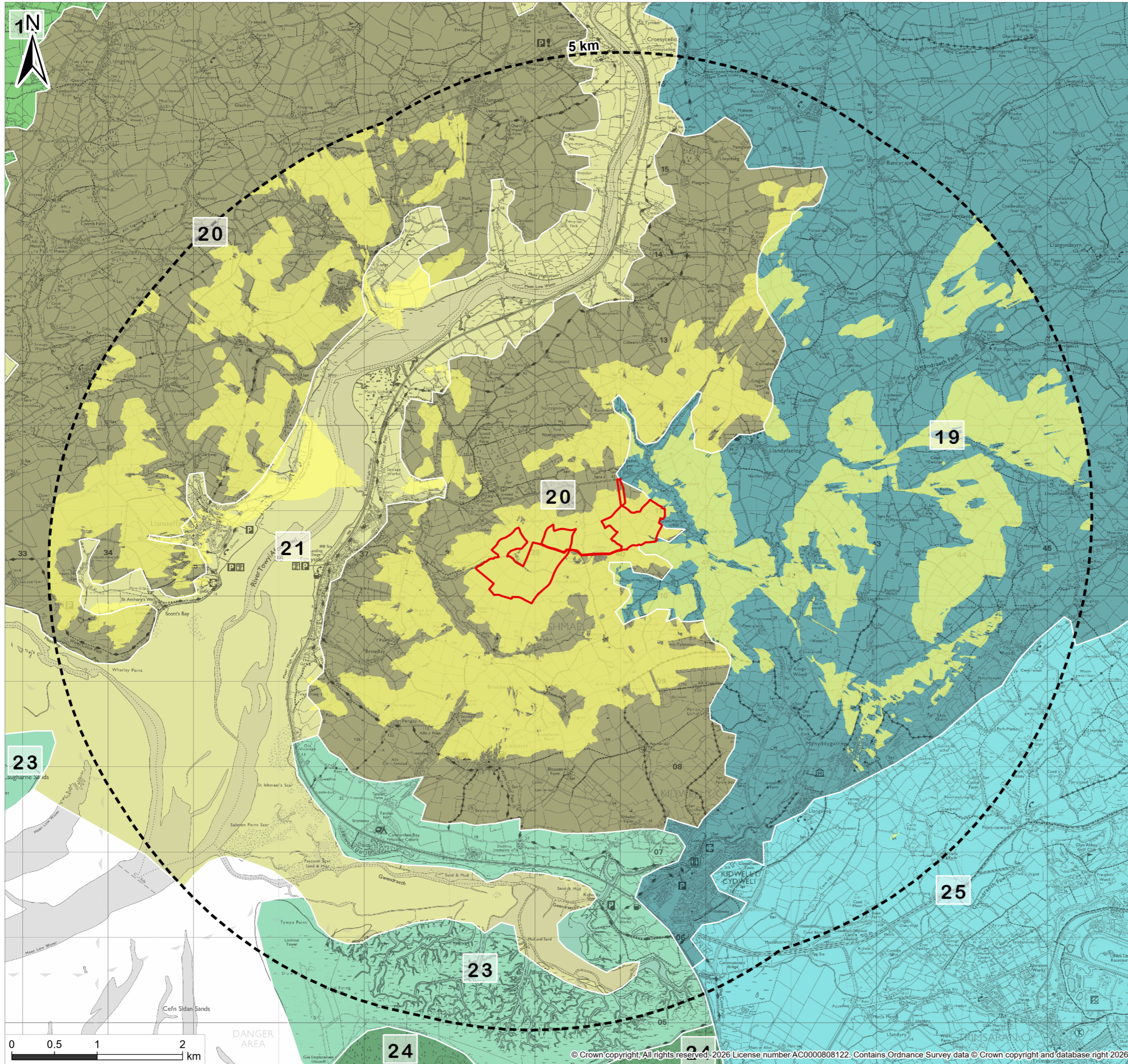




Environmental Statement, Volume 2, Figure
5.36: Carmarthenshire Landscape
Character Areas (incl. ZTV)
Heolddu solar farm

On behalf of Qualitas Energy



Legend

- Site
 - Study area
 - Zone of Theoretical Visibility
- Carmarthenshire Local Landscape Character Areas**
- 14: Camarthen to Whitland Corridor
 - 19: Tywi Valley - Camarthen to Llandeilo
 - 20: Tywi Costal Hills
 - 21: Taf-Tywi-Gwendraeth Estuary
 - 23: Taf-Tywi-Gwendraeth Estuary Levels
 - 24: Pembrey to Llangennech coastal levels
 - 25: Gwendraeth Fawr

Data source	OS Terrain 5
Date sourced	2024
Coverage	Within 5km of the Application Boundary
Original cell size	5 m

ZTV calculated using following heights

- Solar panels: 3 m
- Inverters: 2.2 m
- DNO substation: 3.3 m
- Transformer: 2.5 m
- Communications tower: 15.2 m
- Spares container: 2.5 m

Ground cover is modelled using indicative heights of 9m for buildings, and 12m for woodland blocks. Ground cover is located using OS Open Maps.

ZTV is not calculated beyond 5 km of Application Boundary
Viewer height is 1.7 m

The effects of earth curvature and light refraction are considered.
ZTV calculation does not use mathematically approximate methods.



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Project Name	Heolddu Solar Farm			
Drawing Title	Carmarthenshire Local Landscape Character Areas with Zone of Theoretical Visibility			

Figure Number	5.36			
Drawing Number	NDIP00319-0031-06			

06	17/03/2026	FINAL	AC	AI
Rev	Date	Status	By	CB

Scale @ A3	Plot Size	Datum
1:45,000	294 x 277 mm	OSGB 1936

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