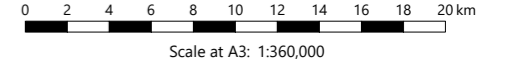


- Key
- Proposed turbine locations
  - Consented turbine locations
  - Landscape and Visual Study Area
  - Lines indicating the distance from the proposed turbines
  - Local authority boundaries
  - Combined zone of theoretical visibility of the Consented Development and the Proposed Development calculated to hub height
  - Additional zone of theoretical visibility of the Proposed Development calculated to hub height
  - Additional zone of theoretical visibility of the Consented Development calculated to hub height

Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth.

This figure has been based on the following parameters:  
 Proposed Development  
 Turbine layout file: LS36LORG2020019.WFL  
 Hub height: 125m  
 Rotor diameter: 150m  
 Height to blade tip: 200m

Consented Development  
 Turbine layout file: LLOG028.WFL  
 Hub height: 80m / 100m  
 Rotor diameter: 100m  
 Height to blade tip: 130m / 150m



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**Figure 9.14**  
**Comparative ZTV of the Consented and Proposed Developments calculated to hub height (45km)**

C:\Users\ca11yn.bryce\Documents\Temp\Windfarm\Long\SS6\ArcGIS\2022\MXD\Figure 9.14\_Compare\_HH\_32964-G05670\_R1.mxd Originator: brycc