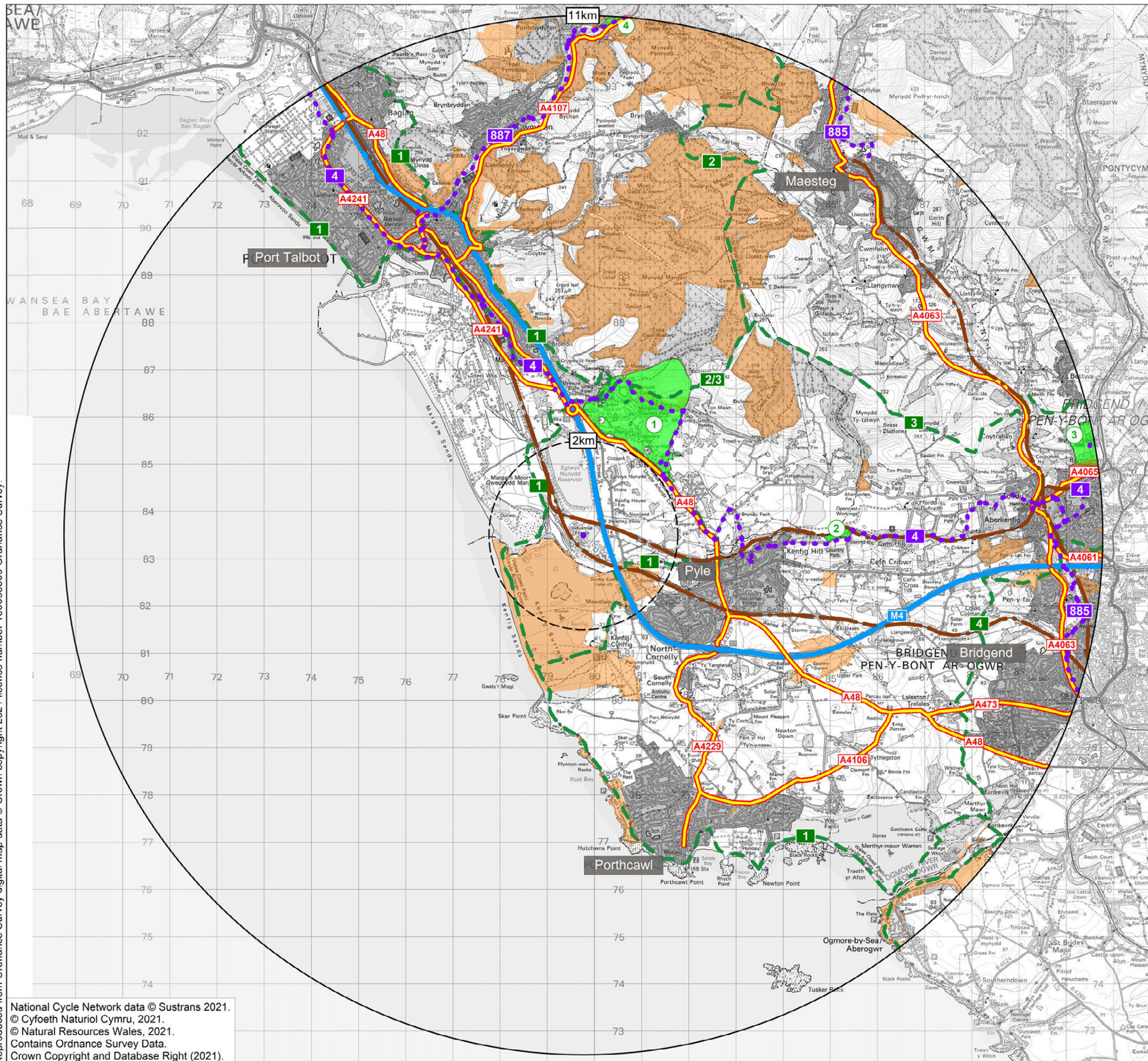




Key

- Proposed Wind Turbine
- Study Area (11km radius)
- Study Area (2km radius)

Principal Visual Amenity Receptors

- Country Parks
 - 1) Margam Park
 - 2) Bedford Park
 - 3) Bryngarw
 - 4) Afan Argoed
- Recreational Routes
 - 1) Wales Coast Path
 - 2) St Illtyd's Walk
 - 3) Ogwr Ridgeway Walk
 - 4) Bridgend Circular Walk
- National Cycle Route
- Open Access Areas
- Motorway
- A Roads
- Railway
- Main Settlements

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Scale 1:80,000 @ A3
0 2 4km

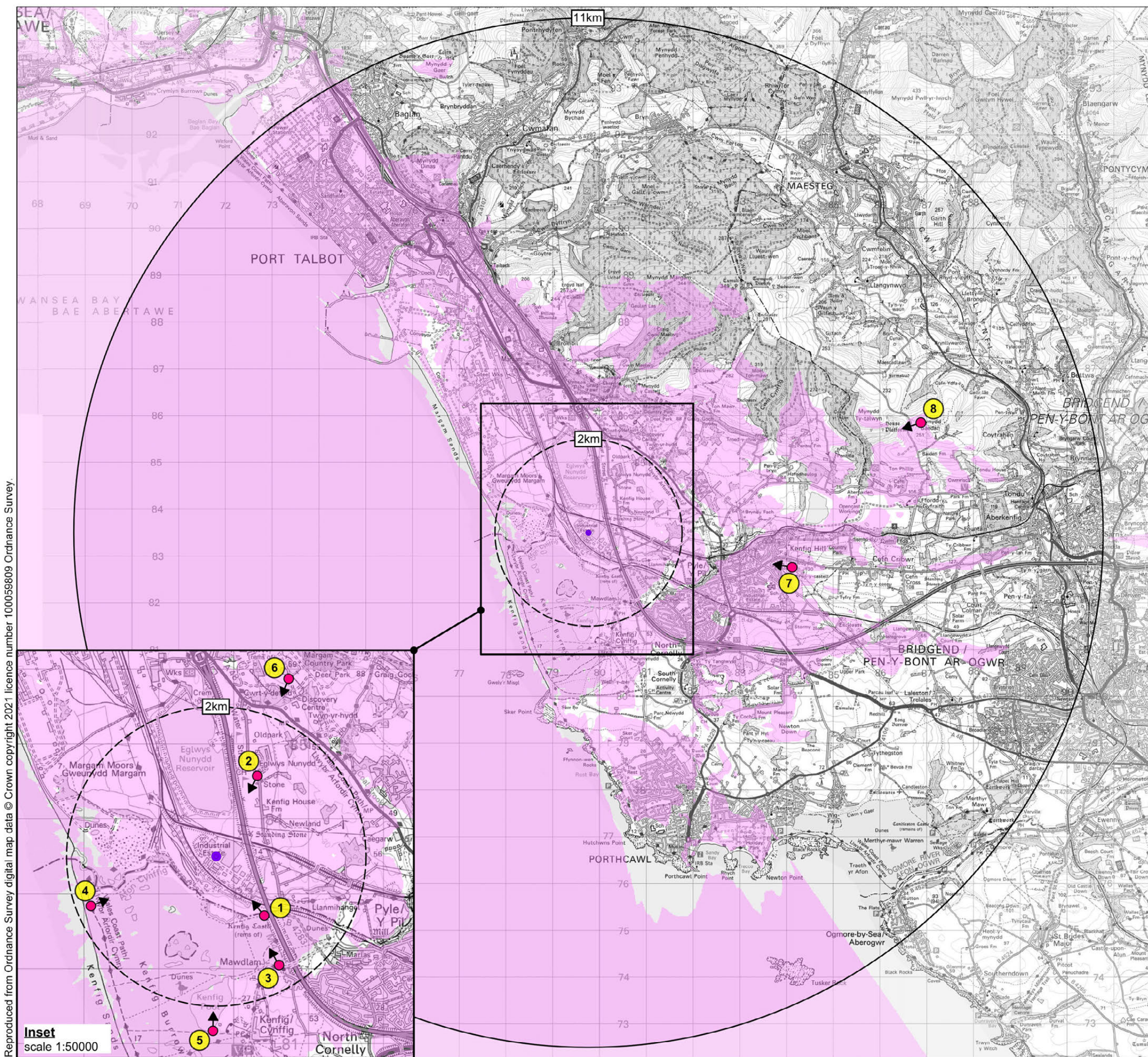
Drawn : PS
Ref : P0524
Date : 12/04/2021

Checked : AJW
Revision : 000

Principal Visual Amenity Receptors
Figure 6

Kenfig Industrial Estate Wind Turbine
Bridgend

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Key

-  Proposed Wind Turbine
-  Study Area (11km radius)
-  Study Area (2km radius)

Zone of Theoretical Visibility (ZTV) to Hub

-  Zone of Theoretical Visibility
-  Viewpoint locations

Note:

Proposed Wind Turbine Co-ordinates: E 279765 N 183502

The ZTV illustrates an area of theoretical visibility of any part of the wind turbine, calculated to hub height of 70m.

The ZTV is based on landform data only, with any ridgelines, plateaus and valleys reflected in the extent of predicted visibility.

The ZTV represents a 'worse-case' scenario with regard to the visibility of the wind turbine. The ZTV however does form an appropriate starting point for undertaking the landscape and visual impact assessment and selection of viewpoints.

The ZTV was calculated using Resoft WindFarm software on Ordnance Survey (OS) raster tiles of 1:50,000 scale and OS Terrain 50 DTM grid data based on a 50m grid with 10m contour intervals.

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Scale 1:80,000 @ A3

0 2 4km



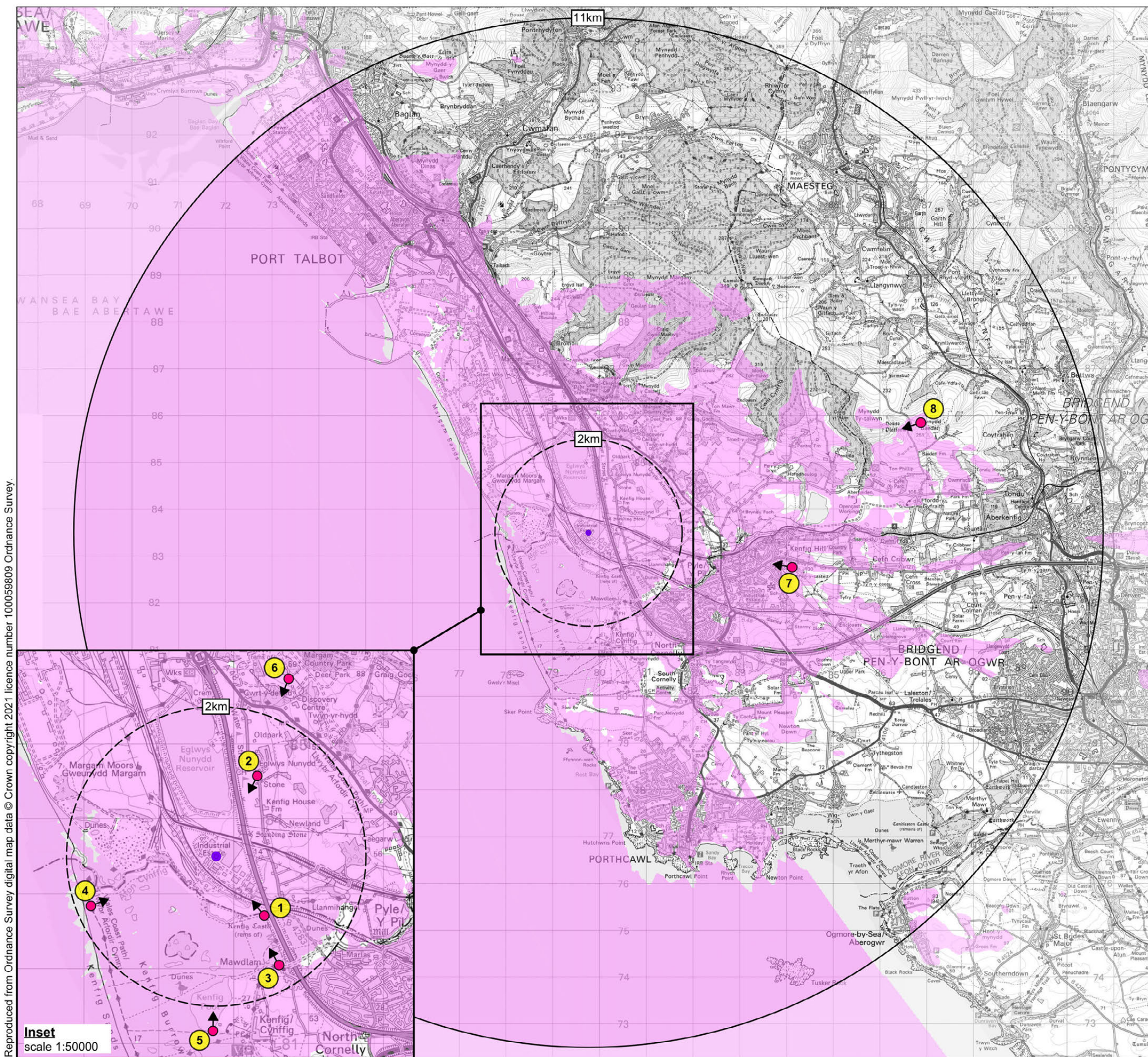
Drawn : PS	Checked : AJW
Ref : P0524	Revision : 000
Date : 12/04/2021	

Zone of Theoretical Visibility to Hub Height Figure 7A

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Key

-  Proposed Wind Turbine
-  Study Area (11km radius)
-  Study Area (2km radius)

Zone of Theoretical Visibility (ZTV) to Blade Tip

-  Zone of Theoretical Visibility
-  Viewpoint locations

Note:

Proposed Wind Turbine Co-ordinates: E 279765 N 183502

The ZTV illustrates an area of theoretical visibility of any part of the wind turbine, calculated to blade tip height of 100m.

The ZTV is based on landform data only, with any ridgelines, plateaus and valleys reflected in the extent of predicted visibility.

The ZTV represents a 'worse-case' scenario with regard to the visibility of the wind turbine. The ZTV however does form an appropriate starting point for undertaking the landscape and visual impact assessment and selection of viewpoints.

The ZTV was calculated using Resoft WindFarm software on Ordnance Survey (OS) raster tiles of 1:50,000 scale and OS Terrain 50 DTM grid data based on a 50m grid with 10m contour intervals.

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Scale 1:80,000 @ A3

0 2 4km



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Zone of Theoretical Visibility to Blade Tip Figure 7B

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