Barnadivane Wind Farm

Appendix 8.3: LVIA Photomontages

Book 1: VP1 - VP11

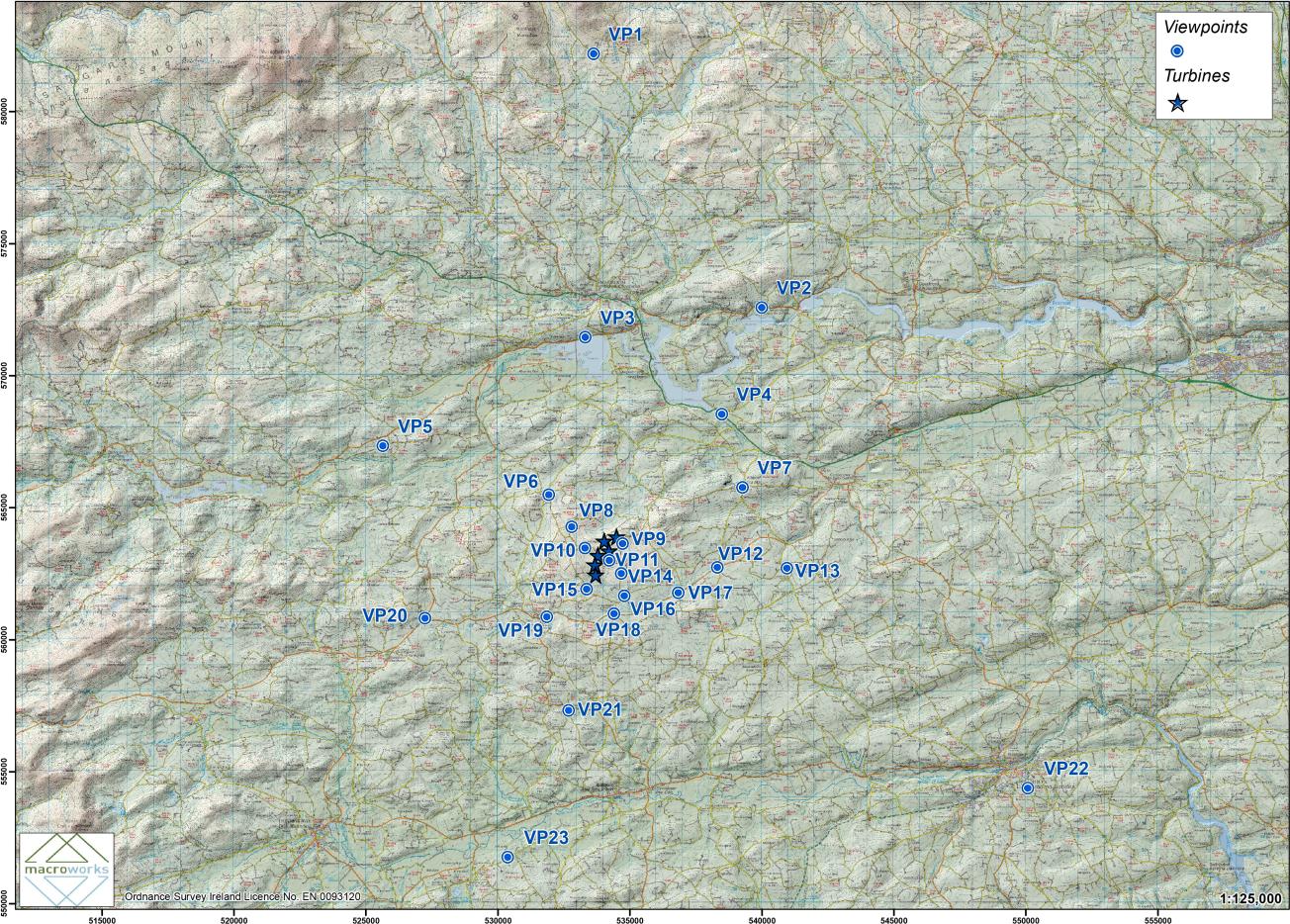
This book contains imagery for the viewpoints chosen for the LVIA study

February 2023



Index of Imagery

Viewpoint locations selected for the Barnadivane Wind Farm project



VP1: Local road at Maulnahorna

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP2: R681 at Coolalta

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP3: R584 east of the Gearagh at Sleveen West

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP4: N22 at Ballytrasna

Page 1: Baseline (Contextual Wireline and Photo)

*Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by existing vegetation and/or terrain

VP5: Local road at Inchinaneave

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP6: Local road at Teerelton

Page 1: Baseline (Contextual Wireline and Photo)

*Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by existing vegetation and/or terrain

VP7: Local graveyard at Kilmurry

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP8: Local road at Knockane

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP9: Local road at Lackareagh

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

Page 7: Photomontage

VP10: Local road at Barnadivane

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

Page 7: Photomontage

VP11: Local road at Barnadivane (Kneeves)

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Baseline (Contextual Wireline and Photo)

Page 3: Baseline (Contextual Wireline and Photo)

Page 4: Contextual Photomontage and Contextual Wireline

Page 5: Wireline

Page 6: Photomontage

Page 7: Wireline

Page 8: Photomontage

Page 9: Wireline

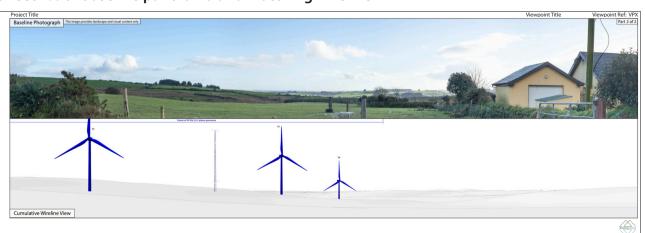
Page 10: Photomontage

Page 11: Wireline

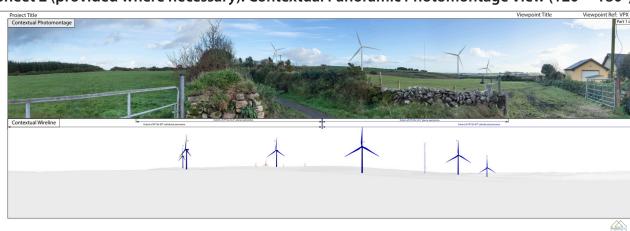
Page 12: Photomontage

How photomontages are presented for each viewpoint

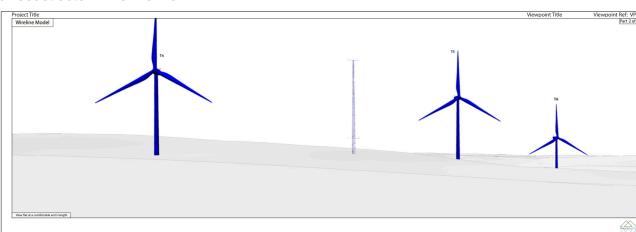
Sheet 1: 90° Baseline panorama and matching wireline



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.

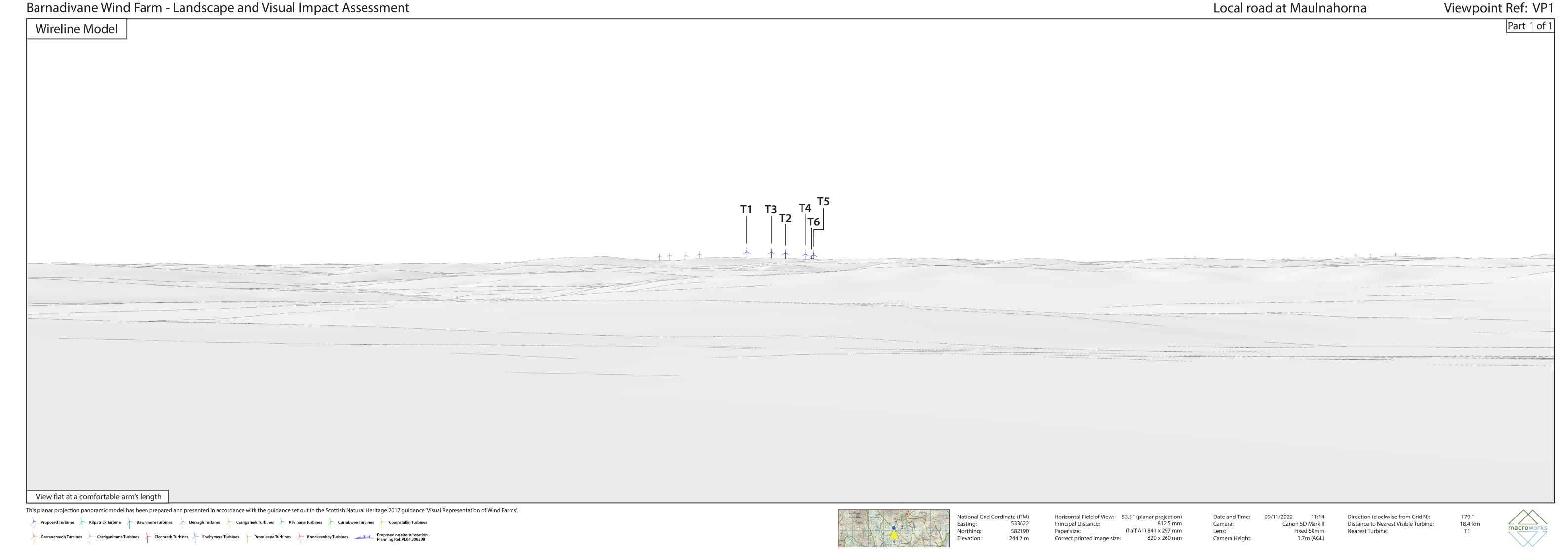
As required by the SNH guidelines, the A1 wireline is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location.

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 Viewpoint Ref: VP1

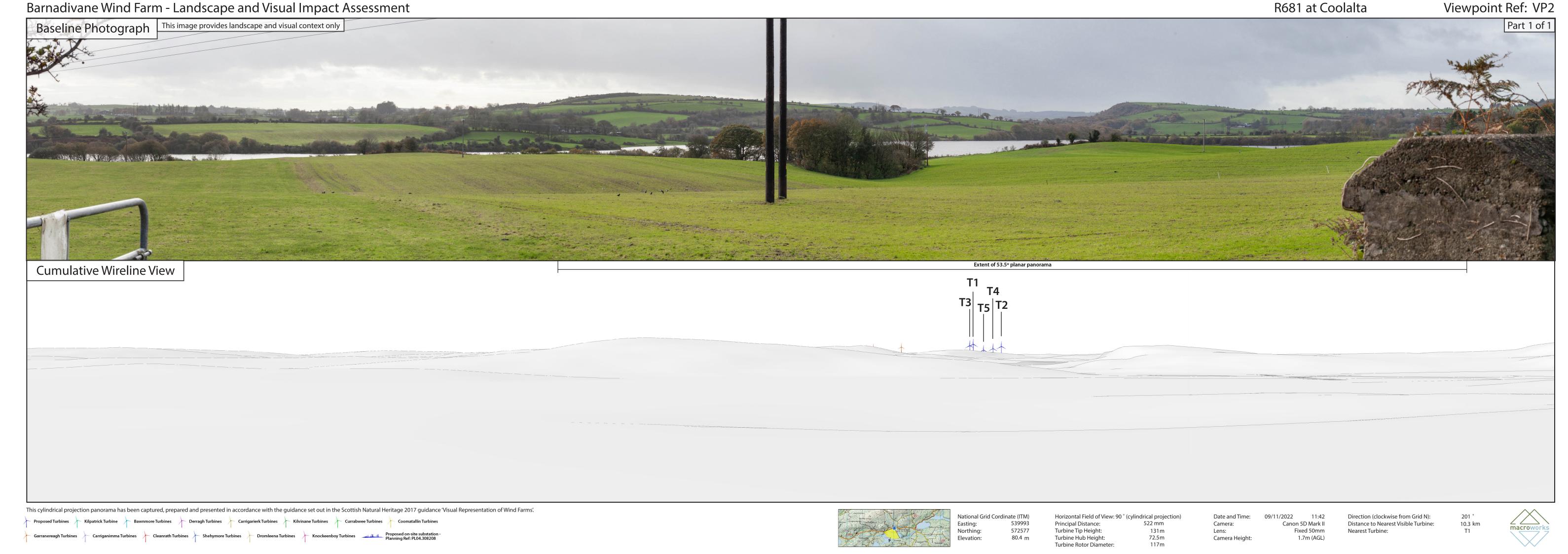


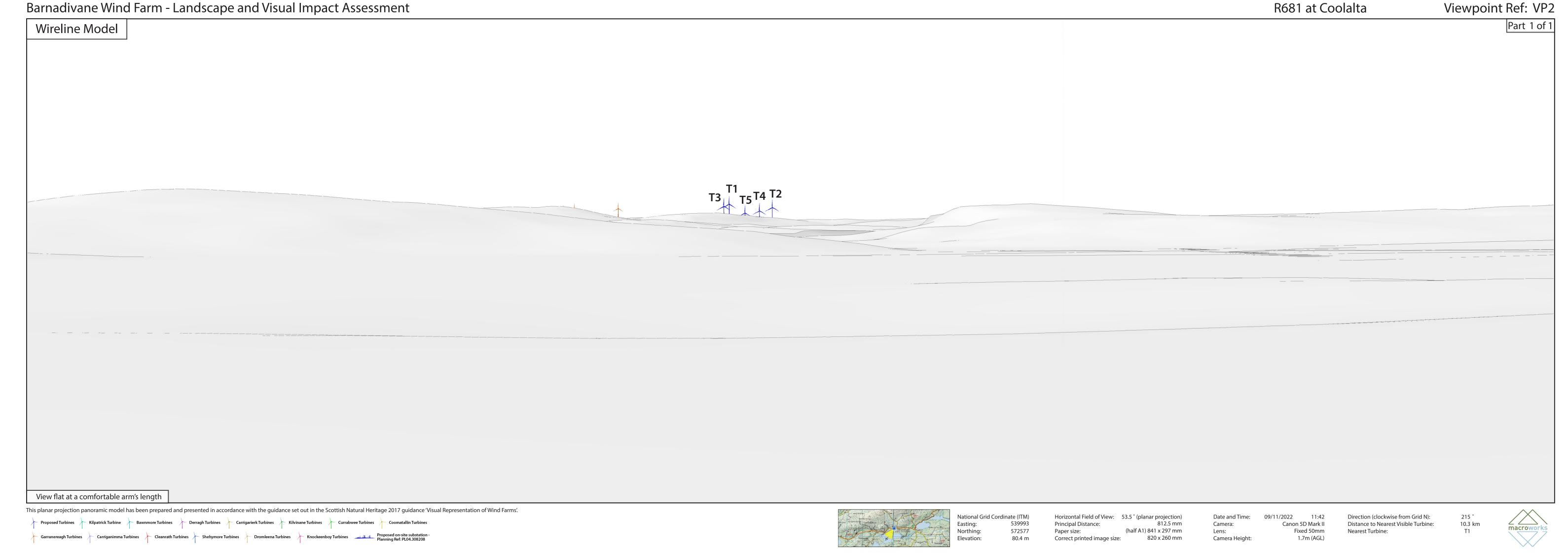




National Grid Cordir Easting: Northing: Horizontal Field of View: 53.5 ° (planar projection)
Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

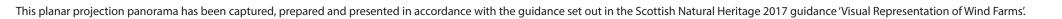
Date and Time Camera: Lens: 09/11/2022 11:14 Canon 5D Mark II Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine: m macr





Barnadivane Wind Farm - Landscape and Visual Impact Assessment R681 at Coolalta Viewpoint Ref: VP2



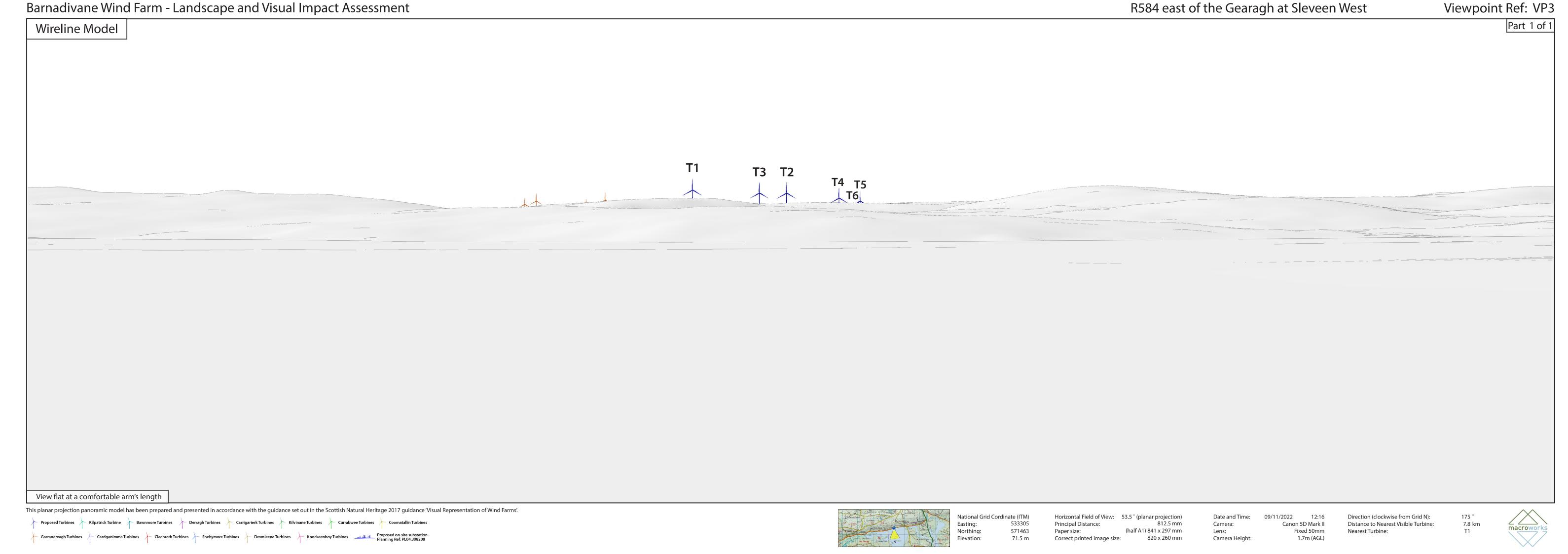




Canon 5D Mark II Fixed 50mm 1.7m (AGL)







Barnadivane Wind Farm - Landscape and Visual Impact Assessment R584 east of the Gearagh at Sleveen West



This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



1.7m (AGL)

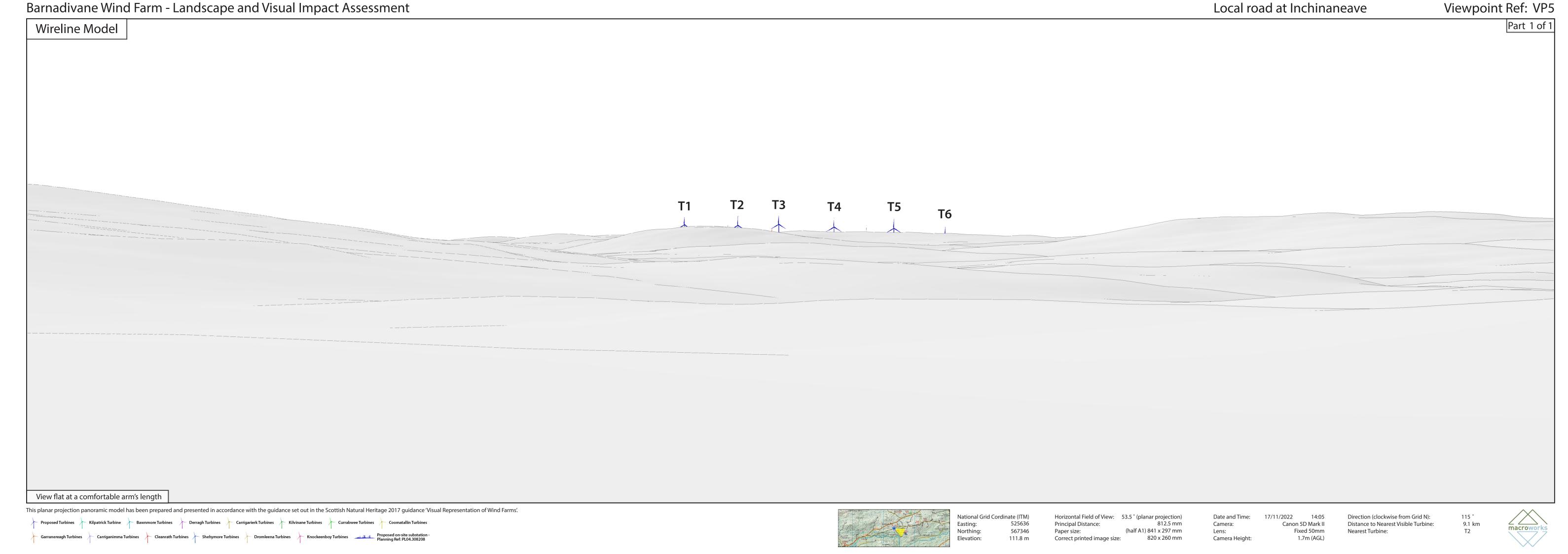
Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

Viewpoint Ref: VP3

Barnadivane Wind Farm - Landscape and Visual Impact Assessment N22 at Ballytrasna Viewpoint Ref: VP4 Part 1 of 1 This image provides landscape and visual context only Baseline Photograph Cumulative Wireline View This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. Canon 5D Mark II Distance to Nearest Visible Turbine: Fixed 50mm Nearest Turbine:

1.7m (AGL)





Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Inchinaneave







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

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

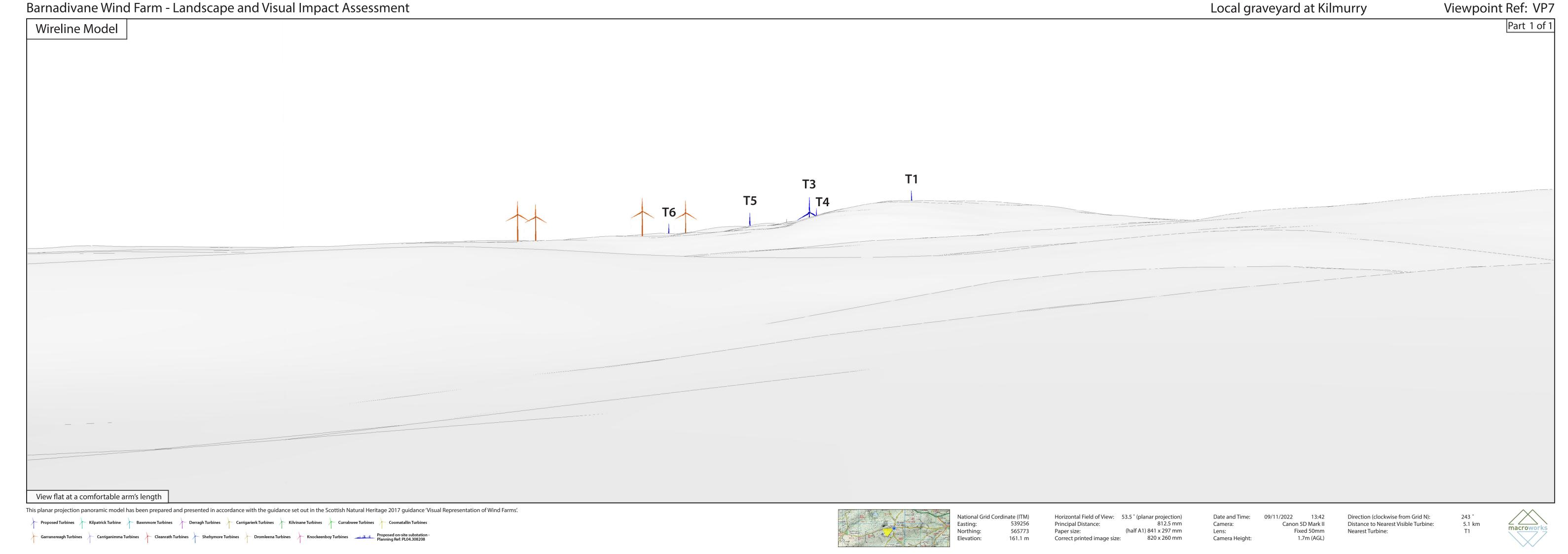


Viewpoint Ref: VP5

Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Teerelton Viewpoint Ref: VP6 Baseline Photograph

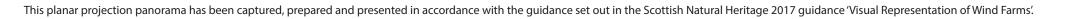
This image provides landscape and visual context only Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by existing vegetation and/or landform Cumulative Wireline View This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. Canon 5D Mark II Distance to Nearest Visible Turbine: Fixed 50mm Nearest Turbine: Turbine Hub Height: Camera Height: 1.7m (AGL)





Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local graveyard at Kilmurry Viewpoint Ref: VP7



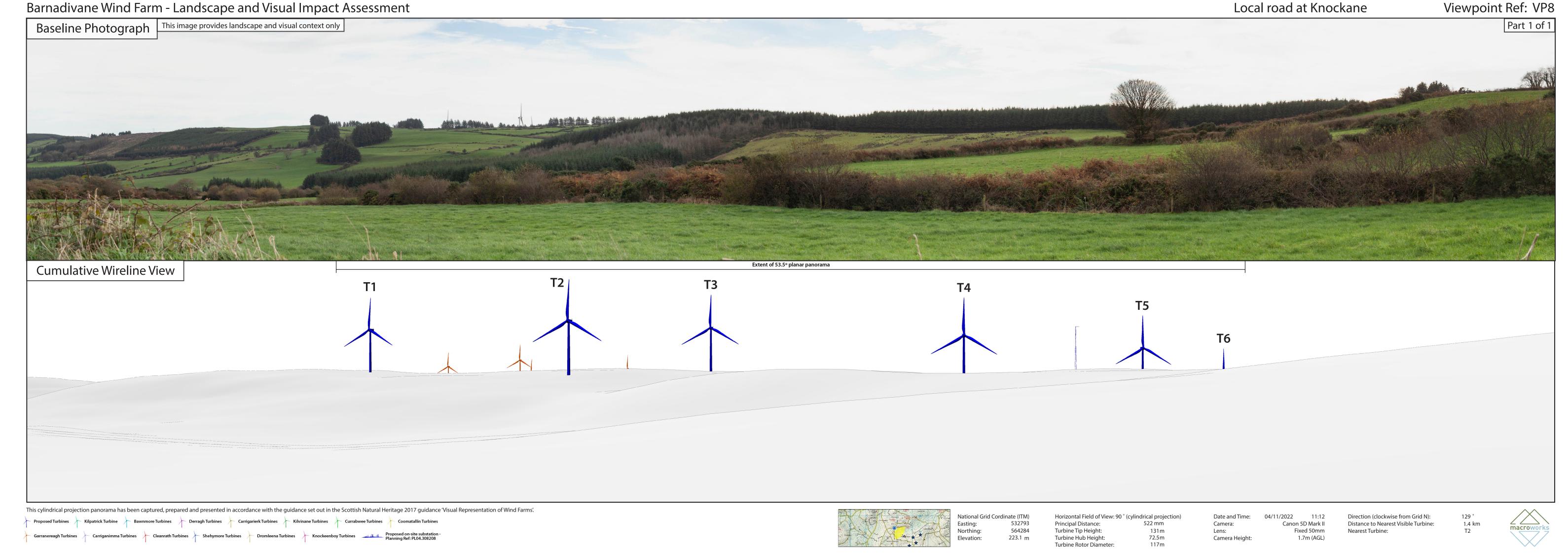


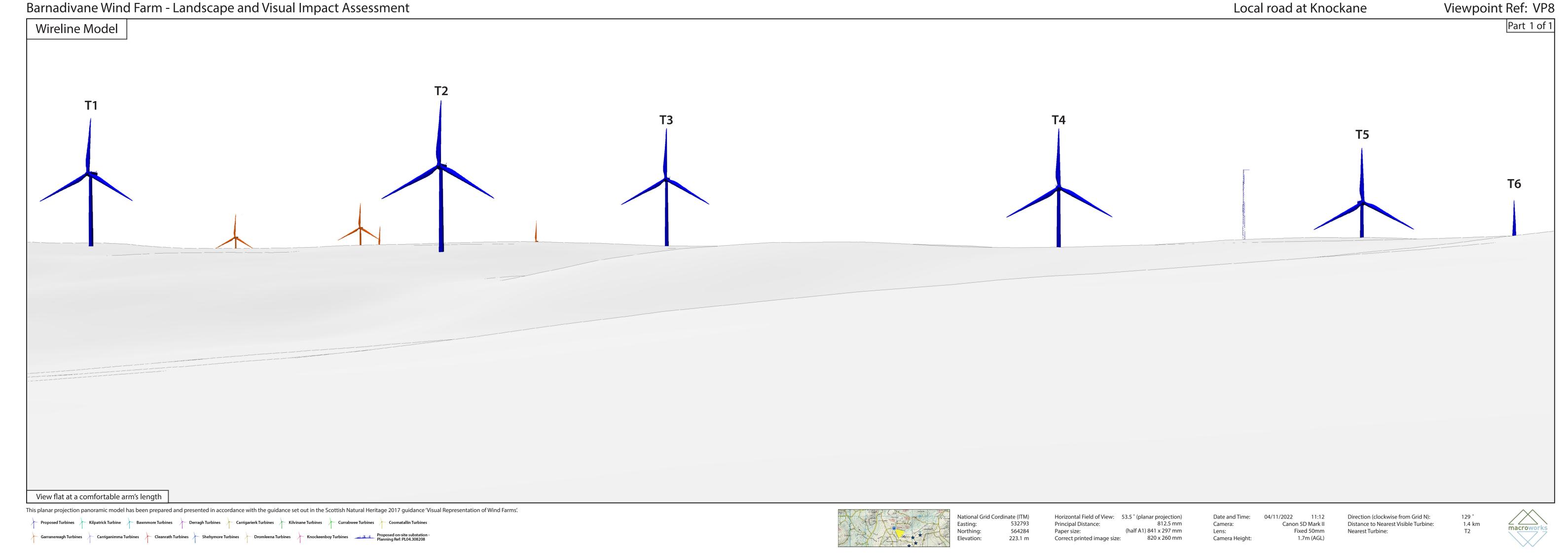


Horizontal Field of View: 53.5 ° (planar projection)
Principal Distance: 812.5 mm 820 x 260 mm

Date and Time: 09/11/2022 13:42
Camera: Canon 5D Mark II
Lens: Fixed 50mm 1.7m (AGL)

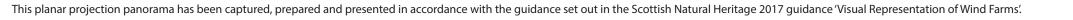






Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Knockane





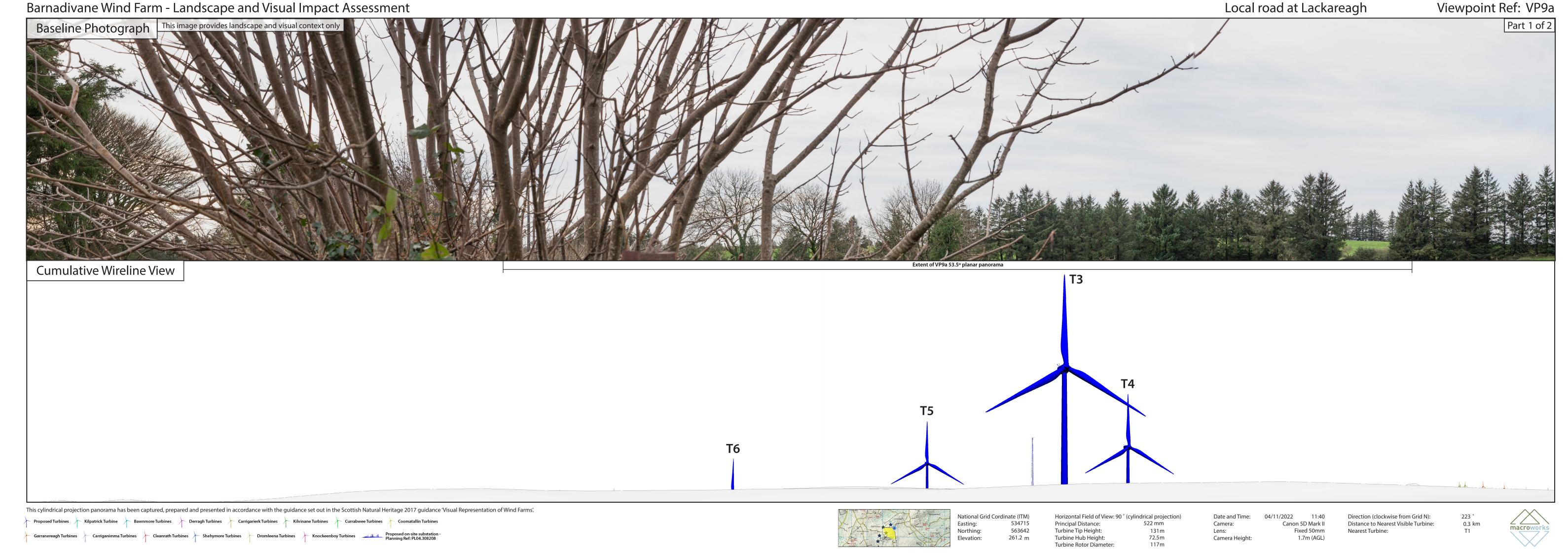


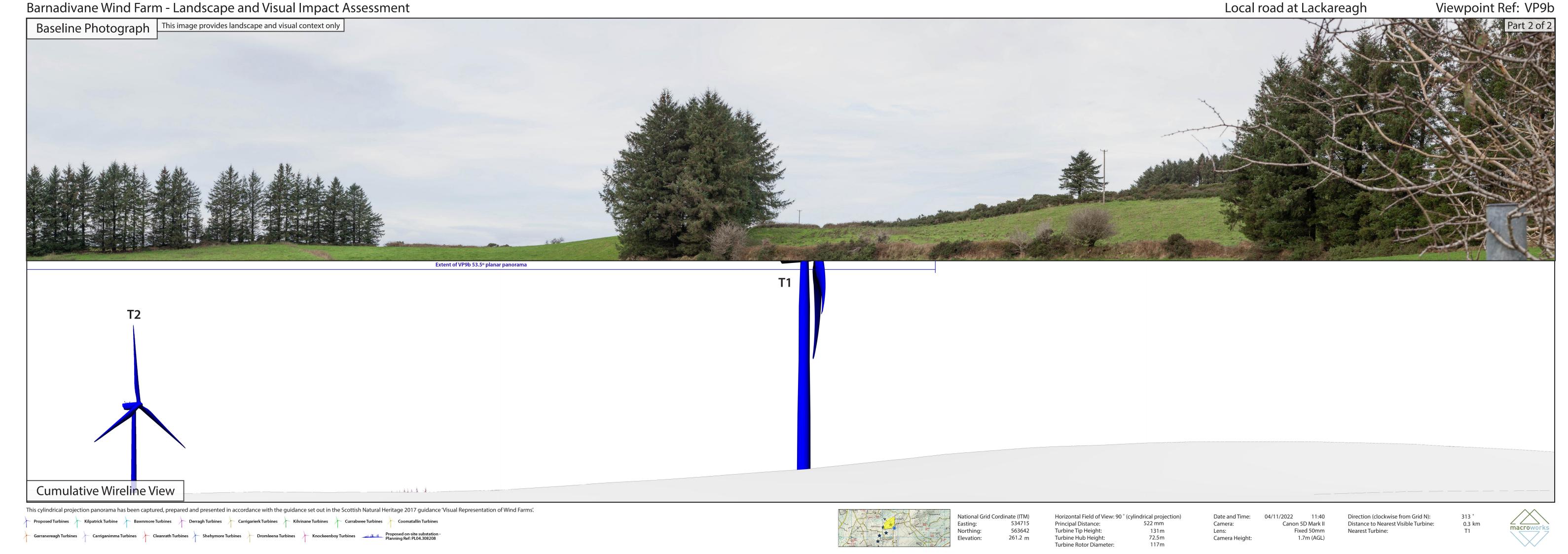
Canon 5D Mark II Fixed 50mm 1.7m (AGL)

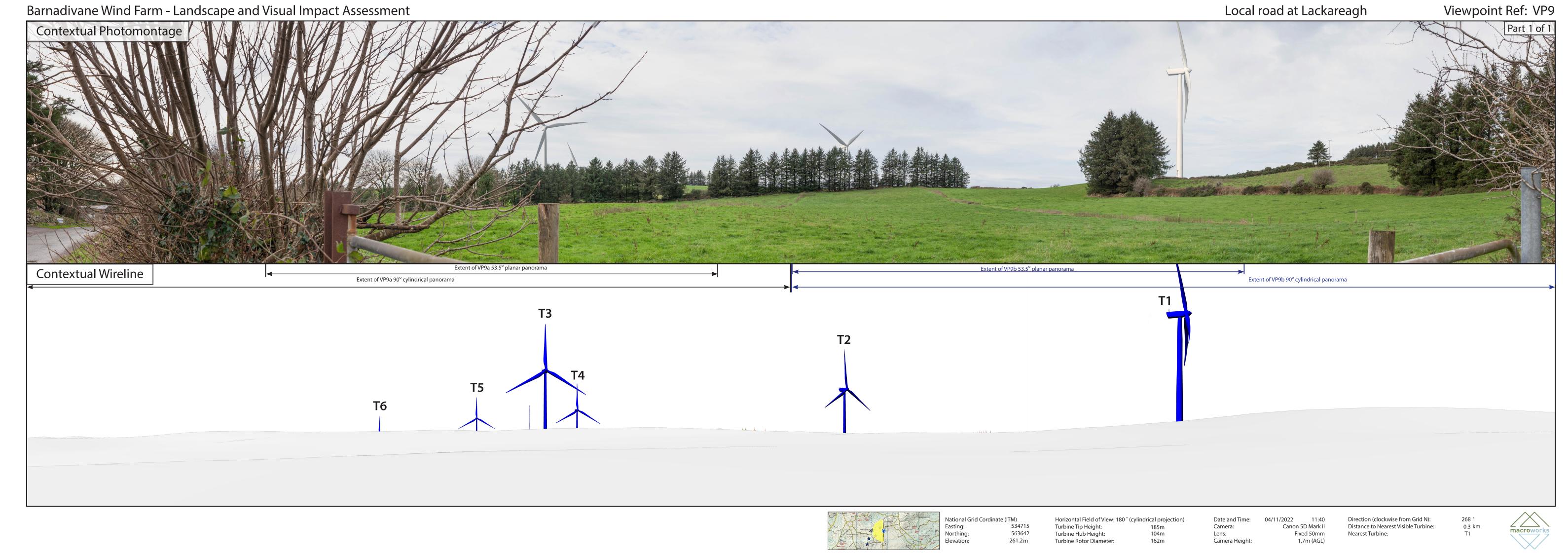
Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

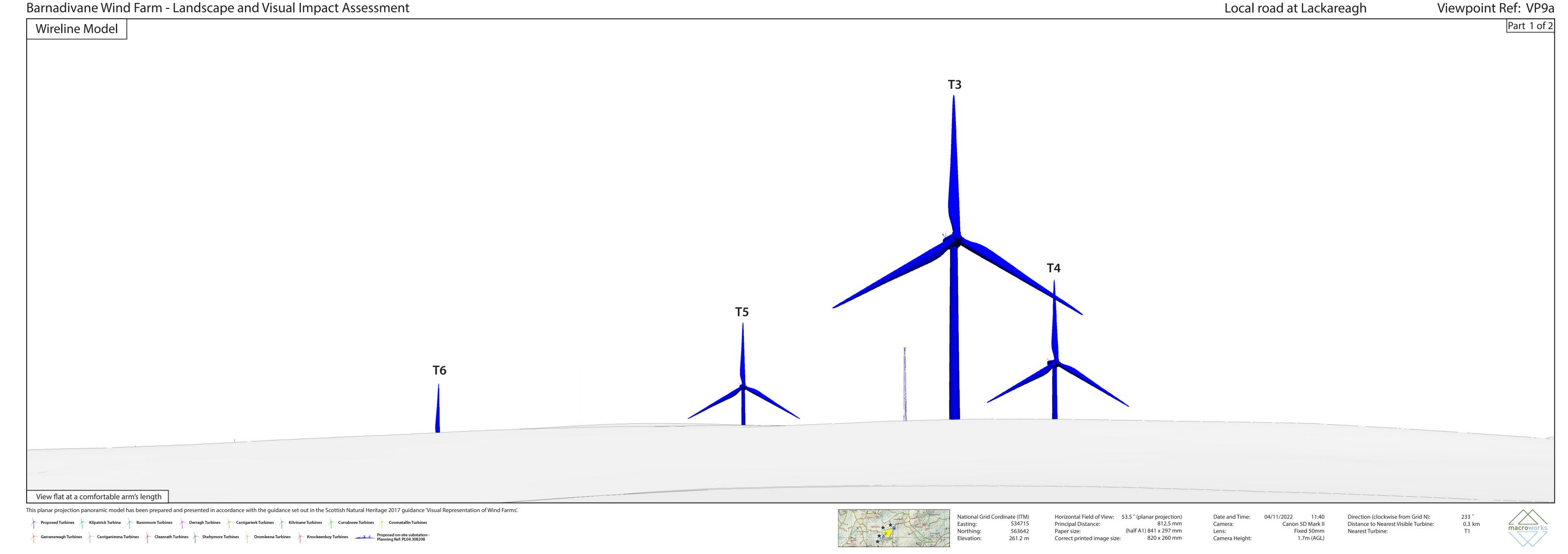


Viewpoint Ref: VP8









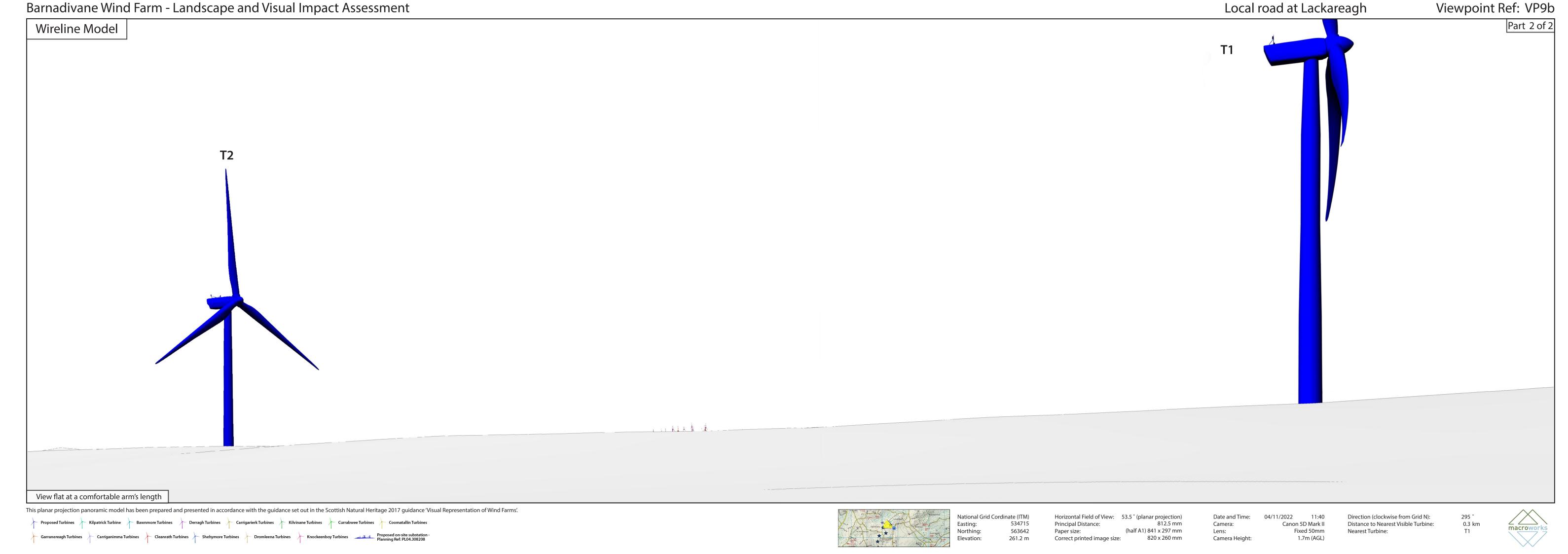
Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Lackareagh Viewpoint Ref: VP9a Part 1 of 2

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



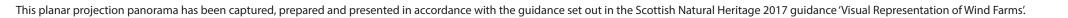
Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

820 x 260 mm



Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Lackareagh Viewpoint Ref: VP9b







04/11/2022 11:40 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

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

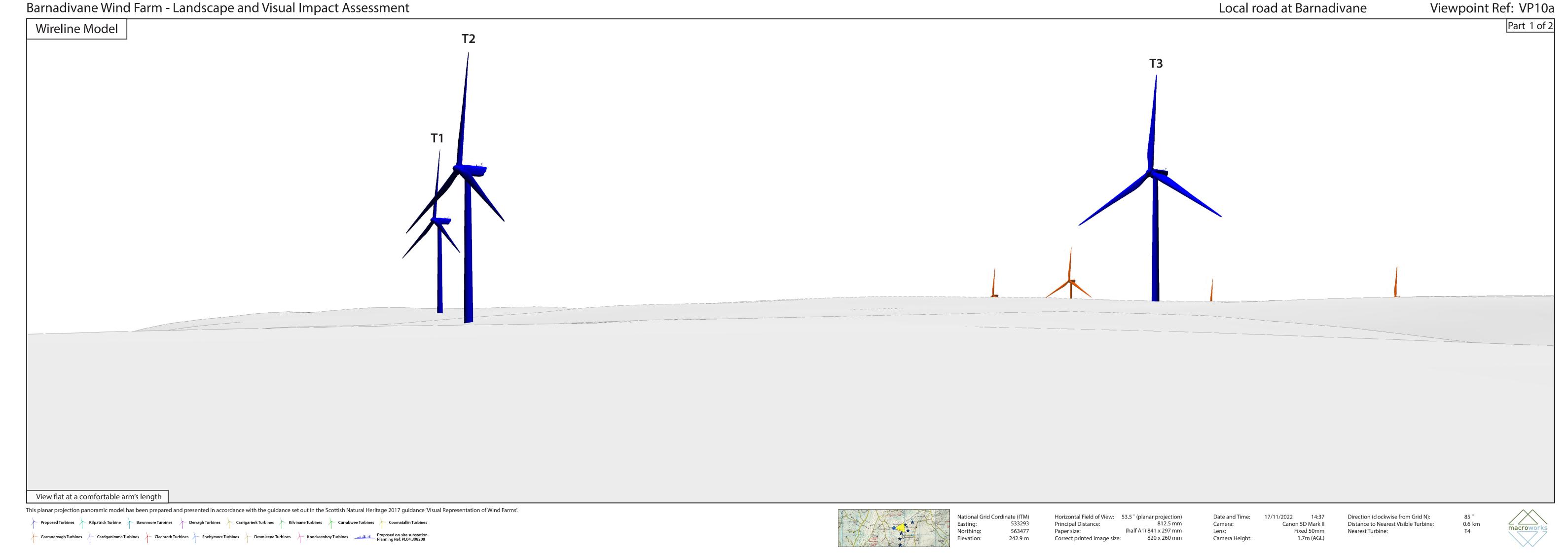
295 ° 0.3 km T1





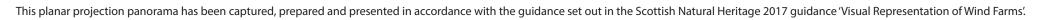
Viewpoint Ref: VP10 Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Barnadivane Part 1 of 1 Contextual Photomontage Extent of VP10b 53.5° planar panorama Contextual Wireline Extent of VP10a 90° cylindrical panorama Extent of VP10b 90° cylindrical panorama





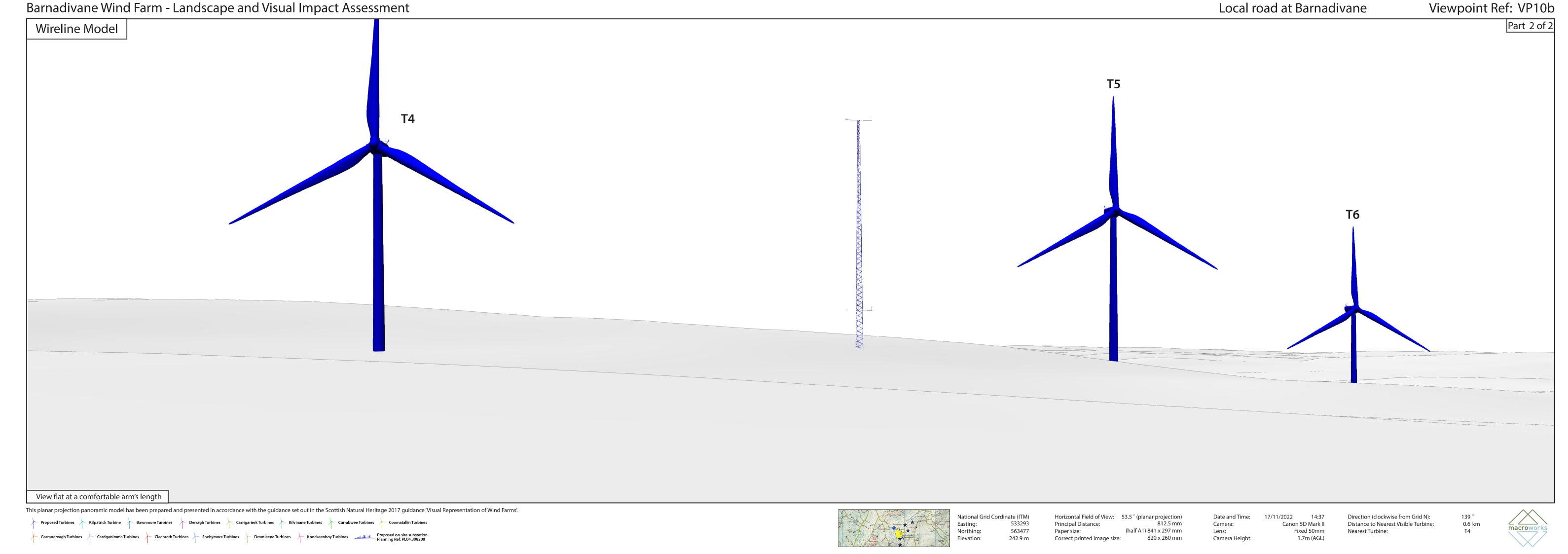
Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Barnadivane Viewpoint Ref: VP10a





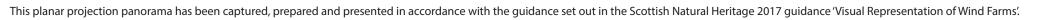


Fixed 50mm 1.7m (AGL)



Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Barnadivane Viewpoint Ref: VP10b







17/11/2022 14:37 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

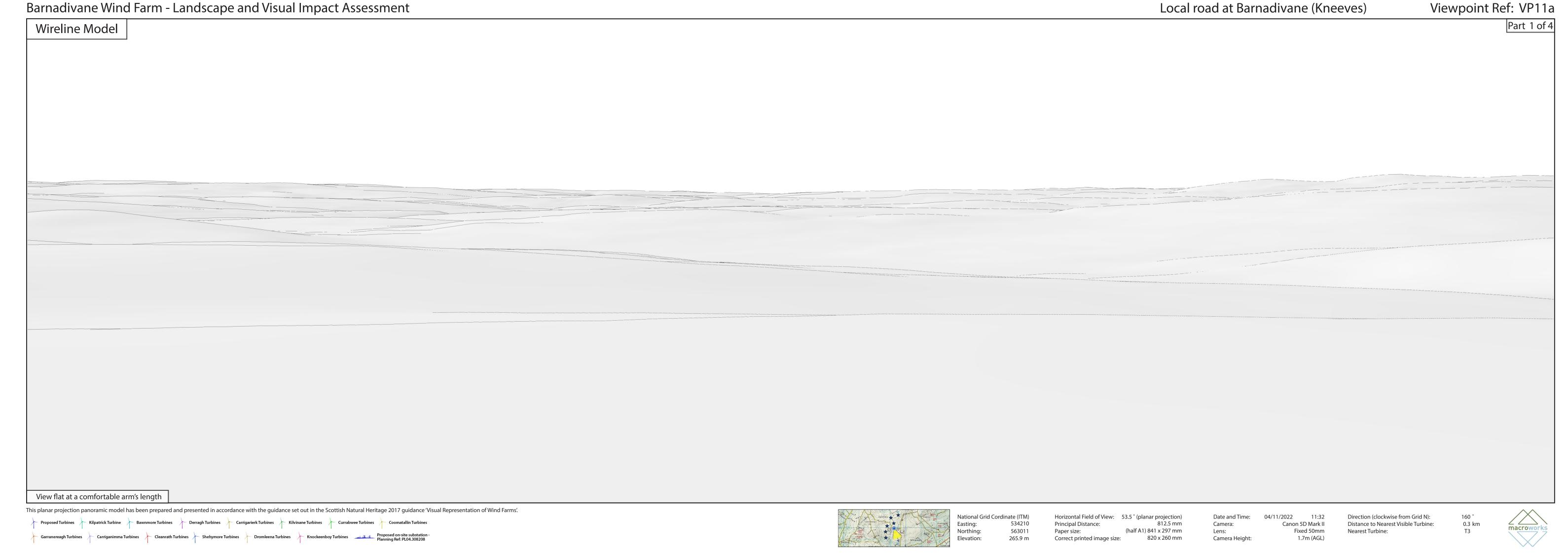
Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:





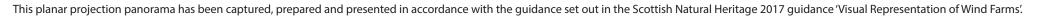






Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Barnadivane (Kneeves) Viewpoint Ref: VP11a

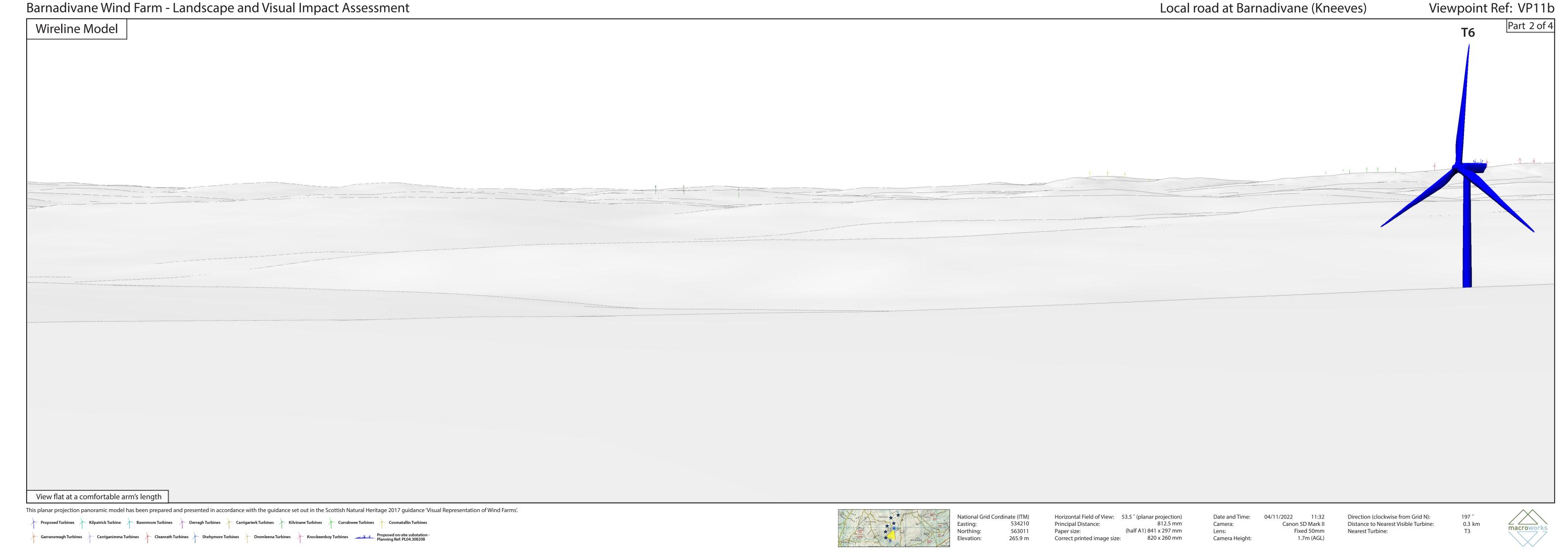






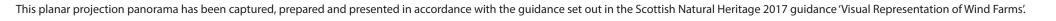
Fixed 50mm 1.7m (AGL)

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



Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Barnadivane (Kneeves)



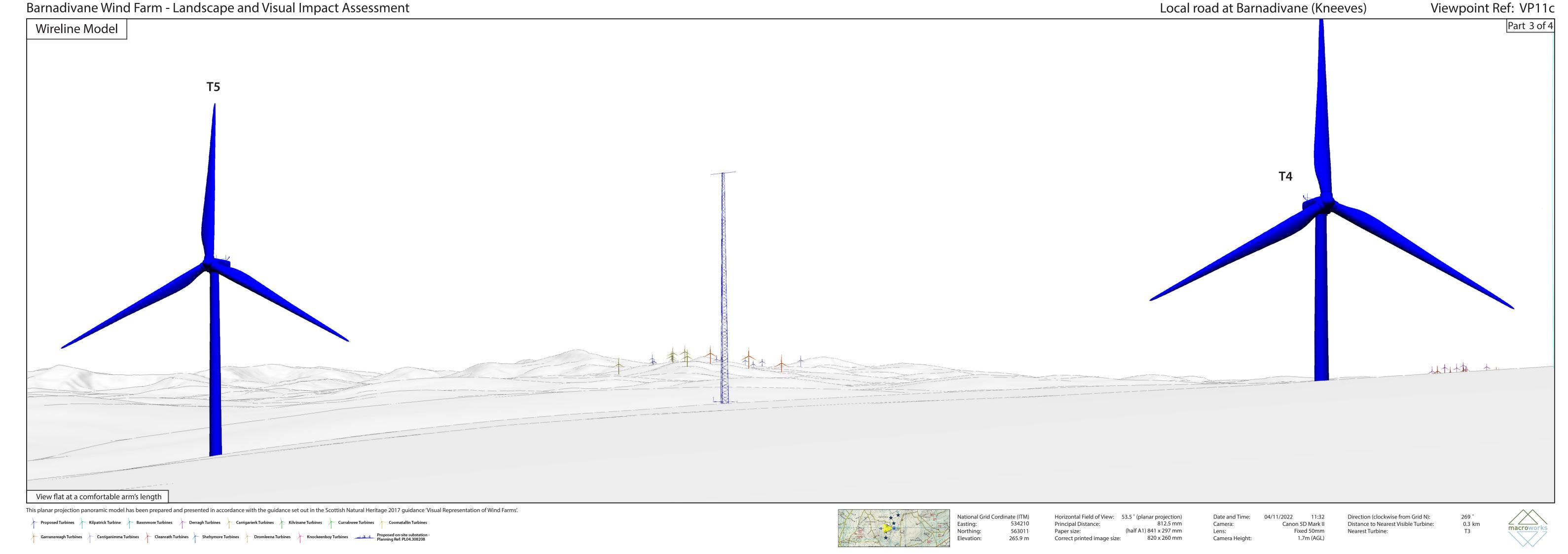




Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:



Viewpoint Ref: VP11b



Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Barnadivane (Kneeves)





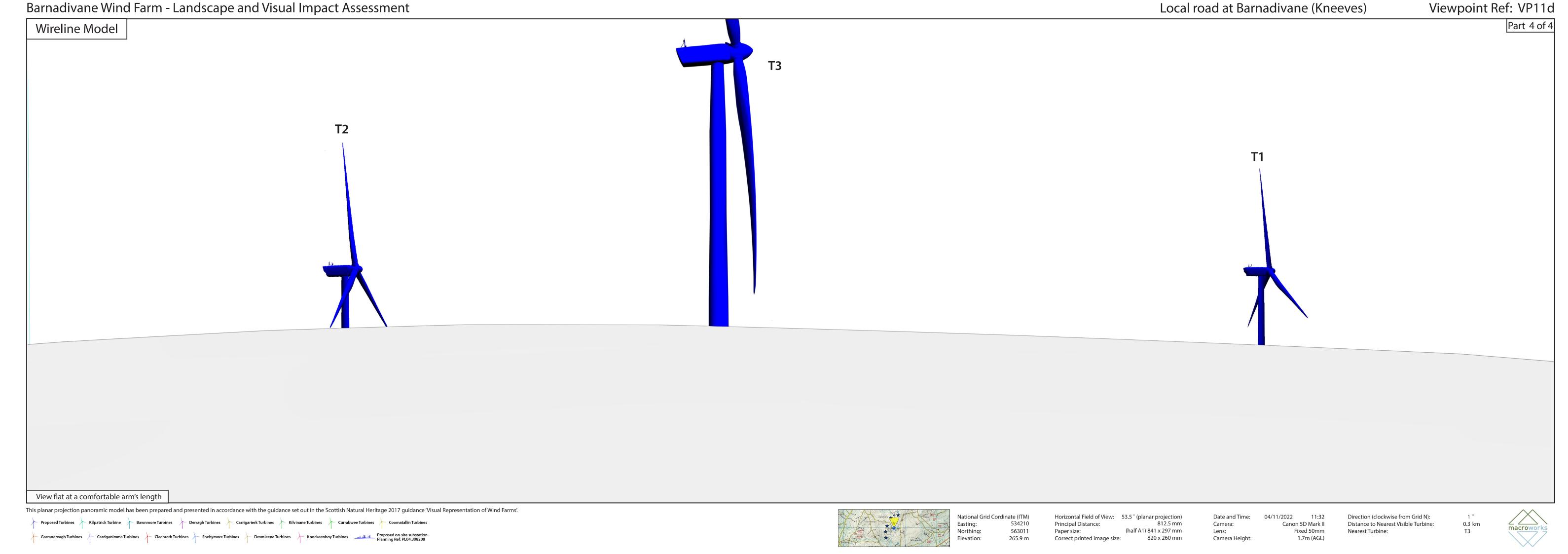


04/11/2022 11:32 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

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



Viewpoint Ref: VP11c



Barnadivane Wind Farm - Landscape and Visual Impact Assessment Local road at Barnadivane (Kneeves) Viewpoint Ref: VP11d





Date and Time: 04/11/2022 11:32 Camera: Canon 5D Mark II Lens: Fixed 50mm 1.7m (AGL)

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

