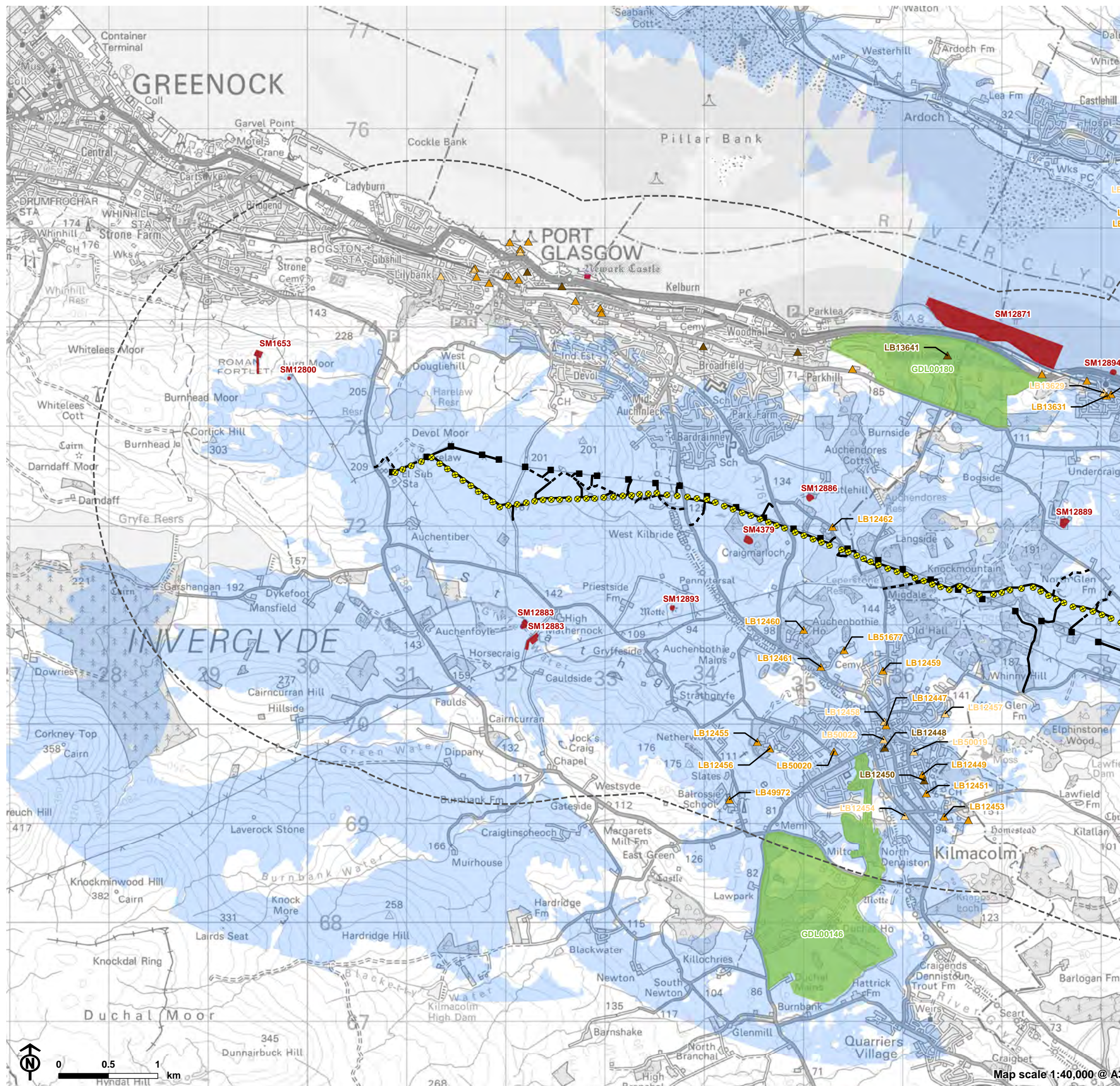


Figure 9.1a: Designated Heritage Assets - Location Plan

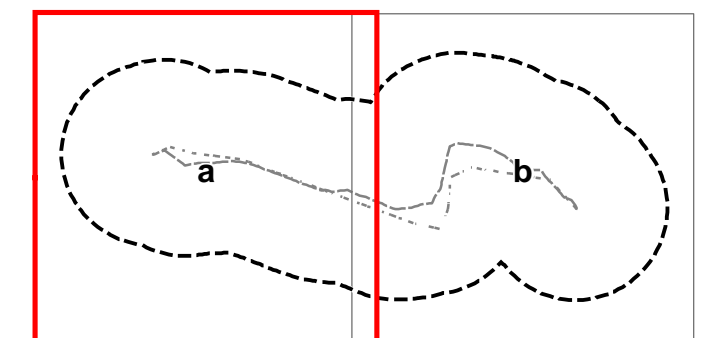


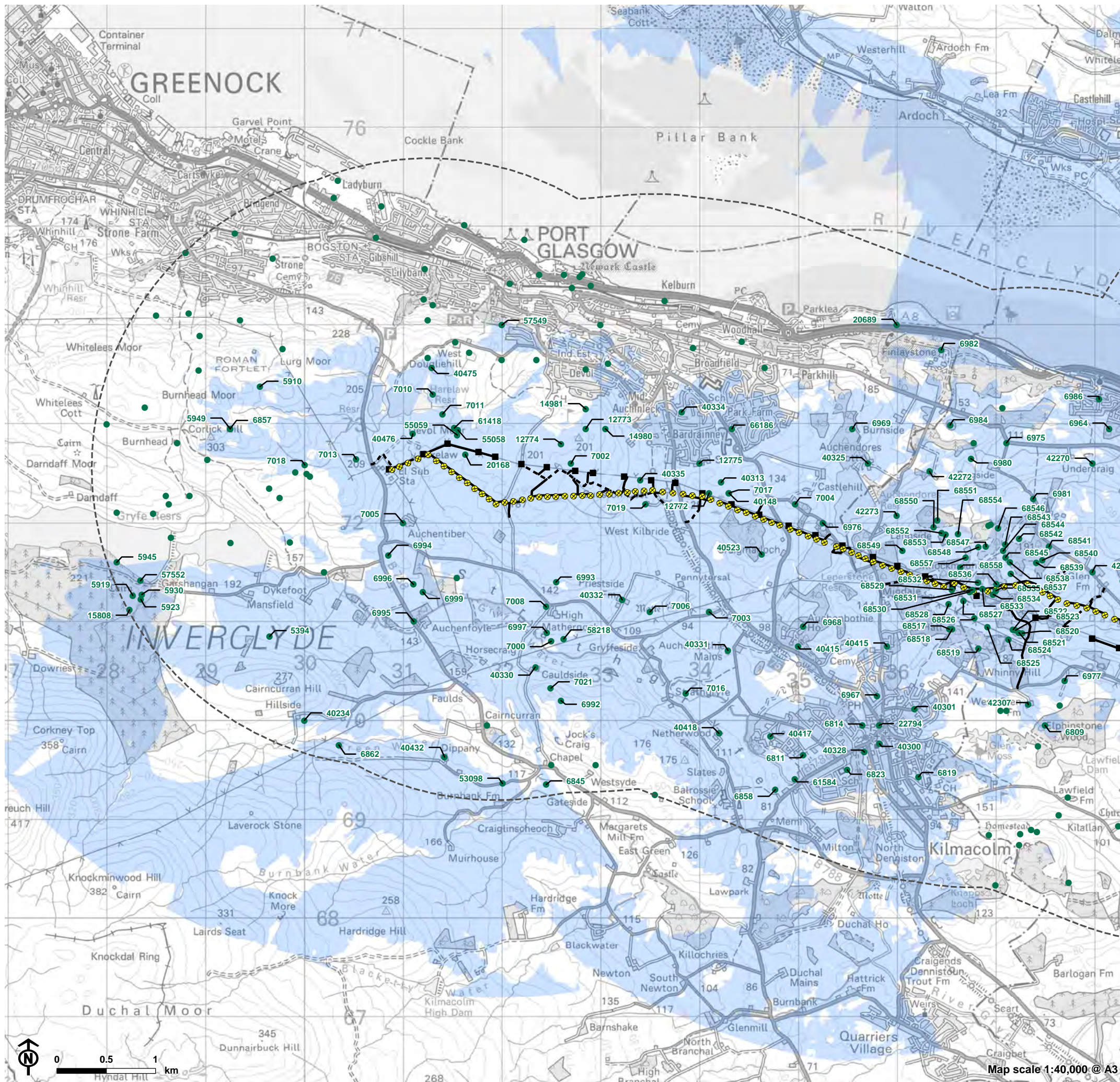
- Study Area
 - New 132kV OHL (wood pole)
 - Existing 132kV OHL (steel tower to be removed)
 - New Access
 - New Access (Stone)
 - Existing Access
 - EDM ZTV using bare ground DTM
- Designated Heritage Assets**
- Antonine Wall World Heritage Site Boundary
 - Antonine Wall World Heritage Site Buffer Zone
 - Listed Building Category A
 - Listed Building Category B
 - Listed Building Category C
 - Scheduled Monument
 - Inventory of Gardens and Designed Landscapes

Notes:

The ZTV has been generated based on individual poles heights (including insulator) which range between 9.76m and 18.76m, to a 5km radius from each pole. The terrain model assumes bare ground and is derived from OS Terrain 5 height data. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1.

Only assets within the ZTV have been labelled.





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Figure 9.2a: Historic Environment Record (HER) - Location Plan

- Study Area
- New 132kV OHL (wood pole)
- Existing 132kV OHL (steel tower to be removed)
- New Access
- New Access (Stone)
- Existing Access
- EDM ZTV using bare ground DTM
- HER data - point features
- HER data - polygon features
- HER data - polyline features

Notes:

The ZTV has been generated based on individual poles heights (including insulator) which range between 9.76m and 18.76m, to a 5km radius from each pole. The terrain model assumes bare ground and is derived from OS Terrain 5 height data. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1.

Only assets within the ZTV have been labelled.

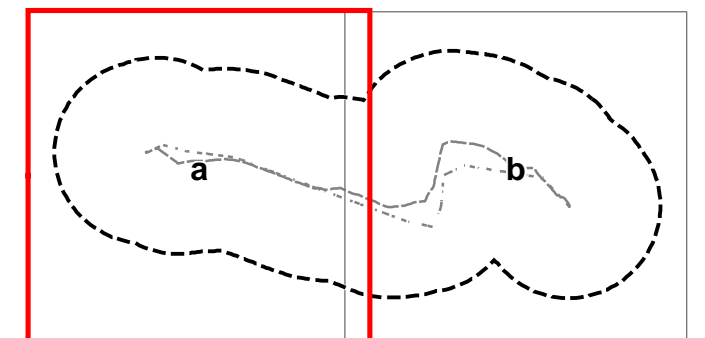
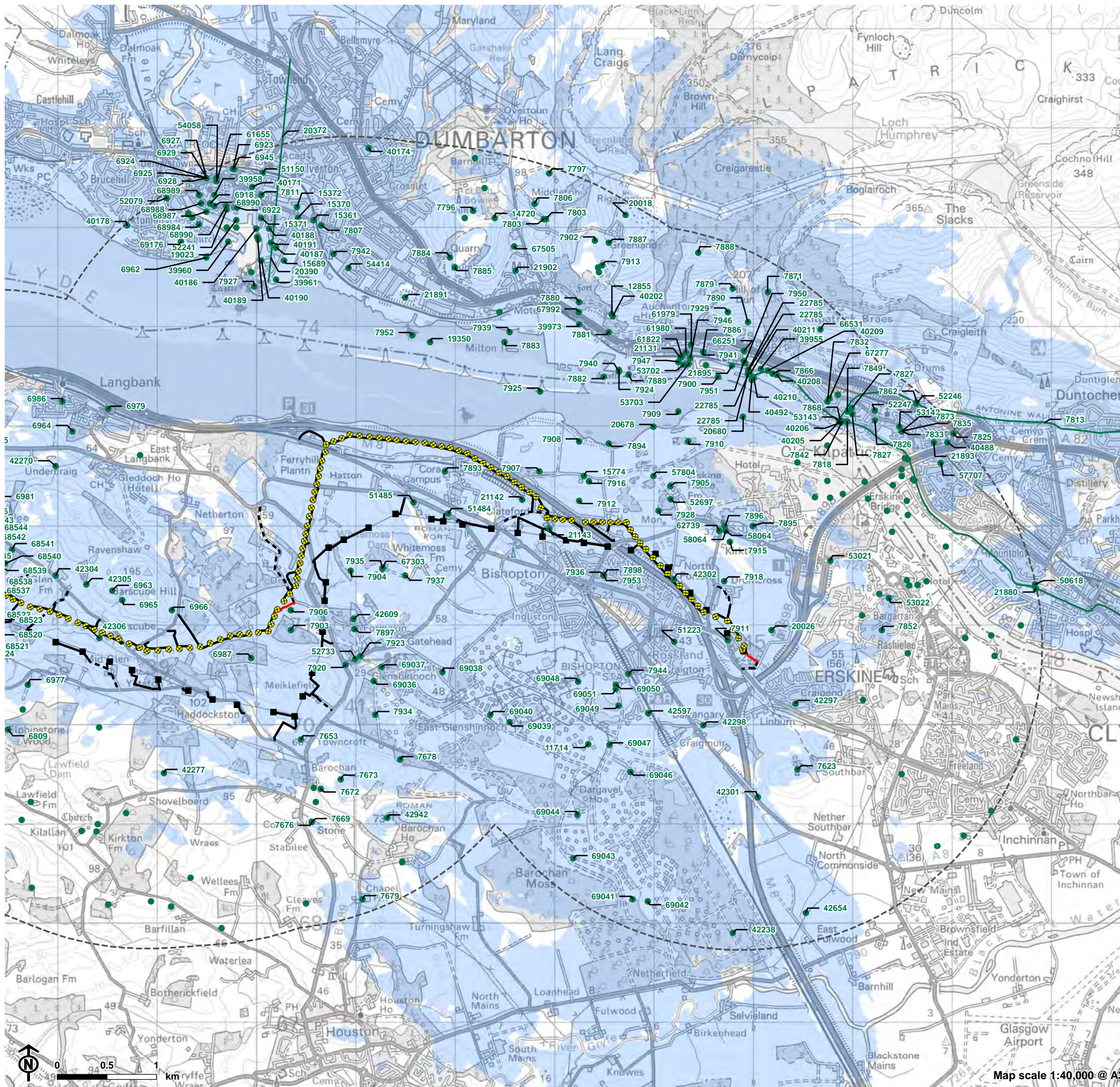


Figure 9.2b: Historic Environment Record (HER) - Location Plan

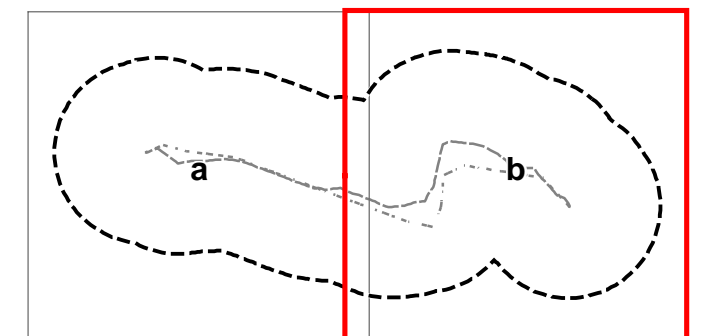


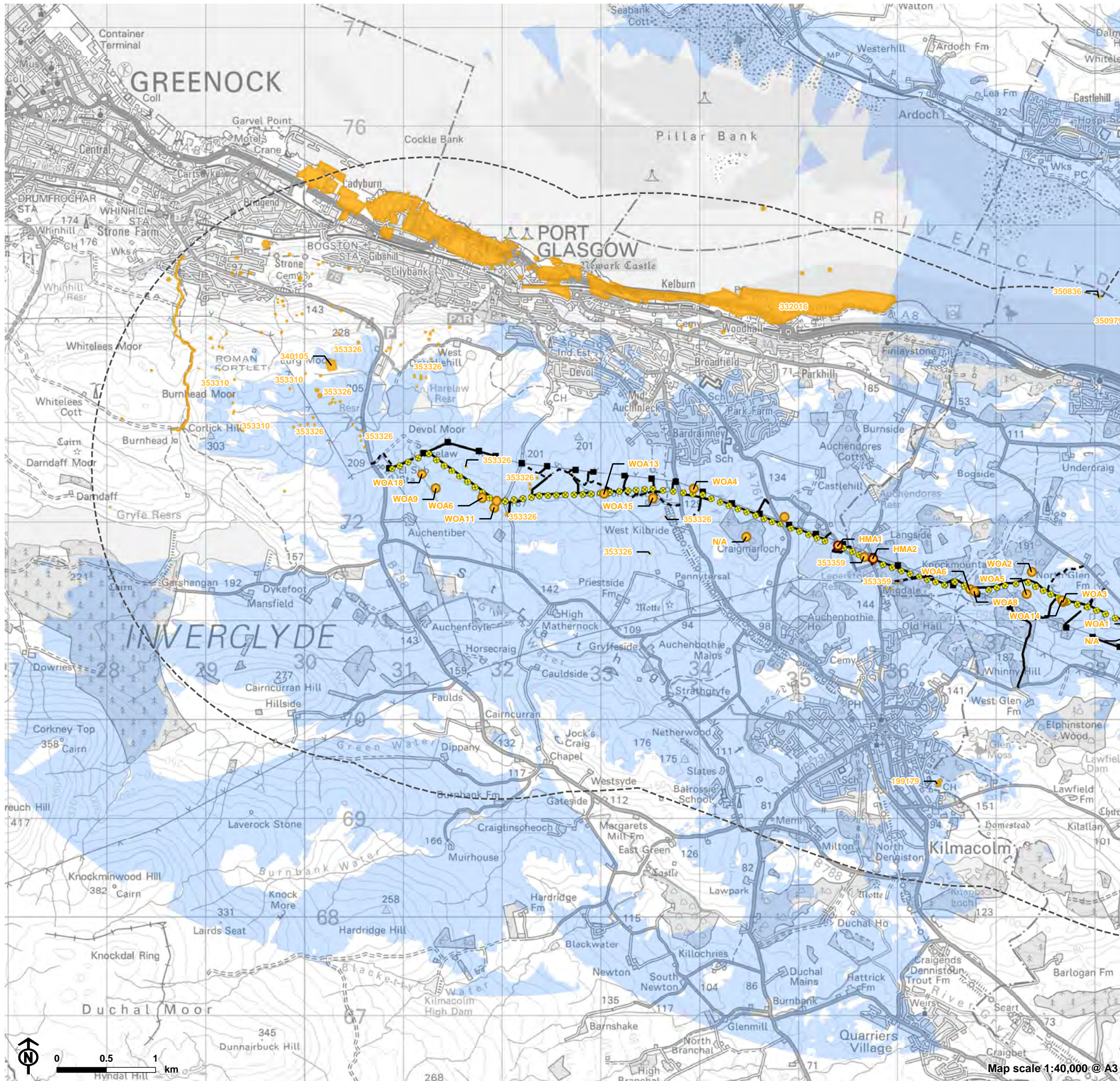
- Study Area
- New 132kV OHL (wood pole)
- Existing 132kV OHL (steel tower to be removed)
- New Access
- New Access (Stone)
- Existing Access
- EDM ZTV using bare ground DTM
- HER data - point features
- HER data - polygon features
- HER data - polyline features

Notes:

The ZTV has been generated based on individual poles heights (including insulator) which range between 9.76m and 18.76m, to a 5km radius from each pole. The terrain model assumes bare ground and is derived from OS Terrain 5 height data. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1.

Only assets within the ZTV have been labelled.





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Figure 9.3a: Canmore and other Cultural Heritage Data - Location Plan

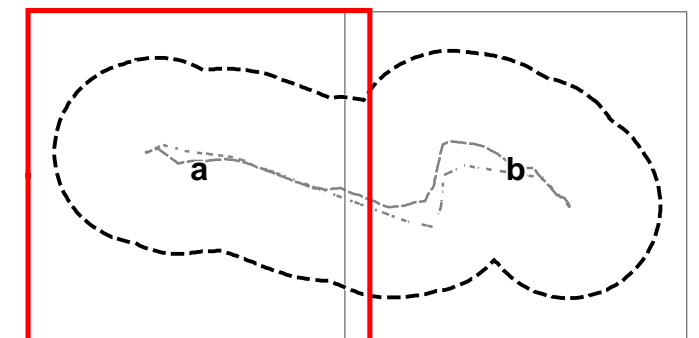
- Study Area
- New 132kV OHL (wood pole)
- Existing 132kV OHL (steel tower to be removed)
- New Access
- New Access (Stone)
- Existing Access
- EDM ZTV using bare ground DTM
- Canmore data
- Assets identified from historic maps
- Assets identified from site walkover

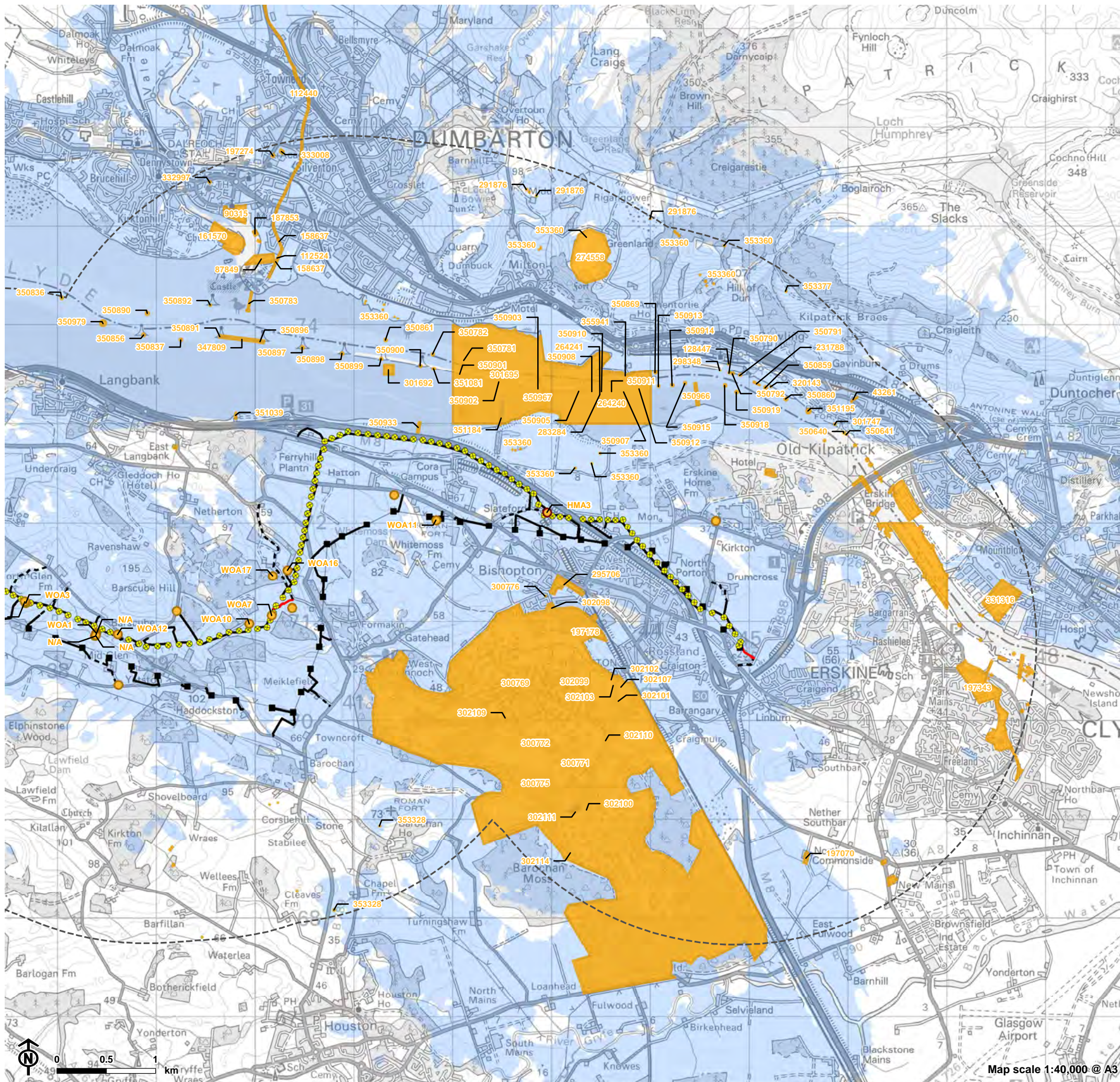
Notes:

The ZTV has been generated based on individual poles heights (including insulator) which range between 9.76m and 18.76m, to a 5km radius from each pole. The terrain model assumes bare ground and is derived from OS Terrain 5 height data. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1.

Only assets within the ZTV have been labelled.

The Canmore data has been cleaned to remove duplicates that are also present within the HER data





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Figure 9.3b: Canmore and other Cultural Heritage Data - Location Plan

- Study Area
- New 132kV OHL (wood pole)
- Existing 132kV OHL (steel tower to be removed)
- New Access
- New Access (Stone)
- Existing Access
- EDM ZTV using bare ground DTM
- Canmore data
- Assets identified from historic maps
- Assets identified from site walkover

Notes:

The ZTV has been generated based on individual poles heights (including insulator) which range between 9.76m and 18.76m, to a 5km radius from each pole. The terrain model assumes bare ground and is derived from OS Terrain 5 height data. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1.

Only assets within the ZTV have been labelled.

The Canmore data has been cleaned to remove duplicates that are also present within the HER data

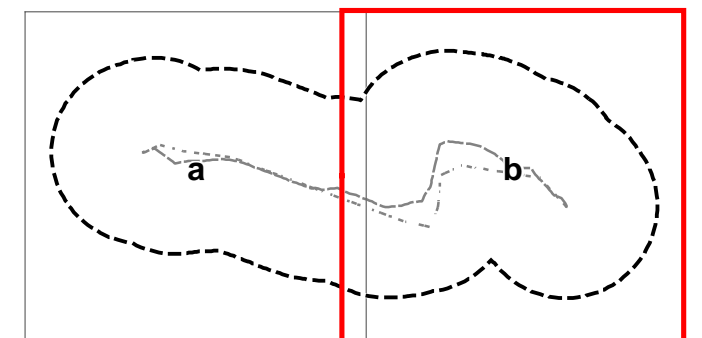
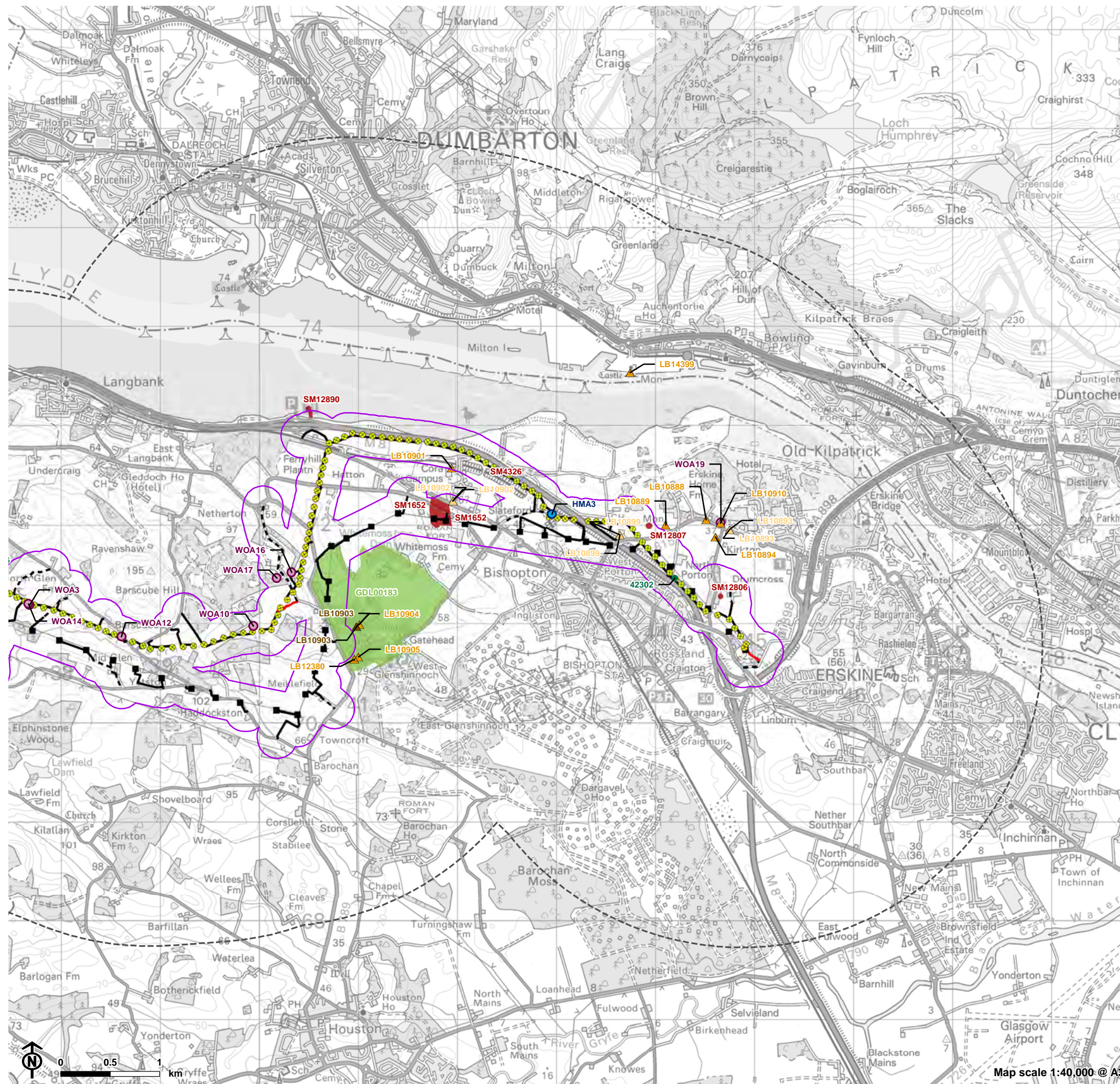


Figure 9.4b: Assessed Cultural Heritage Assets



- Study Area
- 200m Study Area
- New 132kV OHL (wood pole)
- Existing 132kV OHL (steel tower to be removed)
- New Access
- New Access (Stone)
- Existing Access
- Listed Building Category A
- Listed Building Category B
- Listed Building Category C
- Scheduled Monument
- Inventory of Gardens and Designed Landscape's
- HER data - point features
- Canmore data
- Assets identified from historic maps
- Assets identified from site walkover

