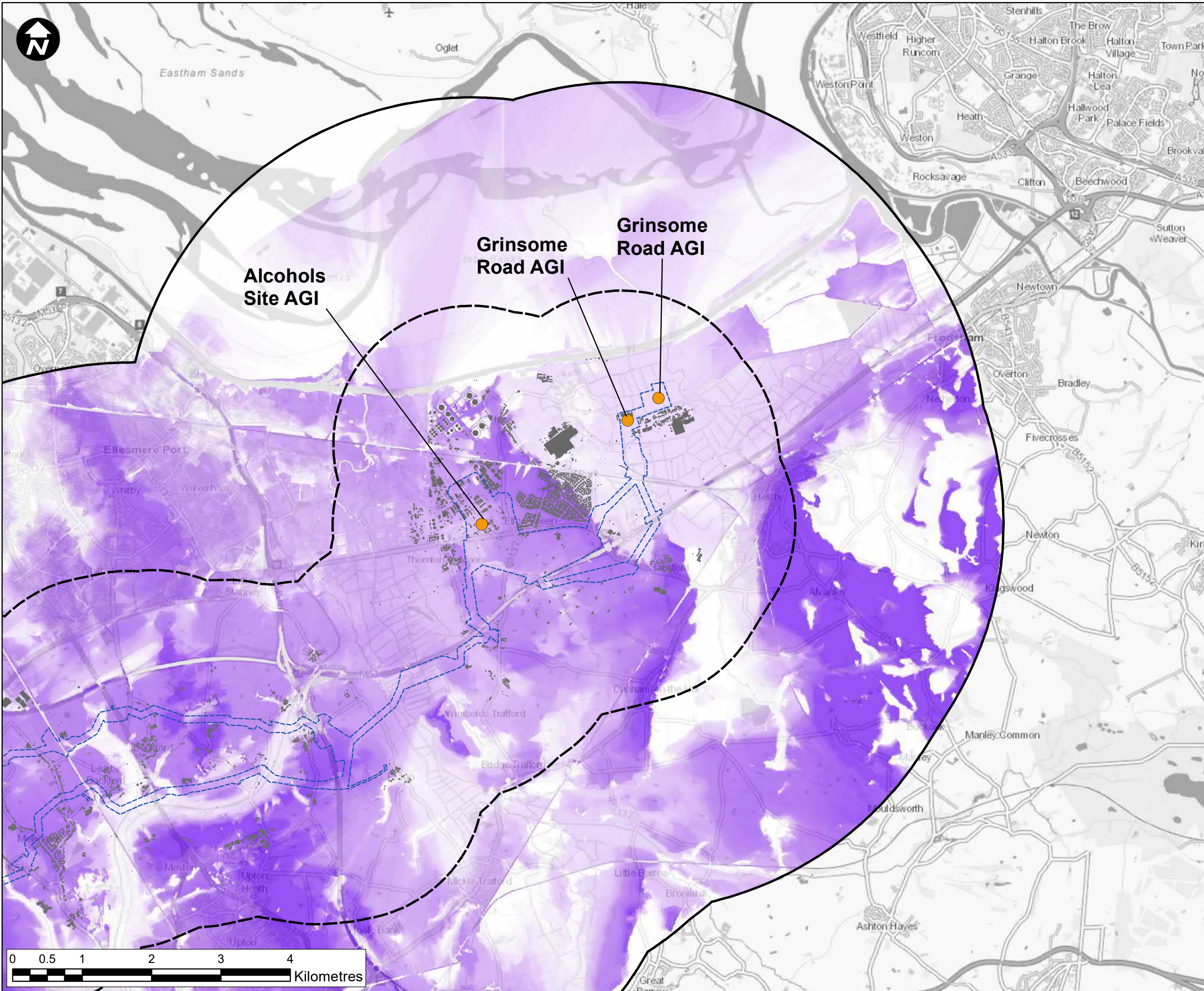
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HYNET-WSP-VES-XX-DR-GI-0073





- Key:**
- AGIs
  - Newbuild Infrastructure Scoping Boundary (assumed height of 9m)
  - 5km Buffer
  - 2km Study Area
  - Area of Most Visibility
  - Area of Least Visibility
  - Ancient Woodland
  - Built Form

**NOTES:**  
This ZTV was mapped using the maximum height parameters for the proposed pipeline route (3m) and an observer height of 1.6m. The mapping data used is OS Terrain 5 DTM.

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**PROJECT TITLE**  
**HyNet Carbon Dioxide Pipeline**

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Figure 10-4f: Preliminary ZTV

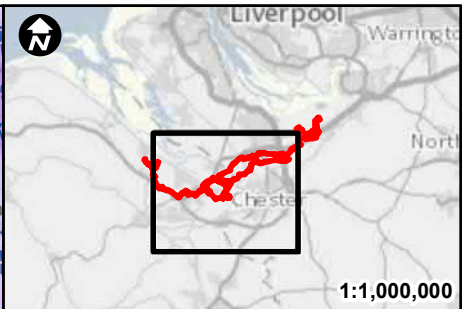
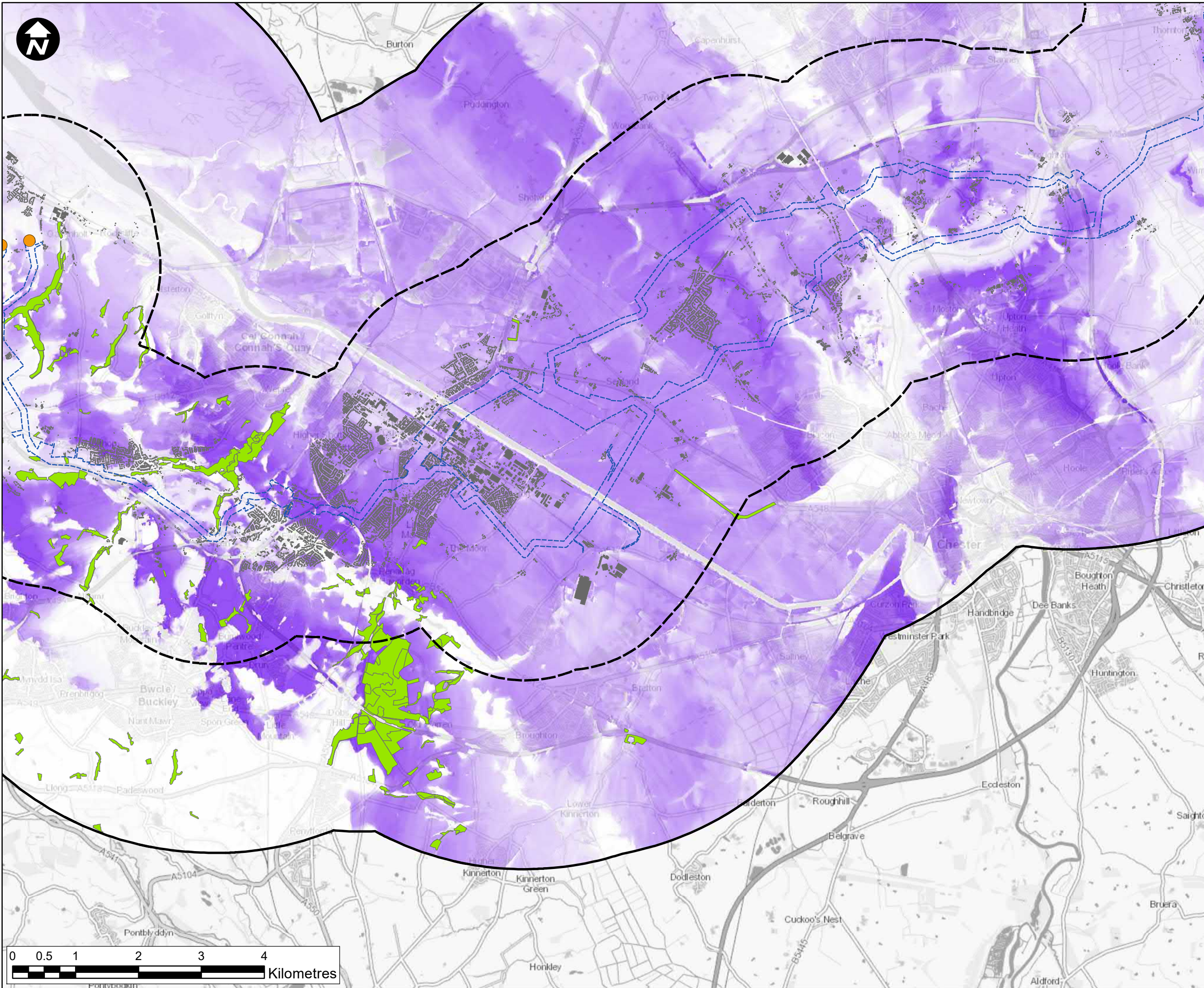
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HYNET-WSP-VES-XX-DR-GI-0074





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- AGIs
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  - 5km Buffer
  - 2km Study Area
  - Area of Most Visibility
  - Area of Least Visibility
  - Ancient Woodland
  - Built Form

**NOTES:**  
This ZTV was mapped using the maximum height parameters for the proposed pipeline route (3m) and an observer height of 1.6m. The mapping data used is OS Terrain 5 DTM.

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**HyNet Carbon Dioxide Pipeline**

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**Figure 10-4g: Preliminary ZTV**

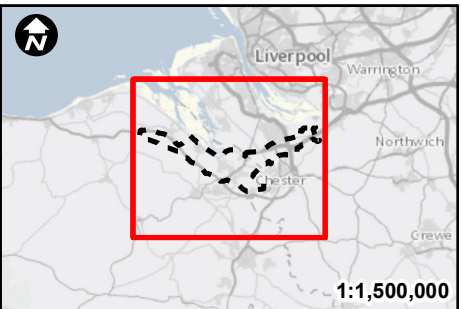
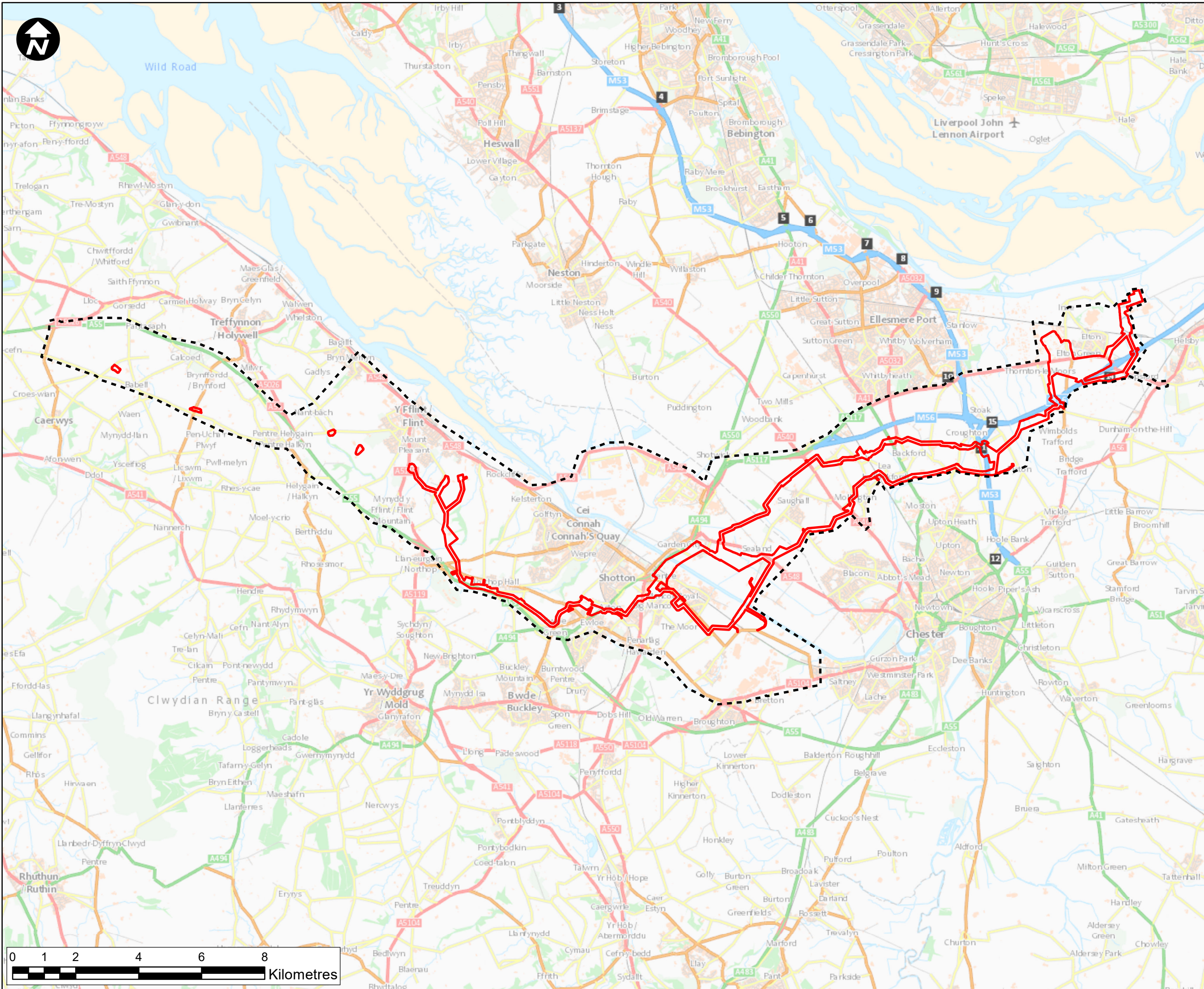
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**HYNET-WSP-VES-XX-DR-GI-0075**





Key:

- Newbuild Infrastructure
- Scoping Boundary
- Traffic and Transport Study Area

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**HYNET CARBON DIOXIDE PIPELINE**

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**Figure 15-1: Traffic and Transport Study Area**

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