



Code: UKCAL-CWF-CON-EIA-RPT-00007-7E22

Volume 7E Proposed Development (Onshore) Appendices

Appendix 4-3 Landscape and Visual Visualisations

Caledonia Offshore Wind Farm Ltd

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Volume 7E Appendix 4-3 Landscape and Visual Visualisations

Code	UKCAL-CWF-CON-EIA-RPT-00007-7E22
Revision	Issued
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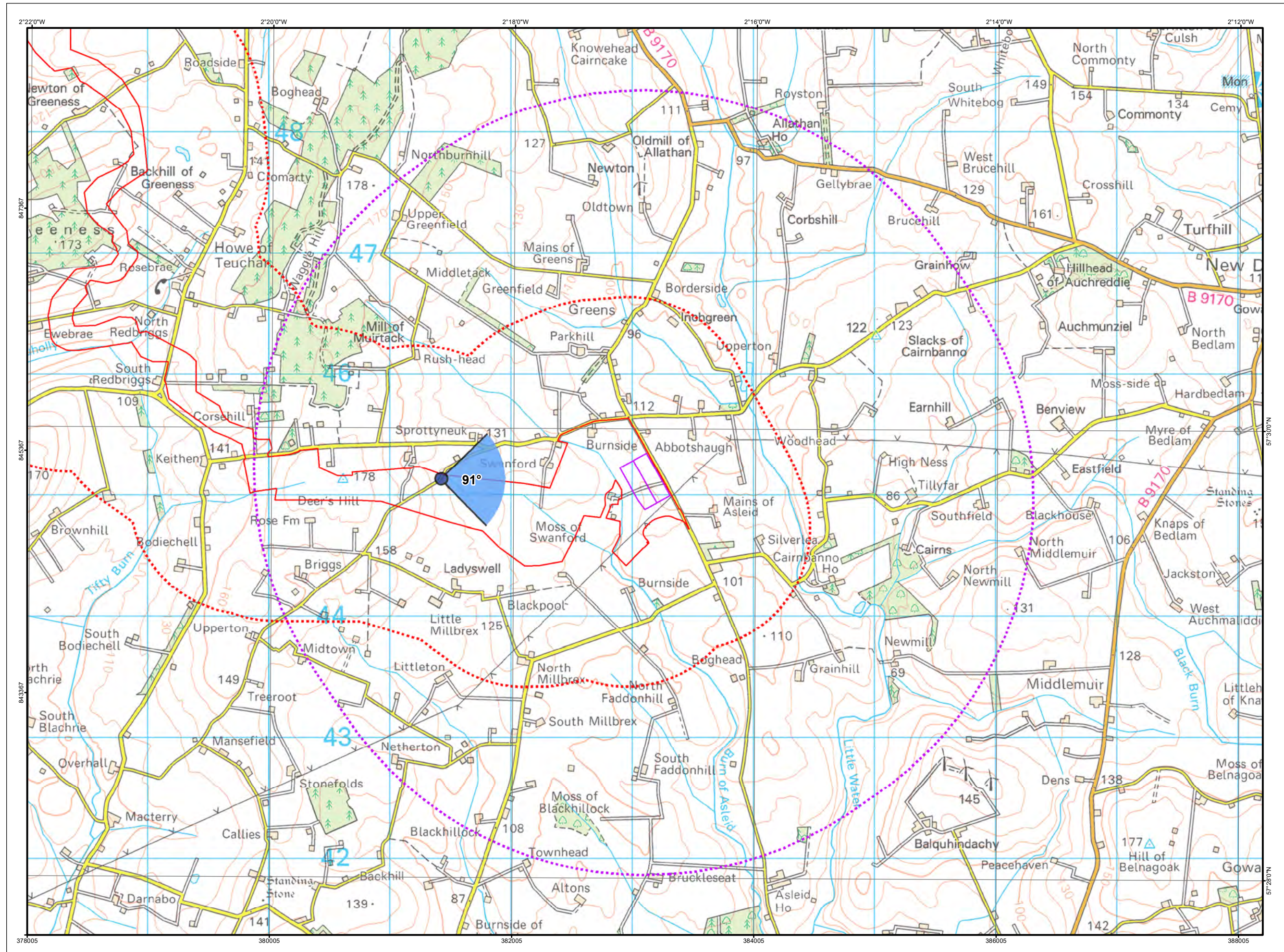
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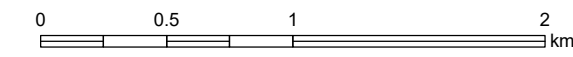
1 Landscape and Visual Visualisations

1.1 Introduction

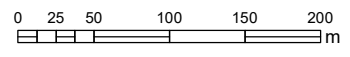
- 1.1.1.1 This technical appendix supports Volume 5, Chapter 4: Landscape and Visual of the Environmental Impact Assessment Report (EIAR).
- 1.1.1.2 The purpose of this appendix is to present the visualisations prepared as part of the Landscape and Visual Impact Assessment (LVIA) presented within the EIAR.



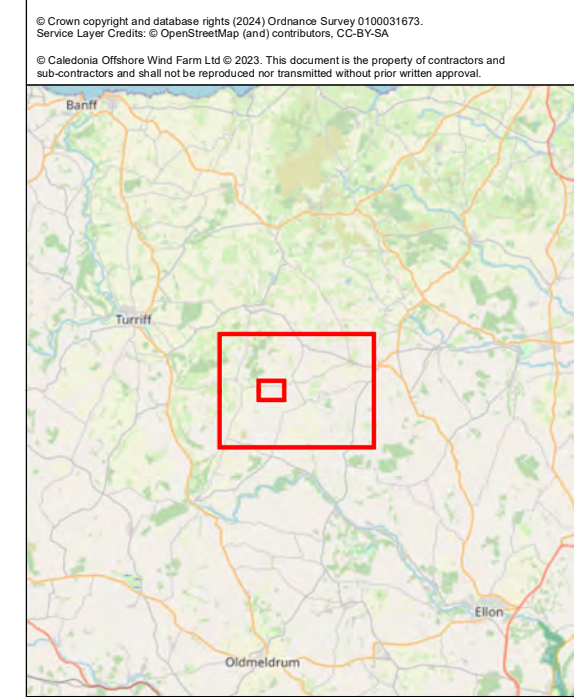
90 Degree View
Scale: 1:30,000



53.5 Degree View
Scale: 1:5,000



- Onshore Transmission Infrastructure
- Red Line Boundary
- - - Onshore Substations
- - - Onshore Transmission Infrastructure 1km Study Area
- - - Substation 3km Study Area
- ◡ 90 Degree Field of View
- ◡ 53.5 Degree Field of View



REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP
04	14/05/2024	Approved	LA	LT	XX
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01	17/04/2024	For Review	RA	LT	XX



CONTRACTOR DRAWING NO: UKCAL1_OPN_WNF_ENV_LVA_MAP_00011_04
 GEODETIC PARAMETERS: OSGB36 / British National Grid (EPSG:27700)
 DRAWING TITLE: Figure 4-11a Viewpoint 1: Minor Road East of Deer's Hill

STATUS	SCALE
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DRAWING NUMBER: N/A	SHEET NO: 01 of 09 REV: N/A



Baseline Photograph

This image provides landscape and visual context only



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

OS reference: 381426 E 845134 N	Horizontal field of view: 90° (cylindrical projection)	Camera: Canon EOS 6D Mark II
Eye level: 133.2 m AOD	Principal distance: 522 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 91°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 1476 m	Correct printed image size: 820 x 130 mm	Date and time: 31/10/2023, 15:35:45



Baseline Photograph

View flat at a comfortable arm's length

OS reference: 381426 E 845134 N	Horizontal field of view: 53.5° (planar projection)	Camera: Canon EOS 6D Mark II
Eye level: 133.2 m AOD	Principal distance: 812.5 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 91°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 1476 m	Correct printed image size: 820 x 260 mm	Date and time: 31/10/2023, 15:35:45

Figure 4-11c
Viewpoint 1: Minor road east of Deer's Hill
Caledonia Offshore Wind Farm
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference:	381426 E 845134 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	133.2 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	91°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	1476 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 15:35:45

Figure: 4-11d
Viewpoint 1: Minor road east of Deer's Hill
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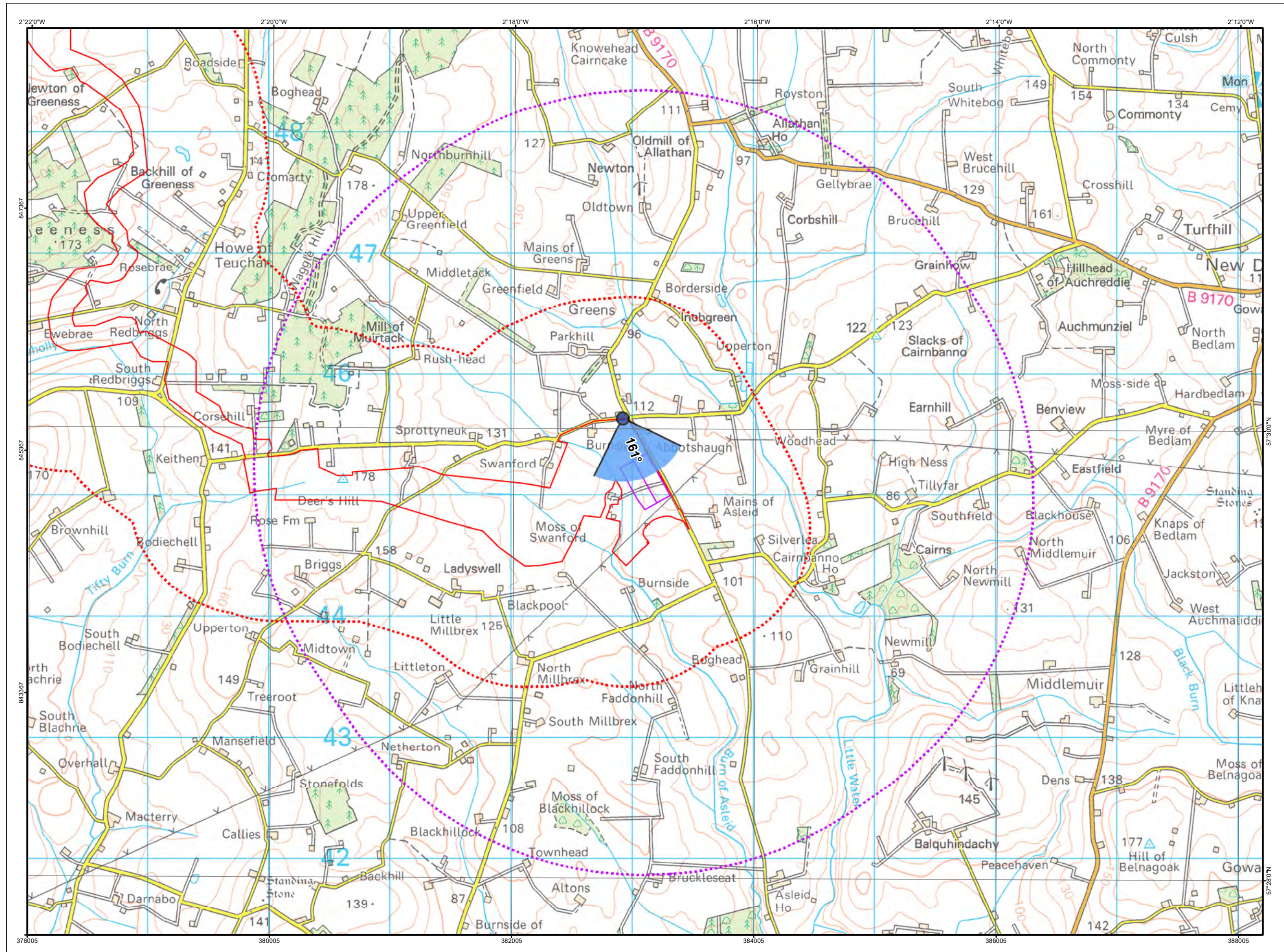


TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

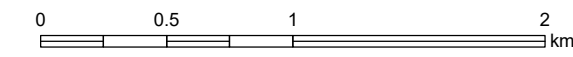
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OS reference:	381426 E 845134 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	133.2 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	91°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	1476 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 15:35:45

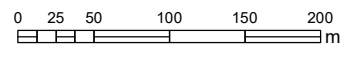
Figure: 4-11e
Viewpoint 1: Minor road east of Deer's Hill
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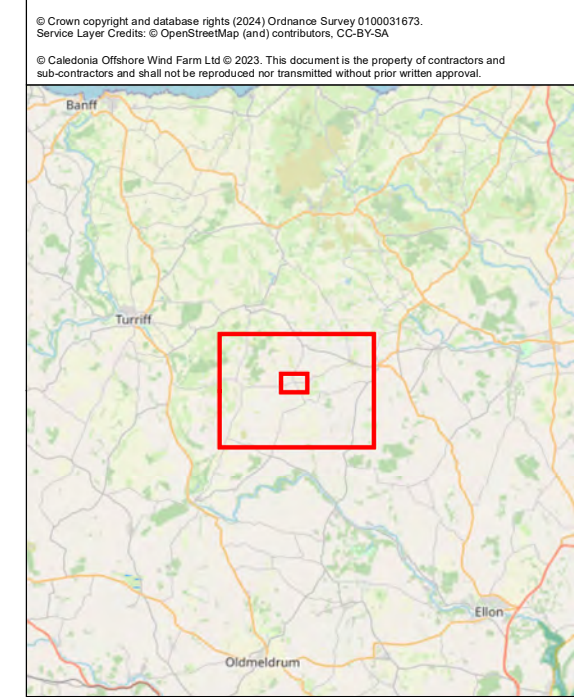
90 Degree View
Scale: 1:30,000



53.5 Degree View
Scale: 1:5,000



- Onshore Transmission Infrastructure
- Red Line Boundary
- - - Onshore Substations
- - - Onshore Transmission Infrastructure 1km Study Area
- - - Substation 3km Study Area
- ◡ 90 Degree Field of View
- ◡ 53.5 Degree Field of View



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01	17/04/2024	For Review	RA	LT	XX

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CALEDONIA WIND FARMS open ENERGY PARTNERS

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 GEODETIC PARAMETERS: OSGB36 / British National Grid (EPSG:27700)

DRAWING TITLE: **Figure 4-12a**
Viewpoint 2:
Minor Road Near Maryhill

STATUS	SCALE
Approved	
DRAWING NUMBER: N/A	SHEET NO: 02 of 09 REV: N/A



OS reference:	382925 E 845634 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	114.7 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	161°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	347 m	Correct printed image size:	820 x 130 mm	Date and time:	31/10/2023, 15:56:46



Baseline Photograph

View flat at a comfortable arm's length

OS reference: 382925 E 845634 N
Eye level: 114.7 m AOD
Direction of view: 161°
Distance to site: 347 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 6D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 31/10/2023, 15:56:46

Figure: 4-12c
Viewpoint 2: Minor road near Maryhill
Caledonia Offshore Wind Farm
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference:	382925 E 845634 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	114.7 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	161°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	347 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 15:56:46

Figure: 4-12d
Viewpoint 2: Minor road near Maryhill
Caledonia Offshore Wind Farm
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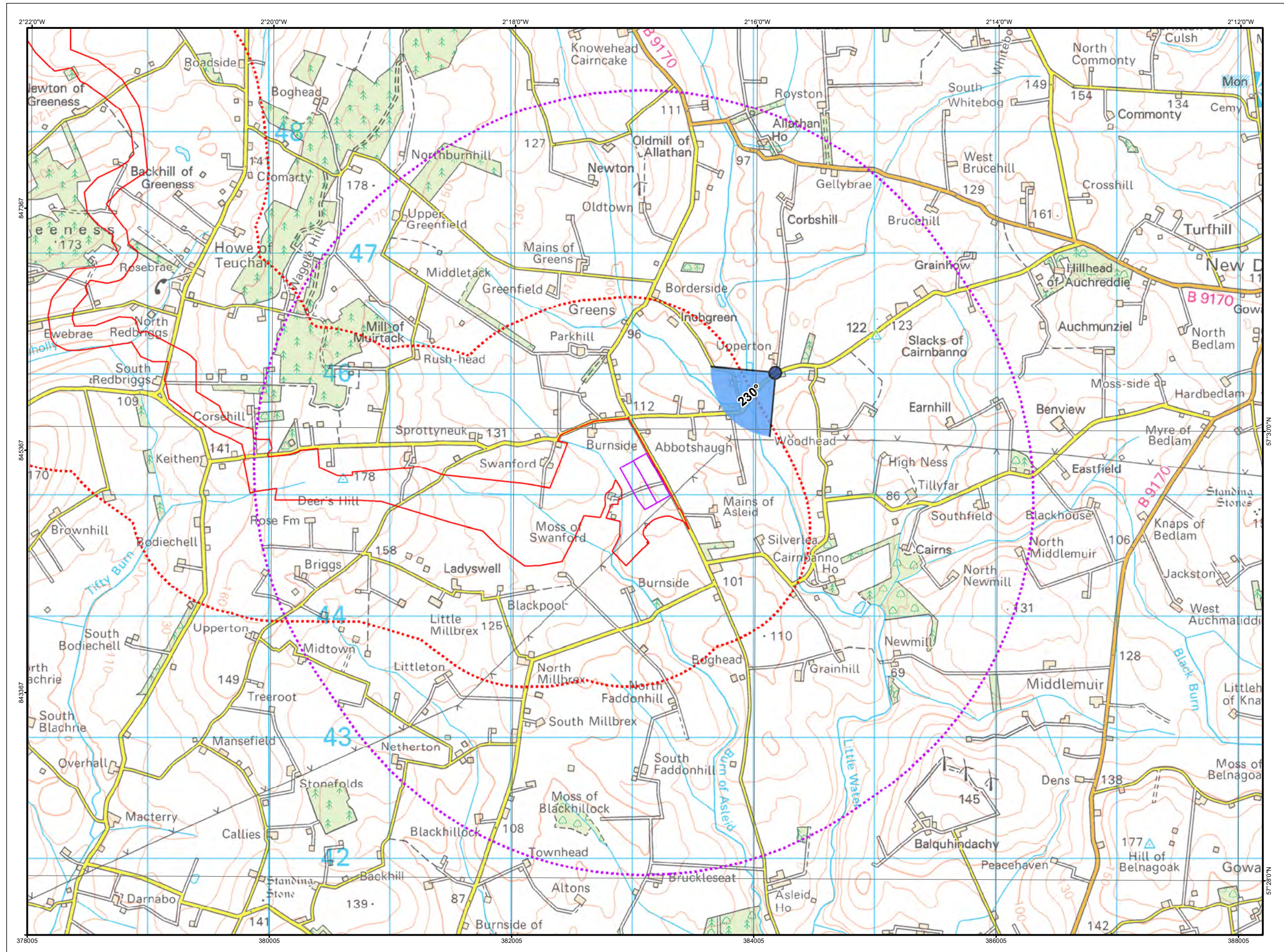


TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

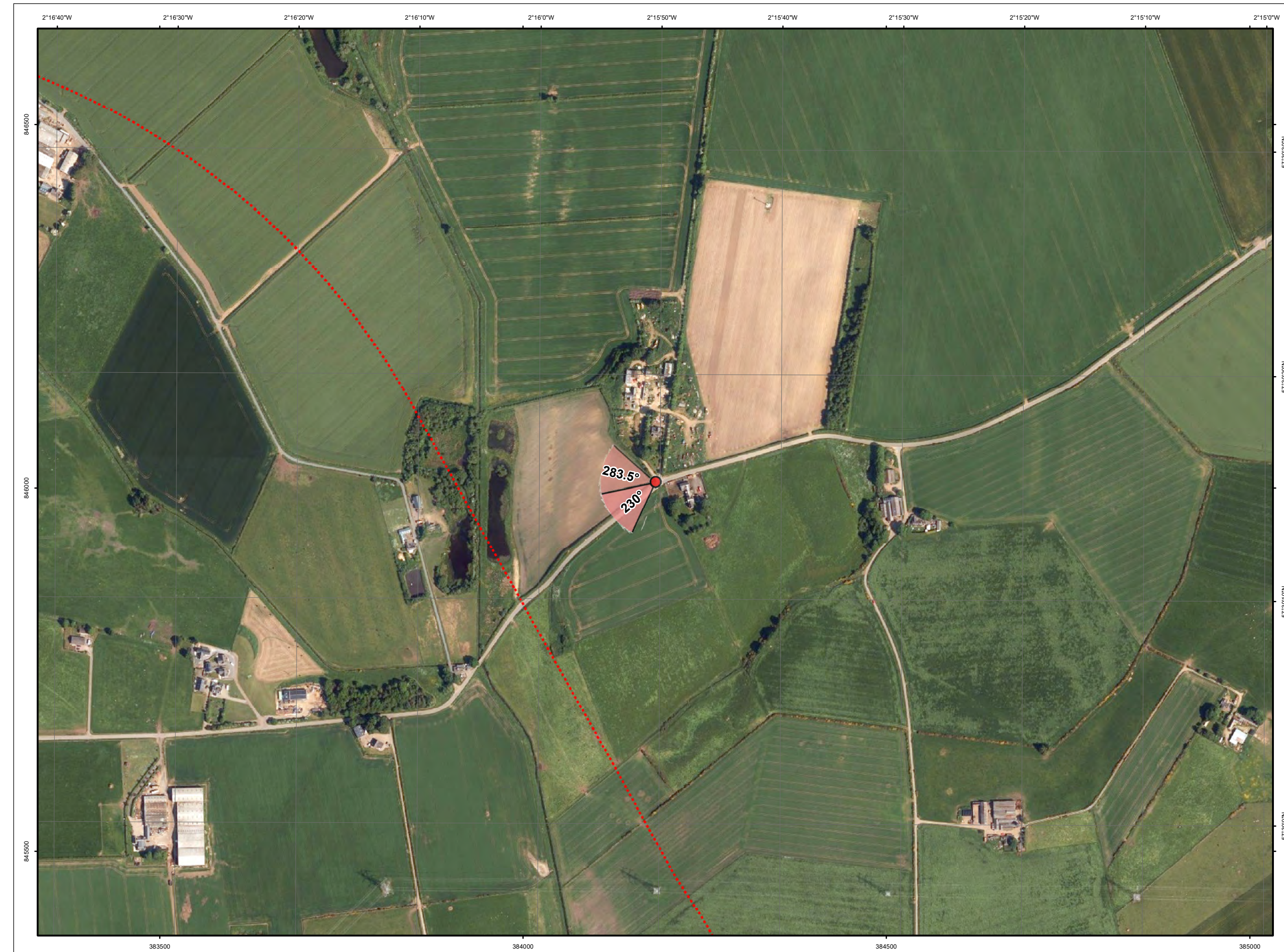
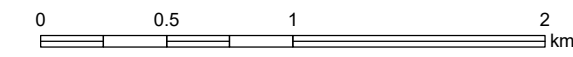
View flat at a comfortable arm's length

OS reference:	382925 E 845634 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	114.7 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	161°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
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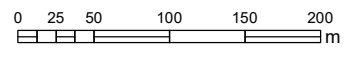
Figure: 4-12e
Viewpoint 2: Minor road near Maryhill
Caledonia Offshore Wind Farm
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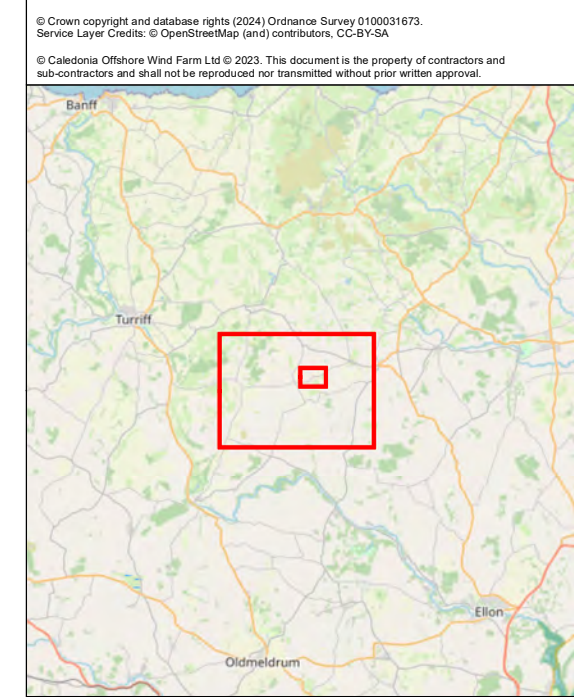
90 Degree View
Scale: 1:30,000



53.5 Degree View
Scale: 1:5,000



- Onshore Transmission Infrastructure
- ▭ Red Line Boundary
- - - Onshore Substations
- - - Onshore Transmission Infrastructure 1km Study Area
- - - Substation 3km Study Area
- ◉ 90 Degree Field of View
- ◉ 53.5 Degree Field of View
- ◉ Cumulative 53.5 Degree Field of View



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 GEODETIC PARAMETERS: OSGB36 / British National Grid (EPSG:27700)

DRAWING TITLE: Figure 4-13a
 Viewpoint 3:
 Minor Road Near Upperton

STATUS: Approved	SCALE:
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	REV: N/A



Baseline Photograph

This image provides landscape and visual context only



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

OS reference: 384182 E 846008 N	Horizontal field of view: 90° (cylindrical projection)	Camera: Canon EOS 6D Mark II
Eye level: 104.1 m AOD	Principal distance: 522 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 230°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 1254 m	Correct printed image size: 820 x 130 mm	Date and time: 31/10/2023, 13:09:05



Baseline Photograph

View flat at a comfortable arm's length

OS reference: 384182 E 846008 N	Horizontal field of view: 53.5° (planar projection)	Camera: Canon EOS 6D Mark II
Eye level: 104.1 m AOD	Principal distance: 812.5 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 230°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 1254 m	Correct printed image size: 820 x 260 mm	Date and time: 31/10/2023, 13:09:05

Figure: 4-13c
Viewpoint 3: Minor road near Upperton
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference:	384182 E 846008 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	104.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	230°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	1254 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 13:09:05

Figure: 4-13d
Viewpoint 3: Minor road near Upperton
Caledonia Offshore Wind Farm
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

View flat at a comfortable arm's length

OS reference:	384182 E 846008 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	104.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	230°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	1254 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 13:09:05

Figure: 4-13e
Viewpoint 3: Minor road near Upperton
Caledonia Offshore Wind Farm
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation with the Proposed Maximum Design Parameters of the Greens Substation

View flat at a comfortable arm's length

OS reference:	384182 E 846008 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	104.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	230°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
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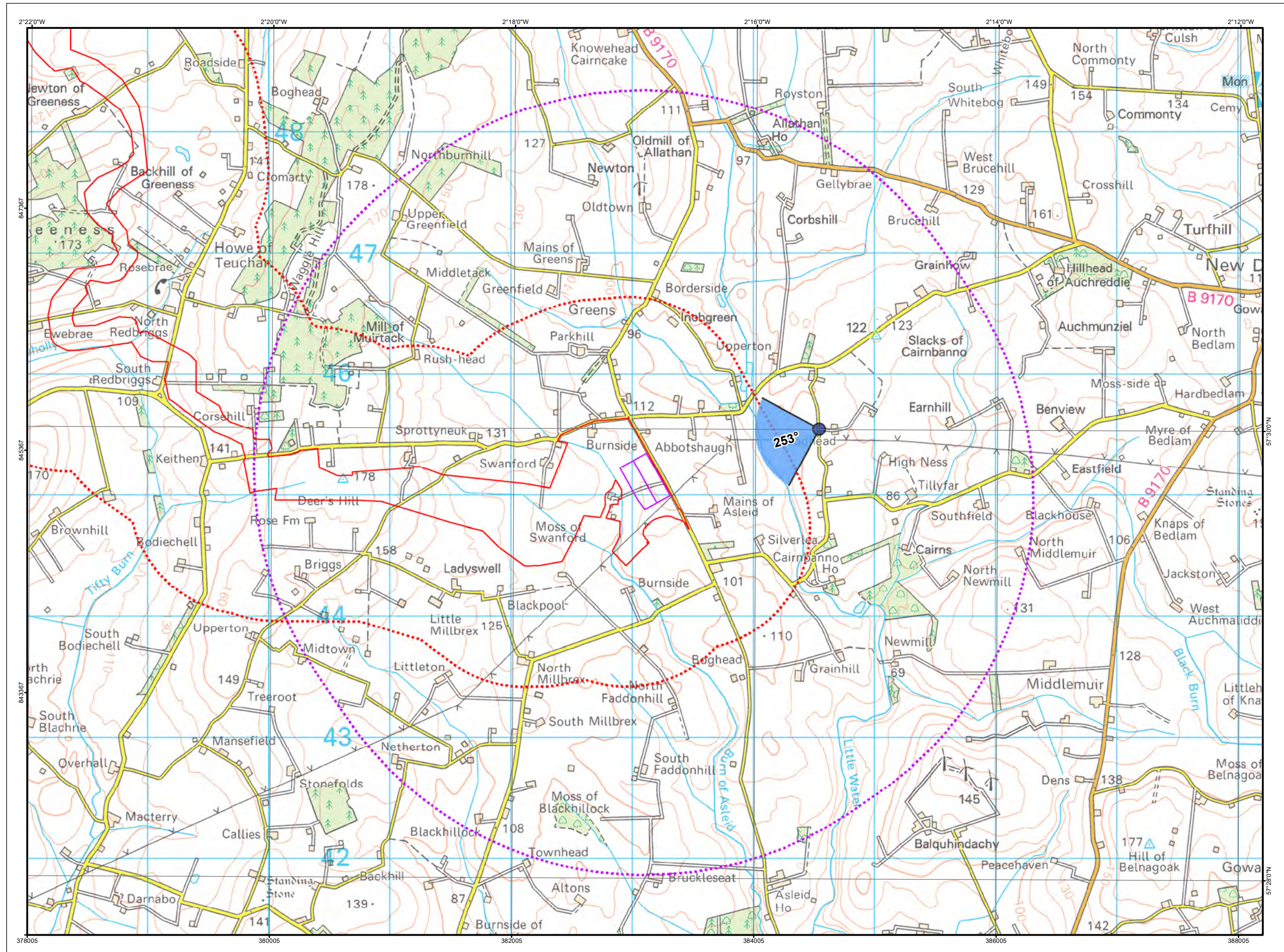
Greens Substation Location

TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation with the Proposed Maximum Design Parameters of the Greens Substation

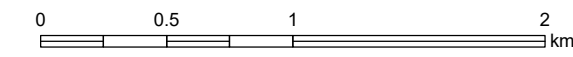
View flat at a comfortable arm's length

OS reference:	384182 E 846008 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	104.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	283.5°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
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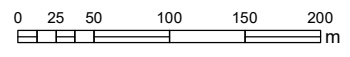
Figure: 4-13g
Viewpoint 3: Minor road near Upperton
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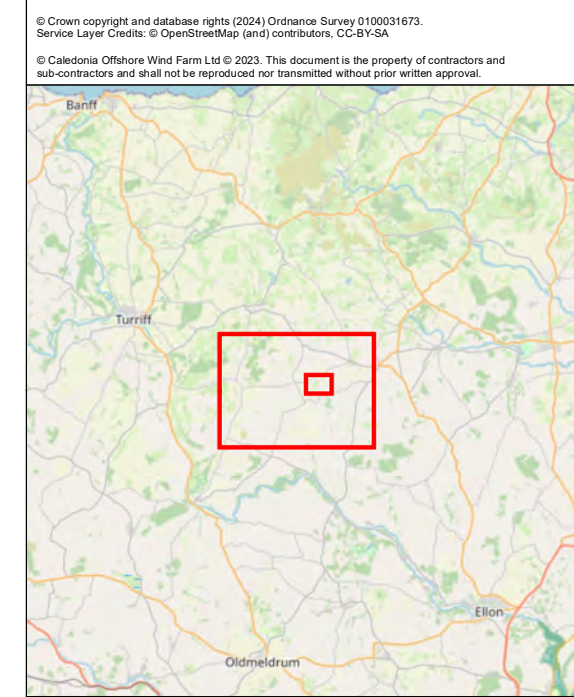
90 Degree View
Scale: 1:30,000



53.5 Degree View
Scale: 1:5,000



- Onshore Transmission Infrastructure
- Red Line Boundary
- - - Onshore Substations
- - - Onshore Transmission Infrastructure 1km Study Area
- - - Substation 3km Study Area
- ▲ 90 Degree Field of View
- ▲ 53.5 Degree Field of View



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Figure 4-14a
Viewpoint 4:
Minor Road Near Woodhead

STATUS: Approved	SCALE:
DRAWING NUMBER: N/A	SHEET NO: 04 of 09
	REV: N/A



Baseline Photograph

This image provides landscape and visual context only



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

OS reference:	384541 E 845541 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	104.8 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	253°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
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Baseline Photograph

View flat at a comfortable arm's length

OS reference: 384541 E 845541 N
Eye level: 104.8 m AOD
Direction of view: 253°
Distance to site: 1345 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 6D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 31/10/2023, 13:33:57

Figure: 4-14c
Viewpoint 4: Minor road near Woodhead
Caledonia Offshore Wind Farm
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference: 384541 E 845541 N	Horizontal field of view: 53.5° (planar projection)	Camera: Canon EOS 6D Mark II
Eye level: 104.8 m AOD	Principal distance: 812.5 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 253°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 1345 m	Correct printed image size: 820 x 260 mm	Date and time: 31/10/2023, 13:33:57

Figure: 4-14d
Viewpoint 4: Minor road near Woodhead
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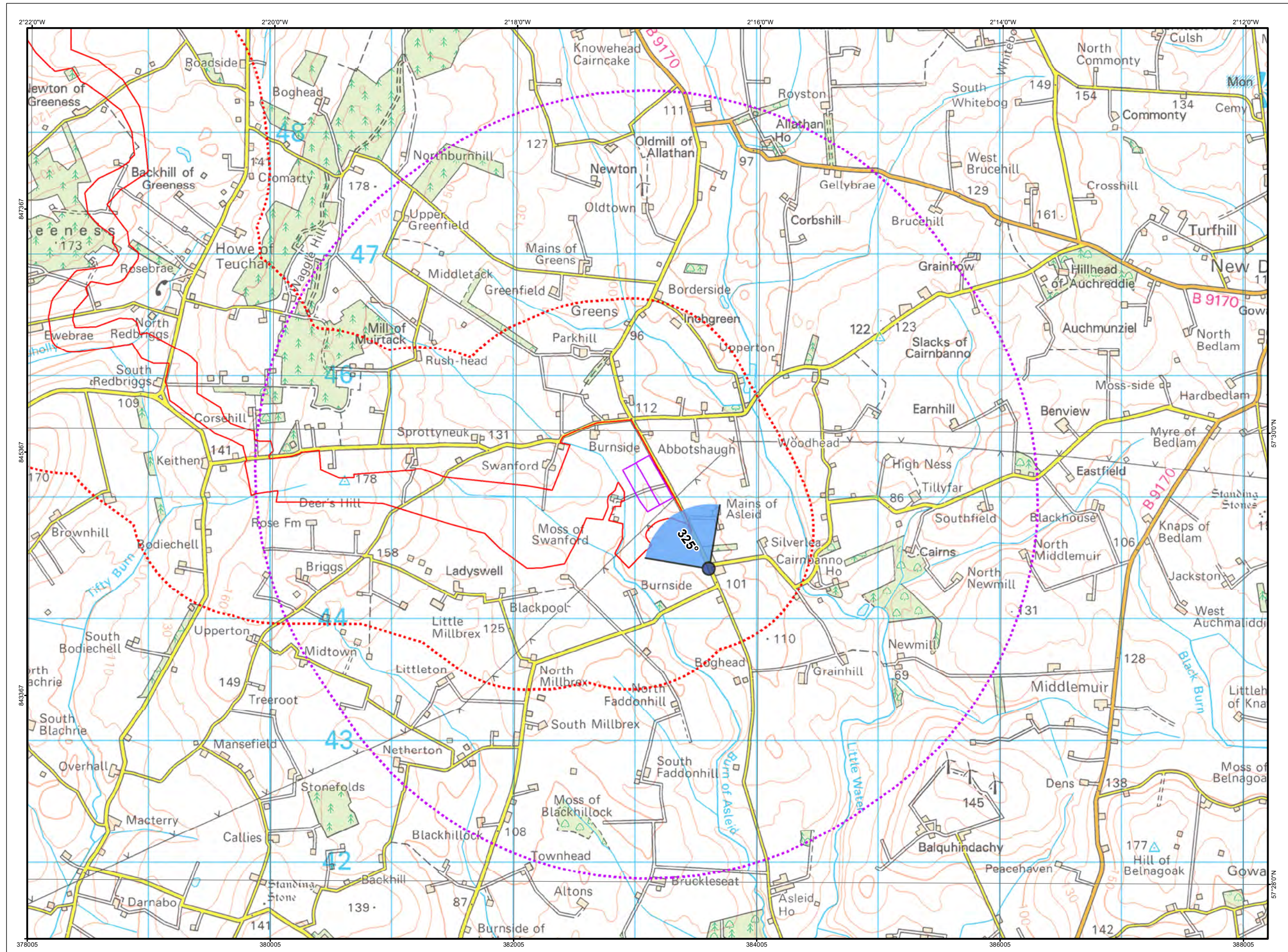


TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

View flat at a comfortable arm's length

OS reference:	384541 E 845541 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	104.8 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	253°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	1345 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 13:33:57

Figure: 4-14e
Viewpoint 4: Minor road near Woodhead
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90 Degree View
Scale:1:30,000



53.5 Degree View
Scale:1:5,000

▭ Onshore Transmission Infrastructure
▬ Red Line Boundary
▭ Onshore Substations
⋯ Onshore Transmission Infrastructure 1km Study Area
⋯ Substation 3km Study Area
▲ 90 Degree Field of View
▲ 53.5 Degree Field of View

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OSG836 / British National Grid (EPSG:27700)
CONTRACTOR DRAWING NO UKCAL1_OPN_WNF_ENV_LVA_MAP_00015_04 CONTRACTOR REV 04
OSG836 / British National Grid (EPSG:27700)
 DRAWING TITLE: **Figure 4-15a**
Viewpoint 5:
Minor Road Near Upper Mains of Asleid

STATUS	Approved	SCALE	
DRAWING NUMBER	N/A	SHEET NO	05 of 09
		REV	N/A



Baseline Photograph

This image provides landscape and visual context only



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

OS reference:	383604 E 844411 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	105.1 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	324°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	652 m	Correct printed image size:	820 x 130 mm	Date and time:	31/10/2023, 15:05:52

Figure: 4-15b
Viewpoint 5: Minor road near Upper Mains of Asleid



Baseline Photograph

View flat at a comfortable arm's length

OS reference:	383604 E 844411 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	105.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	324°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	652 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 15:05:52



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference:	383604 E 844411 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	105.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	324°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	652 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 15:05:52



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

View flat at a comfortable arm's length

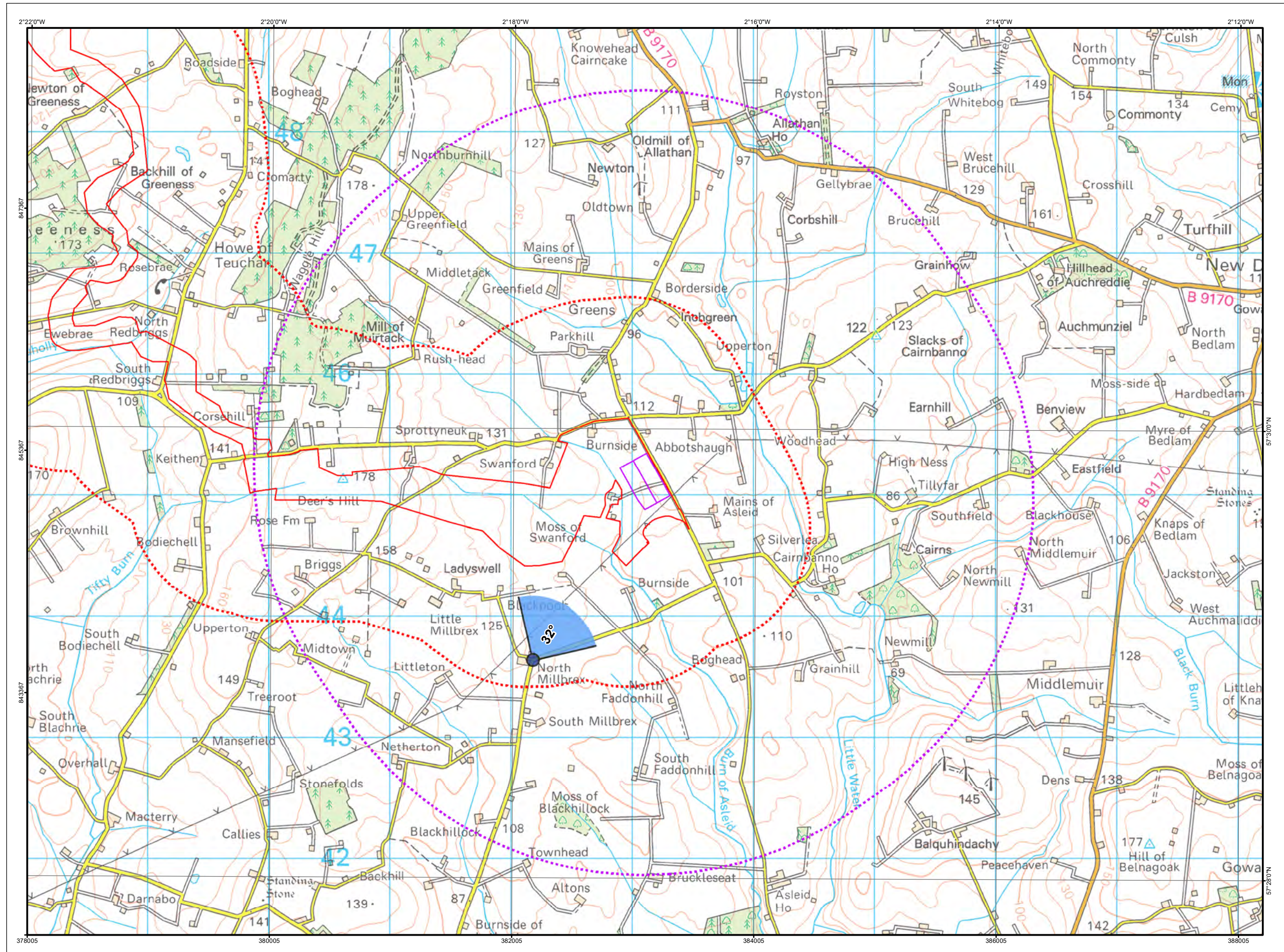
OS reference:	383604 E 844411 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	105.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	324°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	652 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 15:05:52



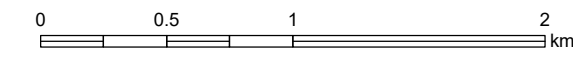
TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation with the Proposed Maximum Design Parameters of the Greens Substation

View flat at a comfortable arm's length

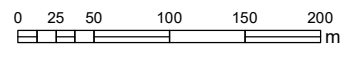
OS reference:	383604 E 844411 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	105.1 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	324°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	3021 m	Correct printed image size:	820 x 260 mm	Date and time:	31/10/2023, 15:05:52



90 Degree View
Scale: 1:30,000



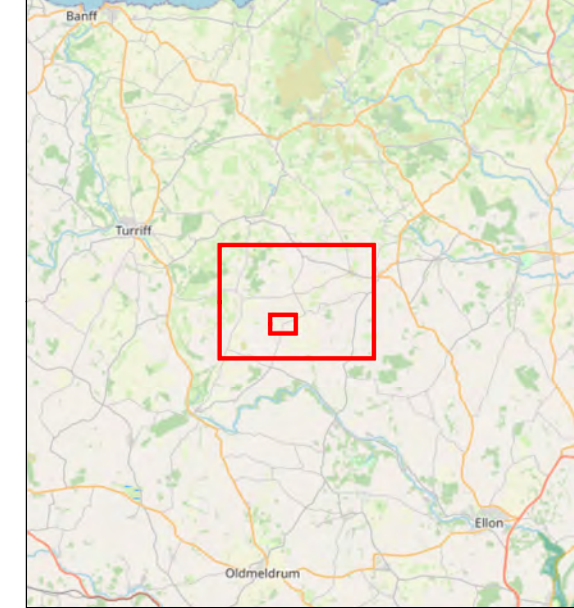
53.5 Degree View
Scale: 1:5,000



- Onshore Transmission Infrastructure
- Red Line Boundary
- - - Onshore Substations
- - - Onshore Transmission Infrastructure 1km Study Area
- - - Substation 3km Study Area
- ▲ 90 Degree Field of View
- ▲ 53.5 Degree Field of View

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04	14/05/2024	Approved	LA	LT	XX
03	13/05/2024	For Review	LA	LT	XX
02	23/04/2024	For Review	LA	LT	XX
01	17/04/2024	For Review	RA	LT	XX

CALEDONIA Offshore Wind Farm

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CONTRACTOR DRAWING NO: UKCAL1_OPN_WNF_ENV_LVA_MAP_00016_04
 GEODETIC PARAMETERS: OSGB36 / British National Grid (EPSG:27700)

Figure 4-16a
Viewpoint 6:
Minor Road Near North Millbex

STATUS	SCALE
Approved	
DRAWING NUMBER: N/A	SHEET NO: 06 of 09 REV: N/A



Baseline Photograph

This image provides landscape and visual context only



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

OS reference:	382180 E 843640 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	118.5 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	32°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	1546 m	Correct printed image size:	820 x 130 mm	Date and time:	331/10/2023, 14:35:44



Baseline Photograph

View flat at a comfortable arm's length

OS reference: 382180 E 843640 N	Horizontal field of view: 53.5° (planar projection)	Camera: Canon EOS 6D Mark II
Eye level: 118.5 m AOD	Principal distance: 812.5 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 32°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 1546 m	Correct printed image size: 820 x 260 mm	Date and time: 331/10/2023, 14:35:44

Figure: 4-16c
Viewpoint 6: Minor road near North Millbrex
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference: 382180 E 843640 N	Horizontal field of view: 53.5° (planar projection)	Camera: Canon EOS 6D Mark II
Eye level: 118.5 m AOD	Principal distance: 812.5 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 32°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 1546 m	Correct printed image size: 820 x 260 mm	Date and time: 331/10/2023, 14:35:44

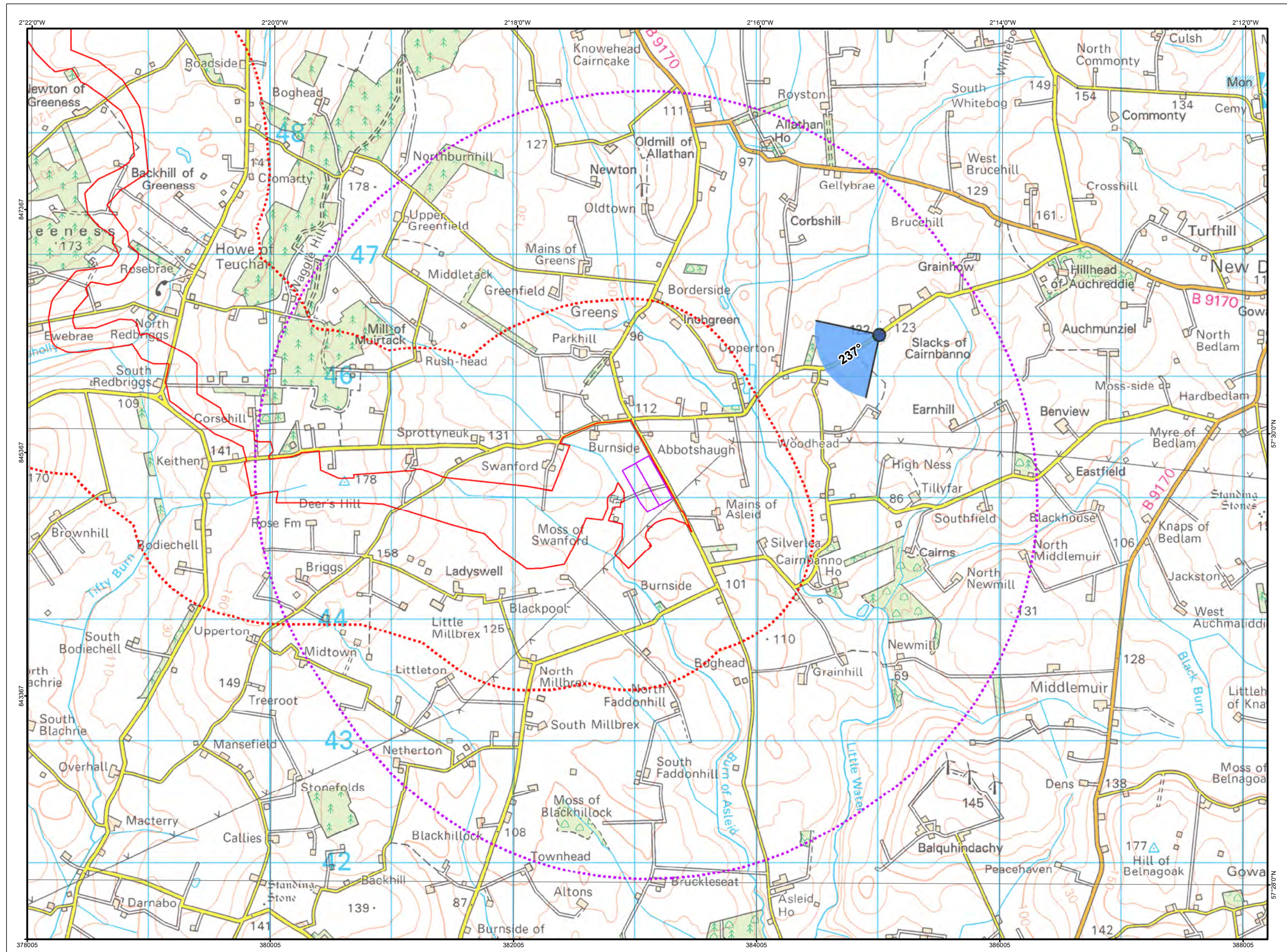


TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

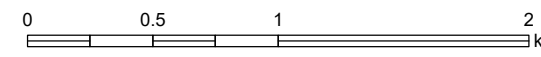
View flat at a comfortable arm's length

OS reference:	382180 E 843640 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	118.5 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	32°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	1546 m	Correct printed image size:	820 x 260 mm	Date and time:	331/10/2023, 14:35:44

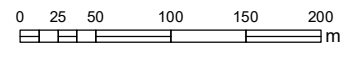
Figure: 4-16e
Viewpoint 6: Minor road near North Millbren
Caledonia Offshore Wind Farm
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90 Degree View
Scale:1:30,000



53.5 Degree View
Scale:1:5,000



▬ Onshore Transmission Infrastructure
▬ Red Line Boundary
 Onshore Substations
⋯ Onshore Transmission Infrastructure 1km Study Area
⋯ Substation 3km Study Area
▲ 90 Degree Field of View
▲ 53.5 Degree Field of View

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04	14/05/2024	Approved	LA	LT	XX
03	13/05/2024	For Review	LA	LT	XX
02	23/04/2024	For Review	LA	LT	XX
01	17/04/2024	For Review	RA	LT	XX
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

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CONTRACTOR DRAWING NO: UKCAL1_OPN_WNF_ENV_LVA_MAP_00017_04
 CONTRACTOR REV: 04
 GEODATUM PARAMETERS: OSGB36 / British National Grid (EPSG:27700)
 DRAWING TITLE: **Figure 4-17a**
Viewpoint 7:
Minor Road Near Slacks of Cairnbanno

STATUS: Approved	SCALE:
DRAWING NUMBER: N/A	SHEET NO: 07 of 09
	REV: N/A



Baseline Photograph

This image provides landscape and visual context only



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

OS reference:	385012 E 846337 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	123.2 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	237°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	2138 m	Correct printed image size:	820 x 130 mm	Date and time:	23/02/2024, 12:17:20



Baseline Photograph

View flat at a comfortable arm's length

OS reference: 385012 E 846337 N	Horizontal field of view: 53.5° (planar projection)	Camera: Canon EOS 6D Mark II
Eye level: 123.2 m AOD	Principal distance: 812.5 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 237°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 2138 m	Correct printed image size: 820 x 260 mm	Date and time: 23/02/2024, 12:17:20

Figure: 4-17c
Viewpoint 7: Minor road near Slacks of Cairnbanno
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference:	385012 E 846337 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	123.2 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	237°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	2138 m	Correct printed image size:	820 x 260 mm	Date and time:	23/02/2024, 12:17:20

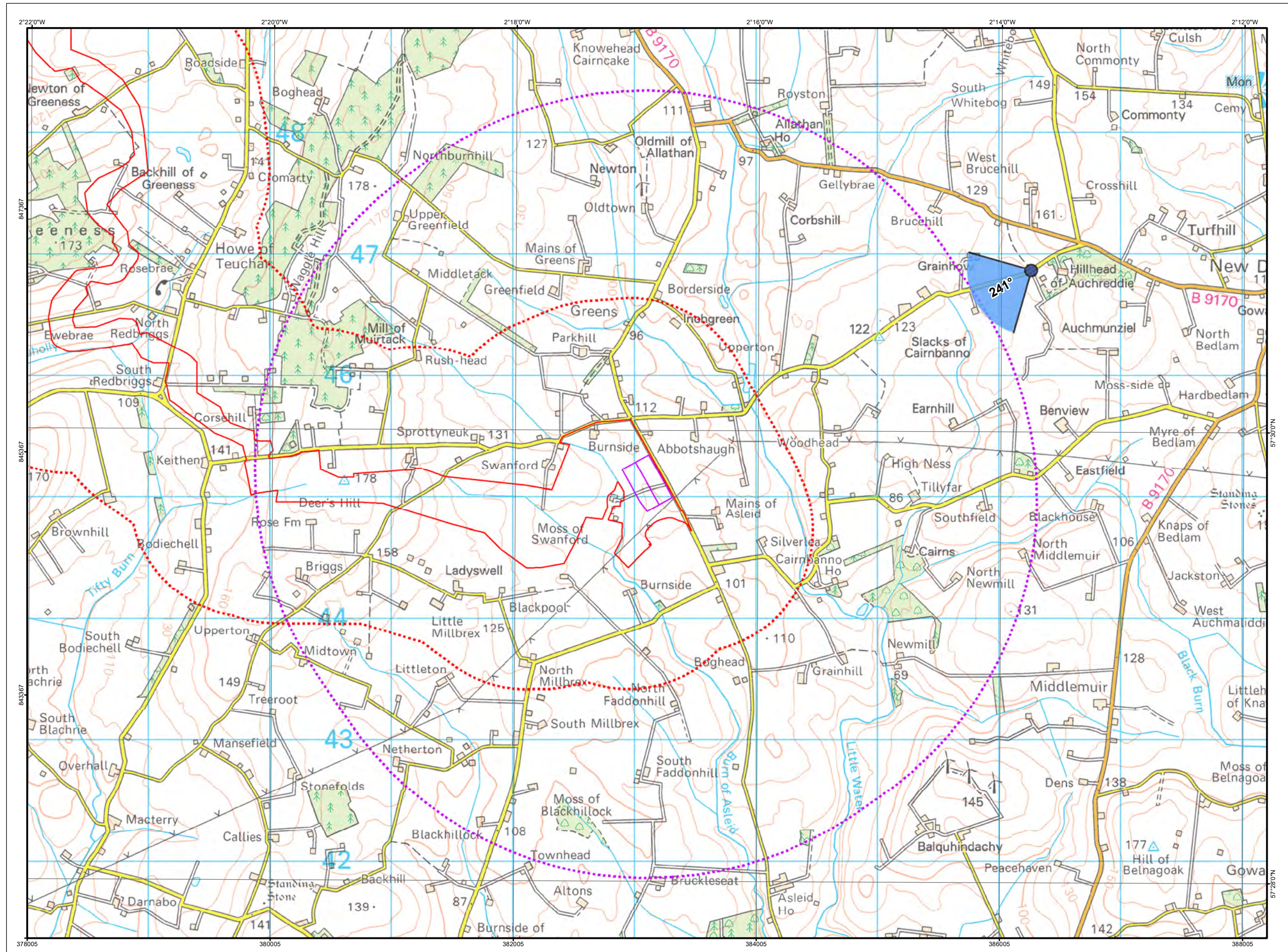
Figure: 4-17d
Viewpoint 7: Minor road near Slacks of Cairnbanno
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

View flat at a comfortable arm's length

OS reference:	385012 E 846337 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	123.2 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	237°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	2138 m	Correct printed image size:	820 x 260 mm	Date and time:	23/02/2024, 12:17:20



90 Degree View
Scale:1:30,000



53.5 Degree View
Scale:1:5,000

▭ Onshore Transmission Infrastructure
▭ Red Line Boundary
▭ Onshore Substations
⋯ Onshore Transmission Infrastructure 1km Study Area
⋯ Substation 3km Study Area
▲ 90 Degree Field of View
▲ 53.5 Degree Field of View

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03	13/05/2024	For Review	LA	LT	XX
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REV	DATE	DOC STATUS	ORIGN	REVIEW	APP

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CONTRACTORS ENVIRONMENTAL PART OF SLR

CONTRACTOR DRAWING NO: UKCAL1_OPN_WNF_ENV_LVA_MAP_00018_04
 CONTRACTOR REV: 04
 GEOSID PARAMETER: OSGB36 / British National Grid (EPSG:27700)
 DRAWING TITLE: **Figure 4-18a**
Viewpoint 8:
Minor Road Near Hillhead of Auchreddie

STATUS: Approved
 DRAWING NUMBER: N/A
 SCALE: 1:5,000
 SHEET NO: 08 of 09
 REV: N/A



Baseline Photograph

This image provides landscape and visual context only



TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

OS reference:	386265 E 846861 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	133.3 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	241°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	3488 m	Correct printed image size:	820 x 130 mm	Date and time:	23/02/2024, 12:04:26



Baseline Photograph

View flat at a comfortable arm's length

OS reference: 386265 E 846861 N	Horizontal field of view: 53.5° (planar projection)	Camera: Canon EOS 6D Mark II
Eye level: 133.3 m AOD	Principal distance: 812.5 mm	Lens: Canon EF 50mm f/1.4
Direction of view: 241°	Paper size: 841 x 297 mm (half A1)	Camera height: 1.5 m
Distance to site: 3488 m	Correct printed image size: 820 x 260 mm	Date and time: 23/02/2024, 12:04:26

Figure: 4-18c
Viewpoint 8: Minor Road near Hillhead of Auchreddie
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TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 1 of Operation

View flat at a comfortable arm's length

OS reference:	386265 E 846861 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	133.3 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	241°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	3488 m	Correct printed image size:	820 x 260 mm	Date and time:	23/02/2024, 12:04:26

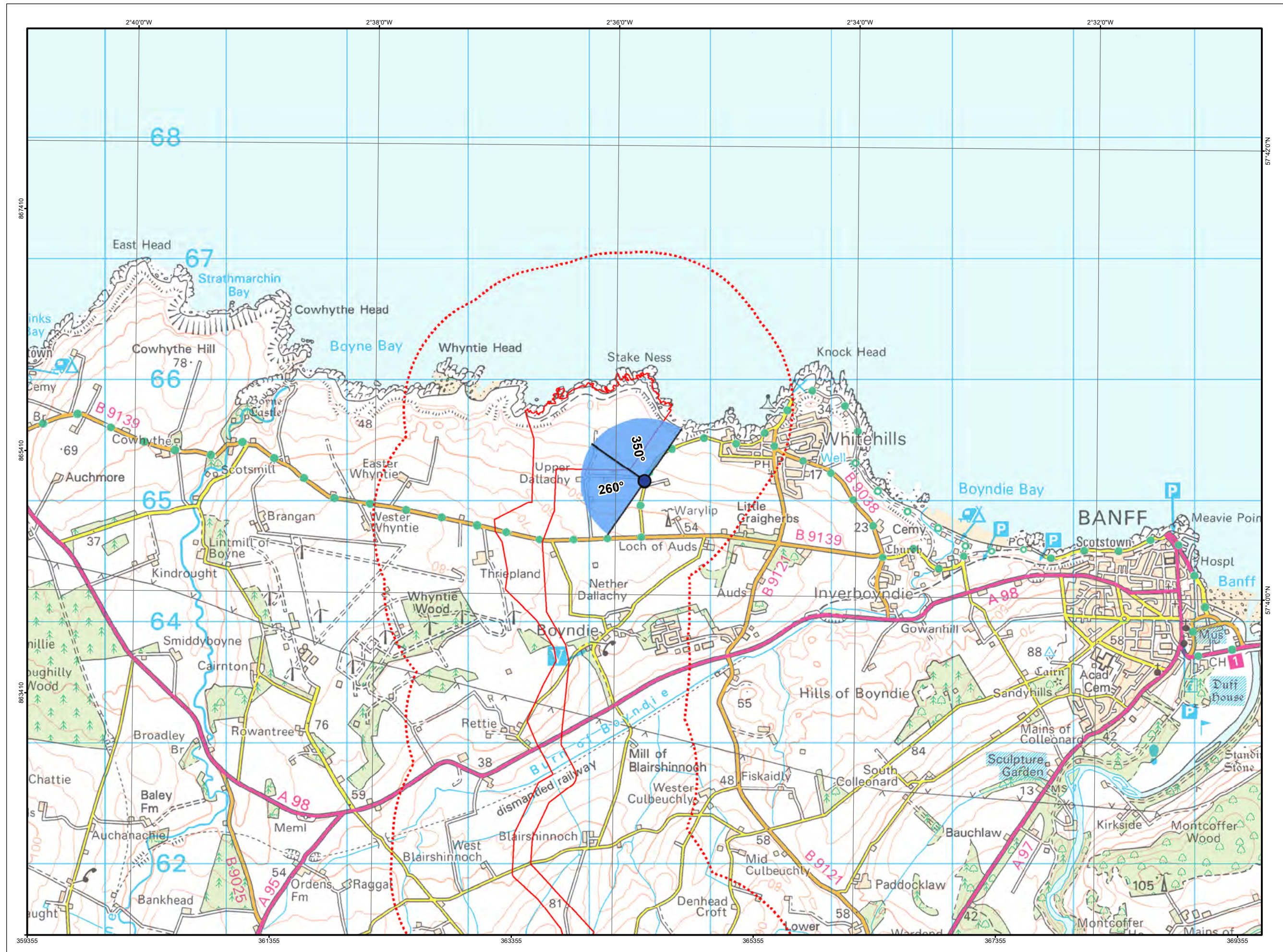


TYPE 4 Visualisation – Photomontage Showing Maximum Design Parameters and Illustrative Layout of Proposed Development (Onshore) at Year 15 of Operation

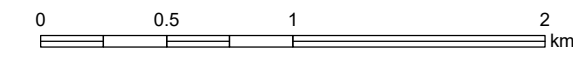
View flat at a comfortable arm's length

OS reference:	386265 E 846861 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 6D Mark II
Eye level:	133.3 m AOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	241°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	3488 m	Correct printed image size:	820 x 260 mm	Date and time:	23/02/2024, 12:04:26

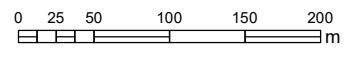
Figure: 4-18e
Viewpoint 8: Minor Road near Hillhead of Auchreddie
Caledonia Offshore Wind Farm
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90 Degree View
Scale: 1:30,000



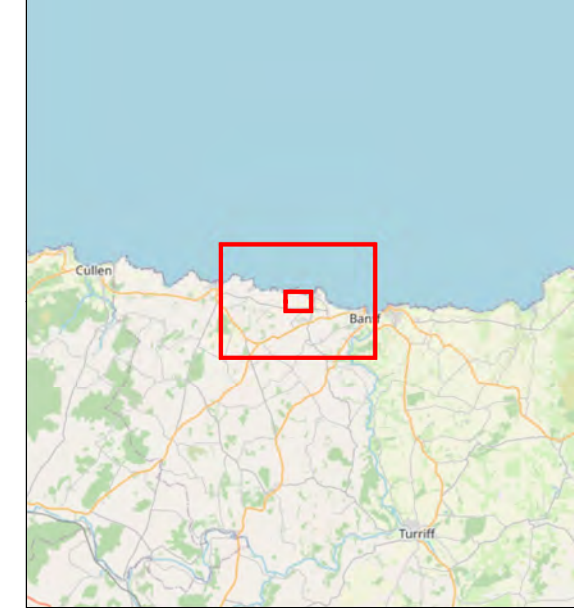
53.5 Degree View
Scale: 1:5,000



- ▭ Onshore Transmission Infrastructure
- ▭ Red Line Boundary
- ⋯ Onshore Transmission Infrastructure 1km Study Area
- ◡ 90 Degree Field of View
- No 53.5 Degree Field of View

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01	17/04/2024	For Review	RA	LT	XX

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CONTRACTOR DRAWING NO: UKCAL1_OPN_WNF_ENV_LVA_MAP_00019 04 CONTRACTOR REV: 04
 GEODETIC PARAMETERS: OSGB36 / British National Grid (EPSG:27700)

DRAWING TITLE: **Figure 4-19a Viewpoint: Landfall**

STATUS	SCALE
Approved	
DRAWING NUMBER: N/A	SHEET NO: 09 of 09 REV: N/A



Baseline Photograph

This image provides landscape and visual context only



Photomontage Indicating Area Within Onshore Transmission Infrastructure Red Line Boundary with Transparent Yellow Overlay

OS reference:	364456 E 865155 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	38.94 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	260°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	n/a	Correct printed image size:	820 x 130 mm	Date and time:	19/03/2024 16:49

Figure: 4.19b

Viewpoint: Landfall



Baseline Photograph

This image provides landscape and visual context only



Photomontage Indicating Area Within Onshore Transmission Infrastructure Red Line Boundary with Transparent Yellow Overlay

OS reference:	364456 E 865155 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D Mark II
Eye level:	38.94 m AOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	350°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Distance to site:	n/a	Correct printed image size:	820 x 130 mm	Date and time:	19/03/2024 16:49

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