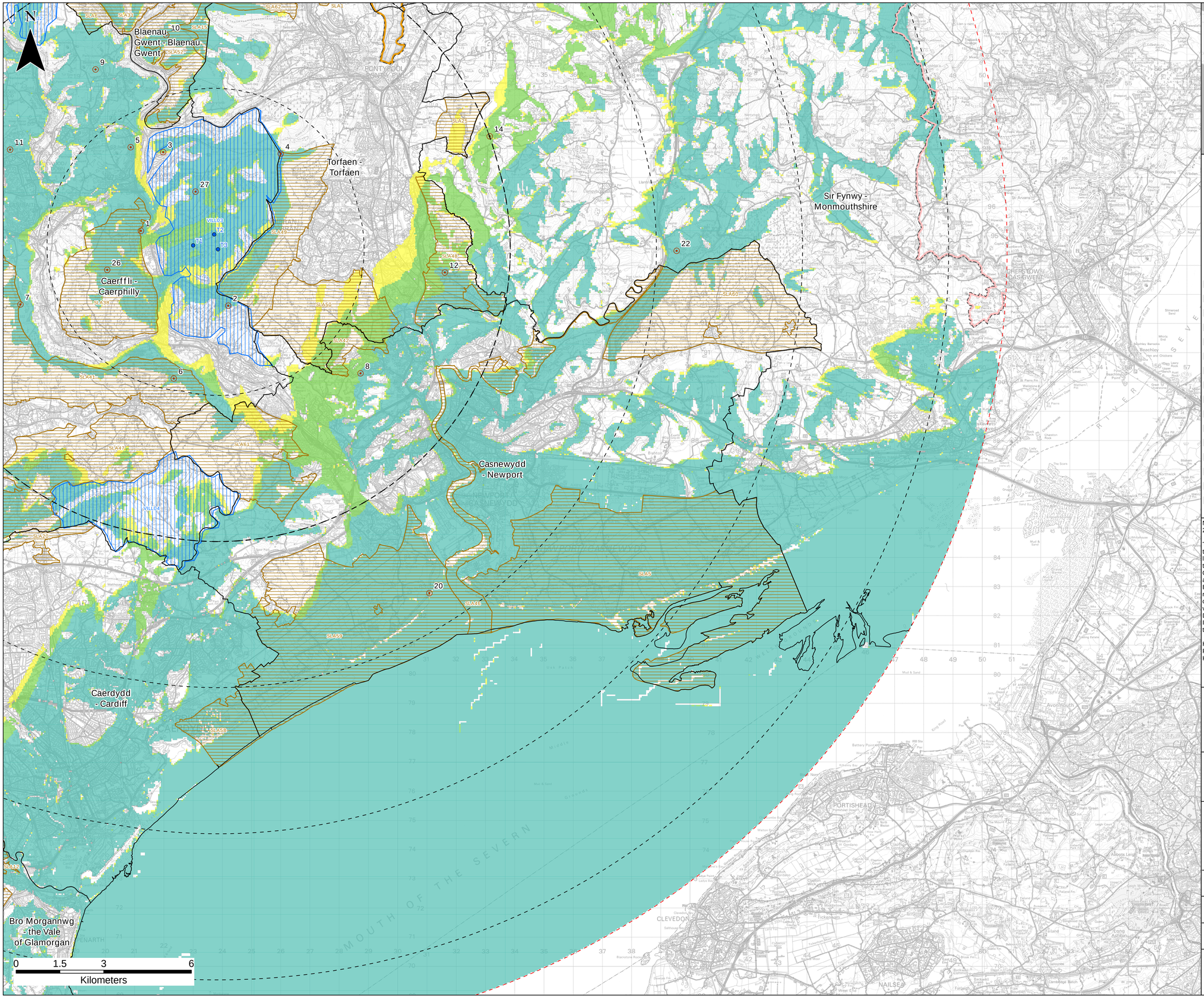

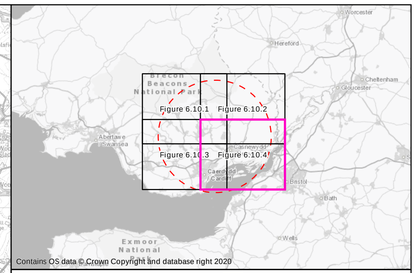

Legend

- Proposed Turbine Locations
- Viewpoints
- 27km LVIA Study Area
- Distance from the Proposed Turbines
- Local Authority Boundaries
- 1 turbine may be theoretically visible
- 2 turbines may be theoretically visible
- 3 turbines may be theoretically visible
- Bannau Brycheiniog National Park
- Wye Valley National Landscape
- Special Landscape Areas (SLA)
- Visually Important Local Landscape

VILL01 - Northern Rhymney Way
VILL02 - Manmoel
VILL03 - Abercarn
VILL04 - Rudry

SLA1 - Afon Lwyd Valley	SLA33 - Mynydd Hugh & Llantrisant Forest
SLA2 - Beaufort Common	SLA34 - Mynydd Troed y Rhiw Slopes
SLA3 - Blaenavon Heritage Landscape	SLA35 - Mynydd y Cymmer
SLA4 - Brecon Beacons Edge at Llwydcoed	SLA36 - Mynydd y Gaer
SLA5 - Caldicot Levels	SLA37 - Mynydd y Glyn & Nant Muchudd Basin
SLA6 - Cefn Manmoel	SLA38 - Myynddislwyn
SLA7 - Coed yr Hendy and Mwyndy	SLA39 - Nant Llancarfan
SLA8 - Craig yr Allt	SLA40 - Nant Morlais & Cwm Taf Fechan
SLA9 - Cwm Clydach	SLA41 - North Caerphilly
SLA10 - Cwm Orci	SLA42 - North of Bettws
SLA11 - Cwm Tyleri & Cwm Celyn	SLA43 - Northern Uplands
SLA12 - Cwrt-yr-Ala Basin	SLA44 - Pontygwaith
SLA13 - Cynon Valley Northern Slopes	SLA45 - Rhondda Fawr Northern Cwm & Slopes
SLA14 - Dyffryn Basin & Ridge Slopes	SLA46 - River Usk
SLA15 - Eastern Ridge & Mynydd James	SLA47 - South Caerphilly
SLA16 - Eastern Uplands	SLA48 - South Eastern Lowlands
SLA17 - Efail Isaf, Garth & Nantgarw Western Slopes	SLA49 - South West Uplands
SLA18 - Ely Valley & Ridge Slopes	SLA50 - Southern Lowlands
SLA19 - Ely Valley at Miskin	SLA51 - St Fagans Lowlands and Ely Valley
SLA20 - Fforest Fawr and Caerphilly Ridge	SLA52 - St Illtyd Plateau & Ebbw Eastern Sides
SLA21 - Garth Hill and Pentyrch Ridges	SLA53 - Taff Vale Eastern Slopes
SLA22 - Gelligaer	SLA54 - Talygarn Surrounds
SLA23 - Gelligaer and Taf Bargoed	SLA55 - Trefil and Garnllydan Surrounds
SLA24 - Hirwaun Common, Cwm Dare & Cwm Aman	SLA56 - Treforest Western Slopes
SLA25 - Llandegfedd Reservoir	SLA57 - Upper Rhymney Valley
SLA26 - Llanharry Surrounds	SLA58 - Wentloog Levels
SLA27 - Llantrisant Surrounds	SLA59 - Wentloogie Levels
SLA28 - Llwyncelyn Slopes	SLA60 - Wentwood
SLA29 - Merthyr West Flank	SLA61 - West of Rhiwderin
SLA30 - Mynydd Bedwellty, Rhymney & Sirhowy Sides	SLA62 - Western Uplands
SLA31 - Mynydd Carn-y-Cefn & Cefn yr Arail	SLA63 - Winchfawr
SLA32 - Mynydd Eglwysilan	

Notes: The study area is based on a 27km radius buffer that allows a minimum of 27km from each of the proposed turbine locations.

The ZTVs are calculated using ArcGIS Pro© software to generate the zone of theoretical visibility of the Proposed Development. This software creates a raster layer of the existing landscape and the Proposed Development using digital terrain data as follows:
Ordnance Survey Terrain 50m: Used to produce the main or standard ZTV plot and wirelines, these tiles provide a digital record of the existing landform of Great Britain, or Digital Terrain Model (DTM based on 50m grid squares and models representing the specified geometry and position of the proposed turbines. The computer model includes the entire LVIA Study Area and takes uses a 2m height value for surface offsets as viewer heights. DTM data sources from DataMapWales under the Open Government License for Public Sector Information (OGL) - National Parks and Long Distance Routes data used under the same license.

Hub height: 112m
Rotor diameter: 136m
Height to blade tip: 180m

CONTAINS OS DATA © CROWN COPYRIGHT [AND DATABASE RIGHT] [2023].

wsp

PROJECT TITLE:

RHYSWG WIND FARM

DRAWING TITLE:

FIGURE 6-10
NATIONAL AND LOCAL LANDSCAPE DESIGNATIONS WITH ZONE OF THEORETICAL VISIBILITY (ZTV) TO BLADE TIP (SHEET 4 OF 4)

CONFIDENTIALITY

PUBLIC

DRAWN:	CHECKED:	APPROVED:	AUTHORISED:
SB	SG	KW	DR

SCALE @ A1 SIZE:	DATE:	REVISION:
1:60,000	09/10/2025	P00

DRAWING NUMBER:

UK0041469.0596-WSPE-FG-OL-00019_P01.1