



P2288

**ENVIRONMENTAL IMPACT ASSESSMENT REPORT
VOLUME 3: APPENDICES**

CHAPTER 14 APPENDICES

RIVERINE COMMUNITY PARK

LIFFORD-STRABANE

AUGUST 2021



the paul hogarth company



**Comhairle Contae
Dhún na nGall**
Donegal County Council



Derry City & Strabane
District Council
Comhairle Chathair
Dhoire & Cheantar
an tSratha Báin
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Appendix 14-1

Landscape and Visual Figures

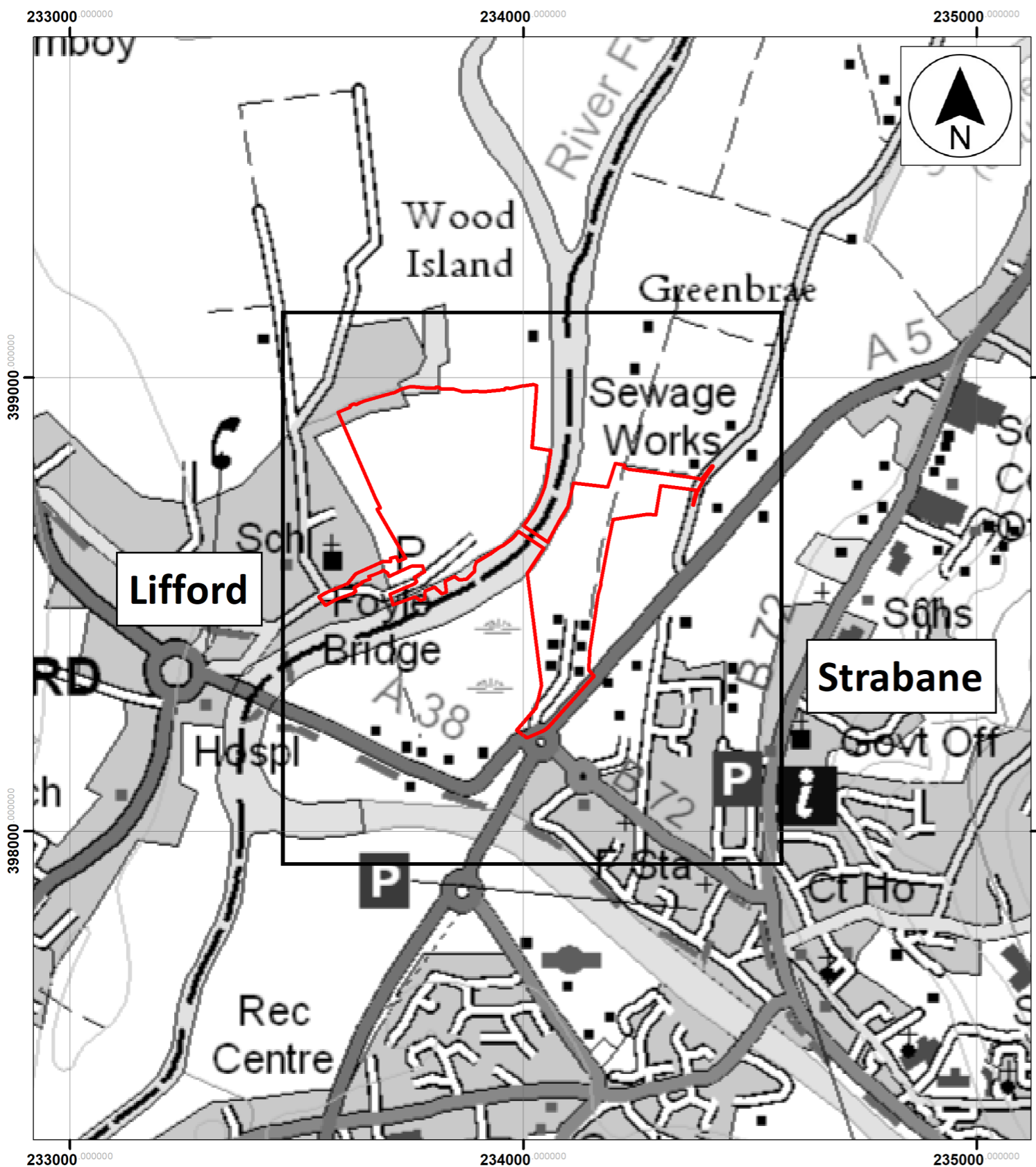
**PROPOSED RIVERINE COMMUNITY PARK
STRABANE AND LIFFORD**


APPENDIX 14-1 L&V FIGURES

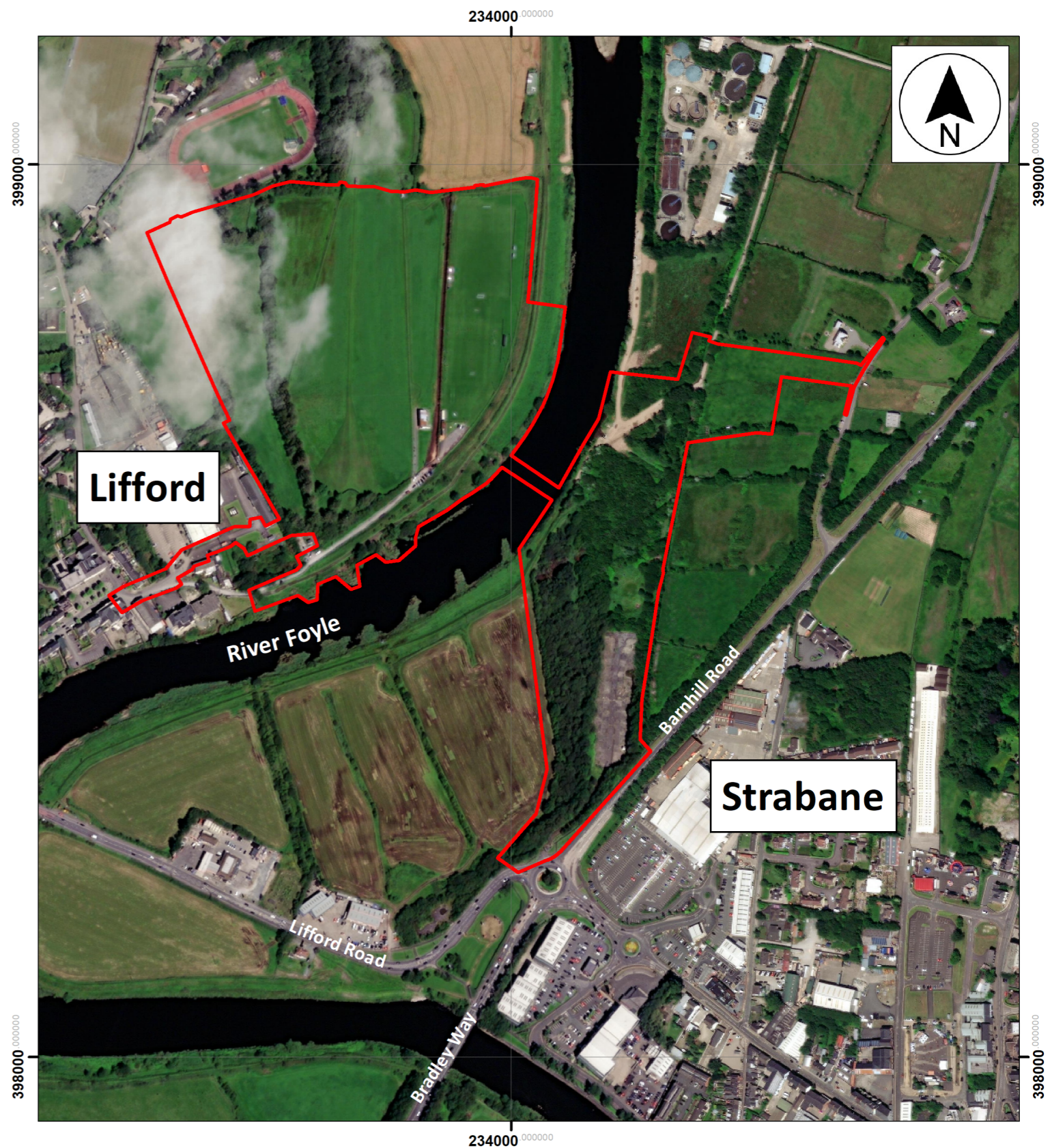
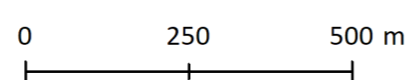
AUGUST 2021 / PROJECT NO. 7320




Proposed Riverine Community Park, Strabane and Lifford



 Application Site



 Application Site

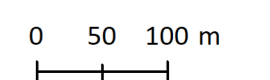


Figure 1.0: Site Location Plan



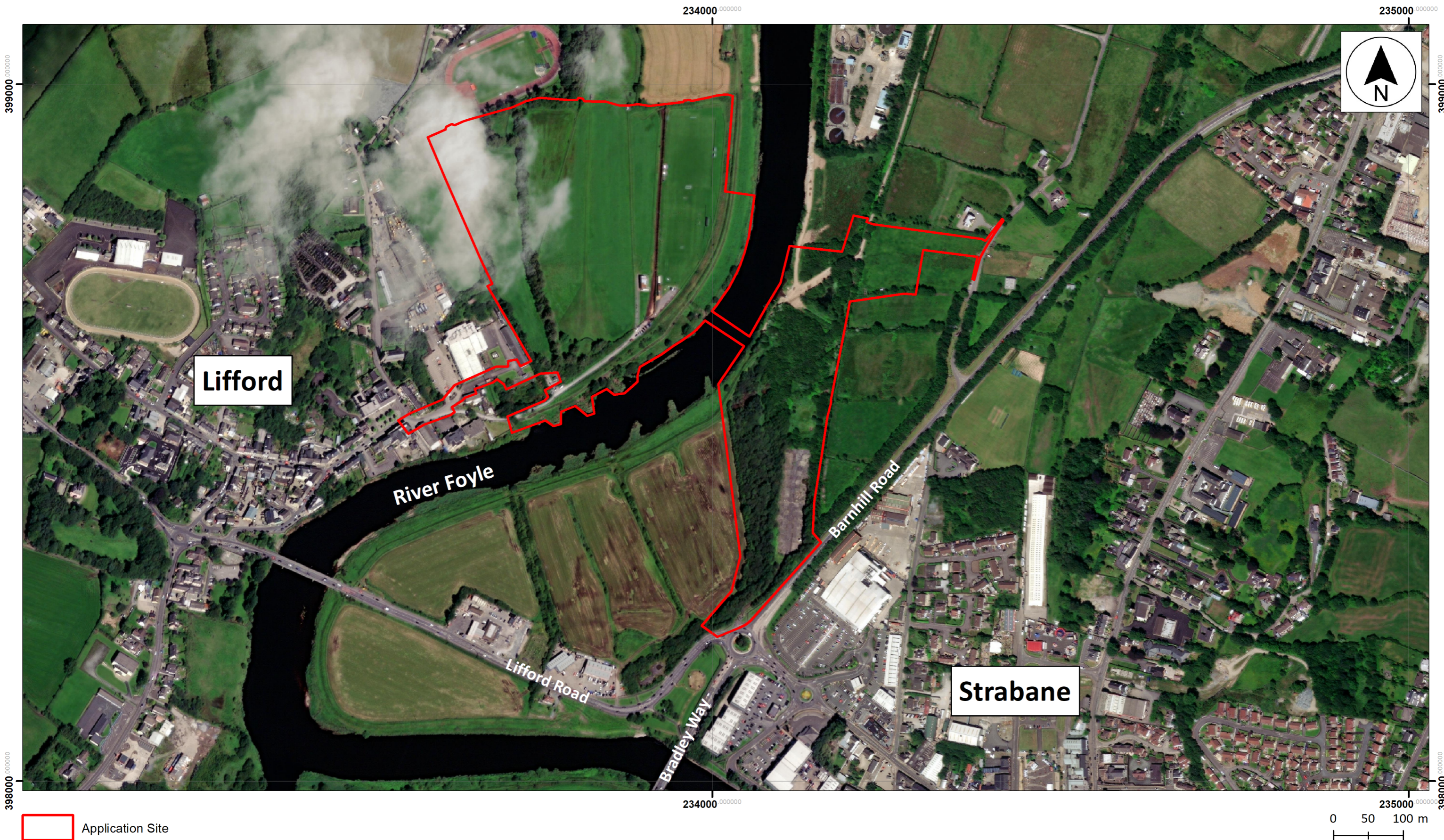


Figure 2.0: Existing Landscape Setting



Proposed Riverine Community Park, Strabane and Lifford

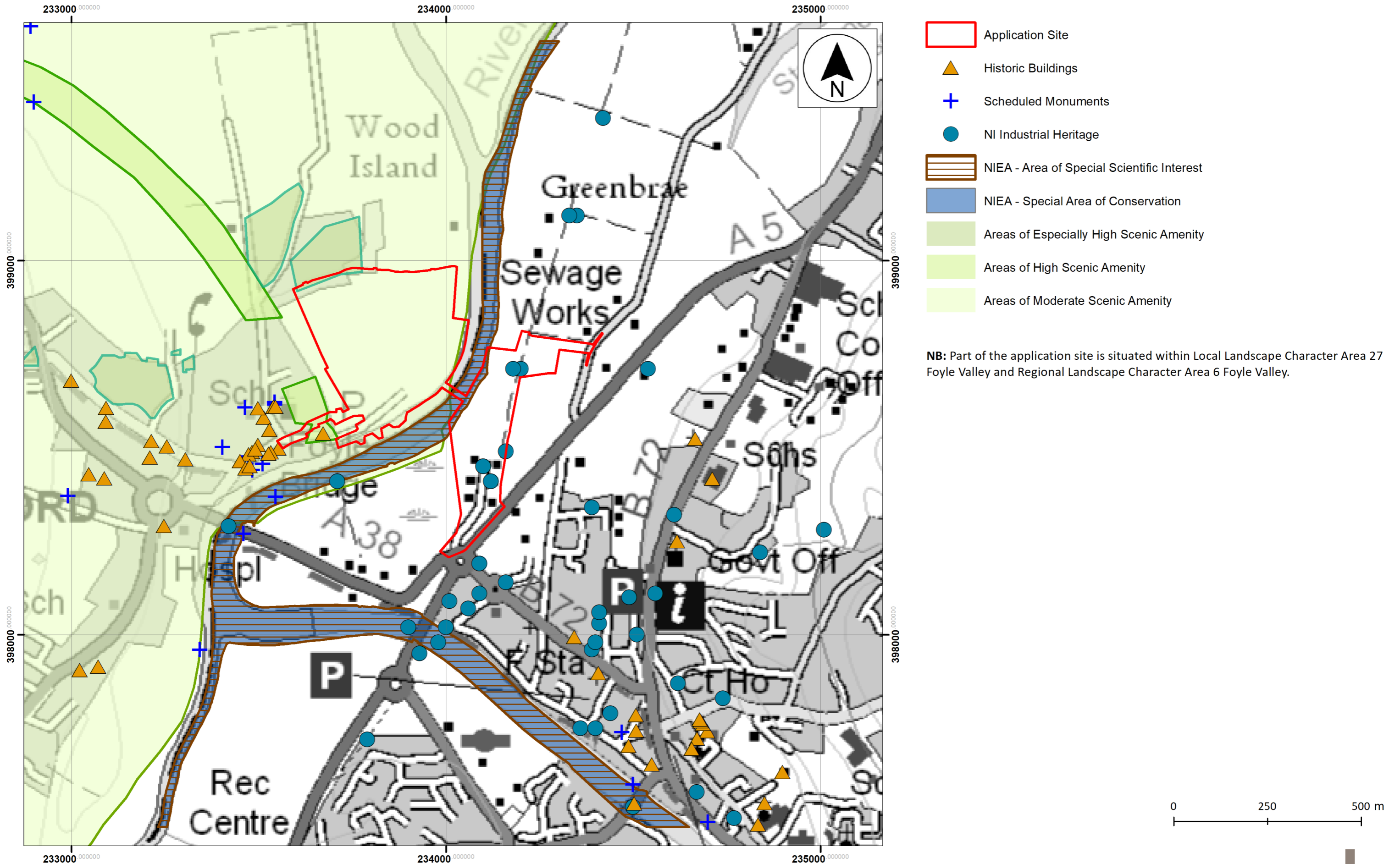


Figure 3.0: Development Zones and Designations



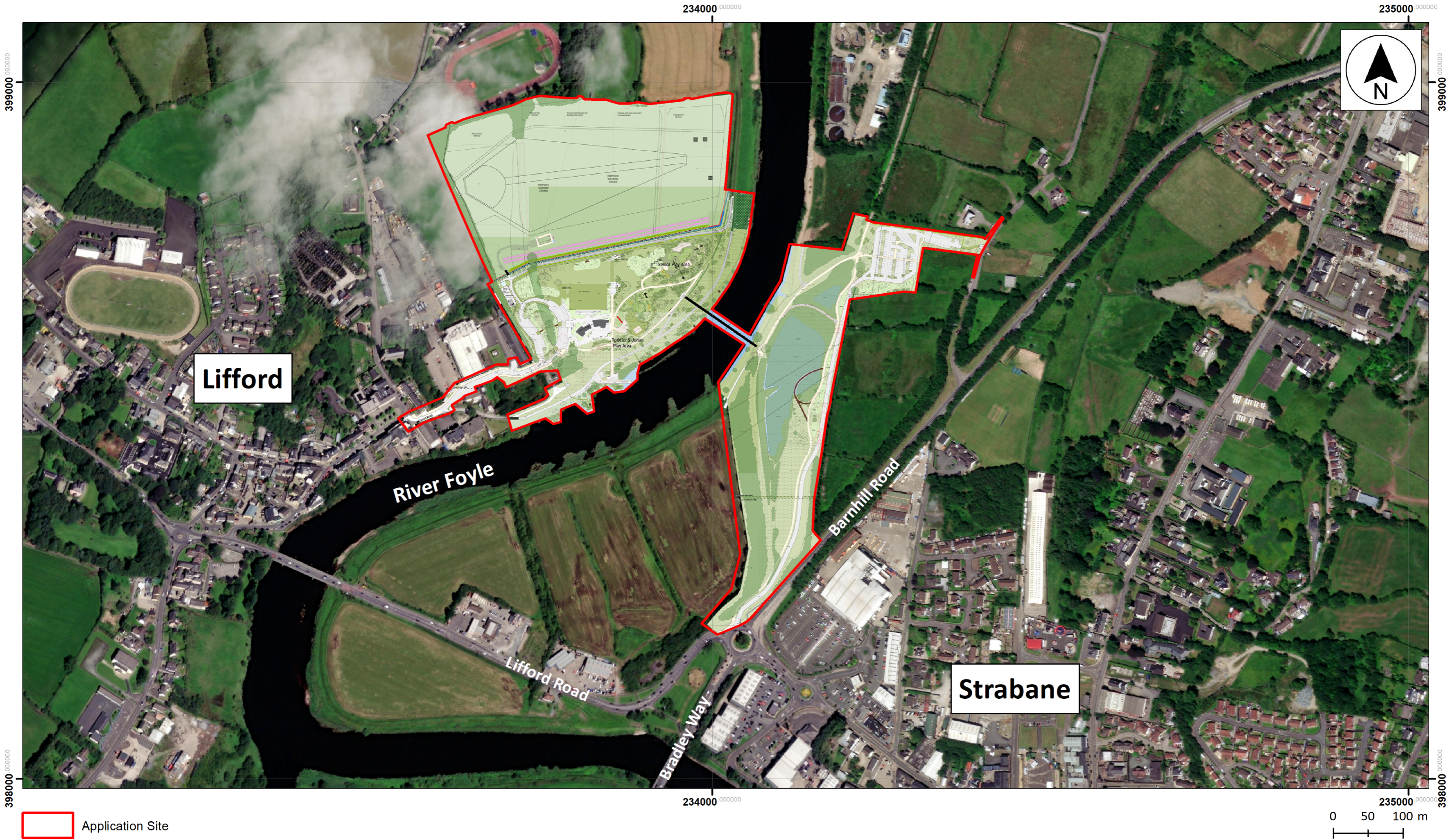
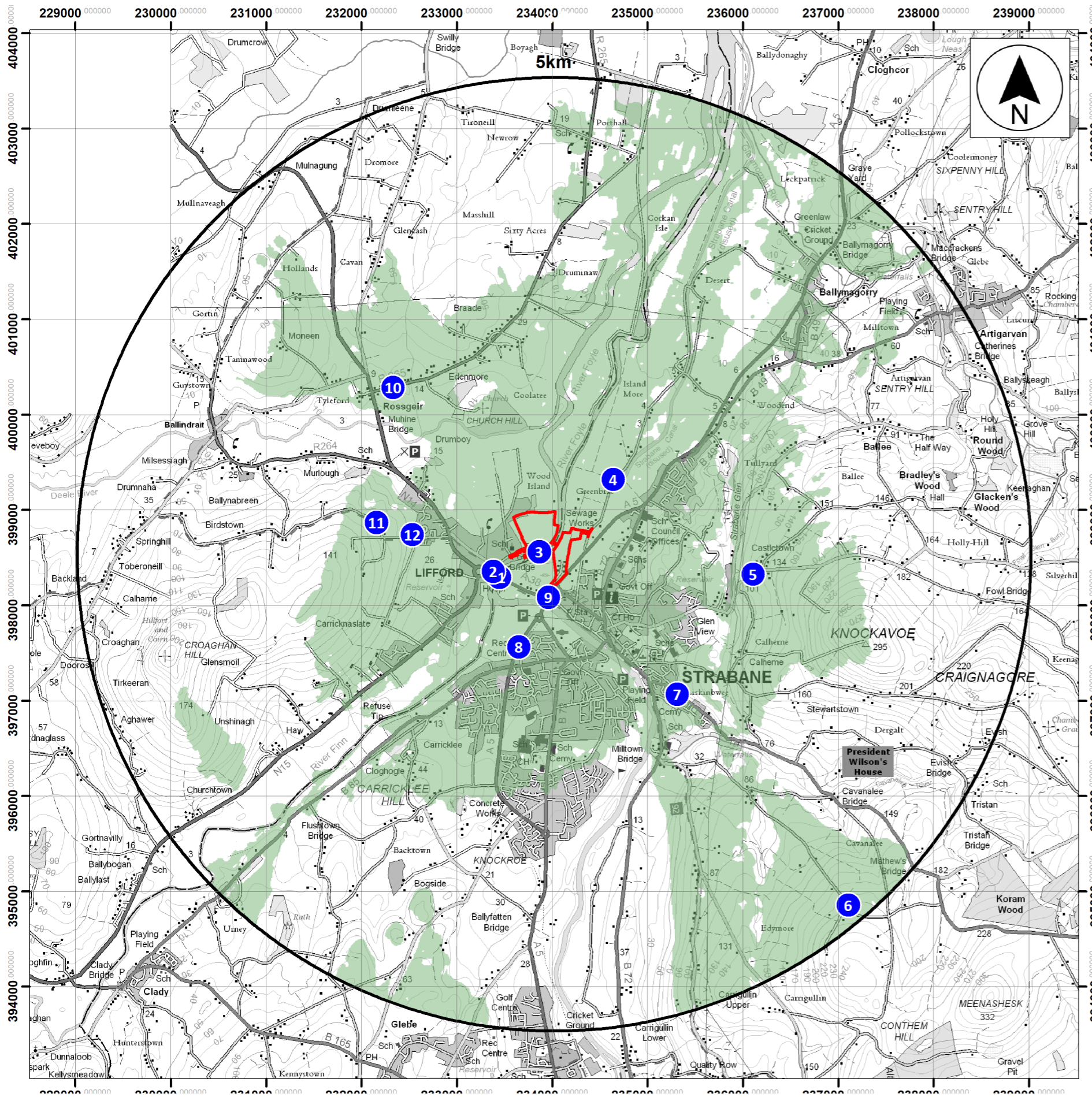


Figure 4.0: Proposed Landscape Setting



Proposed Riverine Community Park, Strabane and Lifford



- Viewpoint Locations
- Application Site
- Areas from which there are potential views based on ZTV analysis of the proposed Bridge, Community Hub Building and Spectator Stand (5.2m, 5.4m and 6.7m)

The ZTV indicates the theoretical visibility of the proposed development based on a Digital Terrain Model (DTM) and of the proposed development overlaid on an Ordnance Survey NI Map and the AutoCad model of the proposed development Plan. It does not convey the nature, significance or magnitude of any visual effect but is used as a baseline visual assessment tool to determine broad areas within the study area where there is a potential view of any part of the proposed development.

The ZTV is produced using a specialised software package (Globalmapper) and involves the following:-

- Construction of a three-dimensional digital terrain model (DTM) of the study area compiled using OSNI digital terrain data (10m grid);
- Viewer height is 1.5m above ground level;
- Allowance is made within the calculations for earth curvature and light refraction;
- The ZTV software does not use mathematically approximate methods.

The ZTV provenance lies purely with contour data and represents visibility as if the ground surface were bare. It takes no account of the screening effects of intervening elements such as trees, hedgerows, buildings or smaller hills (less than 10m) and prevailing weather conditions. In this way the ZTV can be said to

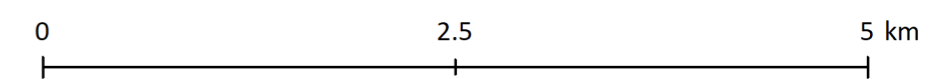
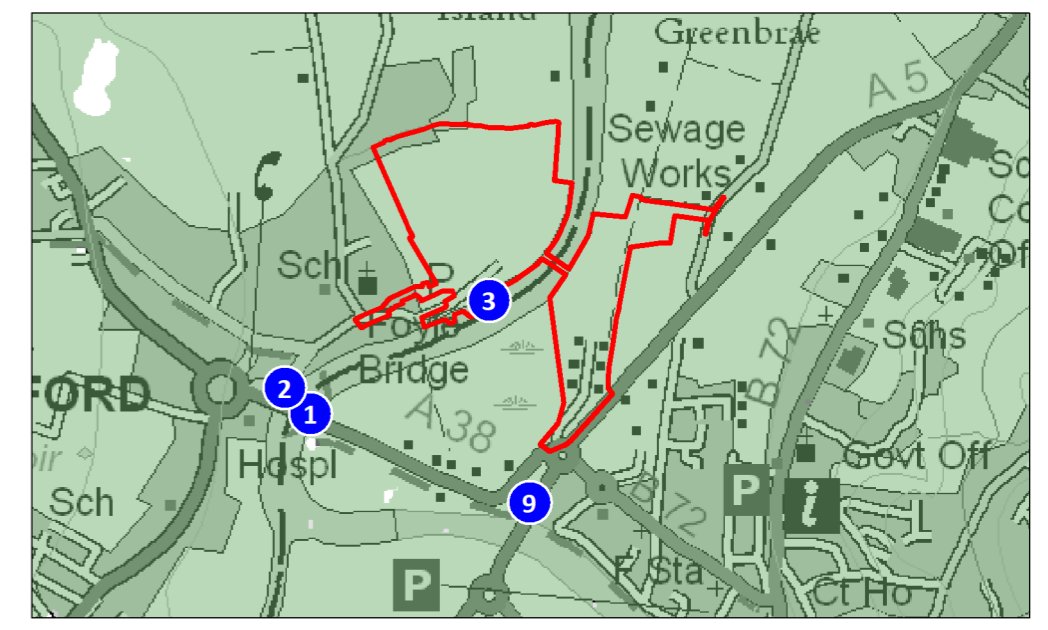


Figure 5.0: Zones of Theoretical Visibility Map of the Proposed Bridge and Community Hub Building and Viewpoint Locations



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