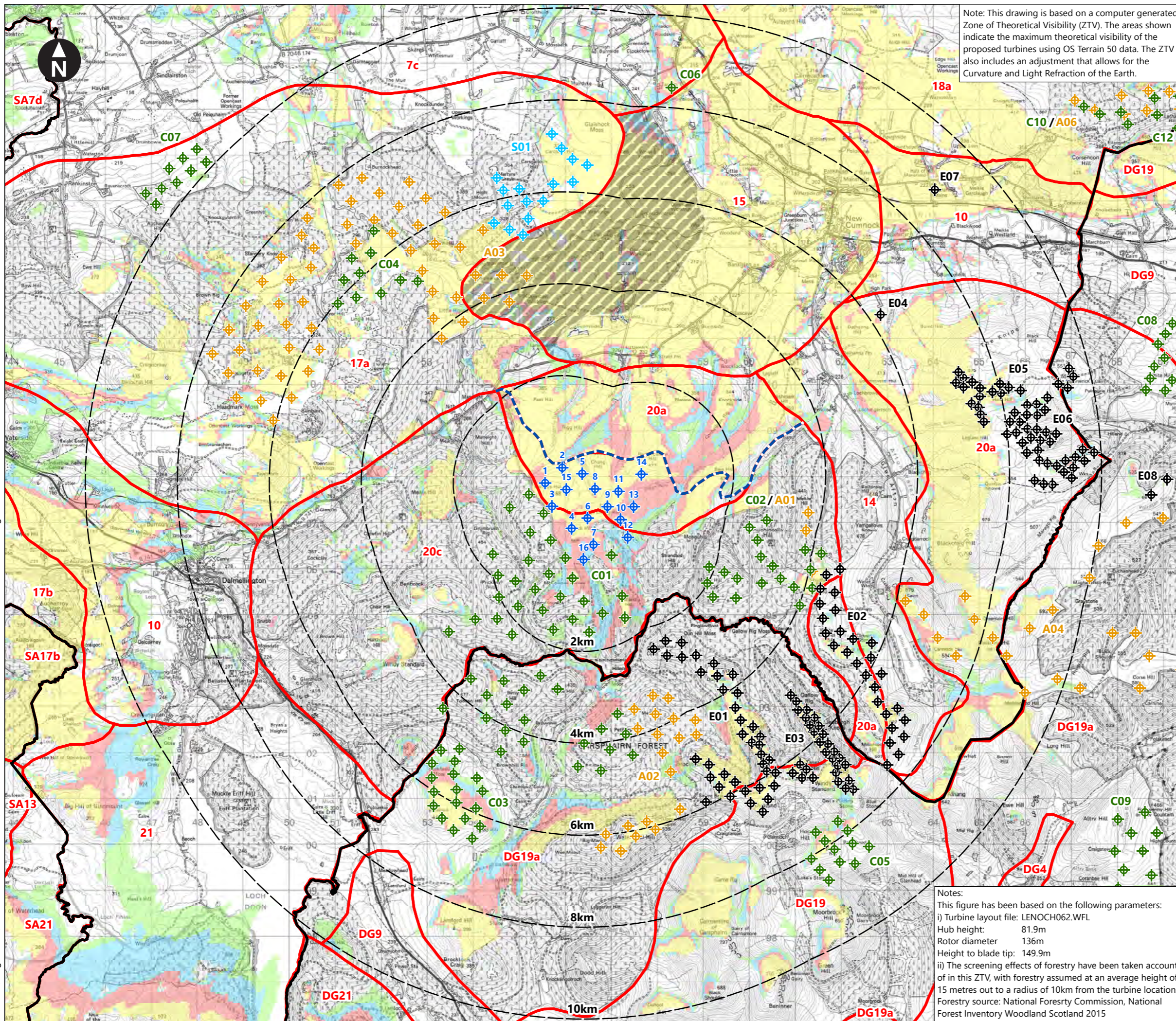


C:\Users\craig.wilson\Documents\ArcGIS\Variation 2020\37898-WOOD-XX-02-DR-Z-0019.mxd Originator: wilsc03



Note: 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. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth.

Key

- Proposed turbine locations
- Local authority boundaries
- Lines indicating the distance from the proposed turbines
- Landscape Character Types / Areas

East Ayrshire Landscape Wind Capacity Study (June 2018)

- 7c) East Ayrshire Lowlands
- 10) Upper River Valley
- 14) Upland Glen
- 15) Upland Basin
- 17a) Foothills With Forest & Opencast Mining
- 17b) Foothills With Forest west of Doon Valley
- 18a) East Ayrshire Plateau Moorlands
- 20a) East Ayrshire Southern Uplands
- 20c) Southern Uplands & Forestry
- 21) Rugged Uplands, Lochs & Forests

Dumfries & Galloway Wind Farm Landscape Wind Capacity Study (February 2020)

- DG4) Narrow Wooded River Valleys
- DG9) Upper Dale
- DG19) Southern Uplands
- DG19a) Southern Uplands with Forest
- DG21) Rugged Granite Uplands

South Ayrshire Landscape Wind Capacity Study (August 2018)

- SA7d) South Ayrshire Lowlands
- SA13) Intimate Pastoral Valley
- SA17b) Foothills with Forest west of Doon Valley
- SA21) Rugged Uplands, Lochs & Forest

- Area of landscape significantly altered by open cast mining
- Alternative LCA Boundary

- Note: As per 2017 FEI
- 1-4 turbines may be theoretically visible
 - 5-8 turbines may be theoretically visible
 - 9-12 turbines may be theoretically visible
 - 13-16 turbines may be theoretically visible

Note: For cumulative wind farm codes please see Figure V9.7.

0 1 2 3 4 5 km

Scale at A3: 1:80,000

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Client

Enoch Hill Wind Farm Variation Application EIA Report

Figure V9.17a Landscape Character with blade tip ZTV (10km)

May 2020

Notes:

This figure has been based on the following parameters:

i) Turbine layout file: LENOCH062.WFL
 Hub height: 81.9m
 Rotor diameter: 136m
 Height to blade tip: 149.9m

ii) The screening effects of forestry have been taken account of in this ZTV, with forestry assumed at an average height of 15 metres out to a radius of 10km from the turbine locations. Forestry source: National Forestry Commission, National Forest Inventory Woodland Scotland 2015