



Photomontage view from Dunbeath (nr Heritage Centre) Distance to nearest turbine: 33.91 km (Stevenson) Camera: Canon EOS 5D Mark II Focal length: 50 mm Horizontal Field of View : 39.6 degrees Camera Height: 1.5 m Date: 04/09/12 Time: 11:47

This image should be viewed with both eyes from a distance of approximately 500mm\*

\*Calculation of viewing distance from The Highland Council "Visualisation Standards for Wind Energy Developments (January 2010)".

<p>Figure 8.4-21 (page 4 of 5)          Viewpoint 9: Dunbeath          (nr Heritage Centre)</p>
<p>Photomontage          (The Highland Council Visualisation Standards, 50 mm)  <b>Layout Scenario 4c</b></p>



Photomontage view from Dunbeath (nr Heritage Centre) Distance to nearest turbine: 33.91 km Camera: Canon EOS 5D Mark II Focal length: 75 mm Horizontal Field of View : 27 degrees Camera Height: 1.5 m Date: 04/09/12 Time: 11:47  
(Stevenson)

This image should be viewed with both eyes from a distance of approximately 500mm\*

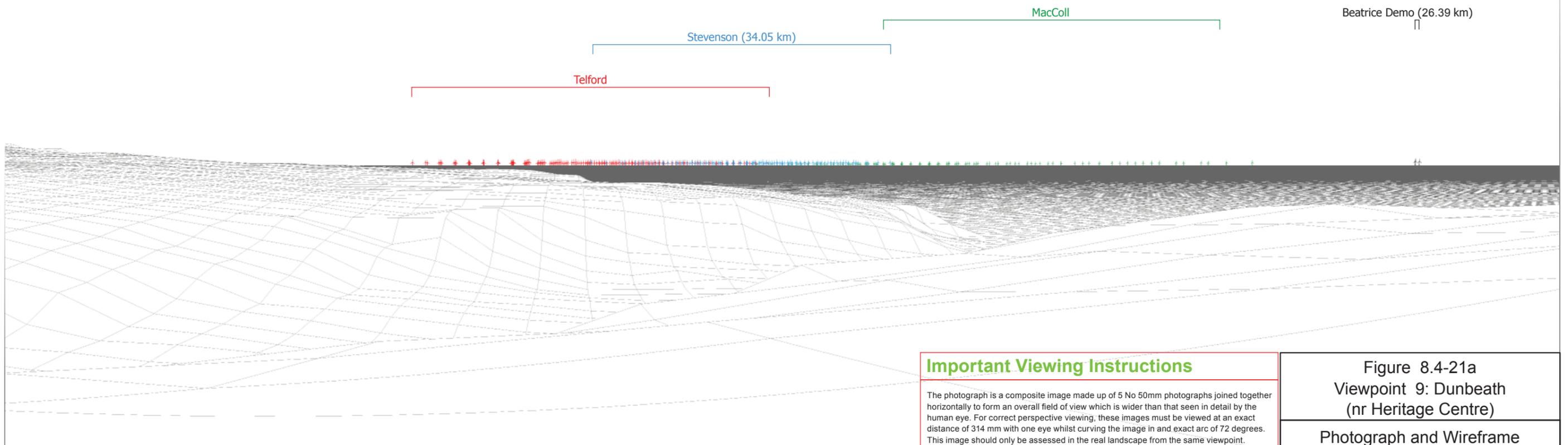
\*Calculation of viewing distance from The Highland Council "Visualisation Standards for Wind Energy Developments (January 2010)".

Figure 8.4-21 (page 5 of 5)  
Viewpoint 9: Dunbeath  
(nr Heritage Centre)

Photomontage  
(The Highland Council Visualisation Standards, 75 mm)  
**Layout Scenario 4c**



Existing view from Dunbeath (nr Heritage Centre) Distance to nearest turbine: 34.05 km (Stevenson) Camera: Canon EOS 5D Mark II Focal Length: 50mm Horizontal Field of View: 72mm Camera Height: 1.5m Date: 04/09/12 Time: 11:47



Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

**Important Viewing Instructions**

The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

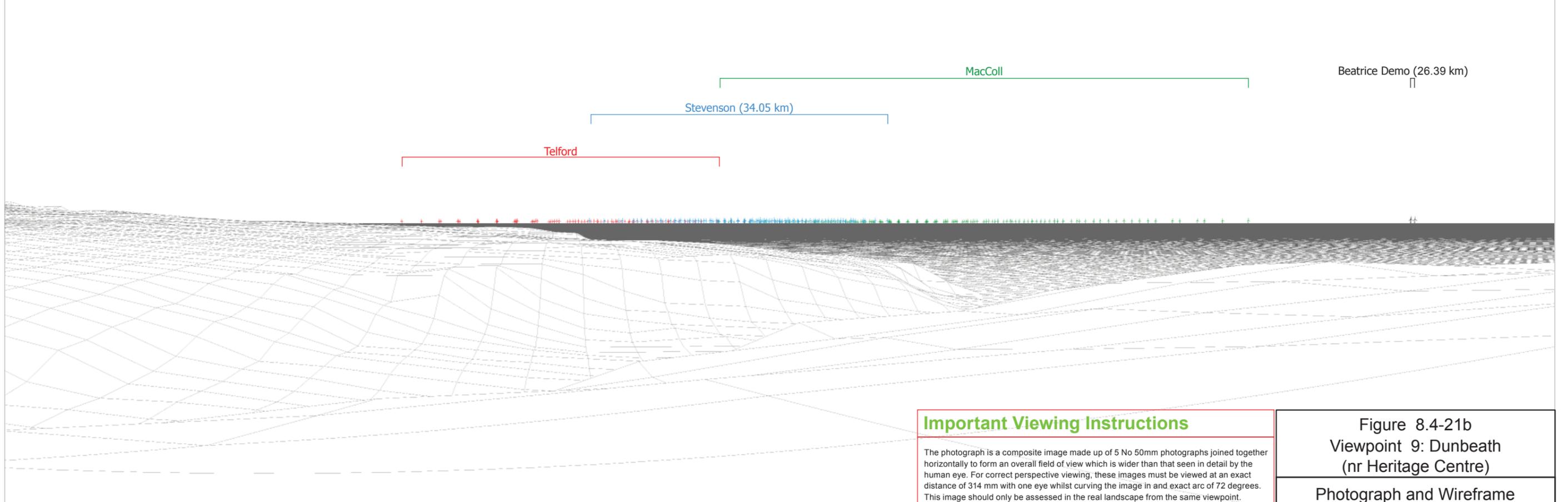
Date: 09/07/2012	Revision: B
Ref: 8460001-PPW0201-OPE-MAP-061	

Figure 8.4-21a  
Viewpoint 9: Dunbeath  
(nr Heritage Centre)  
Photograph and Wireframe  
**Layout Scenario 1c**

Reproduced from Ordnance Survey Landform Profile digital terrain height data © Crown Copyright 2012. All rights reserved. Licence Number 0100034870



Existing view from Dunbeath (nr Heritage Centre) Distance to nearest turbine: 34.05 km (Stevenson) Camera: Canon EOS 5D Mark II Focal Length: 50mm Horizontal Field of View: 72mm Camera Height: 1.5m Date: 04/09/12 Time: 11:47



Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

Reproduced from Ordnance Survey Landform Profile digital terrain height data © Crown Copyright 2012. All rights reserved. Licence Number 0100034870

Important Viewing Instructions	
The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.	
Date: 09/07/2012	Revision: B
Ref: 8460001-PPW0201-OPE-MAP-062	

Figure 8.4-21b Viewpoint 9: Dunbeath (nr Heritage Centre)
Photograph and Wireframe
<b>Layout Scenario 5c</b>



Existing night time view from Dunbeath (nr Heritage Centre)      Distance to nearest turbine: 33.91 km (Stevenson)      Camera: Canon EOS 5D Mark II      Focal Length: 50mm      Horizontal Field of View: 72mm      Camera Height: 1.5m      Date: 09/05/12      Time: 21:47

### Important Viewing Instructions

The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

Date: 09/07/2012

Revision: B

Ref: 8460001-PPW0201-OPE-MAP-063

Figure 8.4-21c  
Viewpoint 9: Dunbeath  
(Night time view)

Photograph

Layout Scenario 4c



Distance to nearest turbine: 33.91 km (Stevenson)    Camera: Canon EOS 5D Mark II    Focal length: 50 mm    Horizontal Field of View : 39.6 degrees    Camera Height: 1.5 m    Date: 09/05/12    Time: 21:47

This image should be viewed with both eyes from a distance of approximately 500mm\*

**Computer generated visual representation** showing possible effect of night time lighting of the Telford, Stevenson and MacColl Wind Farm sites and Offshore Substation Platforms from Dunbeath (nr Heritage Centre)

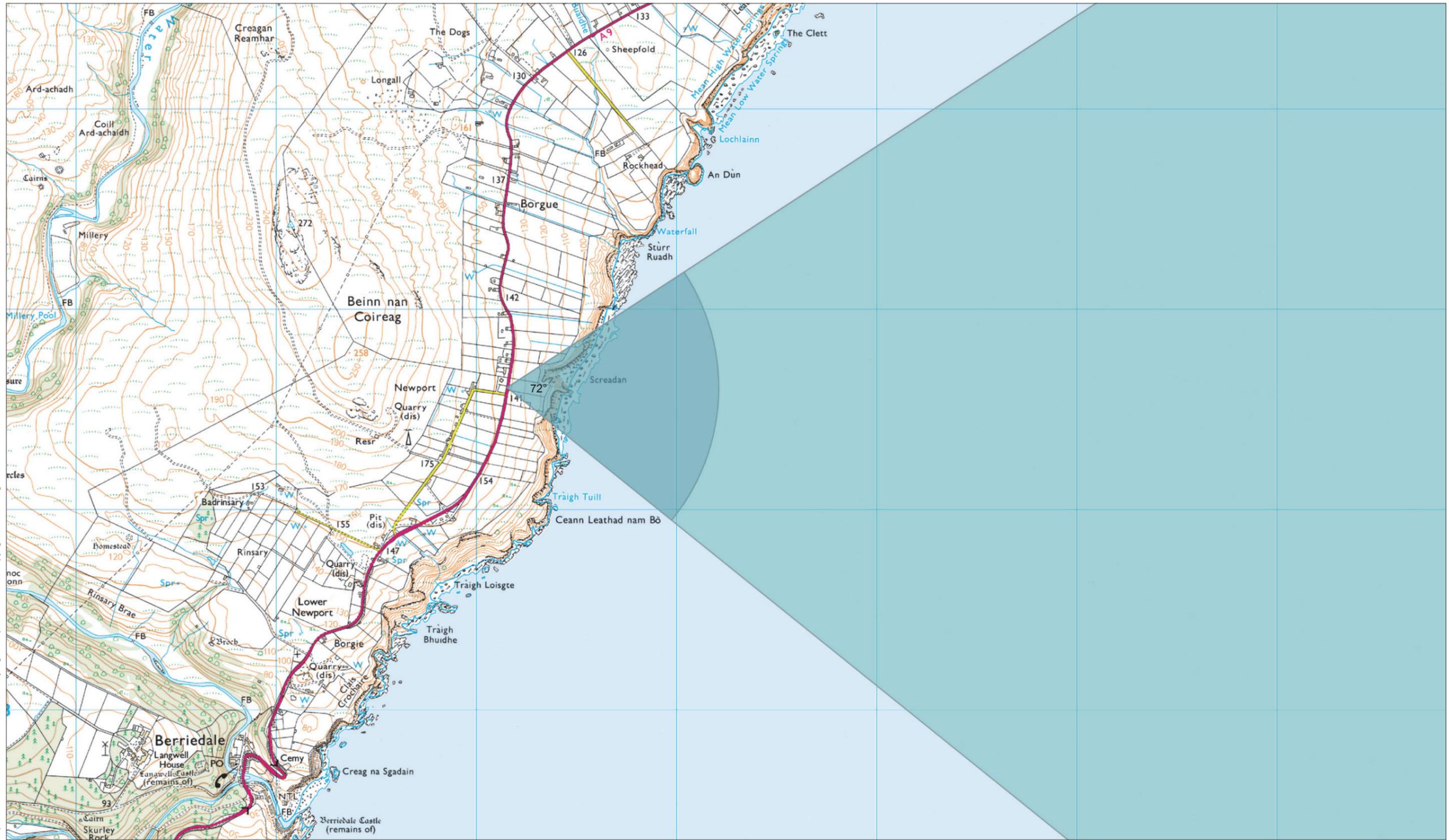
\*Calculation of viewing distance from The Highland Council "Visualisation Standards for Wind Energy Developments (January 2010)".

Date: 09/07/2012	Revision: B
Ref: 8460001-PPW0201-OPE-MAP-064	

<p><b>Figure 8.4-21d</b>  <b>Viewpoint 9: Dunbeath</b>  <b>(Night time view)</b></p>
<p><b>Photomontage</b>          (The Highland Council Visualisation Standards, 50 mm)  <b>Layout Scenario 4c</b></p>

© COPYRIGHT STATEMENT: Moray Offshore Renewables Ltd © 2012. This document is the property of contractors and sub-contractors and shall not be reproduced nor transmitted without prior written approval.

Reproduced from 1:25,000 Ordnance Survey digital map data © Crown Copyright 2012. All rights reserved. Licence Number 0100031673



**Viewpoint 10: Berriedale (A9)**

OSGB Grid Reference: 313153 E 924611 N

Distance to nearest turbine: 36.31 km

AOD: c 143 m

Viewpoint taken at junction with minor road off A9 at Newport on stretch of A9 between Berriedale and Borgue.



**Moray Offshore Renewables Ltd**

Scale in metres: 1: 20,000



Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT

Reviewed: SM

Approved: SM

Date: 09/07/2012

Revision: B

Ref: 8460001-PPW0201-OPE-MAP-065

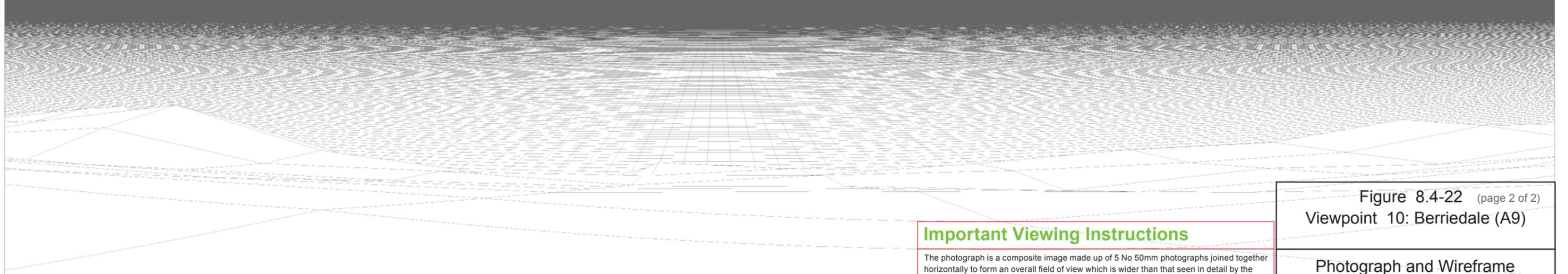
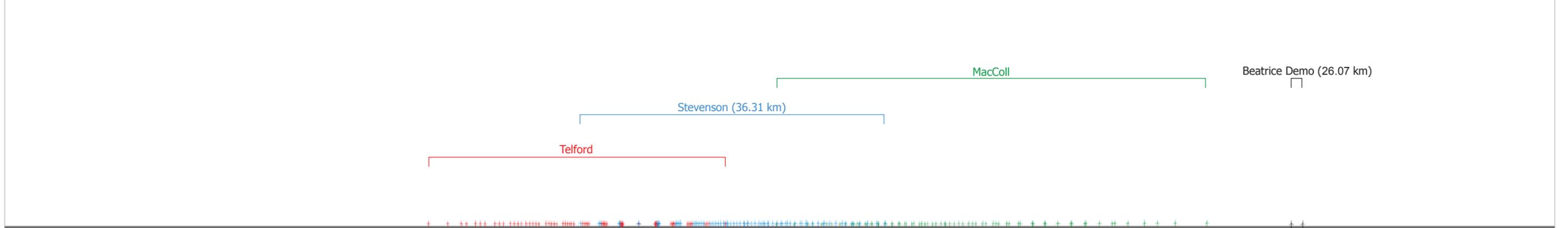


**Figure 8.4-22** (page 1 of 2)  
**Viewpoint 10: Berriedale (A9)**  
Location

**Moray Offshore  
Renewables Ltd**



Existing view from Berriedale (A9)      Distance to nearest turbine: 36.31 km (Stevenson)      Camera: Canon EOS 5D Mark II      Focal Length: 50mm      Horizontal Field of View: 72 degrees      Camera Height: 1.5m      Date: 04/09/11      Time: 12:28



Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

**Important Viewing Instructions**

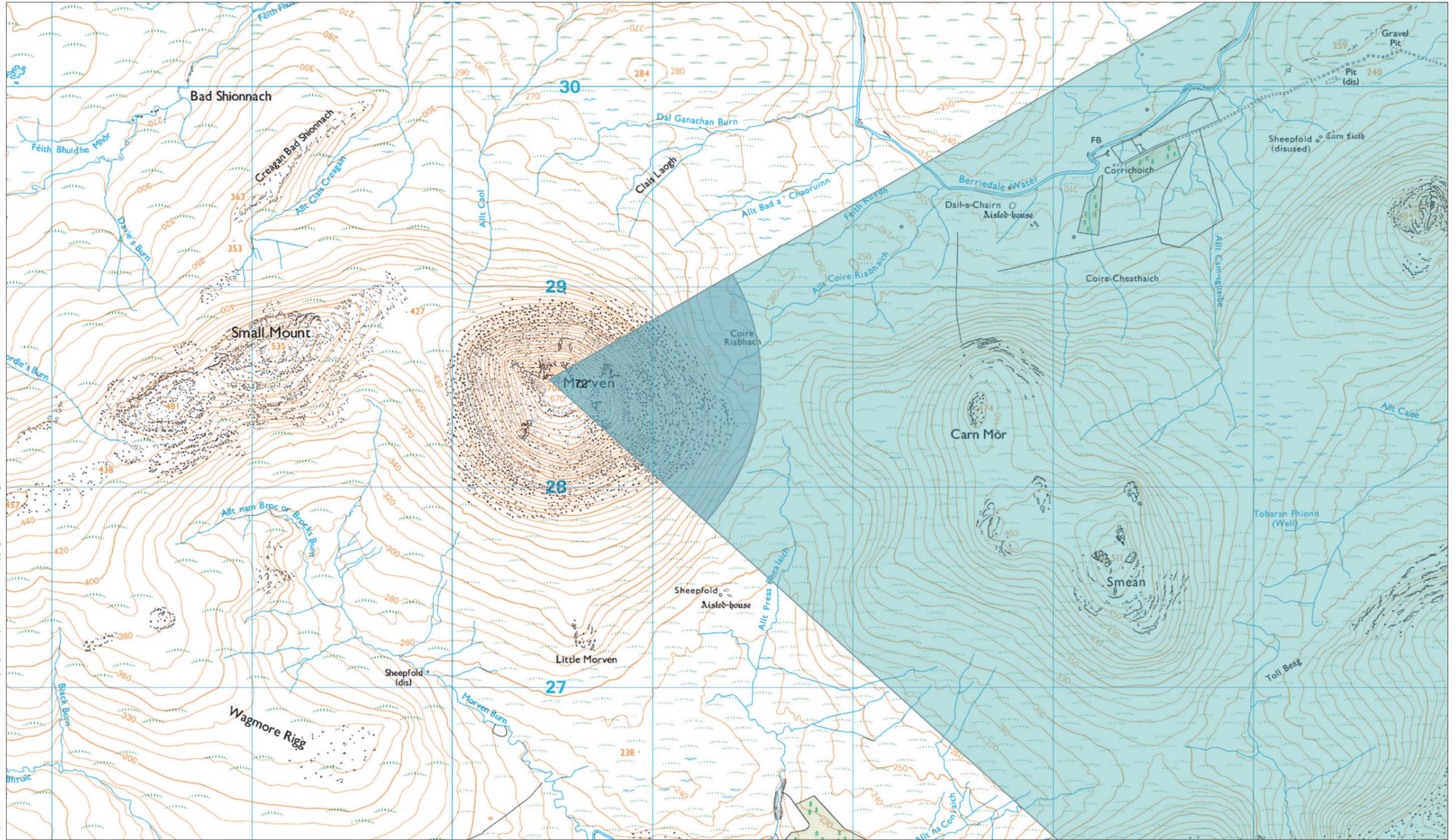
The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

Figure 8.4-22 (page 2 of 2)  
Viewpoint 10: Berriedale (A9)

Photograph and Wireframe

Layout Scenario 4c

Reproduced from Ordnance Survey Landform Profile digital terrain height data © Crown Copyright 2012. All rights reserved. Licence Number 0100034870



**Viewpoint 11: Morven**

OSGB Grid Reference: 300482 E 928539 N

Distance to nearest turbine: 49.16 km

AOD: c 704 m

Viewpoint taken from rocky summit of Morven (706m AOD)



**Moray Offshore Renewables Ltd**

Scale in metres: 1: 20,000



Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT  
Reviewed: SM  
Approved: SM



Date: 09/07/2012

Revision: B

Ref: 8460001-PPW0201-OPE-MAP-066

Figure 8.4-23 (page 1 of 2)

**Viewpoint 11: Morven**  
Location

**Moray Offshore**  
**Renewables Ltd**



Existing view from Morven      Distance to nearest turbine: 49.16 km (Stevenson)      Camera: Canon EOS 5D Mark II      Focal Length: 50mm      Horizontal Field of View: 72 degrees      Camera Height: 1.5m      Date: 05/09/11      Time: 13:06

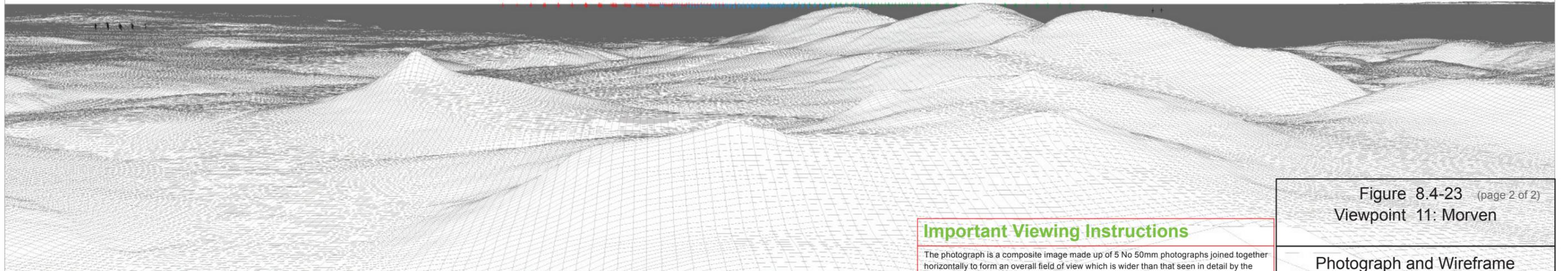
Buolfrulich (16.63 km)

Stevenson (49.16 km)

MacColl

Beatrice Demo (39.22 km)

Telford



Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

**Important Viewing Instructions**

The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

Figure 8.4-23 (page 2 of 2)  
Viewpoint 11: Morven

Photograph and Wireframe

Layout Scenario 4c