

## **Technical note:**

# Trecelyn Wind Farm: Stage 1 Assessment of Designated Heritage Assets

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# 1. Introduction

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- 1.1.1 This document presents a Stage 1 Settings Assessment, prepared by WSP UK Limited for Pennant Walters (hereafter 'the Client'), to identify historic assets which could be affected by a change to their settings as a result of proposals for Trecelyn Wind Farm, Caerphilly hereafter named 'the Site' (Figure 1.1). The Site comprises three parcels of land located as follows: Northern Parcel at ST 23440 98116; Central Parcel at ST 23193 96915; and Southern Parcel at ST 22902 96117. The Proposed Development includes four wind turbines with a maximum tip height of 145m, substation and transformer housing, temporary construction compound, temporary site offices, crane pads and cabling, and access track construction.
- 1.1.2 This document has been prepared in response to a request from Cadw within Scoping Direction CAS-02114-J9X4S6 (dated 02/12/22) to identify those assets which will be included in the assessment within the Environmental Statement (ES). As the proposed wind farm will generate more than 10MW it is defined as a Development of National Significance (DNS) and will be considered by Planning and Environmental Decisions Wales (PEDW) before being determined by Welsh Ministers. The Project is subject to Environmental Impact Assessment (EIA).

## 2. Assessment

- 2.1.1 This Stage 1 Assessment has been carried out for all the designated heritage assets within 5km of the Site, and for all the registered historic landscapes and World Heritage Sites within 10km of the Site, in accordance with The Setting of Historic Assets in Wales<sup>1</sup>.
- 2.1.2 The selection of historic assets to be included in the ES has been completed with reference to the preliminary Zones of Theoretical Visibility (ZTV) that have been calculated to show the area of theoretical visibility of the proposed turbines based on an indicative four turbine layout of up to 145m turbine height (blade tips) in Figure 2.1. The Stage 1 Assessment is presented in Table 2.1.

**Table 2.1 Designated Assets within 5km of the Site.**

Reference	Name	Rationale	To be assessed further in ES
<b>Scheduled Monuments</b>			
1441	Charcoal Blast Furnace at Abercarn	Within ZTV. 1.24 km to the south-west of the Site. Potential effect due to proximity to development.	Y
1561	Llanderfel Church	Not in ZTV. 3.41 km to the south-east of the Site. No change	N
2349	Twm-Barlwm Mound and Bailey Castle	Within ZTV. 3.39 km to the south-east of the Site. Potential effect due to prominent position in the landscape and proximity to development.	Y
2381	St Illtyd Castle Mound	Within ZTV. 3.62 km to the north of the Site. Potential effect due to prominent position in the landscape and proximity to development.	Y
2396	Cwmybyrgwm Colliery	Not in ZTV. 4.91 km to the north of the Site. No change	N
2968	Cairns West of Craig y Dyffryn	Not in ZTV. 3.72 km to the south-east of the Site. No change	N
2972	Twyn Tudor	Not in ZTV. 3.66 km to the south-west of the Site. Assessment requested by Cadw.	Y
3151	Old Beam Pump & Winding Engine, Glyn Pits	Not in ZTV. 2.84 km to the north-east of the Site. No change	N
3487	Iron Ore Scours at Upper Race, Pontypool	Not in ZTV. 2.83 km to the east of the Site. No change	N

<sup>1</sup> Welsh Government, (2017). The Setting of Historic Assets in Wales <https://cadw.gov.wales/advice-support/placemaking/heritage-impact-assessment/setting-historic-assets> (Accessed September 2023).

Reference	Name	Rationale	To be assessed further in ES
3493	Former Dam of Cwmcarn Canal Reservoir	Not in ZTV. 2.24 km to the south of the Site. No change	N
3964	Pen y Fan Canal Reservoir	Within ZTV. 3.51 km to the north-west of the Site. Potential effect due to proximity to development.	Y
2981	Fort South of Pen-Llwyn-Fawr	Within ZTV 5.0 km to the west of the Site. The fort is situated on a south-facing slope in the middle of a housing estate and is crossed by Highfield Road. Negligible change at this distance.	N
<b>Listed Buildings</b>			
1866	St Illtyd's Church	Within ZTV. 3.65 km to the north of the Site. Potential effect due to prominent position in the landscape and proximity to development.	Y
1867	Hafod-arthen	Within ZTV. 3.51 km to the north of the Site. Farmhouse setting defined by location in the rural hilltop hamlet of St Illtyd. Negligible change.	N
	<b>Church of St Tudor Mynyddislwyn Group</b>	Not in ZTV. 3.60 km to the south-west of the Site. Assessment requested by Cadw.	Y
1882	Church of St Tudor Mynyddislwyn		
22315	Lychgate at St Tudor's Church Mynyddislwyn		
1883	Beulah Baptist Church and attached wing and gateway	Within ZTV. 1.68 km to the west of the Site. Setting defined by the location in the town of Newbridge. Negligible change.	N
1884	Crumlin Viaduct E Abutment Ebbw Valley	Within ZTV. 1.31 km to the west of the Site. Setting defined by location in Crumlin town. Negligible change.	N
1885	Former Barn at Croespenmaen	Within ZTV. 3.20 km to the west of the Site. Setting defined by location in Croespenmaen. The original rural setting is now lost to surrounding modern urban development. Negligible change.	N
1889	<b>Former Navigation Colliery Group</b>	Within ZTV. 1.64 km to the west of the Site. Potential effect due to proximity to development.	Y

Reference	Name	Rationale	To be assessed further in ES
	Former Navigation Colliery Offices		
1890	Former Navigation Colliery Chimney		
1891	Former Navigation Colliery South Winding Engine House		
1892	Former Navigation Colliery Lamp Room		
1893	Former Navigation Colliery Workshops and Stores		
1894	Former Navigation Colliery North Winding Engine House		
1895	Former Navigation Colliery Electrical Outbuilding		
1896	Former Navigation Colliery Power House and Pump House		
1897	Former Navigation Colliery Fan House and Fan Drift		
21267	Rear Revetment Wall S		
16425	Former Navigation Colliery Powder Store and adjoining N Rear Revetment Wall		
16426	Former Navigation Colliery Heapstead and Main Revetment Wall		
16427	Former Navigation Colliery Middle Revetment Wall		
16428	Former Navigation Colliery Baths		
1898	Crumlin Old Farmhouse and abutting barn	Within ZTV. 2.64 km to the west of the Site. Setting defined by rural location in Crumlin. Negligible change.	N

Reference	Name	Rationale	To be assessed further in ES
1899	Cwmdows Farmhouse	Within ZTV. 2.11 km to the west of the Site. Setting defined by location in Newbridge. The original rural setting is now lost to surrounding modern urban development. Negligible change.	N
1901	Caerllwyn Isaf and attached byre/stable	Not in ZTV. 4.51 km to the south-west of the Site. No change.	N
1902	Cyncoed Farm Cottage	Within ZTV. 3.76 km to the west of the Site. Farmhouse setting defined by rural secluded location. Negligible change.	N
1903	Church of St Luke	Within ZTV. 1.10 km to the south-west of the Site. Set into the wooded hillside above the Ebbw Vale just above the centre of Abercarn. Potential effect due to proximity to development.	Y
1906	Cwmbrynar aka Cwmbraenar Cottage	Within ZTV. 3.62 km to the west of the Site. Setting defined by location in Cwn Braenar, an area of mid-19 <sup>th</sup> century mining activity to which this cottage is likely to be associated with. Negligible change.	N
18425	<b>Gelli-Dywyll Farmhouse Group</b> Gelli-Dywyll Farmhouse (also known as Cwmgelli Farm)	Not in ZTV. 5.05 km to the west of the Site. Farmhouse setting defined by rural location in Blackwood. No change.	N
18426	T-plan agricultural range at Gelli-Dywyll Farm (also known as Cwmgelli Farm)		
18723	Oakdale Hospital	Within ZTV. 4.38 km to the west of the Site. Setting defined by location in Oakdale. Negligible change at this distance.	N
18854	St James's Vicarage	Within ZTV. 4.80 km to the east of the Site. Setting defined by location in Pontypool town centre. Negligible change at this distance.	N
20995	Welsh Presbyterian Church	Within ZTV. 1.06 km to the south-west of the Site. Potential effect due to proximity to development.	Y
20996	Abercarn War Memorial	Within ZTV. 1.19 km to the south-west of the Site. Setting defined by location in Abercarn town. Negligible change.	N

Reference	Name	Rationale	To be assessed further in ES
1900 20998	<b>Rhyswg Fawr Farmhouse Group</b> Rhyswg Fawr Farmhouse and walled forecourt Barn at Rhyswg Fawr	Within ZTV. 1.2 km to the south of the Site. Potential effect due to proximity to development.	Y
21002	Ty Mynydd	Within ZTV. 2.40 km to the west of the Site. Upland farmhouse. Potential effect due to proximity to development.	Y
21254 21255 21256 21262	<b>Crumlin Viaduct Group</b> Crumlin Viaduct W Abutment Ebbw Valley Crumlin Viaduct NE Abutment Cwm Kendon Crumlin Viaduct SW Abutment Cwm Kendon Viaduct Cottage	Within ZTV. 1.60 km to the west of the Site. Setting defined by location in Crumlin town. Negligible change.	N
21258	Penrhiwlas	Within ZTV. 2.93 km to the west of the Site. Farmhouse setting defined by location in the hilltop hamlet of Croespenmaen. The original rural setting is now lost to surrounding modern urban development. Negligible change.	N
21259 21260	<b>Gelli farmhouse Group</b> Gelli farmhouse and attached farm range Barn at Gelli	Within ZTV. 3.30 km to the north-west of the Site. Farmhouse setting defined by rural location in Trinant. Negligible change.	N
21261	Church of Christ Church Aberbeeg	Within ZTV. 3.75 km to the north of the Site. Setting defined by prominent location in Aberbeeg with easterly views across the Ebbw Valley. Negligible change.	N
21263 21264	<b>Llanerch-uchaf Group</b> Llanerch-uchaf farmhouse and attached farm range Barn at Llanerch-uchaf	Within ZTV. 2.23 km to the north-west of the Site. Farmhouse setting defined by rural location in Trinant, on west side of the Ebbw Valley in a secluded and undulating location. Negligible change	N
21265 21266	<b>Pentref-y-Groes Group</b> Pentref-y-Groes	Within ZTV. 3.15 km to the west of the Site. Farmhouse setting defined by location in the hilltop hamlet of Croespenmaen. The original rural setting is now lost to surrounding	N

Reference	Name	Rationale	To be assessed further in ES
	Barn and byre range at Pen-y-groes	modern industrial development. Negligible change.	
21427	Argoed Baptist Church	Within ZTV. 4.79 km to the west of the Site. Setting defined by location in Argoed. Negligible change at this distance.	N
21498	Church of St Paul	Within ZTV. 1.83 km to the west of the Site. Setting defined by location in Newbridge town, in a densely built-up area. Negligible change.	N
21499	Church of Our Lady of Peace and attached Presbytery	Within ZTV. 1.87 km to the west of the Site. Setting defined by location in Newbridge town, with the main frontage and original access being west facing. Negligible change.	N
21500	Celynyn Collieries Workmen's Institute	Within ZTV. 1.79 km to the west of the Site. Setting defined by location on High Street in Newbridge town, with the main frontage and original access being north facing. Negligible change.	N
21501	Preswylfa	Within ZTV. 2.28 km to the west of the Site. Setting defined by location in Newbridge town, with a north facing frontage and secluded, wooded southern aspect. Negligible change.	N
	<b>Former Hall's tramroad Group</b>	Within ZTV. 2.63 km to the west of the Site. Setting defined by location in Newbridge town. Negligible change.	N
21502	Former Hall's tramroad and railway tunnel E portal		
21503	Former Hall's tramroad and railway tunnel W portal		
21504	Pentwyn-isaf	Within ZTV. 2.71 km to the west of the Site. Farmhouse setting defined by rural location to the north-west of Newbridge. Negligible change.	N
21511	Wall, railings and gates at Oakdale Hospital	Within ZTV. 4.33 km to the west of the Site. Setting defined by location in Oakdale. Negligible change.	N
21512	The Oakdale Public House	Within ZTV. 4.13 km to the west of the Site. Setting defined by location in Oakdale. Negligible change.	N



Reference	Name	Rationale	To be assessed further in ES
21513	Former Tramroad Bridge (partly in Pontllanfraith Community)	Not in ZTV. 4.19 km to the west of the Site. No change.	N
21620	Former Mynyddislwyn Urban District Council Offices	Within ZTV. 4.71 km to the west of the Site. Setting defined by location in Pontllanfraith. Negligible change at this distance.	N
21622	War Memorial	Within ZTV. 4.61 km to the west of the Site. Setting defined by location in Pontllanfraith. Negligible change at this distance.	N
	<b>Siloh Presbyterian Church Group</b>	Not in ZTV. 4.94 km to the west of the Site. No change.	N
21623	Siloh Presbyterian Church		
21624	Pair of chest tombs at Siloh Presbyterian Church		
	<b>New Bethel Chapel Group</b>	Within ZTV. 3.22 km to the west of the Site. Setting defined by a rural location with an undulating and secluded location, and overall eastern aspect of the School Room and cemetery. Negligible change.	N
1887	Former School Room, New Bethel, and attached wall		
21626	New Bethel Chapel		
21627	Wall, railings and gates at New Bethel Chapel graveyard		
21631	Former Tramroad Bridge (partly in Penmaen Community)	Not in ZTV. 4.19 km to the west of the Site. No change.	N
	<b>Monuments at New Bethel Group</b>	Within ZTV. 3.22 km to the west of the Site. Setting defined by a rural location with an undulating and secluded location, and overall eastern aspect of the School Room. Negligible change.	N
21632	Monuments to James Thomas and family at New Bethel		
21633	Monument to Martha Williams at New Bethel		
21634	Monument to Margaret Williams at New Bethel		
21635	Monument to Elizabeth Jones at New Bethel		
21636			

Reference	Name	Rationale	To be assessed further in ES
21637	Nicholas monument at New Bethel		
21638	Monument to Rosser Williams at New Bethel Monument to Thomas Henry Thomas at New Bethel		
22514	Church of St Mary Risca	Not in ZTV. 4.67 km to the south of the Site. No change.	N
22672	Ty-Ilwyd	Within ZTV. 3.38 km to the north of the Site. Farmhouse setting defined by location in the rural hilltop hamlet of St Illtyd. Negligible change.	N
22673	<b>Swffryd-ganol Group</b> Swffryd-ganol including front garden wall	Within ZTV. 0.98 km to the north of the Site. Potential effect due to proximity to development.	Y
22674	Barn Range including cow-house at Swffryd-ganol		
25737	<b>The Gables Group</b> The Gables	Within ZTV. 1.32 km to the south-west of the Site. Setting of a 20 <sup>th</sup> century mine owner's house defined by location in Abercarn town, on a west-facing slope in a secluded, wooded area. Negligible change.	N
25738	Terraced steps at The Gables		
26701	<b>Maes Manor Group</b> Maes Manor Hotel	Within ZTV. 4.68 km to the west of the Site. Setting of country house defined by a rural location in Blackwood. Negligible change at this distance.	N
26702	Upper terrace revetment and steps in garden to S of Maes Manor		
26703	Lower terrace revetment and gates in garden to S of Maes Manor		
26704	Gate piers and flanking walls to forecourt of Maes Manor		
26706	Kitchen garden walls, pavilion and terrace at Maes Manor		
26707			

Reference	Name	Rationale	To be assessed further in ES
26708	Gate piers with flanking doorways and walls at entrance to Maes Manor		
26709	North Lodge South Lodge		
81922	<b>Gellipistyll Group</b> Gellipistyll	Within ZTV. 3.54 km to the north-east of the Site. Farmhouse setting defined by rural location on the outskirts of Pontypool. Negligible change.	N
81923	Outbuilding to SE of Gellipistyll		
81925	Railway viaduct at Cwm Ffrwd-oer	Within ZTV. 4.17 km to the north-east of the Site. Setting defined by location on outskirts of Pontypool. Negligible change.	N
82346	Celyn Collieries Workmen's Memorial Hall, including forecourt wall and gates	Within ZTV. 1.79 km to the west of the Site. Setting defined by location on High Street in Newbridge town. Negligible change.	
87579	<b>Abertillery and District Hospital Group</b> Abertillery and District Hospital (original ranges only)	Within ZTV. 3.75 km to the north of the Site. Setting defined by prominent location in Aberbeeg with easterly views across the Ebbw Valley. Negligible change.	N
87580	Memorial Gates to Abertillery and District Hospital		
<b>Conservation Areas</b>			
	Pontypool	Partially within ZTV. 4.74 km to the north-east of the Site. Negligible change at this distance.	N
	Oakdale	Within ZTV 3.68 km to the west of the Site. Potential effect due to proximity to development.	Y
	Mon and Brecon Canal	Not in ZTV. 4.53 km to the east of the Site. No change.	N
	Upper Cwmbran	Not in ZTV. 2.82 km to the east of the Site. No change.	N
	Gelligroes	Not in ZTV. 4.62 km to the west of the Site. No change.	N

Reference	Name	Rationale	To be assessed further in ES
	Cwmcarn Memorial Park	Not in ZTV. 2.26 km to the south of the Site. No change.	N
	Pontywaun Garden Suburbs	Not in ZTV. 2.68 km to the south of the Site. No change.	N
	Newbridge	Within ZTV 1.77 km to the west of the Site. Potential effect due to proximity to development.	Y
<b>Historic Park and Garden</b>			
<b>Gt26</b>	Pontypool Park	Partially within ZTV. 4.88 km to the north-east of the Site. Landscape park setting defined by location to the east of Pontypool town. Negligible change at this distance.	N
<b>Gt54</b>	Maes Manor Hotel	Within ZTV. 4.68 km to the west of the Site. Setting of terraced Edwardian formal garden defined by association with Maes Manor in an enclosed rural location in Blackwood. Negligible change at this distance.	N
<b>Registered Historic Landscape and World Heritage Site</b>			
<b>HLW (Gt) 1</b>	Blaenavon registered landscape of outstanding historic interest	The Blaenavon registered landscape is 8.3km to the north of the Site, with the majority, and the town of Blaenavon, not in the ZTV. The Blaenavon registered landscape is within the ZTV at distances of over 10km from the Site. Negligible change at this distance.	N
<b>HLW (MGI) 4</b>	Gelli-Gaer Common registered landscape of outstanding historic interest	Within ZTV. 8.6km to the west of the Site. Negligible change at this distance.	N
<b>984</b>	The Blaenavon Industrial Landscape World Heritage Site	The Blaenavon Industrial Landscape World Heritage Site is 8 km to the north of the Site, with the majority, and the town of Blaenavon, not in the ZTV. The Blaenavon Industrial Landscape World Heritage Site is partially within the ZTV at distances of over 10km from the Site. Negligible change at this distance.	N

2.1.3 Following a review of the ZTV and the location of historic assets beyond 5km from the Site, it is concluded that there are no further assets which could be significantly affected.

2.1.4 From this assessment five scheduled monuments, eight listed buildings (or groups), and two conservation areas are proposed to be assessed further within the EIA process.

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### Issued by

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Katie Pitt

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### Approved by

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Simon Atkinson

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This document has been produced by WSP UK Limited in full compliance with our management systems, which have been certified to ISO 9001, ISO 14001 and ISO 45001 by Lloyd's Register.

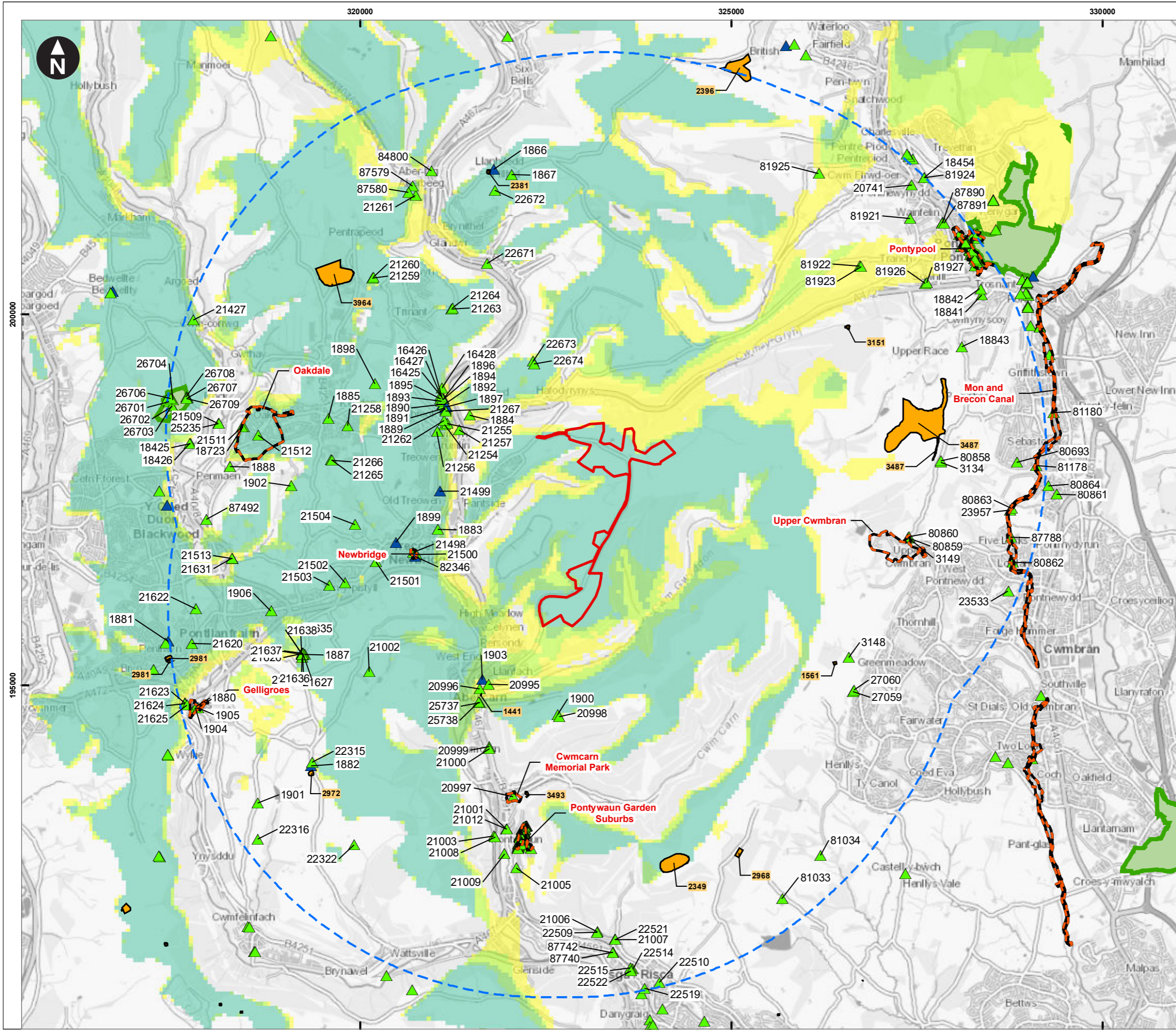
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### Document revisions

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No.	Details	Date
1	Draft	26.09.23
2	Final	03.10.23
3	Final - revised	31.10.23

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**Key**

- Site boundary
- 5km search area
- Scheduled Monument
- Conservation area
- Registered Historic Park and Garden

**Listed Building**

- ▲ Grade II\*
- ▲ Grade II

**ZTV to blade tip**

- 1 turbine may be theoretically visible
- 2 turbines may be theoretically visible
- 3 turbines may be theoretically visible
- 4 turbines may be theoretically visible

0 500 1,000 1,500 2,000 2,500 m  
Scale at A3: 1:50,000  
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Trecelyn Wind Farm  
Appendix 7D Technical Note - Stage 1  
Assessment of Designated Heritage Assets

**Figure 7D.1**  
Designated Asset Data supplied by Cadw, 2023