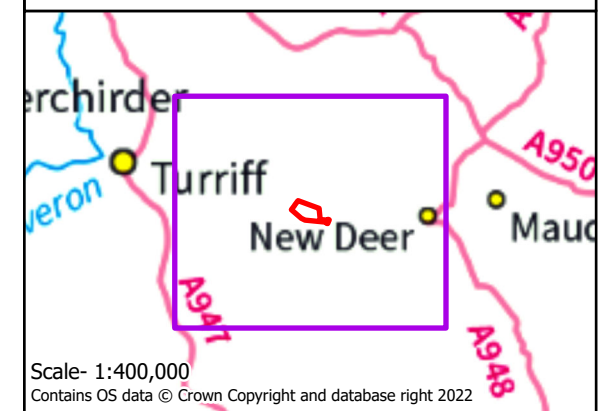


Legend

- Site Boundary
- Proposed Development Platform
- Distance from the Site Boundary
- Zone of Theoretical Visibility
- Viewpoint Locations

Note:

- 1) The Zone of Theoretical Visibility is calculated based on the Proposed Development Platform (marked in blue) base height of 130.5m and the structure height of 14.5m with a viewer height of 2m above ground level. We have assumed the maximum height of the proposed built form will lie within these platforms. The terrain model assumes bare ground and is derived from OS Terrain 5 data.
- 2) The ZTV uses the proposed heights of built form placed at proposed levels. Earth curvature and atmosphere refraction have been taken into account. The ZTV does not take into consideration intervening vegetation and built form. This presents a worst case scenario.
- 3) The preliminary Visual Amenity study area was the area covered by the ZTV cut off at 5km from the Site Boundary. Following site work this was reduced to 2 km from the Site Boundary for the assessment, to ensure a focus on potentially significant effects.



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Project No: LT000379
Project: Greens Substation EIA

Title:
Figure 8.1: Zone of Theoretical Visibility (Bare Ground) and Viewpoint Locations

Drawn by: AS Date: 18/11/2024

Drawing: LT000379_WSP_EIAR_V3_08_0001