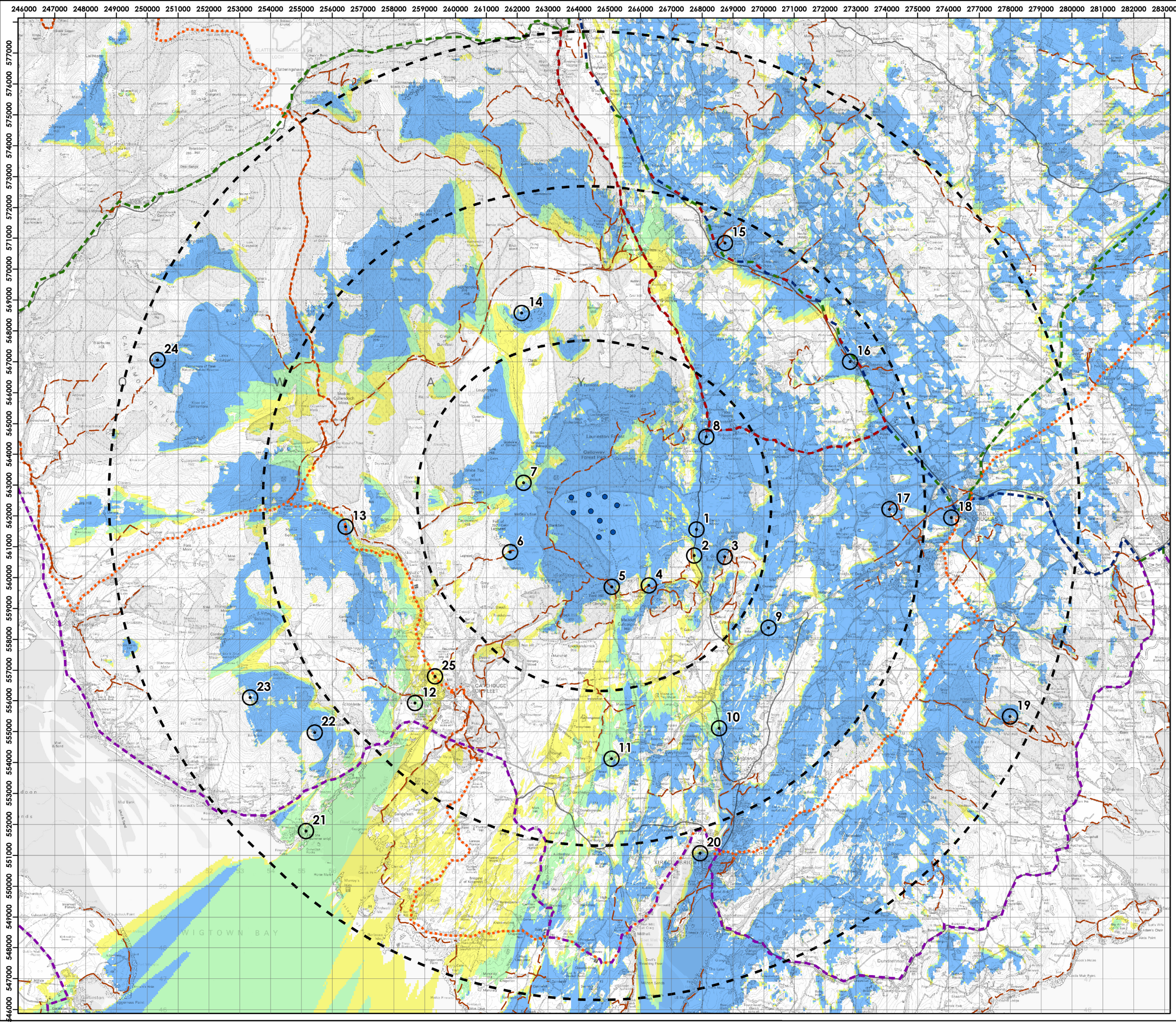




Lairdmannoch Energy Park

wind2

Figure 5-6
Visual Receptor Locations with Zone
of Theoretical Visibility - Bare Ground

- Key**
- Proposed Development
 - Distance Radii from Outermost Turbines (5, 10, 15 km)
 - Viewpoints
 - Galloway Tourist Route
 - Red Kite Trail
 - Robert the Bruce Trail
 - South West 300
 - National Cycle Network Route 7
 - Core Paths
- Zone of Theoretical Visibility (180 m to blade tip)**
- 1 - 3 turbines may be visible
 - 4 - 6 turbines may be visible
 - 7 - 9 turbines may be visible

FIGURE DATA:
This figure has been based on the following data:
Layout file: D004-obvs-BT-T5-15km.shp;
D004-obvs-BT-T50-45km.shp
Terrain data: T5-DTM.asc; T50-DTM.asc
Viewer's eye height: 2m
Calculation grid size: 5m (to 15km from turbines) / 50m (beyond)

Notes:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DTM and has a 5m² (to 15km from turbines) / 50m² (beyond) resolution.

**STEPHENSON
HALLIDAY**
Planning, Landscape & Environment
an RSK company

atmos
CONSULTING

01.252.55

km

N

Scale @ A3:
1:115,000

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