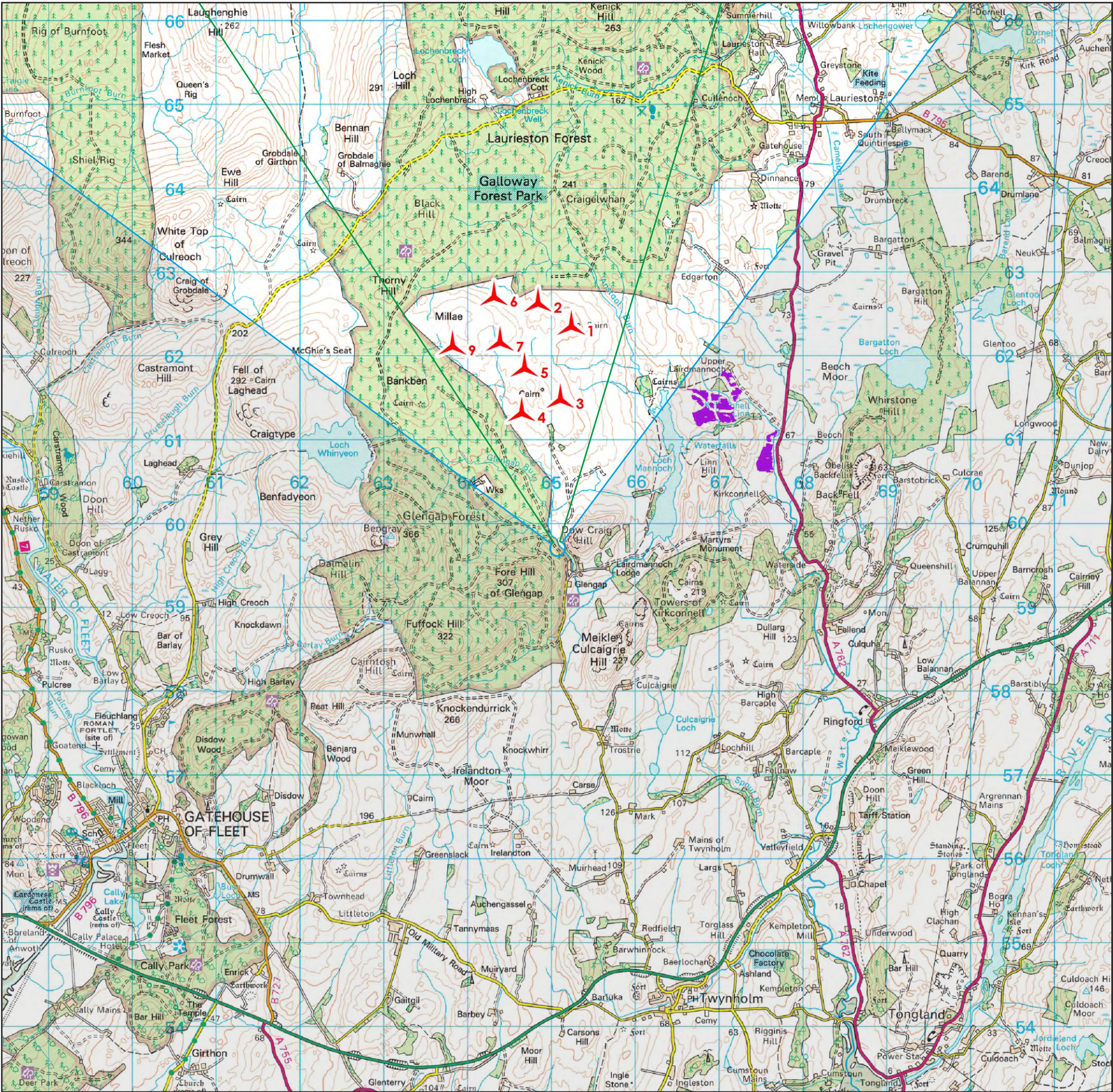


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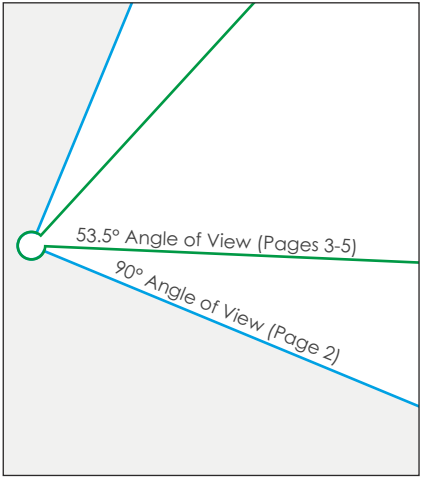
Lairdmannoch Energy Park

wind2

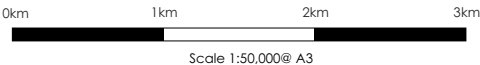
atmos
CONSULTING

Viewpoint 5 - Glengap

Viewpoint Data	
Grid Reference	265067, 559700
Elevation	158m AOD
Wireframe/Photograph	
Height above ground	2m
Camera and Lens	Canon 5D Mark II with fixed 50mm lens
Date	19/07/2023
Time	17:09
Proposed Turbine Information	
Turbines 1-5 and 7:	
Hub Height	98.5m
Blade Tip Height	180m
Turbines 6 and 9:	
Hub Height	80.9m
Blade Tip Height	149.9m
Predicted Visibility, Distance and Direction	
Number of Turbine Tips Visible*	8
Number of Turbine Hubs Visible	8
Distance to Nearest Turbine	1.66km
Distance to Nearest Solar Panel	2.22km
Direction to Site Centre	347°
Proposed Turbine	
Turbine in Planning	
Consented Turbine	
Consented Turbine, Variation Submitted	
Operational Turbine	
Proposed Solar Panel Extent	



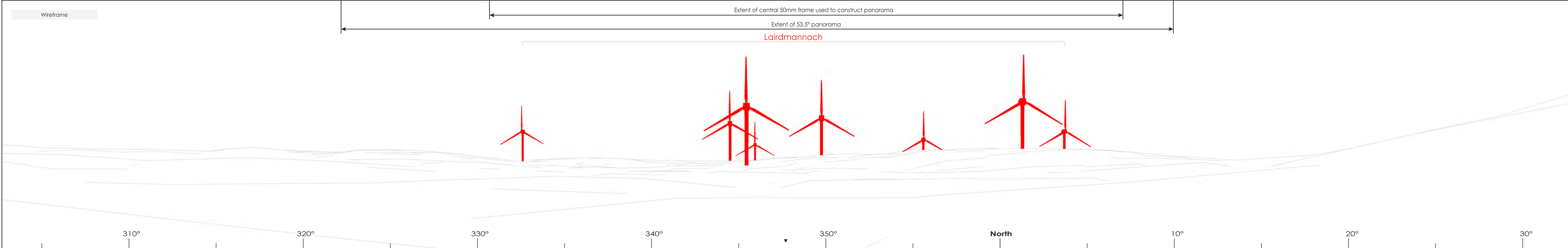
Tripod location

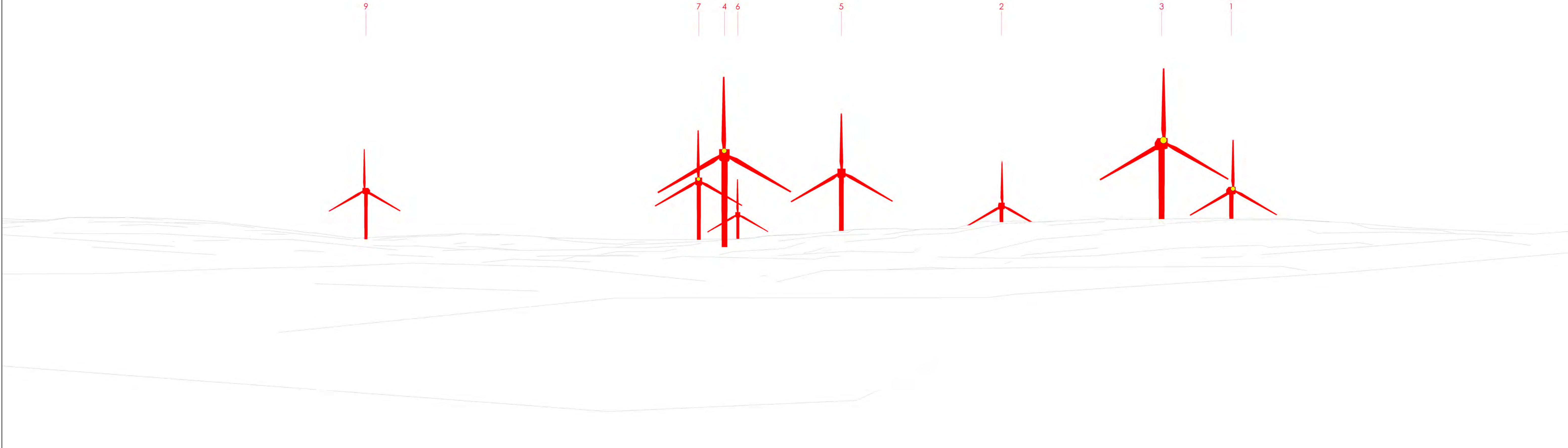


Wireframes are generated using Ordnance Survey's Terrain 5 Dataset which does not take into account the screening effects of buildings or vegetation.
*Refers to the number of turbines for which blade tips can be seen rather than the number of individual tips seen from the viewpoint.



The image provides landscape and visual context only.





● Presence of 2000 candela lighting (hub)



Night Photomontage - Predicted View



This montage includes the embedded mitigation of a reduced lighting scheme and automatic dimming of the lights at 200cd in 'good' visibility. This photography was taken not long after sunset in order to capture enough landscape context but the intensity of aviation lighting will not be perceived to its fullest until the sky is darker, usually before or after astronomical twilight has passed.