Barnadivane Wind Farm

Appendix 8.3: LVIA Photomontages

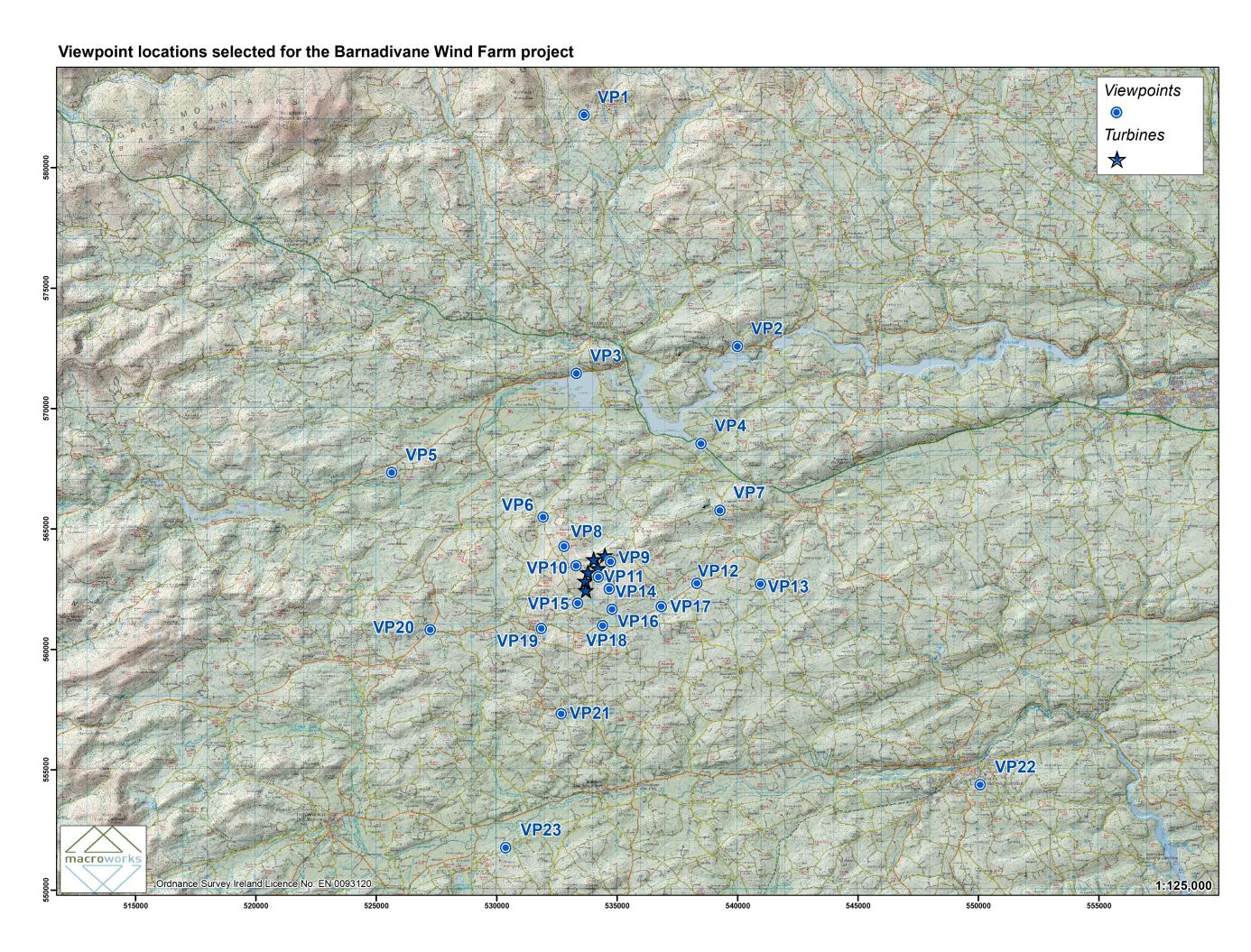
Book 2: VP12 - VP23

This book contains imagery for the viewpoints chosen for the LVIA study

February 2023



Index of Imagery



VP13: Michael Collins Memorial at Glannarouge West

- Page 1: Baseline (Contextual Wireline and Photo)
- Page 2: Wireline
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VP14: Local road at Garranereagh

- Page 1: Baseline (Contextual Wireline and Photo)
- Page 2: Baseline (Contextual Wireline and Photo)
- Page 3: Contextual Photomontage and Contextual Wireline
- Page 4: Wireline
- Page 5: Photomontage
- Page 6: Wireline
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VP15: Local road at Moneygaff East

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VP16: Local road intersection at Garraneagh southeast of site

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VP17: R585 at Bengour West

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VP19: R585 at Moneygaff West, east of Copeen

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VP20: R587 north of Glan Cross Roads

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VP21: Kinneigh Round Tower south of the R588

- Page 1: Baseline (Contextual Wireline and Photo)
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VP22: Ballmodan Cemetery south of Bandon

- Page 1: Baseline (Contextual Wireline and Photo)
- Page 2: Wireline
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VP23: Local road at Grillagh sound of the Bandon River

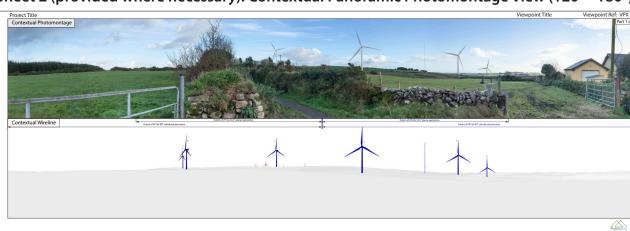
- Page 1: Baseline (Contextual Wireline and Photo)
- Page 2: Wireline
- Page 3: Photomontage

How photomontages are presented for each viewpoint

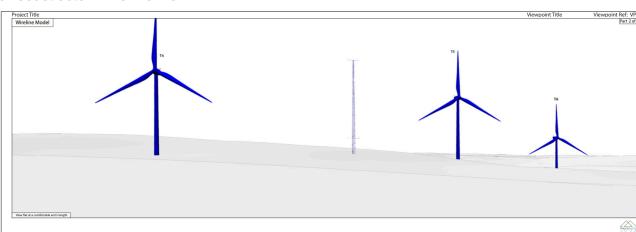
Sheet 1: 90° Baseline panorama and matching wireline



Sheet 2 (provided where necessary): Contextual Panoramic Photomontage View (120° - 180°)



Sheet 3: 53.5° Wireline View



Sheet 4: 53.5° Panoramic Photomontage View



What is Displayed

90° Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved):

The top image depicts a 90° (included angle) Baseline panorama generated from captured photography.

The bottom image depicts a 90° (included angle) matching computer generated wireline. This image includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted and/or proposed wind farm developments in the public domain).

Extent bars indicate the extent of the 53.5° Panoramic Photomontage/Wireline Views within the depicted 90° Baseline views.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

Contextual Panoramic Photomontage View and matching Cumulative Wireline (ranging from 120° to 180°) (Cylindrical Projection - to be viewed curved):

The top image demonstrates a contextual panoramic photomontage view (ranging from 120° to 180° included angle) which is generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

The bottom image depicts a matching contextual panoramic computer generated wireline. This image includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted and/or proposed wind farm developments in the public domain).

Extent bars indicate the extent of both the 53.5° Panoramic Photomontage/Wireline Views and the 90° Baseline Views within the depicted Contextual Panoramic Photomontage/Wireline View.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

53.5° Wireline View (Planar Projection - to be viewed flat)

This image shows a 53.5° (included angle) Wireline View which matches the 53.5° Panoramic Photomontage View. It includes the proposed wind farm developments development and includes other cumulative wind farm developments (existing and/or permitted and/or proposed wind farm developments in the public domain).

Wirelines are computer-generated images which depict the 'bare ground' terrain along with the proposed wind farm development and other cumulative wind farms developments within the depicted view. They are generated in GIS (Geographic Information System) mapping software based from a DTM (Digital Terrain Model).

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

53.5° Panoramic Photomontage View (Planar Projection - to be viewed flat):

This image demonstrates a 53.5° (included angle) photomontage generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

An additional page not required by the guidelines, this contextual photomontage/wireline view is included to give a broader context to the viewer. It is generally included where there are multiple 90° and 53.5° views, which are required by the guidelines, for a particular viewpoint.

Rationale

As required by the SNH guidelines, the purpose of the baseline panorama and wireline is to provide wider landscape and visual context to help the viewer

understand where development sits within the wider landscape. The wireline also illustrates cumulative effects and provides the viewer with the full cumulative

context. The baseline panorama is not intended to represent how large or small the turbines will appear in reality or how close they will appear to the viewer.

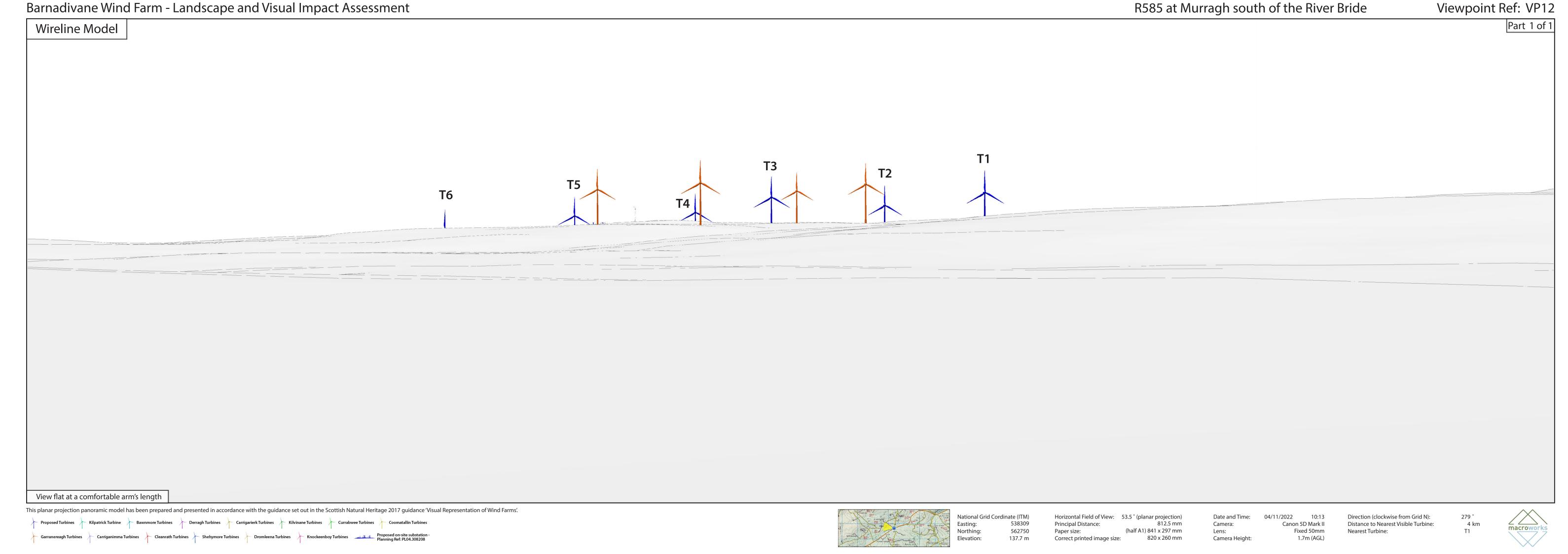
As required by the SNH guidelines, the A1 wireline is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location.

It illustrates the 'bare ground' visibility and a provide a clear view of the wind farm to inform the assessment. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

As required by the SNH guidelines, the A1 panorama is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

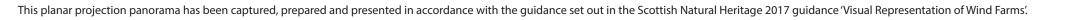






Barnadivane Wind Farm - Landscape and Visual Impact Assessment R585 at Murragh south of the River Bride



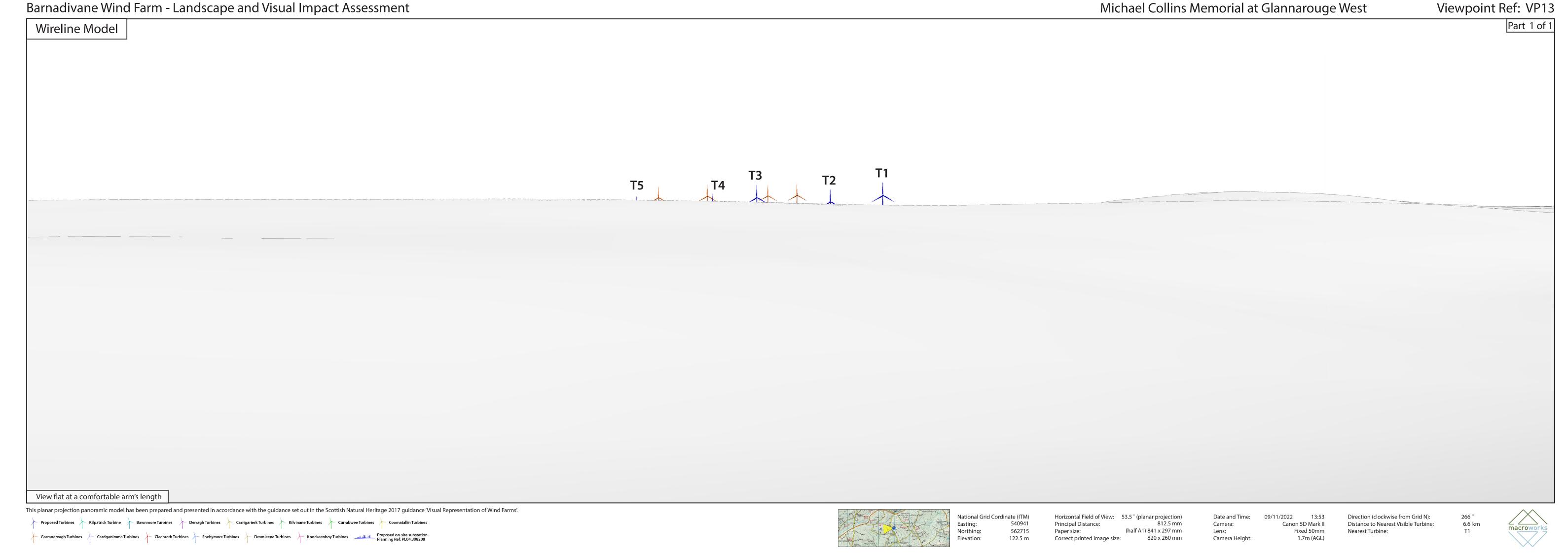




Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:





Barnadivane Wind Farm - Landscape and Visual Impact Assessment Michael Collins Memorial at Glannarouge West



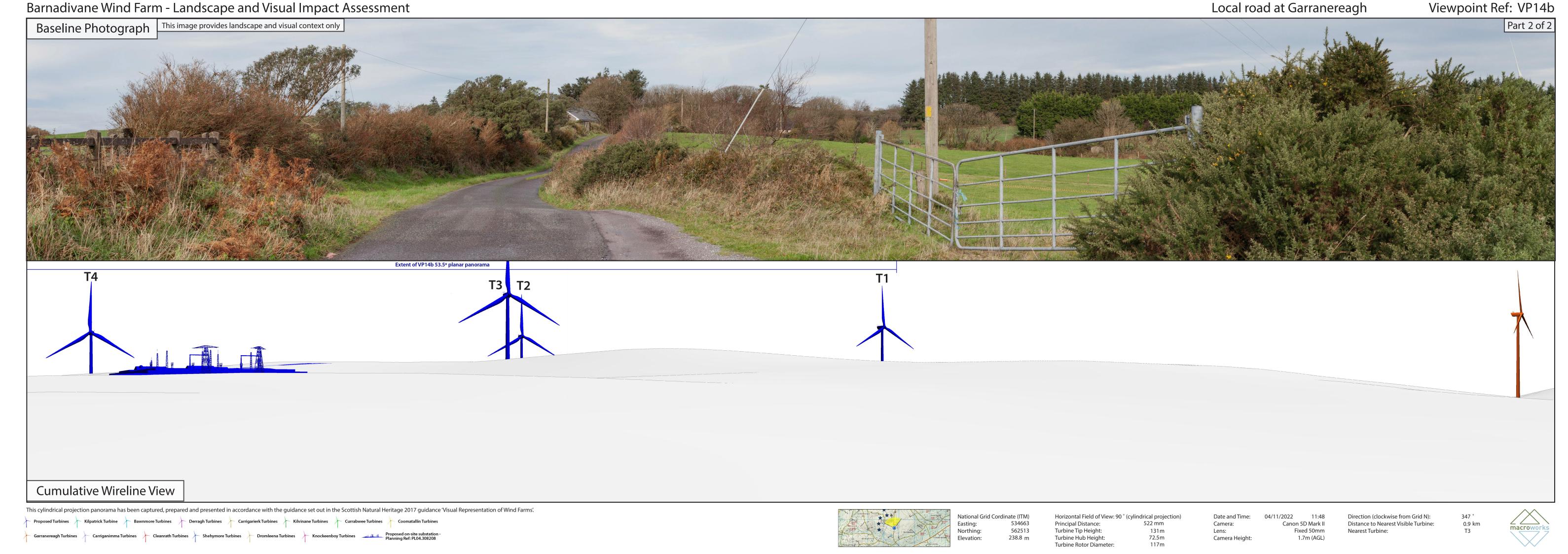




Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

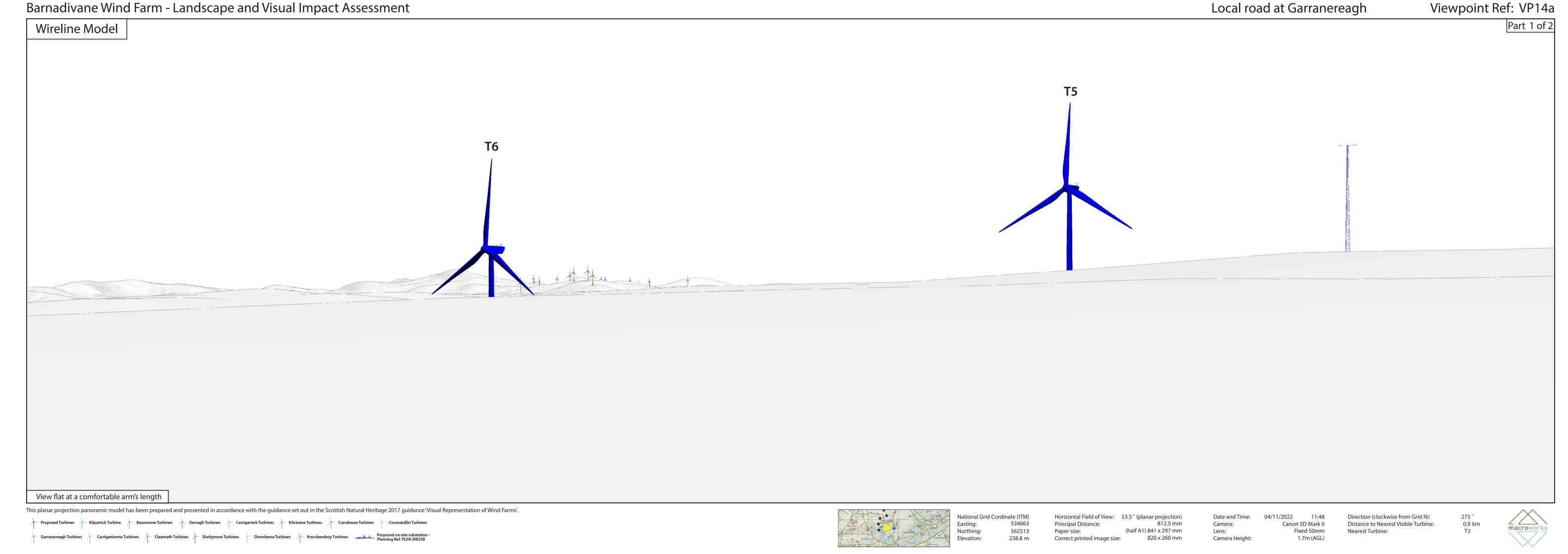






Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Garranereagh Viewpoint Ref: VP14 Part 1 of 1 Contextual Photomontage Extent of VP14b 53.5° planar panorama Extent of VP14a 53.5° planar panorama Contextual Wireline Extent of VP14b 90° cylindrical panorama Extent of VP14a 90° cylindrical panorama 302 ° 0.9 km T3 Horizontal Field of View: 180 ° (cylindrical projection) Turbine Tip Height: 185m Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Date and Time:





Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Garranereagh Viewpoint Ref: VP14a



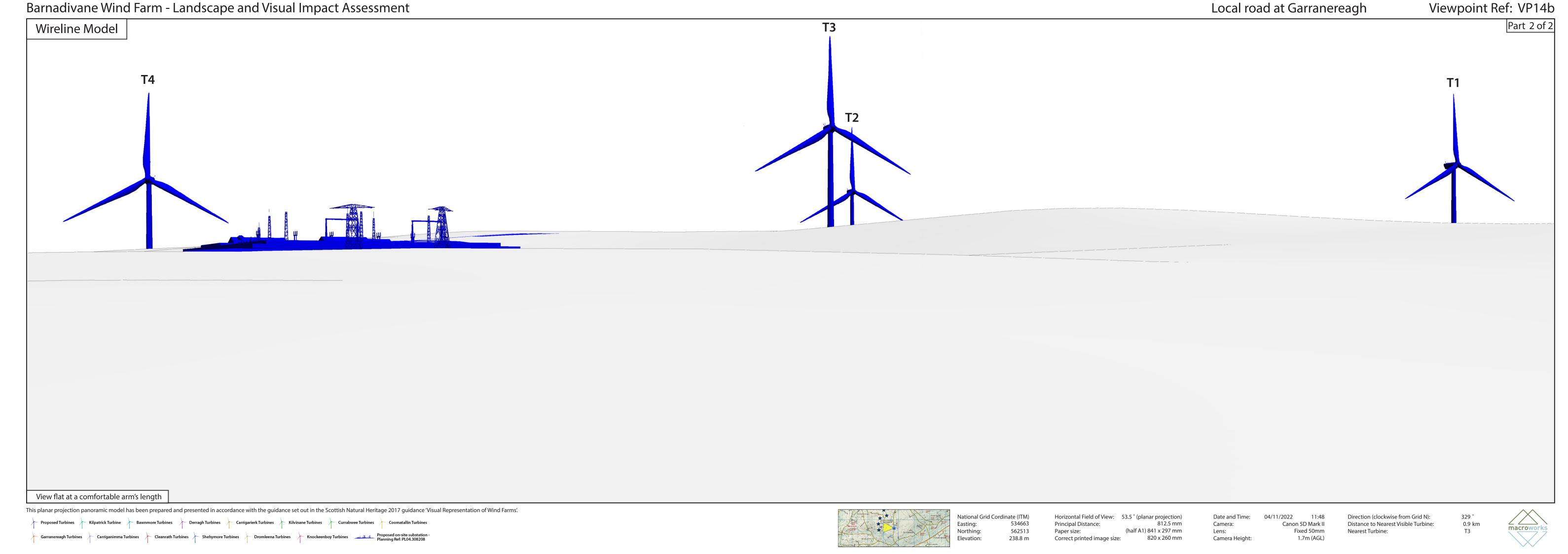




04/11/2022 11:48 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

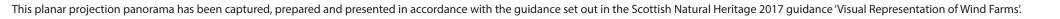
Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:





Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Garranereagh Viewpoint Ref: VP14b



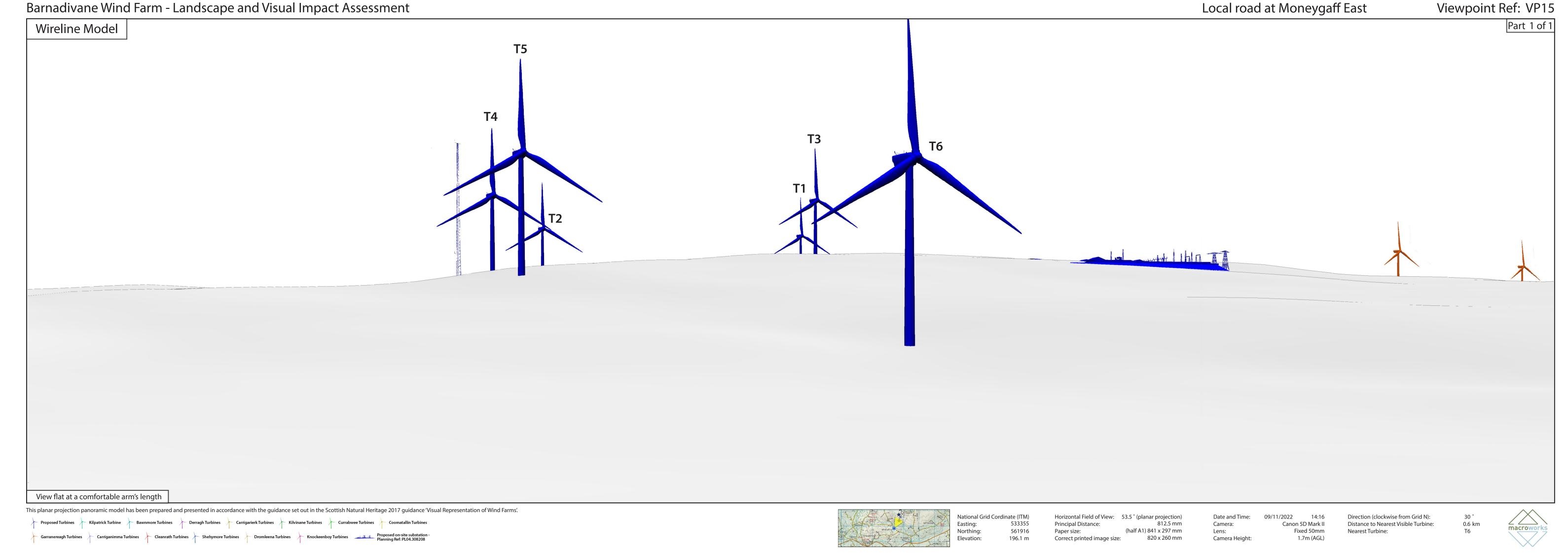




Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:





Barnadivane Wind Farm - Landscape and Visual Impact Assessment







National Grid Cord Easting: Northing: Horizontal Field of View: 53.5 ° (planar Principal Distance:
Paper size: (half A1) 841

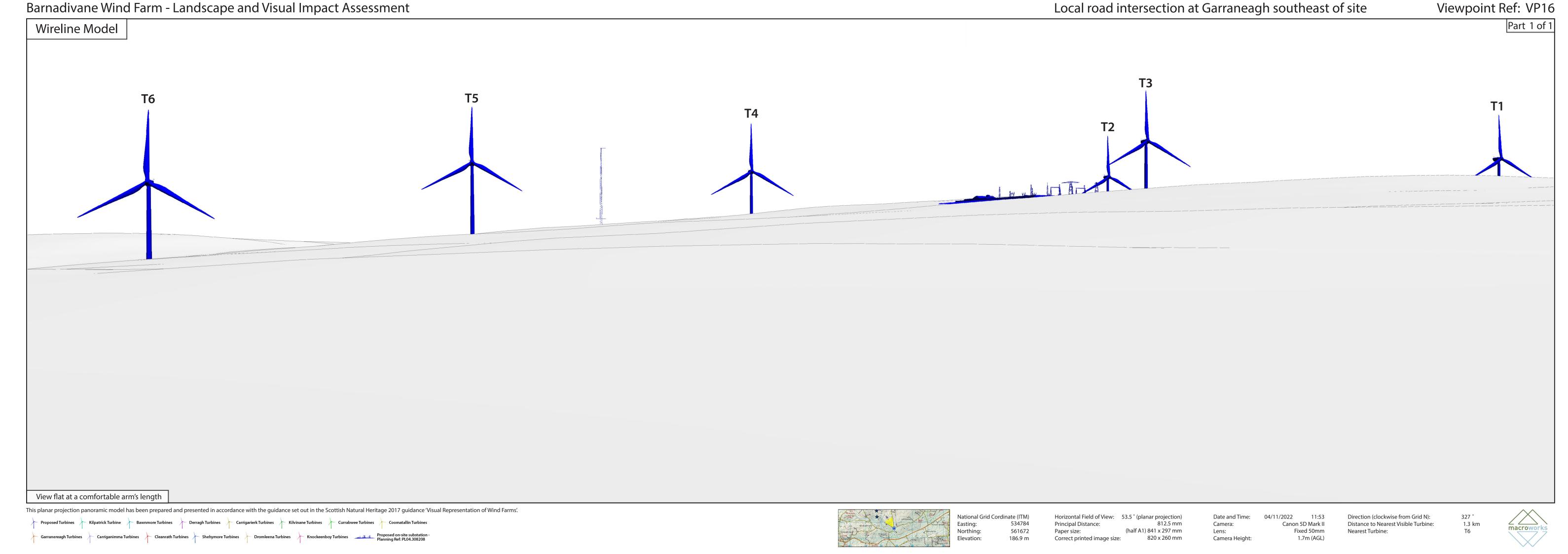
Date and Time: Camera: Lens:

e: 09/11/2022 14:16 Canon 5D Mark II Fixed 50mm ht: 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

30 ° 0.6 k







Barnadivane Wind Farm - Landscape and Visual Impact Assessment

Local road intersection at Garraneagh southeast of site

Viewpoint Ref: VP16



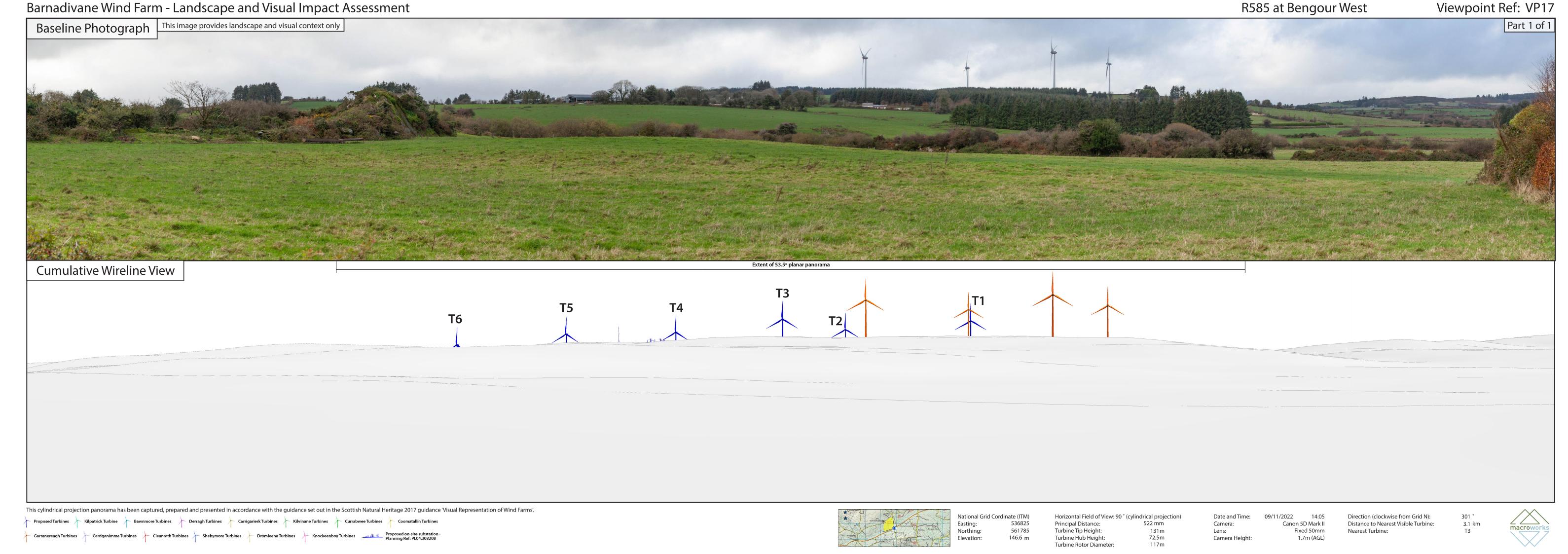


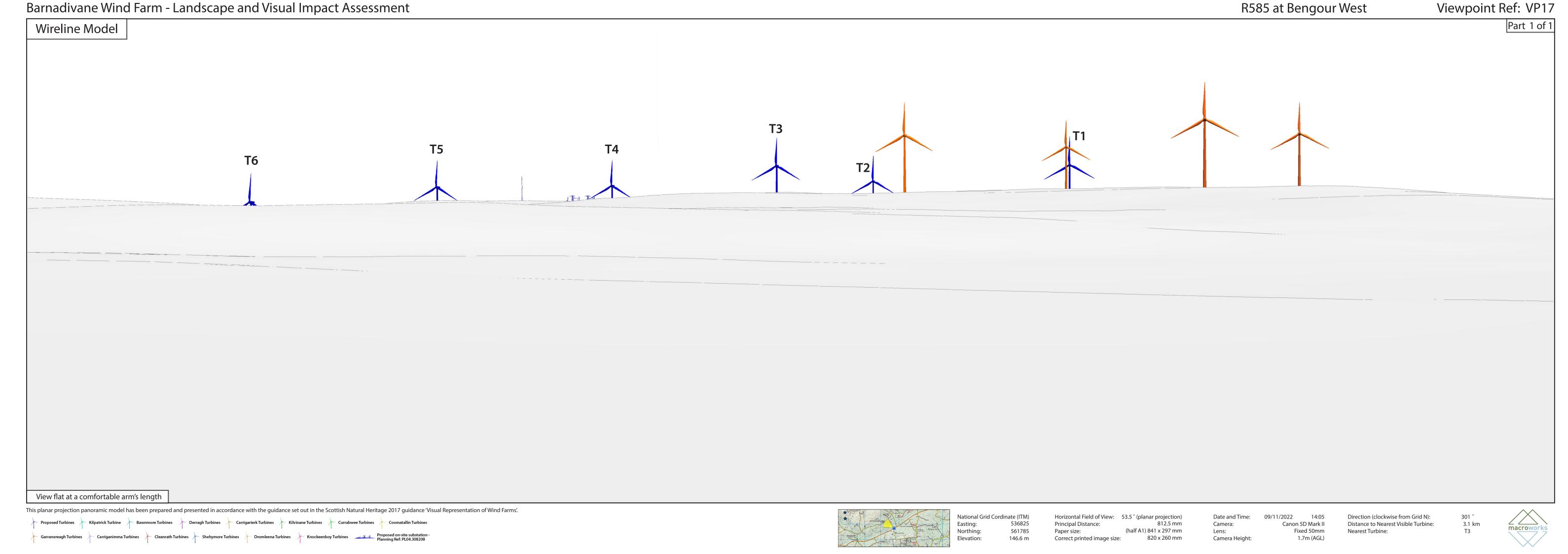


Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:

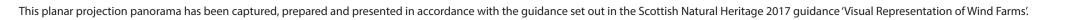






Barnadivane Wind Farm - Landscape and Visual Impact Assessment Viewpoint Ref: VP17







National Grid Cordina
Easting:
Northing:

Horizontal Field of View: 53.5° (planar Principal Distance:
Paper size: (half A1) 841

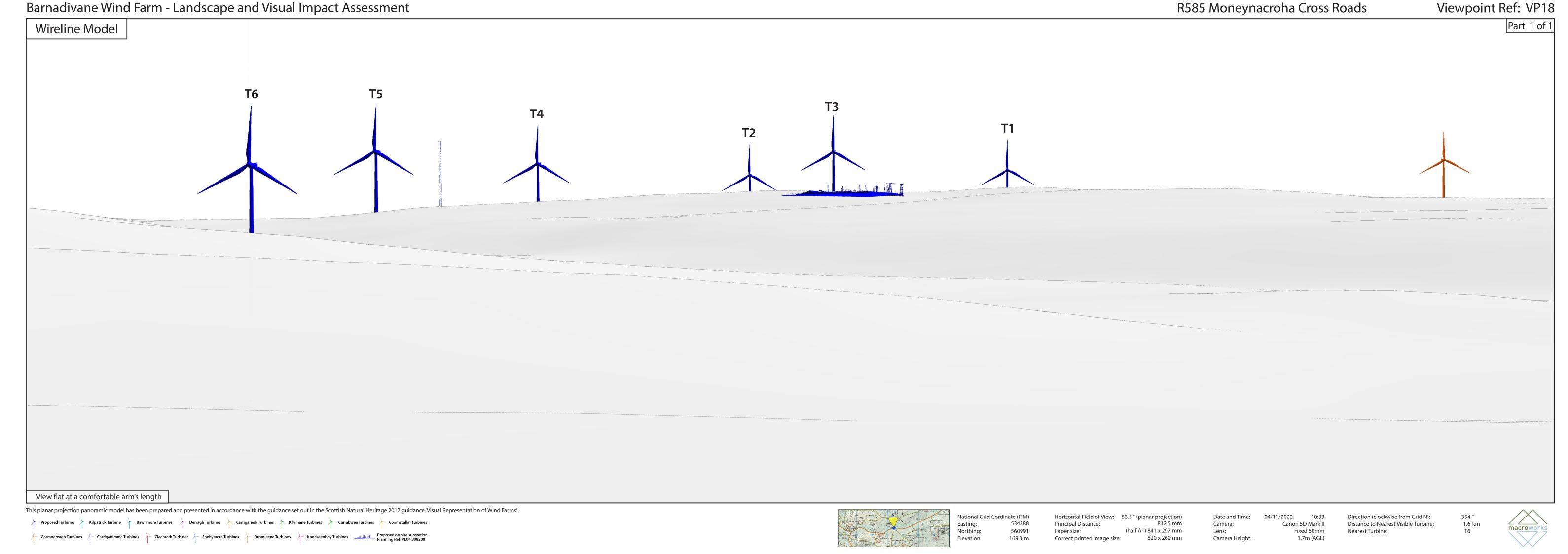
Date and Time Camera: Lens:

: 09/11/2022 14:05 Canon 5D Mark II Fixed 50mm t: 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

301 ° 3.1 km T3







Barnadivane Wind Farm - Landscape and Visual Impact Assessment R585 Moneynacroha Cross Roads



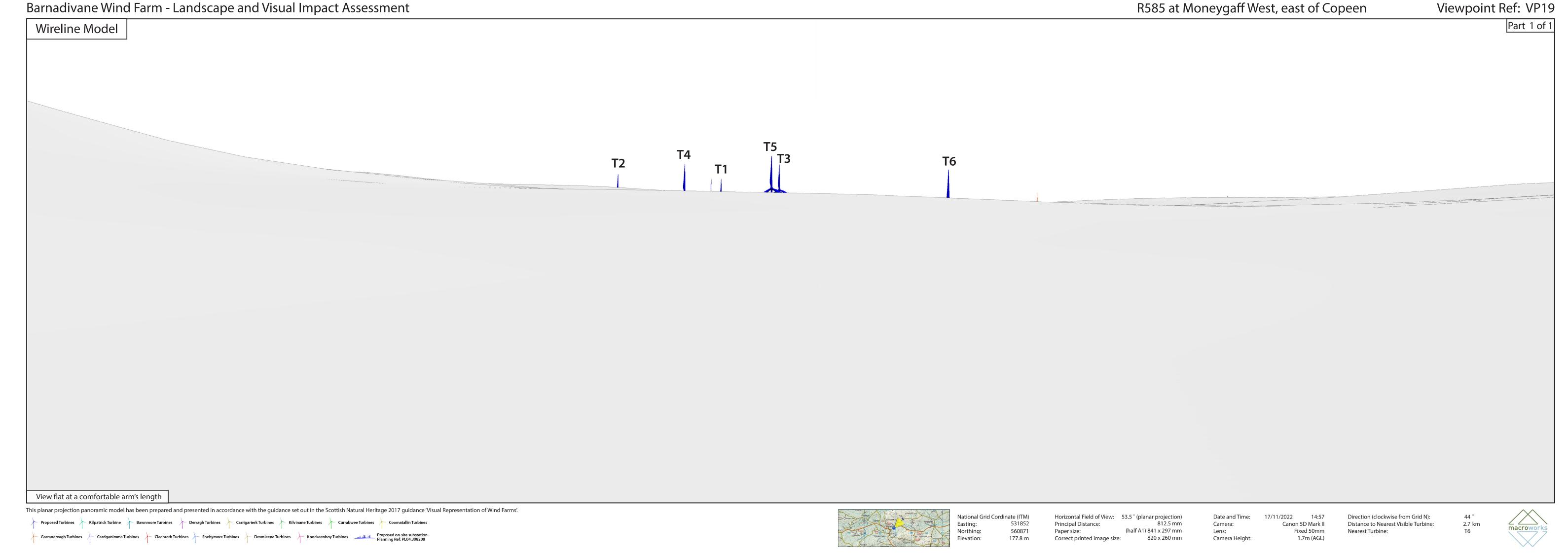




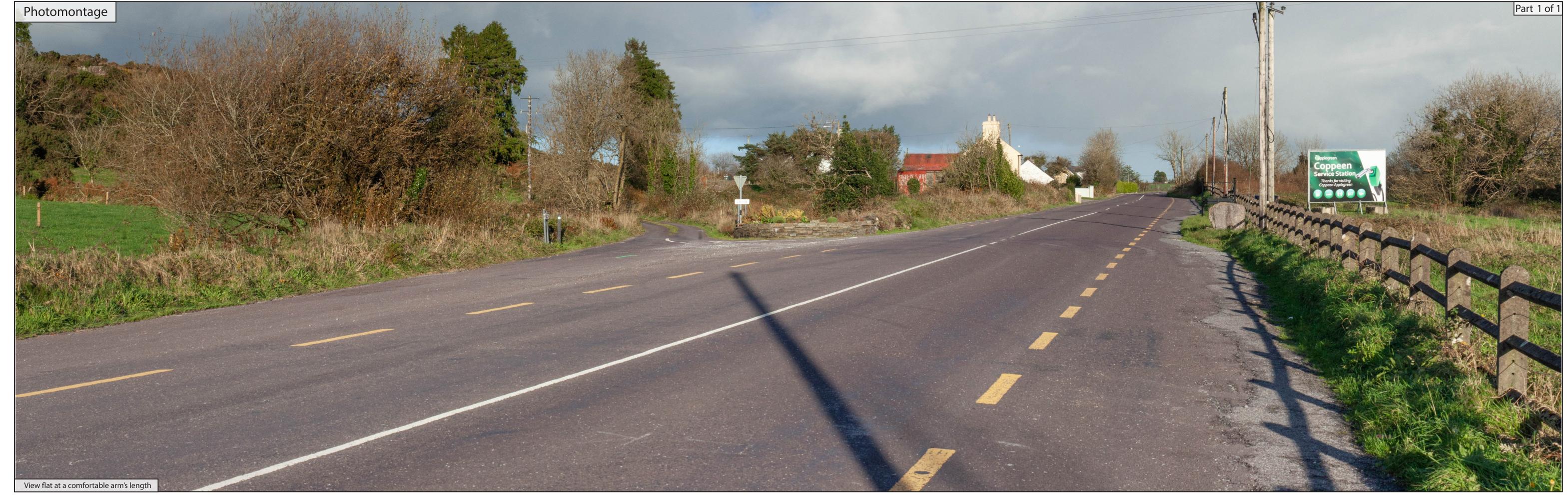
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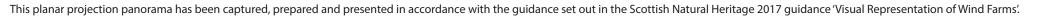






Barnadivane Wind Farm - Landscape and Visual Impact Assessment R585 at Moneygaff West, east of Copeen







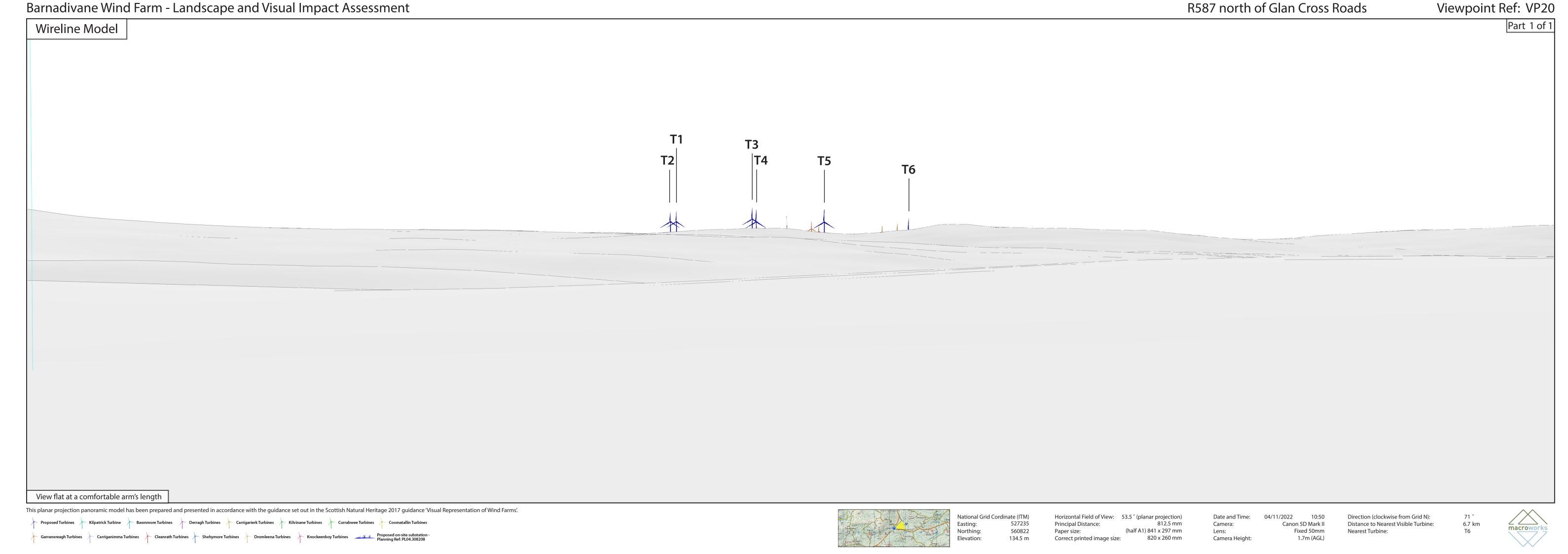
820 x 260 mm

Date and Time: 17/11/2022 14:57
Camera: Canon 5D Mark II
Lens: Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

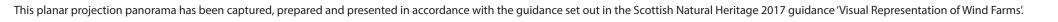






Barnadivane Wind Farm - Landscape and Visual Impact Assessment R587 north of Glan Cross Roads Viewpoint Ref: VP20





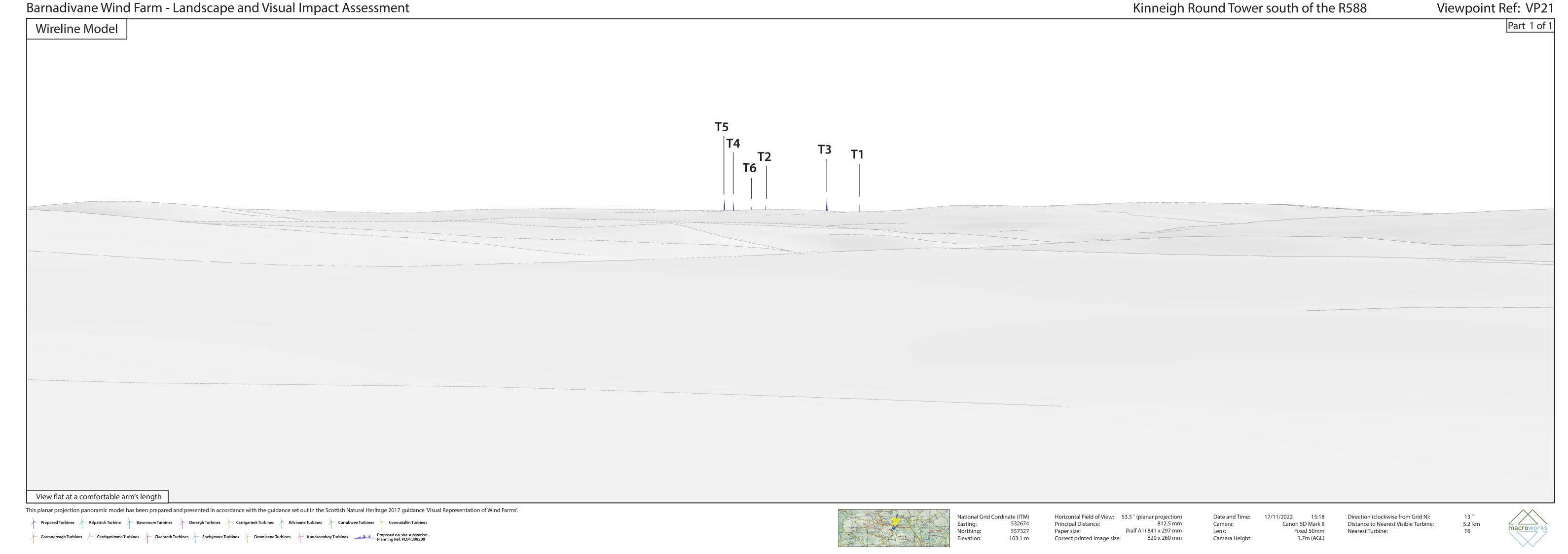


Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:







Barnadivane Wind Farm - Landscape and Visual Impact Assessment Kinneigh Round Tower south of the R588







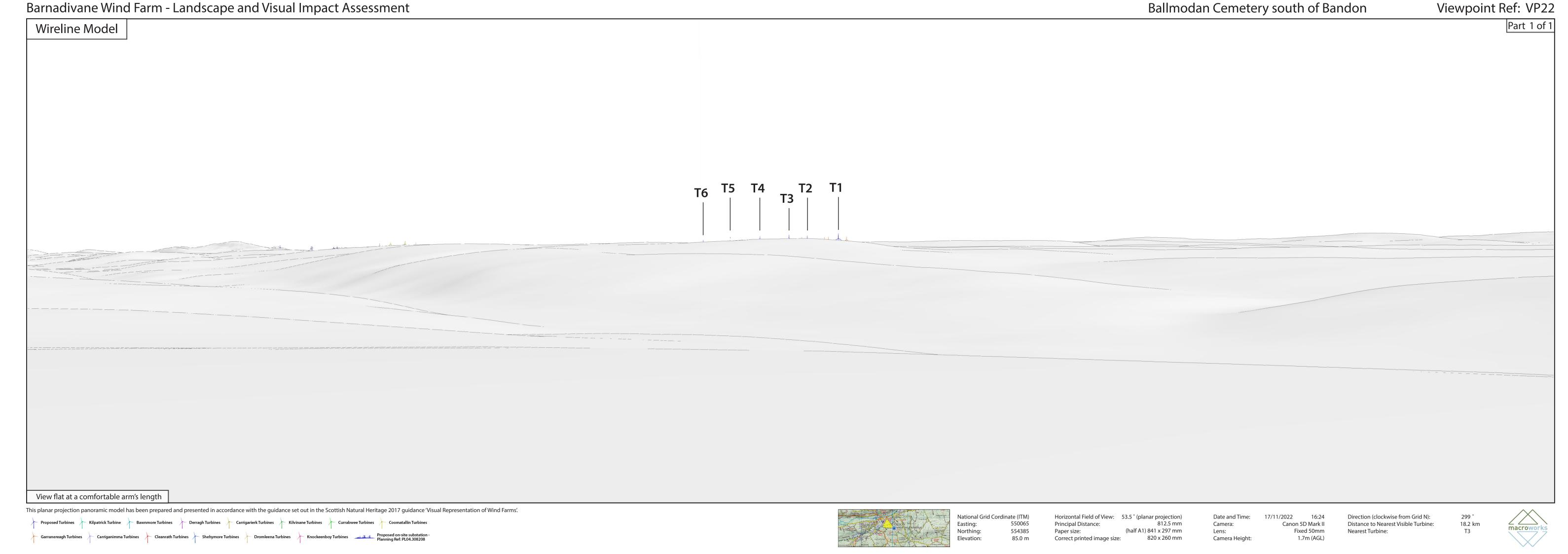
National Grid Cordinate (ITM) Easting: 532674

Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:







Barnadivane Wind Farm - Landscape and Visual Impact Assessment Ballmodan Cemetery south of Bandon

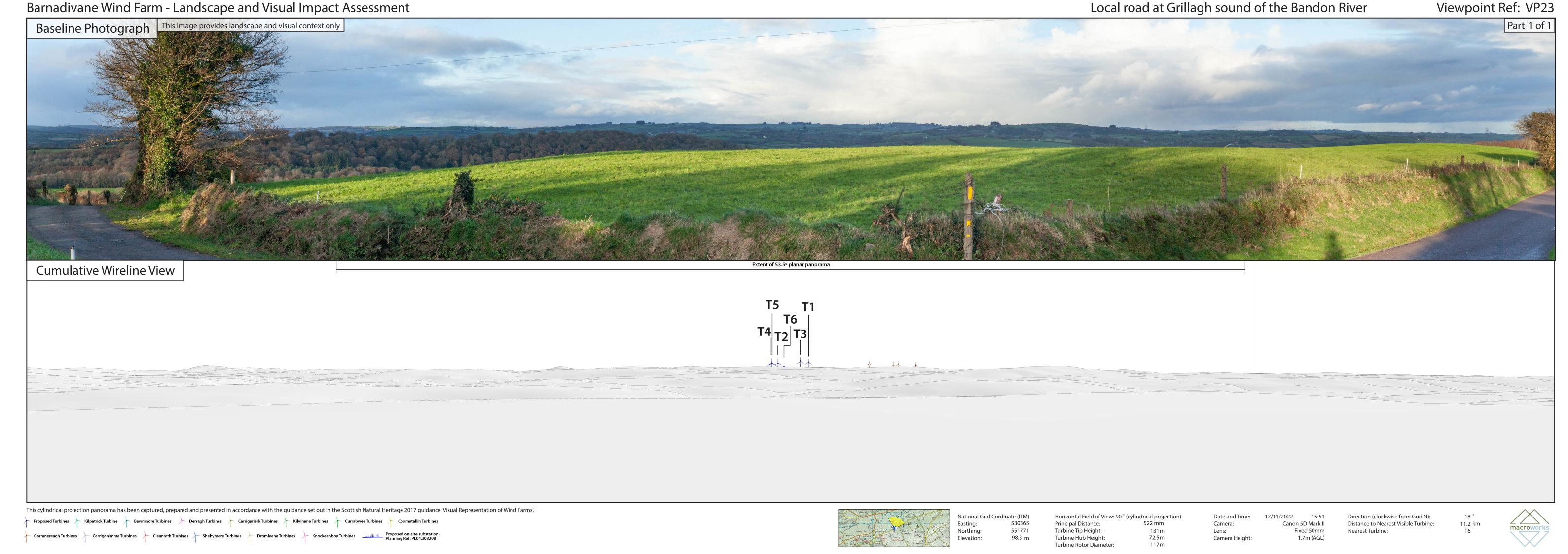


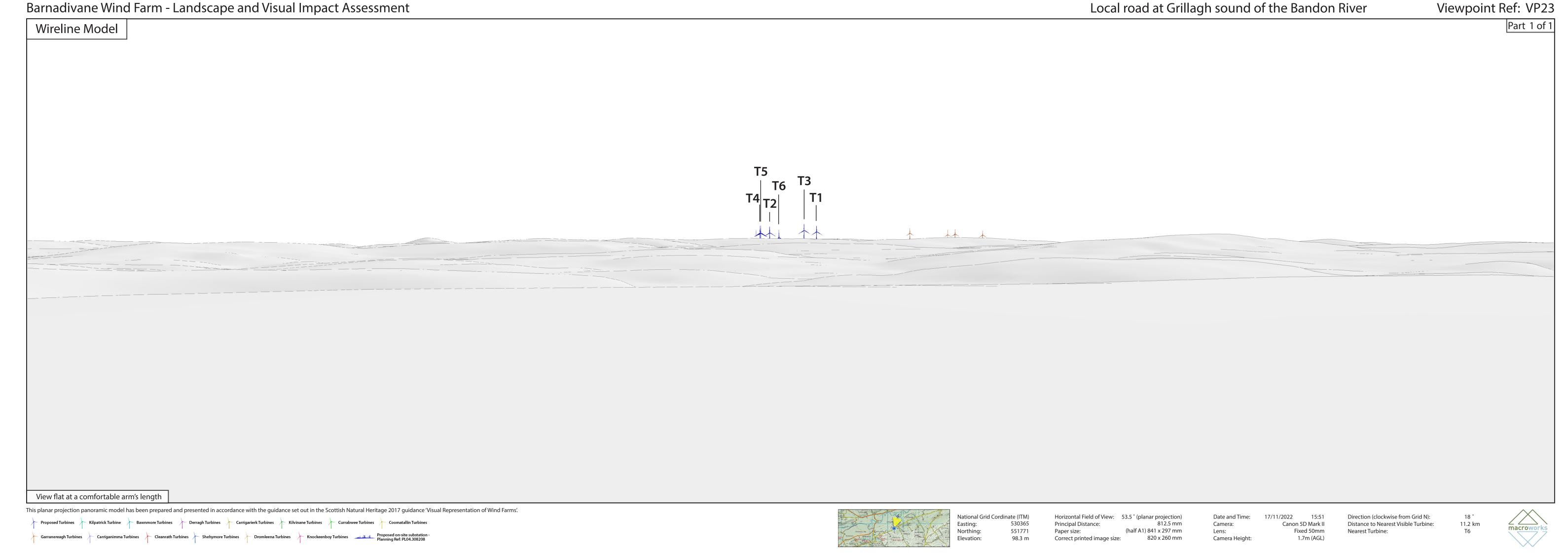




1/2022 16:24 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:



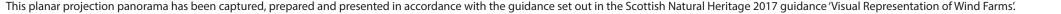


Barnadivane Wind Farm - Landscape and Visual Impact Assessment

Local road at Grillagh sound of the Bandon River

Viewpoint Ref: VP23







Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Nearest Turbine:

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine:

