

Swarclett Wind Farm

wind2

atmos
CONSULTING

Figure 5-2-8a
Viewpoint 8 - Lyth

Viewpoint Data

Grid Reference E327925, N963009
Elevation 49m AOD

Wireframe/Photograph

Height above ground 1.5m
Camera and Lens Canon 5D Mark II with fixed 50mm lens
Date 22/03/2022
Time 11:00






Proposed Turbine Information

Hub Height 83.5m
Blade Tip Height 149.9m

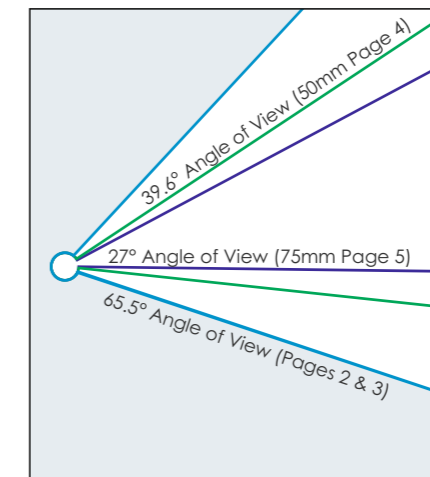
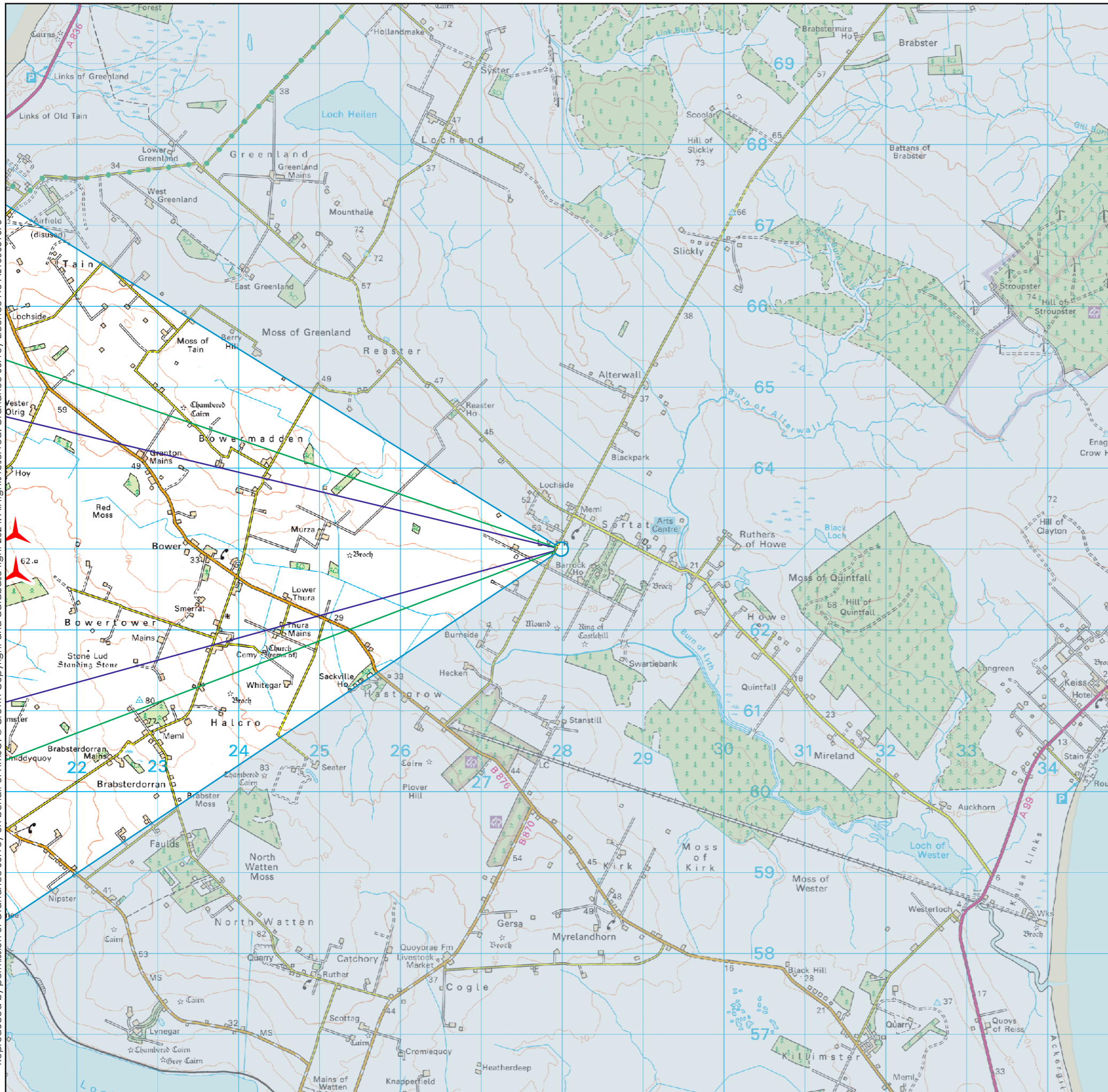
Predicted Visibility, Distance and Direction

Number of Turbine Tips Visible* 2
Number of Turbine Hubs Visible 2
Distance to Nearest Turbine 6.65 km
Direction to Site Centre 268.8°

Key

Proposed Turbine 
Turbine in Planning 
Consented Turbine 
Turbine in Scoping 
Operational Turbine 

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Tripod location



0km  3km

Scale 1:50,000@ A3



Wireframes are generated using Ordnance Survey's Terrain 5 which do not take into account the screening effects of buildings or vegetation.
*Refers to the number of turbines for which blade tips can be seen rather than the number of individual tips seen from the viewpoint.



Drawn by LB TL01
Checked by TH 04/04/2024
Approved by MT 40422_PM_C008a



Predicted View

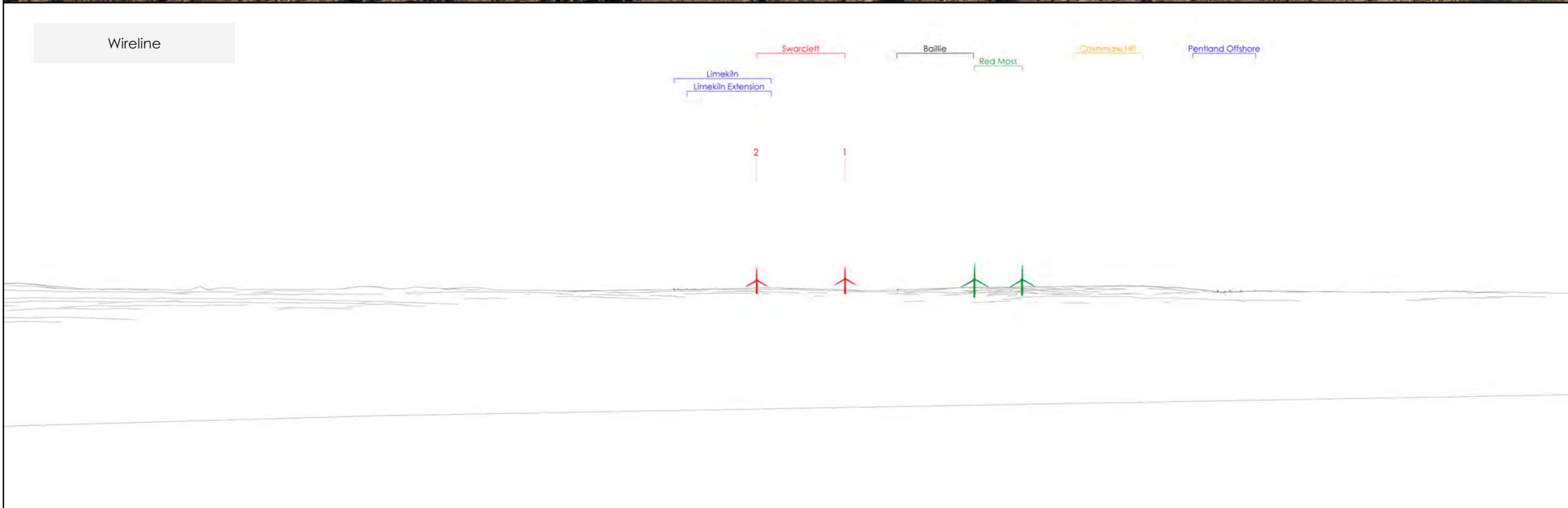
The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.

For empirical testing, the wireline image on the next page can be accurately assessed in the field when converted to a transparency. If viewed with one eye at a distance of 300mm from exactly the same location and height as the original camera lens, the image will fit the real landscape cues.

Existing View



Wireline



Predicted View (50mm Focal Length)



When viewed at a comfortable arms length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance.

| | | | | | | | | |
|--|-----------------------------------|--------------------------|--|---|---|-----------------------|--|--|
| | <p>Swarcleff Wind Farm</p> | <p>Viewpoint 8: Lyth</p> | <p>Distance to nearest turbine: 6.65km</p> | <p>Canon 5D Mark II @ 1.5m 22/03/2022 11:00</p> | <p>Horizontal Field of View: 39.6° Focal Length: 50mm</p> | <p>Figure 5-2-8 d</p> | | <p>Drawn by LB Checked by TH Approved by MT</p> <p>TL01i 04/04/2024 40422_PM_C008a</p> |
|--|-----------------------------------|--------------------------|--|---|---|-----------------------|--|--|

Predicted View (75mm Focal Length)



This image should be viewed at a comfortable arm's length (approx. 500mm)