

M60/M62/M66 Simister Island Interchange

TR010064

ENVIRONMENTAL STATEMENT FIGURES CHAPTER 7 LANDSCAPE AND VISUAL (FIGURES 7.1-7.5)

APFP 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

**M60/M62/M66 Simister Island Interchange
Development Consent Order 202[]**

**ENVIRONMENTAL STATEMENT FIGURES
CHAPTER 7 LANDSCAPE AND VISUAL (FIGURES 7.1-7.5)**

| | |
|---|---|
| Regulation Reference | 5(2)(a) |
| Planning Inspectorate Scheme Reference | TR010064 |
| Application Document Reference | TR010064/APP/6.2 |
| Author | M60/M62/M66 Simister Island Interchange Costain Jacobs Partnership Project Team & National Highways |

| Version | Date | Status of Version |
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| P01 | April 2024 | DCO APPLICATION ISSUE |

CONTENTS

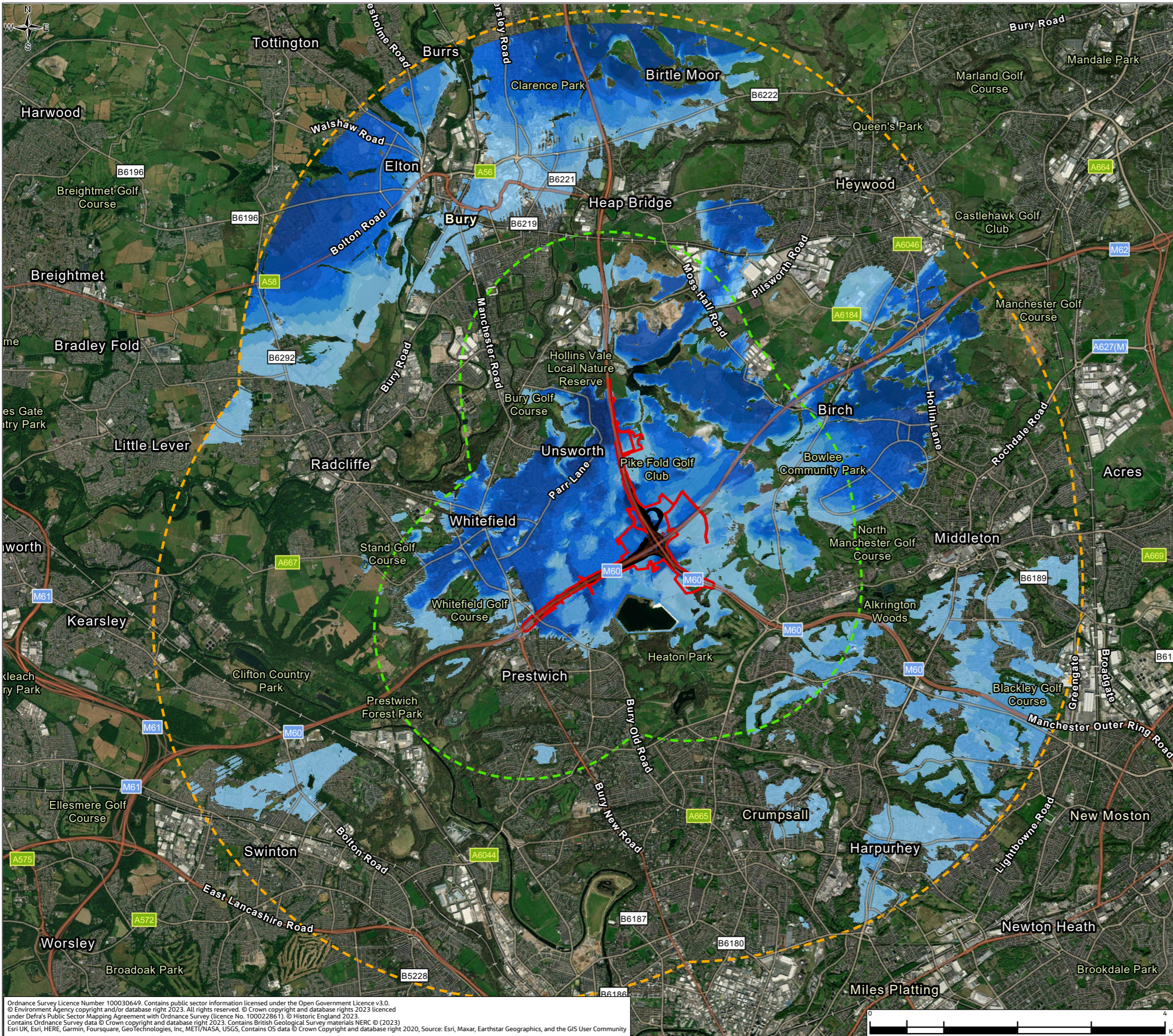
Environmental Statement Figures Chapter 7 Landscape and Visual (Figures 7.1-7.5)1

Environmental Statement Figures Chapter 7 Landscape and Visual (Figures 7.1-7.5)

1.1.1 This document contains the following figures:

- Figure 7.1 Zone of Theoretical Visibility
- Figure 7.2 Zone of Theoretical Visibility with Screening Features
- Figure 7.3 Key Landscape Designations and Features
- Figure 7.4 Local Landscape and Townscape Character Areas
- Figure 7.5 Representative Viewpoints and Photomontage Locations

FIGURE 7.1



Legend

- Scheme highway design
- Order Limits
- 2km Assessment Study Area
- 5km Overarching Study Area

Zone of Theoretical Visibility (ZTV)

Number of target points visible

- 1-25
- 26-50
- 51-75
- 76-100
- 101-125
- 126-150
- 151-175
- 176-200

Notes:

1. Representative viewpoint locations and photomontage locations are shown on Figure 7.5 of the Environmental Statement Figures (TR010064/APP/6.2), which also includes the ZTV.
2. The ZTV illustrates the extent to which the layout is theoretically visible from within the surrounding landscape. It is based on existing terrain (i.e. 'bare earth'), and does not take account of potential screening by intervening vegetation or built form. Refer to Appendix 7.1 of the Environmental Statement Appendices (TR010064/APP/6.3) for the detailed methodology.
3. The ZTV has been modelled using digital software (Arc GIS) and a OS Terrain5 Digital Terrain Model.
4. Theoretical visibility is based on the height of a Heavy Goods Vehicle (HGV) travelling along the Scheme (modelled at a height of 4.5m above carriageway centreline) with a viewing height of 1.7m above ground level and modelled with target points at 50m intervals along the Scheme.



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| P01 | JAN 24 | For DCO application | LT | MS | JR | BB |
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Client

Project

**REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE**

Drawing Title

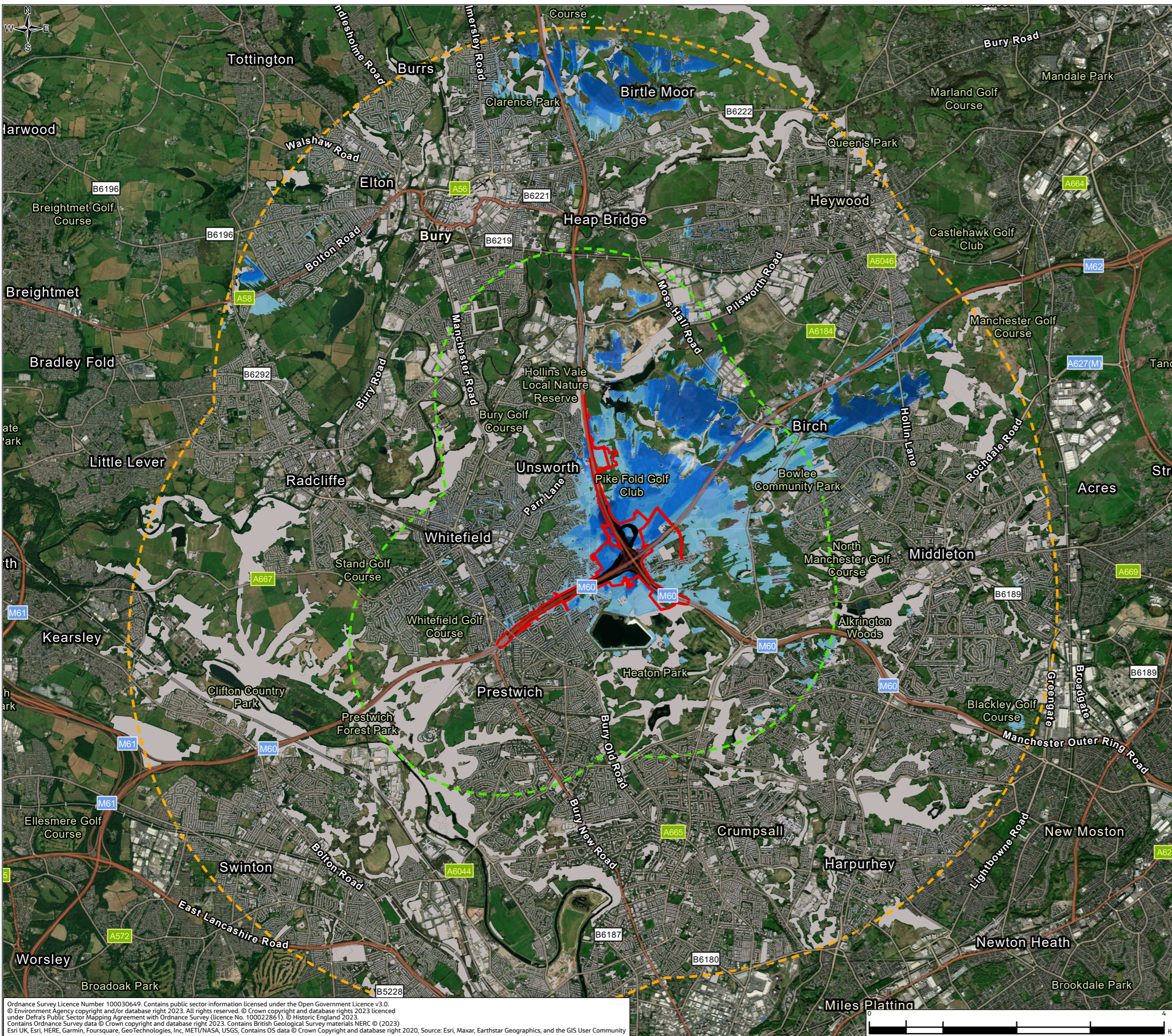
**ENVIRONMENTAL STATEMENT
ZONE OF THEORETICAL VISIBILITY**

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| Drawing Status | S4 – SUITABLE FOR STAGED APPROVAL | |
| Scale @ A3 | 1:50,000 | DO NOT SCALE |
| Jacobs No. | B36601F0 | Rev P01 |
| Client No. | HE548642 | |
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FIGURE 7.2



Legend

- Scheme highway design
- Order Limits
- 2km Assessment Study Area
- 5km Overarching Study Area
- Screening Features

Zone of Theoretical Visibility (ZTV)

Number of target points visible

- 1-25
- 26-50
- 51-75
- 76-100
- 101-125
- 126-150
- 151-175
- 176-200

Notes:

- The ZTV illustrates the extent of theoretical visibility of the Scheme with the addition of buildings and significant vegetation to show the potential screening effects from these features.
- The ZTV is modelled using the same data and modelling parameters as Figure 7.1 of the Environmental Statement Figures (TR010064/APP/6.2) with the addition of buildings modelled from OS Mastermap and significant woodland modelled from the National Forest Inventory (NFI). Refer to Appendix 7.1 of the Environmental Statement Appendices (TR010064/APP/6.3) for the detailed methodology.
- All buildings and blocks of trees and woodland within the figure are modelled at a height of 10m. Trees within the extent of the red line boundary are omitted in order to represent a worst-case scenario where all existing vegetation would be removed.
- The NFI data does not include all trees but is focused on woodland of at least 0.5ha and minimum 20m width. While the NFI data includes blocks of deciduous woodland, the blocks are considered to generally provide an effective screen, even during winter, due to the width of the blocks.



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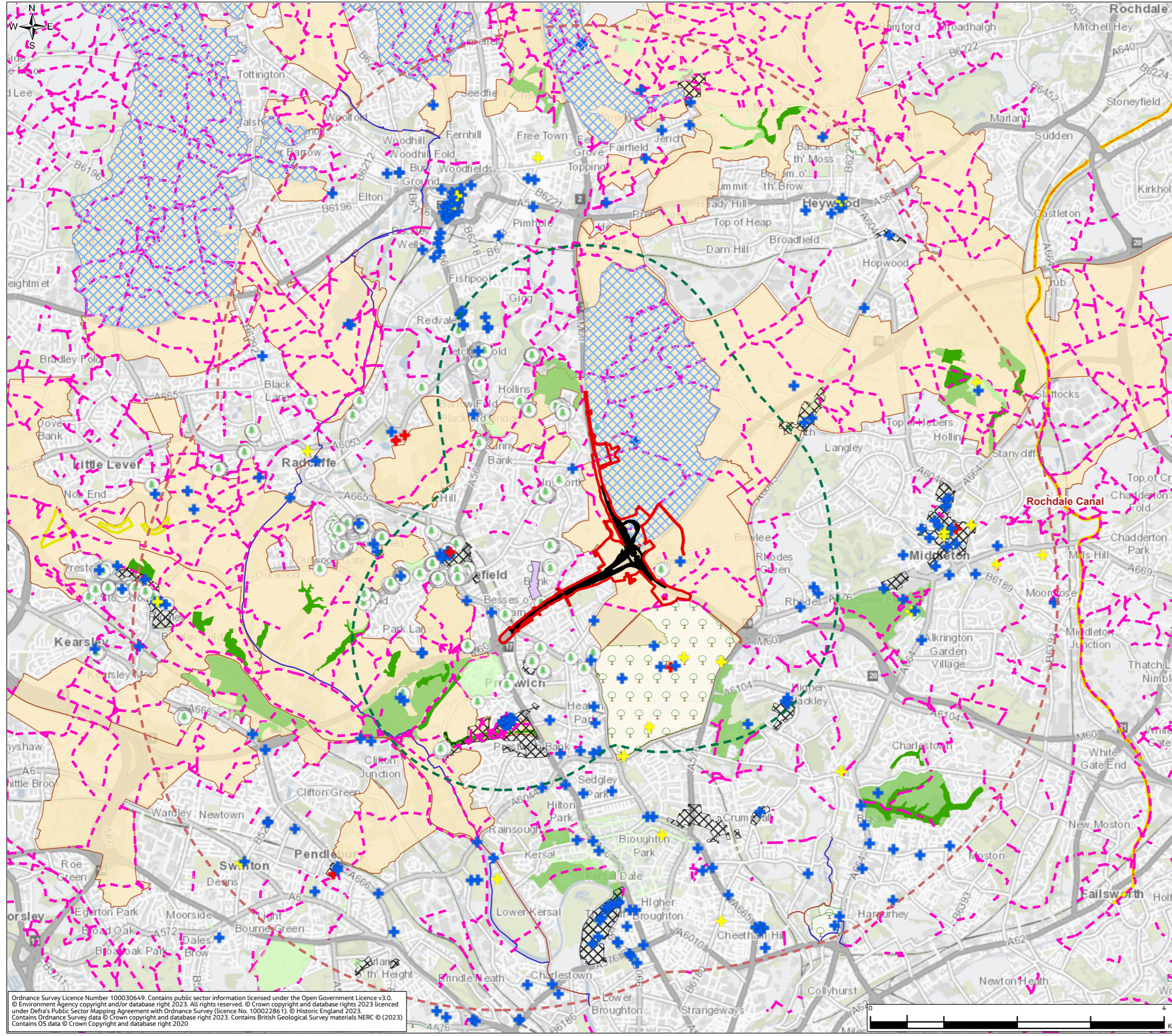
**REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE**

Drawing Title

**ENVIRONMENTAL STATEMENT
ZONE OF THEORETICAL VISIBILITY
WITH SCREENING FEATURES**

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FIGURE 7.3



- Legend**
- Scheme highway design
 - Order Limits
 - 2km Assessment Study Area
 - 5km Overarching Study Area
 - Grade I
 - Grade II
 - Grade II*
 - Public Right of Way
 - National Cycle Network - On Road
 - National Cycle Network - Traffic Free
 - Special Landscape Areas Bury Unitary Development Plan Policy EN9/1
 - Tree Preservation Order Points (TPOs)
 - Tree Preservation Order Polygons (TPOs)
 - ⊕ Heaton Park Registered Park and Garden
 - ⊠ Special Area of Conservation (SAC)
 - ⊠ Conservation Area
 - Scheduled Monuments
 - Site of Special Scientific Interest (SSSI)
 - Ancient Woodland
 - Local Nature Reserve
 - Green Belt
 - Thatch Leach Lane Park and Fusslers Memorial Meadow

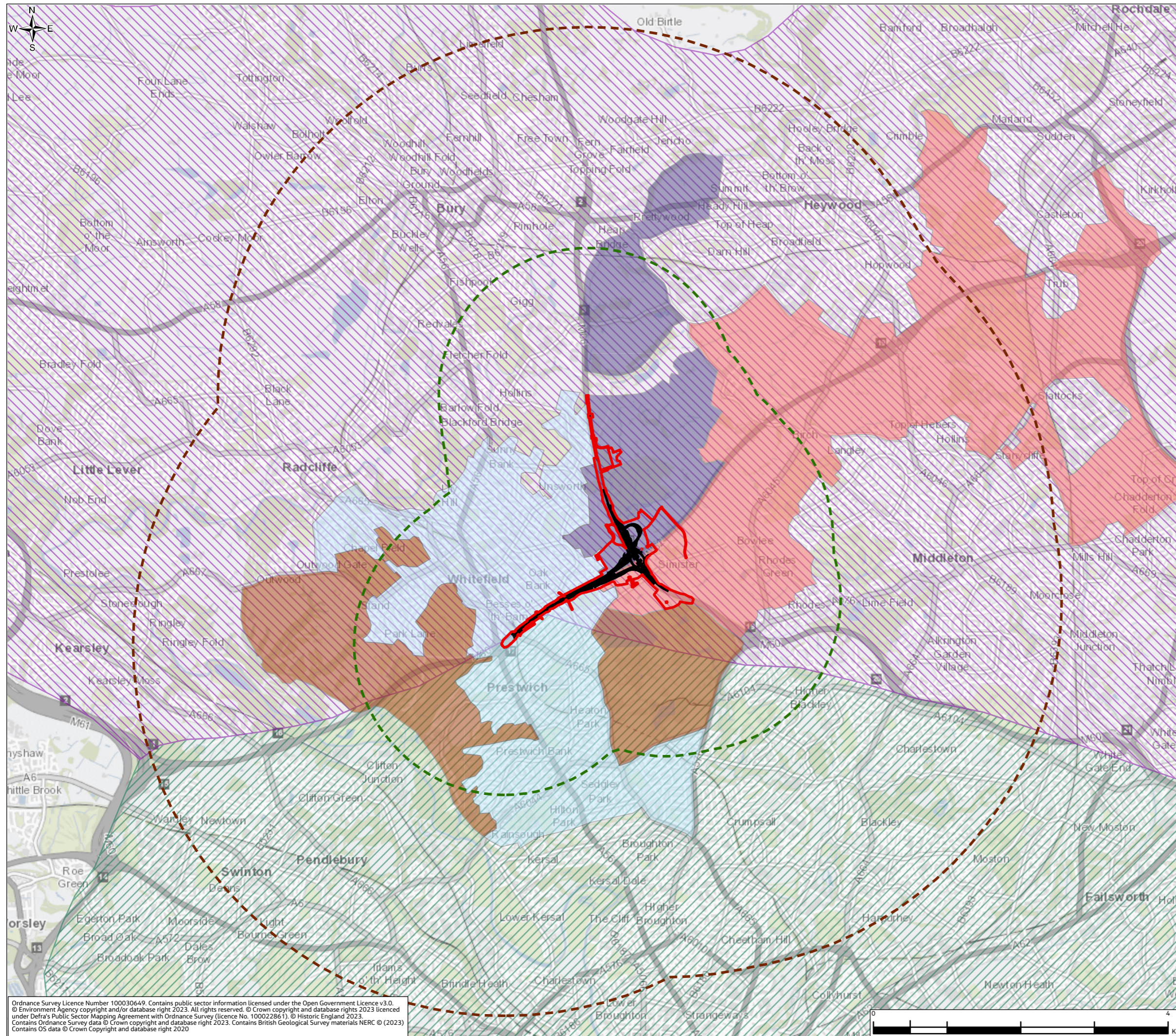


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| Client: | | | | | | |
| Project: REGIONAL DELIVERY PARTNERSHIP M60/M62/M66 SIMISTER ISLAND INTERCHANGE | | | | | | |
| Drawing Title: ENVIRONMENTAL STATEMENT KEY LANDSCAPE DESIGNATIONS AND FEATURES | | | | | | |
| Drawing Status: S4 – SUITABLE FOR STAGED APPROVAL | | | | | | |
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FIGURE 7.4



Legend

- Scheme highway design
- Order Limits
- 2km Assessment Study Area
- 5km Overarching Study Area
- National Character Areas (NCA)**
- NCA 54: Manchester Conurbation
- NCA 55: Manchester Pennine Fringe
- Townscape Character Area (TCA)**
- TCA Prestwich, Whitefield, Radcliffe and Unsworth Residential
- Landscape Character Area (LCA)**
- LCA 27: Simister, Slattocks and Healds Green.
- LCA 19: Heaton, Prestwich, Whitefield and Stand Parklands
- LCA 26: Prettywood, Pilsworth and Unsworth Moss



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Project
REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

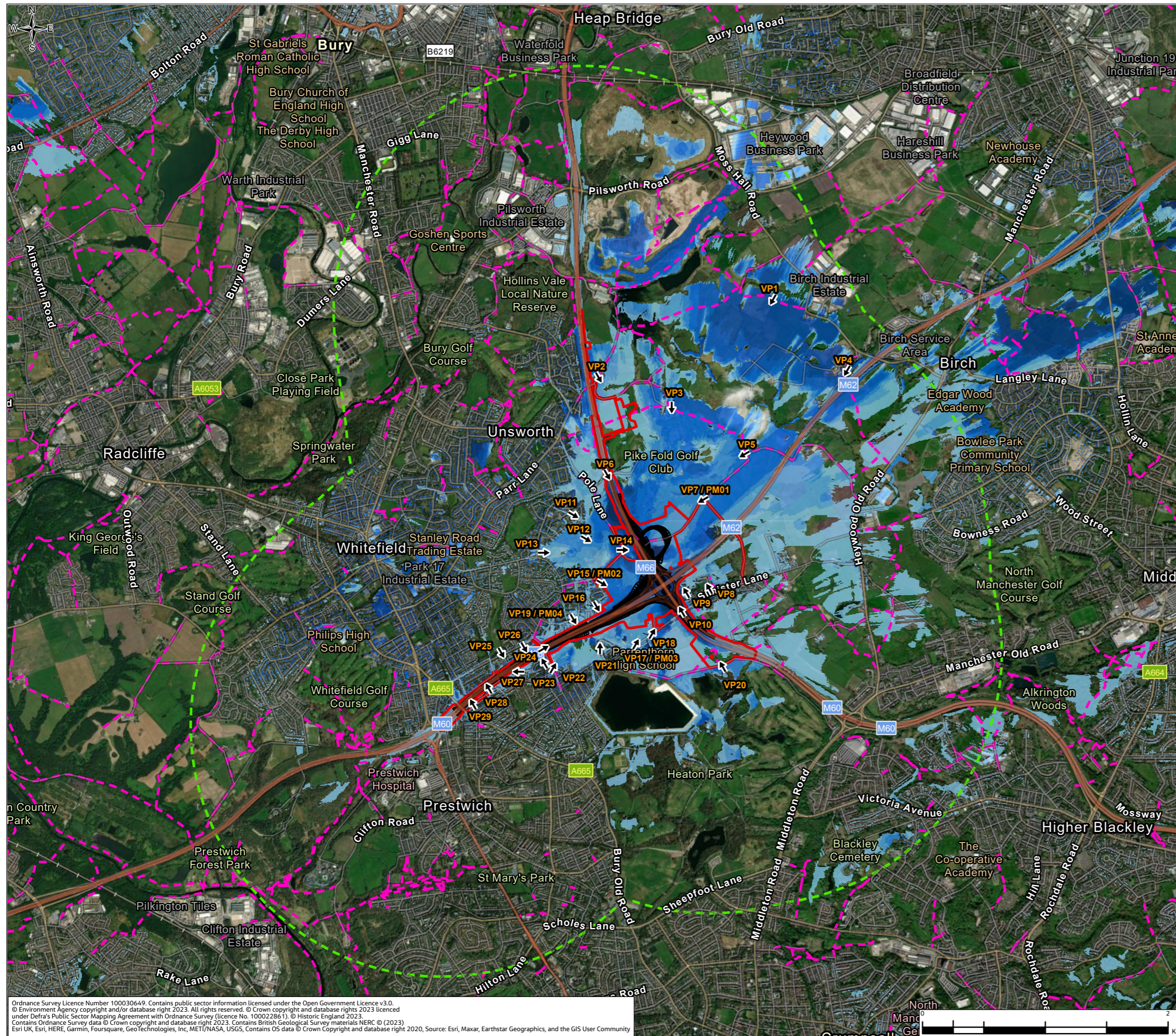
Drawing Title
ENVIRONMENTAL STATEMENT
LANDSCAPE AND TOWNSCAPE
CHARACTER AREAS

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FIGURE 7.5



- Legend**
- Scheme highway design
 - Order Limits
 - 2km Assessment Study Area
 - ↑ Representative Viewpoints and Photomontages
 - Public Right of Way

Zone of Theoretical Visibility (ZTV)

Number of target points visible

- 1-25
- 26-50
- 51-75
- 76-100
- 101-125
- 126-150
- 151-175
- 176-200

Notes:
1. Refer to Figure 7.6: Representative Viewpoint Photosheets and Figure 7.7: Photomontages of the Environmental Statement Figures (TR010064/APP/6.2).



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Project
REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing Title
ENVIRONMENTAL STATEMENT
REPRESENTATIVE VIEWPOINTS
AND PHOTOMONTAGE LOCATIONS

Drawing Status
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