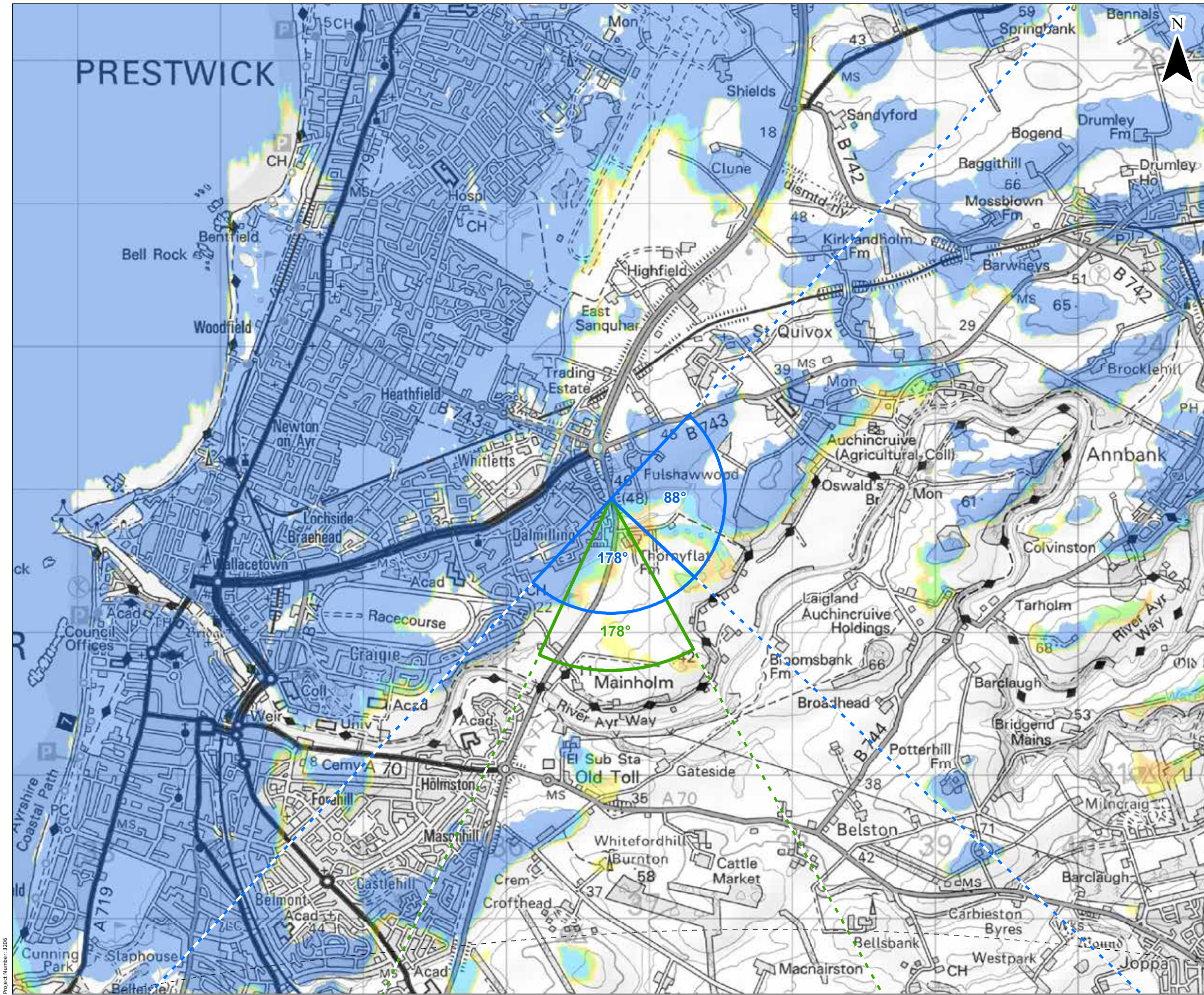


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**KEY**

- Site Boundary
- Proposed Turbine
- 10 km Radii
- 45 km LVIA Study Area
- Viewpoint Location
- Panorama with Wireline (90°HFOV)
- Photomontage and Wireline (53.5°HFOV)

Blade Tip ZTV

No. of Turbines Theoretically Visible

- 1 - 2
- 3 - 4
- 5 - 6
- 7 - 8
- 9

Blade tip: 180 / 200m    Observer height: 2m  
 DTM: OS T5/T50 DTM    Surface features: Excluded  
 DTM resolution: 10m    Earth curvature: Included

0 0.5 1 km

Scale 1:25,000 @ A3

Knockcronal Wind Farm  
 Environmental Impact Assessment Report  
 Figure 6.39a

Viewpoint 19: A77, Ayr

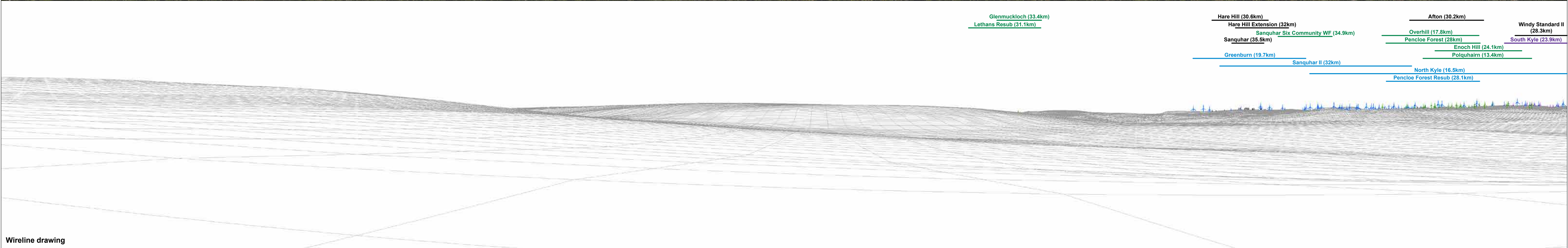
Date: 08/11/2021    Drawn by: JM    Checked by: SG    Version: V1





Baseline photograph

This image provides landscape and visual context only

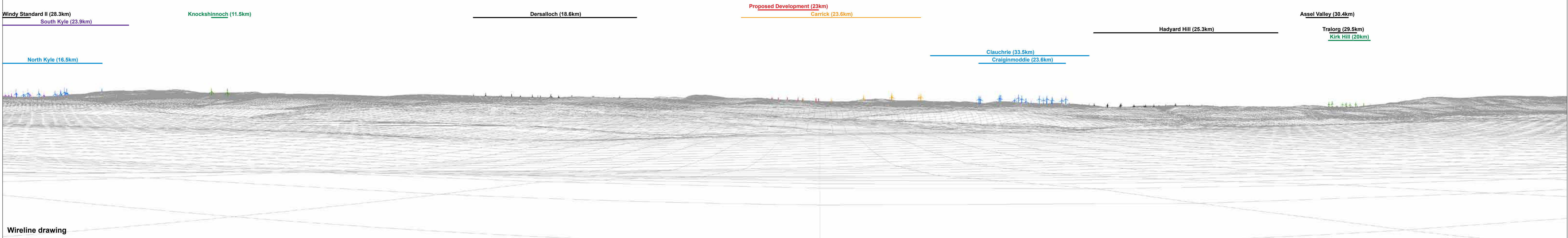


Wireline drawing

<b>OS reference:</b> 236730 E 622935 N	<b>Horizontal field of view:</b> 90° (cylindrical projection)	<b>Camera:</b> Canon EOS 5D
<b>Eye level:</b> 29.2 mAOD	<b>Principal distance:</b> 522 mm	<b>Lens:</b> Canon EF 50mm f/1.4
<b>Direction of view:</b> 88°	<b>Paper size:</b> 841 x 297 mm (half A1)	<b>Camera height:</b> 1.5 m
<b>Nearest turbine:</b> 23038 m	<b>Correct printed image size:</b> 820 x 130 mm	<b>Date and time:</b> 17/09/2020 16:15

Figure 6.39b  
Viewpoint 19: A77, Ayr  
Knockcraol



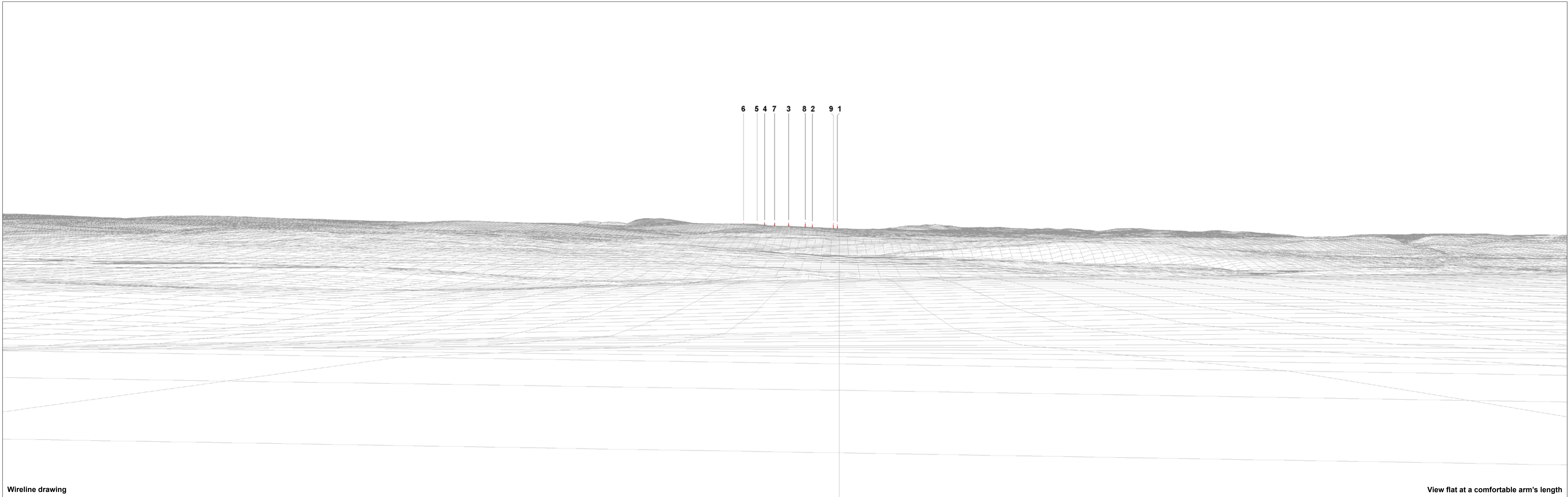


<b>OS reference:</b> 236730 E 622935 N	<b>Horizontal field of view:</b> 90° (cylindrical projection)	<b>Camera:</b> Canon EOS 5D
<b>Eye level:</b> 29.2 mAOD	<b>Principal distance:</b> 522 mm	<b>Lens:</b> Canon EF 50mm f/1.4
<b>Direction of view:</b> 178°	<b>Paper size:</b> 841 x 297 mm (half A1)	<b>Camera height:</b> 1.5 m
<b>Nearest turbine:</b> 23038 m	<b>Correct printed image size:</b> 820 x 130 mm	<b>Date and time:</b> 17/09/2020 16:15

Figure 6.39c  
Viewpoint 19: A77, Ayr  
Knockcronal

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Wireline drawing

View flat at a comfortable arm's length

OS reference: 236730 E 622935 N  
 Eye level: 29.2 mAOD  
 Direction of view: 178°  
 Nearest turbine: 23038 m

Horizontal field of view: 53.5° (planar projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Camera: Canon EOS 5D  
 Lens: Canon EF 50mm f/1.4  
 Camera height: 1.5 m  
 Date and time: 17/09/2020 16:15

Figure 6.39d  
 Viewpoint 19: A77, Ayr  
 Knockcronal