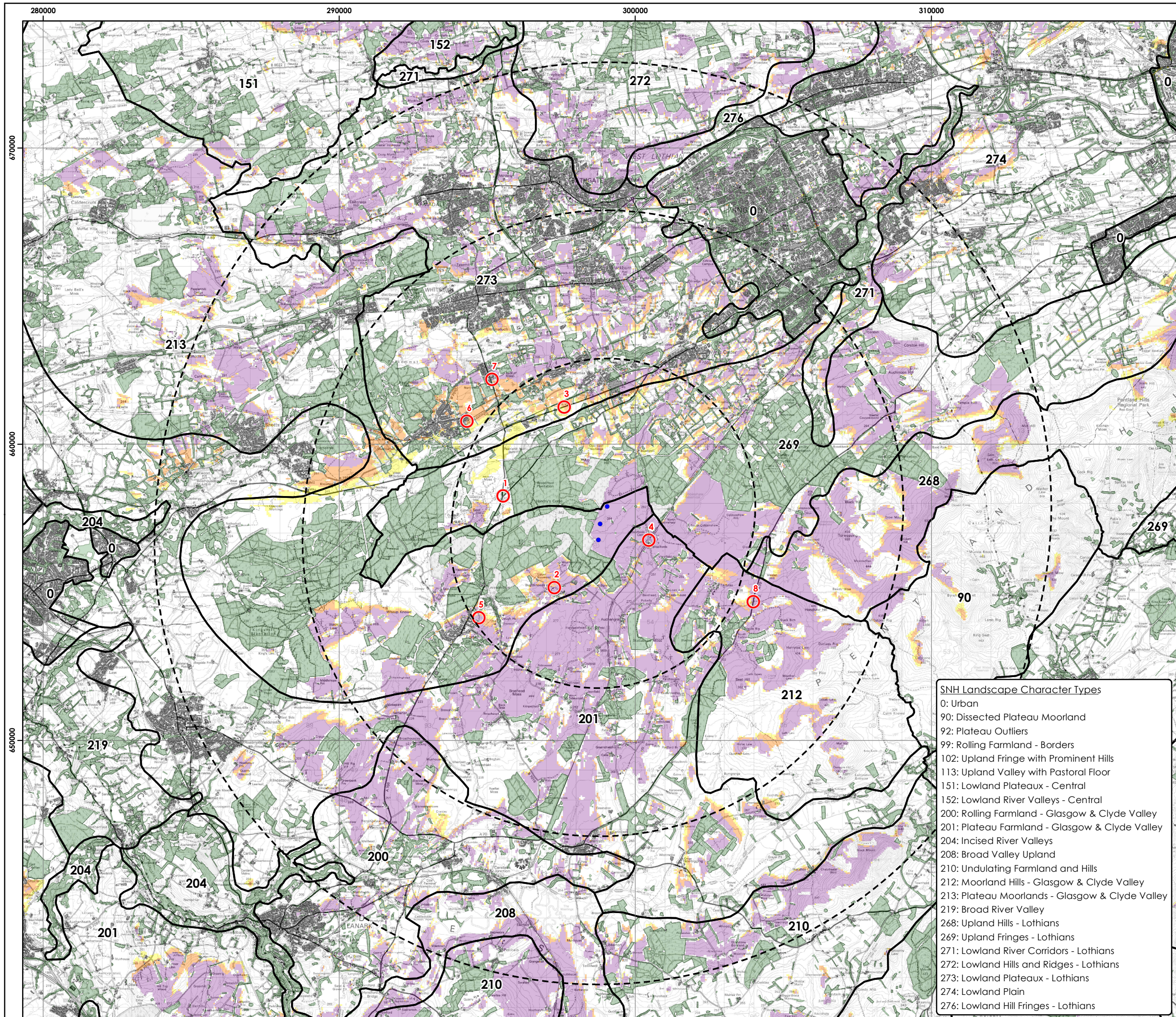




Woolfords Wind Farm Tip Height Increase



Figure 5-4
15km Screened Hub Height ZTV
with Landscape Character Types

- Key**
- Turbine location
 - 5km buffers to 15km
 - Landscape Viewpoint
 - SNH Landscape Character Types
 - Woodland
 - Building

Zone of Theoretical Visibility

105m hub height

- 1 turbine visible
- 2 turbines visible
- 3 turbines visible

Generated using Ordnance Survey's Terrain 50 Dataset, with OS VectorMapDistrict data used to provide screening obstacles to visibility from woodland blocks at 8m height and buildings at 6m height. Recently felled woodland blocks within 5km removed through review of aerial photography.

ZTV calculated using ArcGIS 10.6 Viewshed tool with observer eye height 2m above ground and corrections for earth curvature and atmospheric refraction applied.



0 1 2 4
Kilometres



Scale @ A3:
1:120,000



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Drawn by: TM Checked by: TH Approved by: JS