



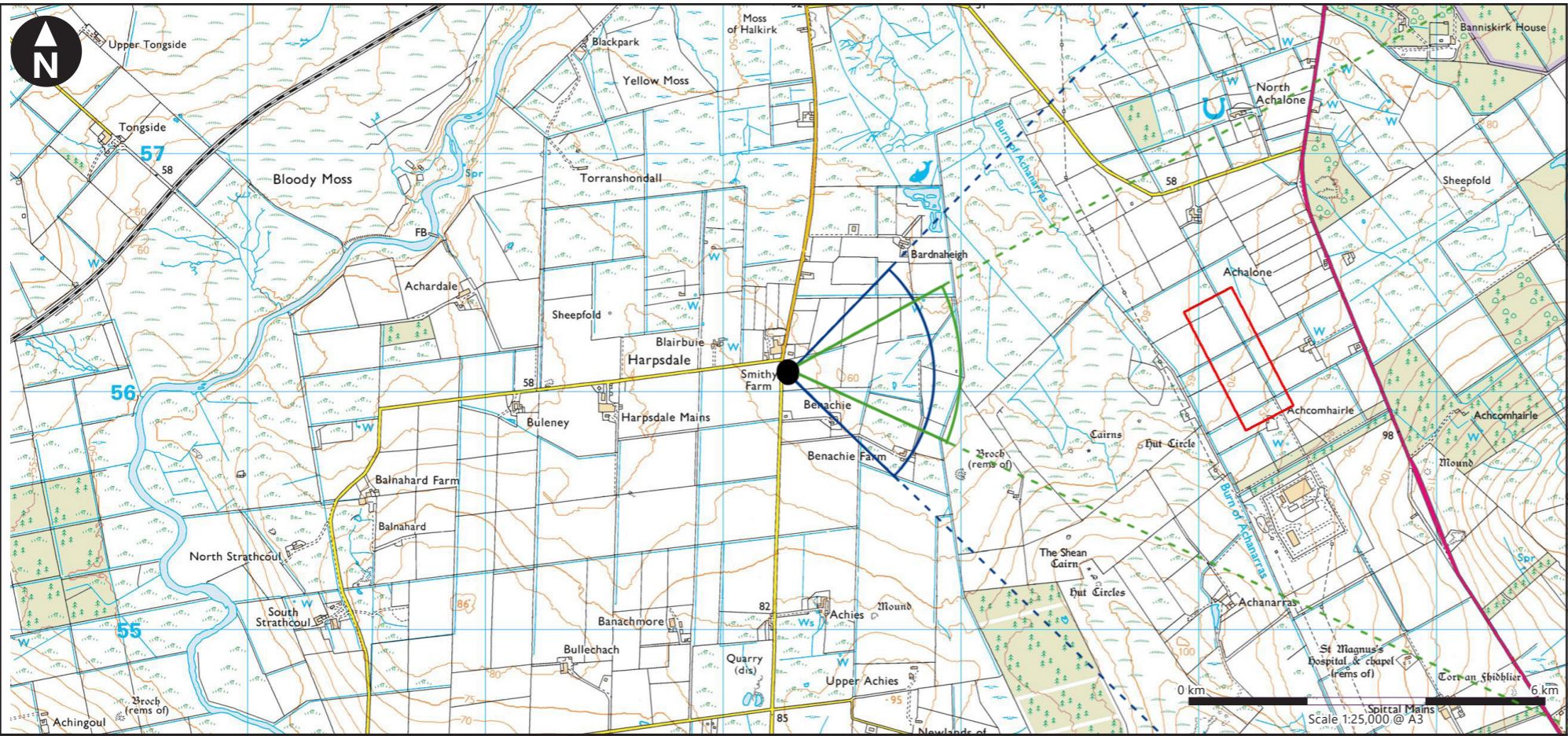
Offshore Wind Power Limited

West of Orkney Onshore EIA Report

Volume 2, Supporting Study 18: LVIA Visualisations (NatureScot)

WO1-WOW-CON-EV-RP-0118: Approved by S.Kerr
Document Control 20/10/2023

ASSIGNMENT L100632-S06
DOCUMENT L-100632-S06-A-REPT-020



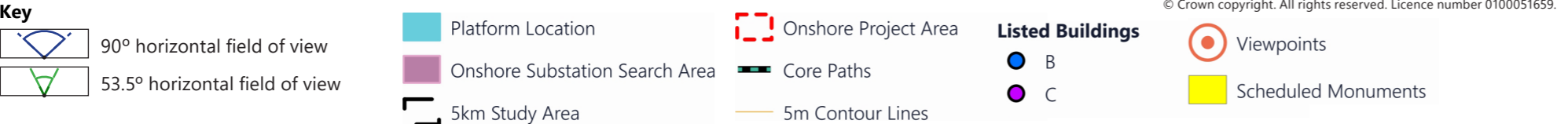
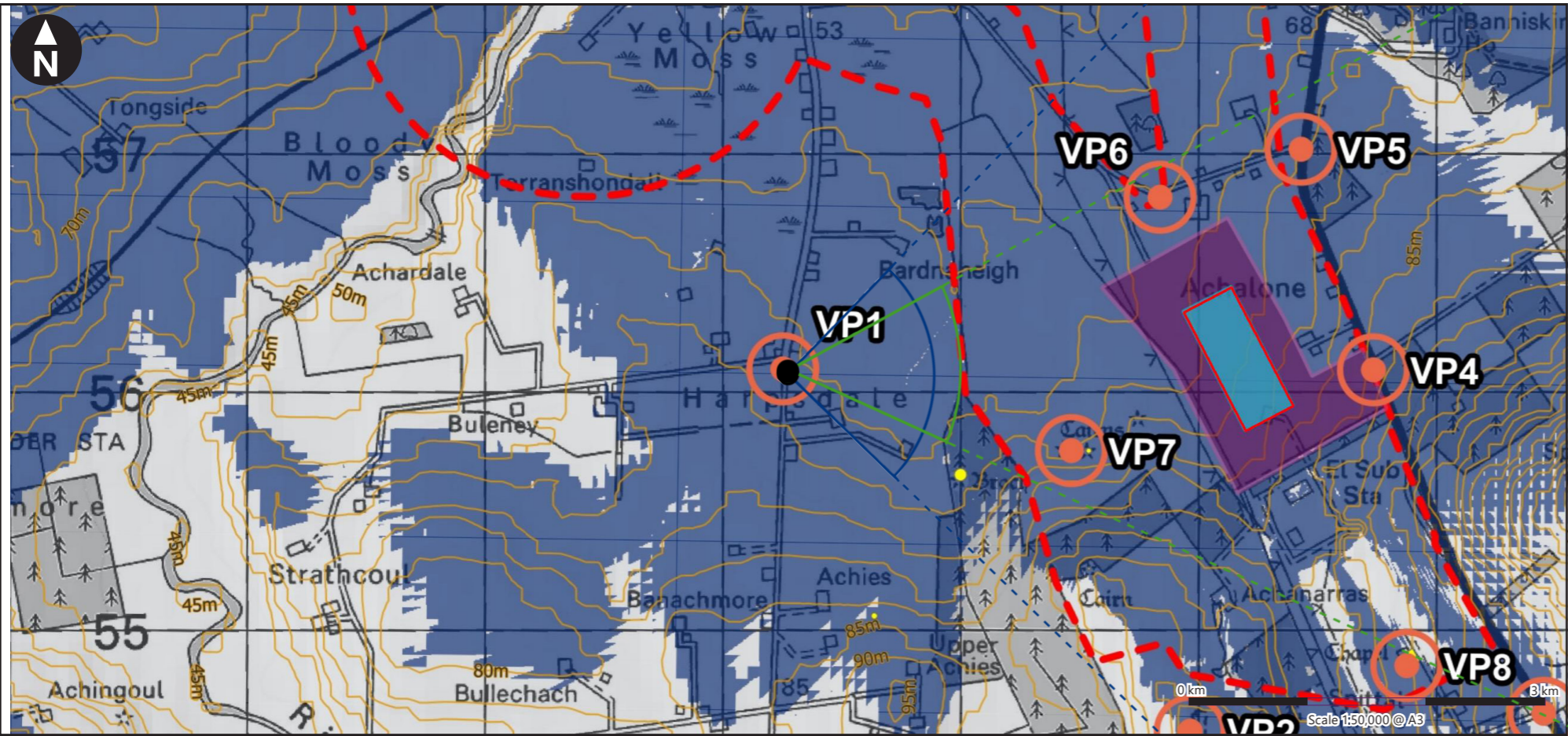
Viewpoint Parameters

OS reference: E313251, N956097
Ground Level Elevation: 62.2 m AOD
Camera Height: 1.5 m AGL
Direction of view to site centre: 89
Distance to The Site: 1,702 m
Date and time of viewpoint photography: 07/02/2023 13:16
Camera: Canon 5D Mark IV
Lens: Canon EF 50mm f/1.8

Information on the limitations of visualisations:

Visualisations have a number of limitations which you should be aware of when using them to form a judgement on the onshore substation. These include:

- The images provided give a reasonable impression of the scale of the onshore substation and the distance to the onshore substation, but can never be 100% accurate;
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- To form the best impression of the impacts of the onshore substation proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.



Additional notes:

1. This figure has been based on the Landscape Mitigation Plan which establishes the following parameters:
 - Indicative Development Platform is set at 70m AOD.
 - A maximum development height of 13.5m from AIS scenario.
2. Direction given as bearing relative to Grid North (BNG).
3. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

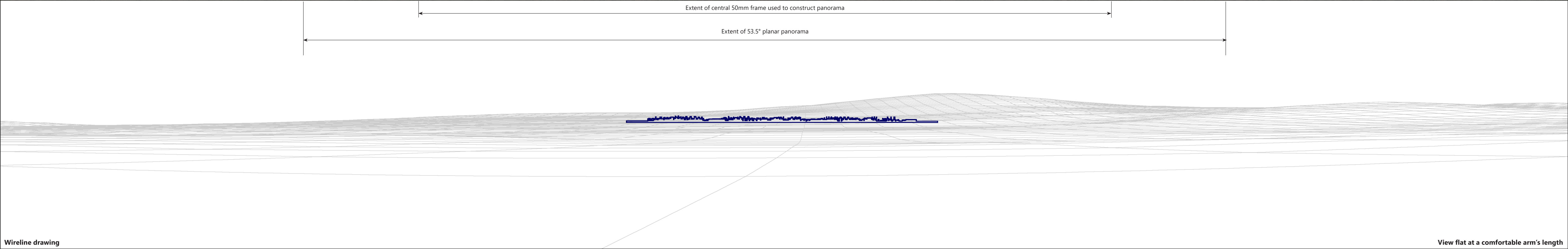
Client



Spittal Substation
EIA Report

Figure 17-VP1a
Viewpoint 1: Harpsdale, Bridge Street
Location Plan

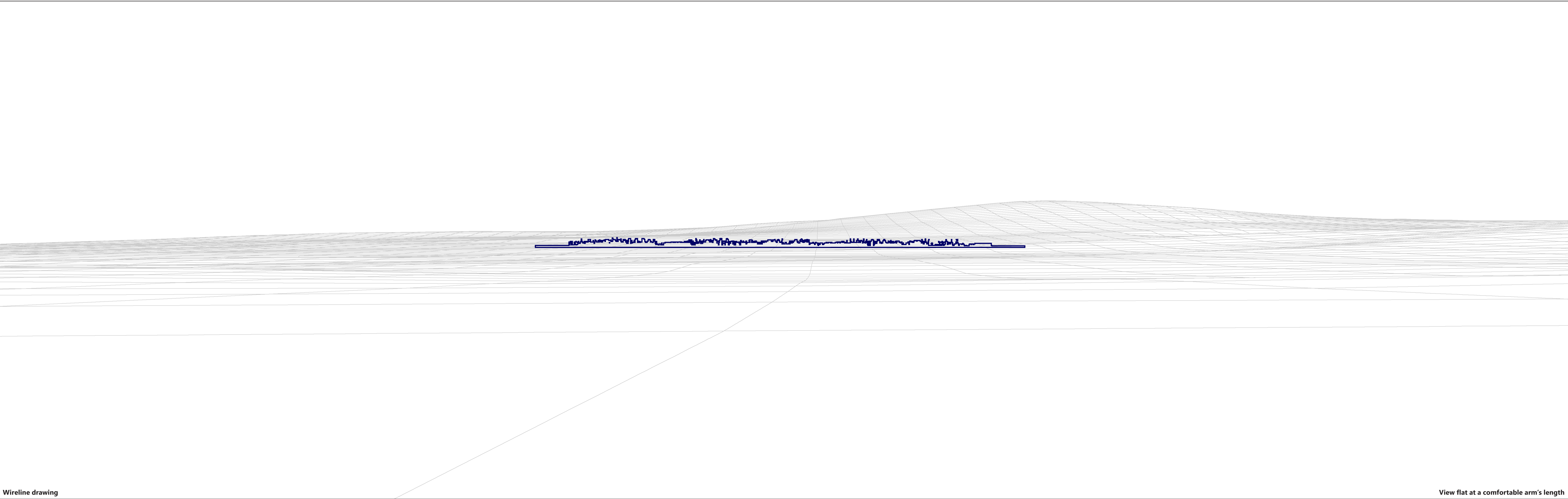
September 2023





OS reference:	E314964, N954576	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon 5D Mark IV	<div>Client</div> 	<div>Spittal Substation EIA Report</div>	<div>Figure 17-VP1b Viewpoint 1: Harpsdale, Bridge Street Existing View and Wireline - 90°</div>	<div>September 2023</div> 
Eye level:	113.5 m AOD	Principal distance:	522mm	Lens:	Canon EF 50mm f/1.8				
Direction of view:	7	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
Distance to Site :	1,284 m	Correct printed image size:	820 x 130mm	Date and time:	06/02/2023 14:58				

\\uk.wspgroup.com\central_data\Projects\70590xx\70590532 - ScotWind Project\Wireline\03 WIP Onshore Visualisations\2023-07-14 - Updated Figures\02 DRAWINGS\VP1 NS Harpsdale_south of The Site 70102843-108-FG-SA-00001_R2.indd Originator: wilc03



Wireline drawing

View flat at a comfortable arm's length

OS reference:	E314964, N954576	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV
Eye level:	113.5 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8
Direction of view:	7	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	1,284 m	Correct printed image size:	820 x 260mm	Date and time:	06/02/2023 14:58

Client





Spittal Substation
EIA Report

Figure 17-VP1c
Viewpoint 1: Harpsdale, Bridge Street
Wireline - 53.5°

September 2023

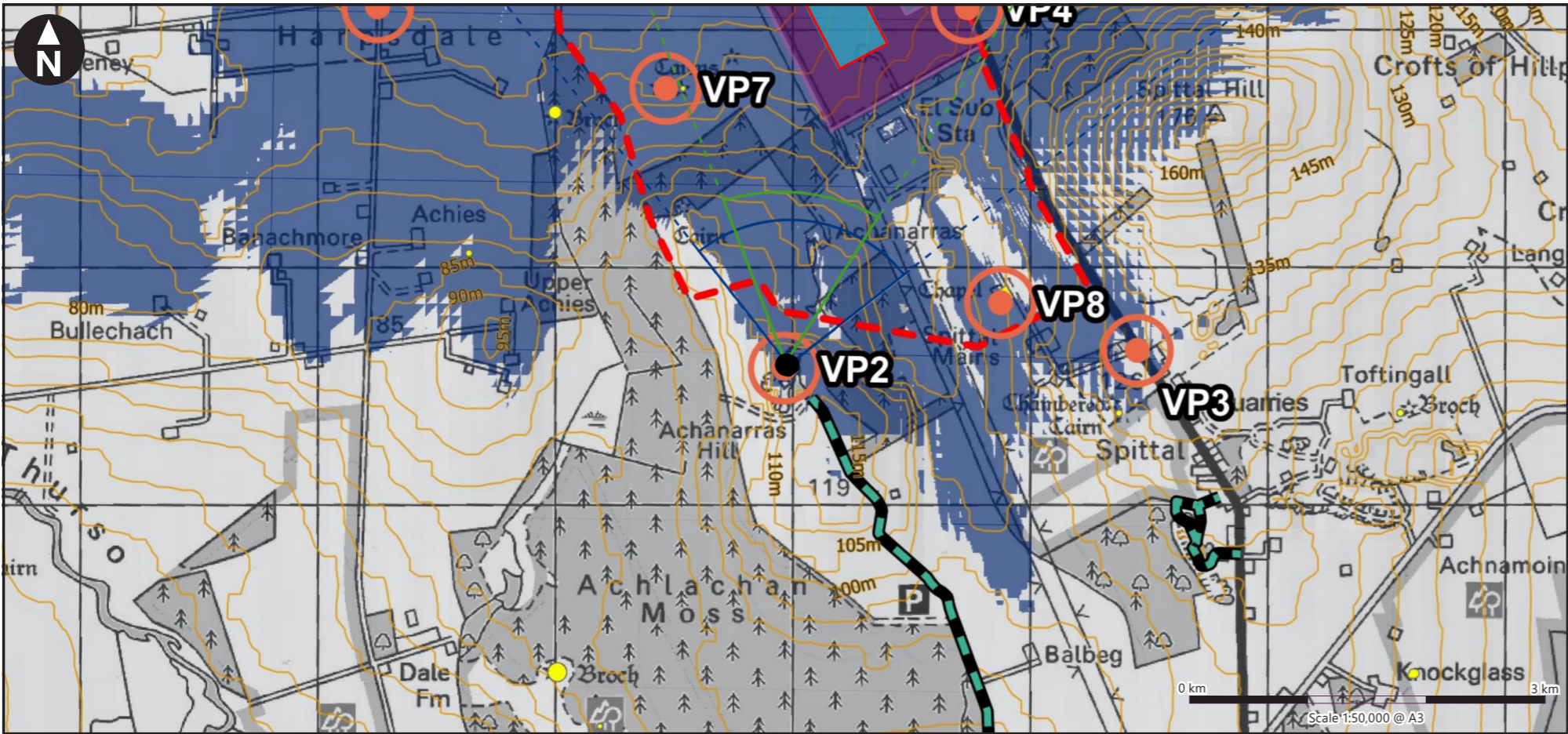
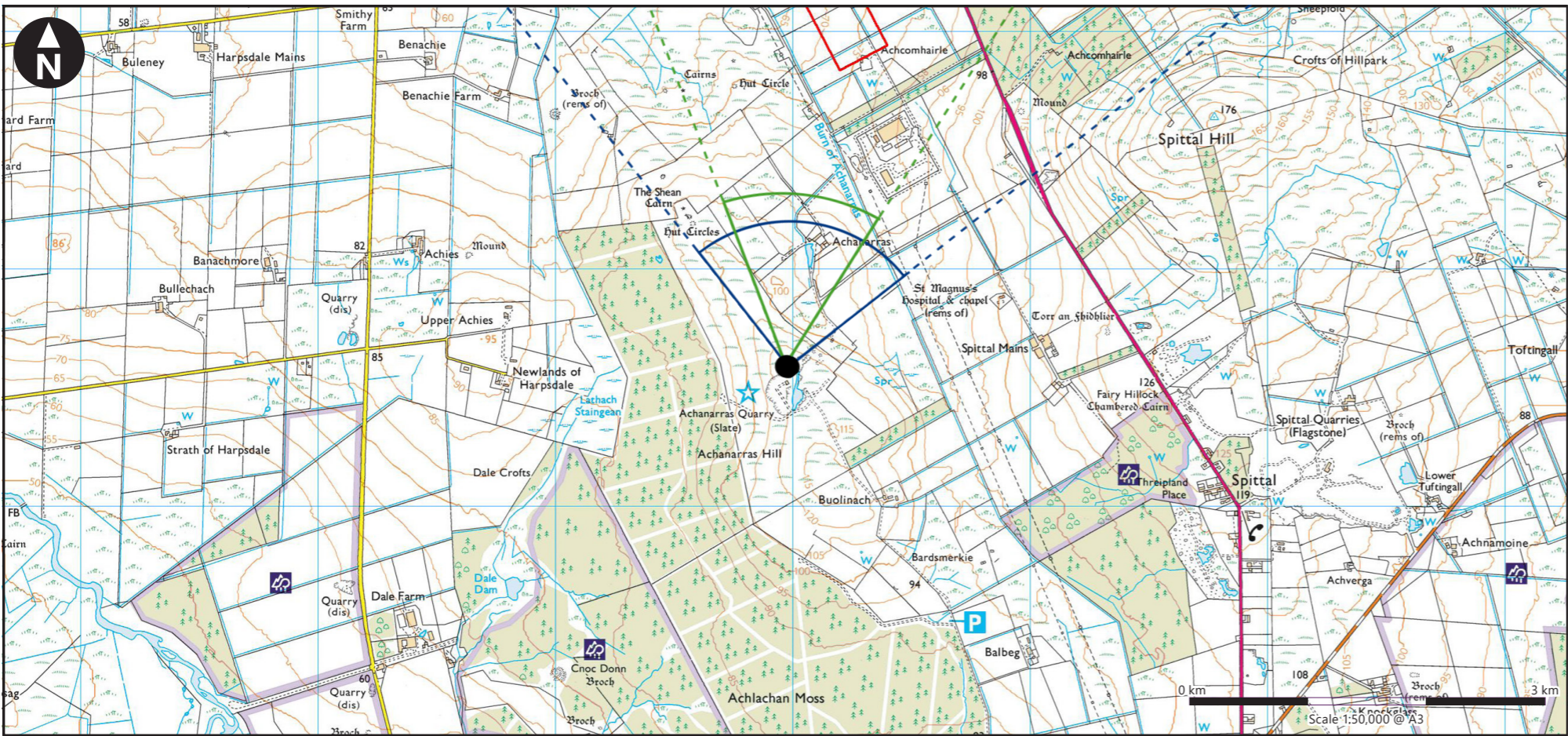


View flat at a comfortable arm's length

OS reference:	E313251, N956097	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV	<div>Client</div> 	<div>Spittal Substation EIA Report</div>	<div>Figure 17-VP1d Viewpoint 1: Harpsdale, Bridge Street Year 1 Visualisation</div>	<div>September 2023</div> 
Eye level:	62.2 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8				
Direction of view:	89	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
Distance to Site :	1,702 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 13:16				

View flat at a comfortable arm's length

OS reference:	E313251, N956097	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV		Client Spittal Substation EIA Report	Figure 17-VP1e Viewpoint 1: Harpsdale, Bridge Street Year 15 Visualisation	
Eye level:	62.2 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8				
Direction of view:	89	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
Distance to Site :	1,702 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 13:16				



Viewpoint Parameters

OS reference: E314964, N954576
Ground Level Elevation: 113.5 m AOD
Camera Height: 1.5 m AGL
Direction of view to site centre: 7
Distance to The Site: 1,284 m
Date and time of viewpoint photography: 06/02/2023 14:58
Camera: Canon 5D Mark IV
Lens: Canon EF 50mm f/1.8

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- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

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- Direction given as bearing relative to Grid North (BNG).
- This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Spittal Substation
EIA Report

Figure 17-VP2a
Viewpoint 2: Achanarras Quarry,
Caithness
Location Plan

September 2023

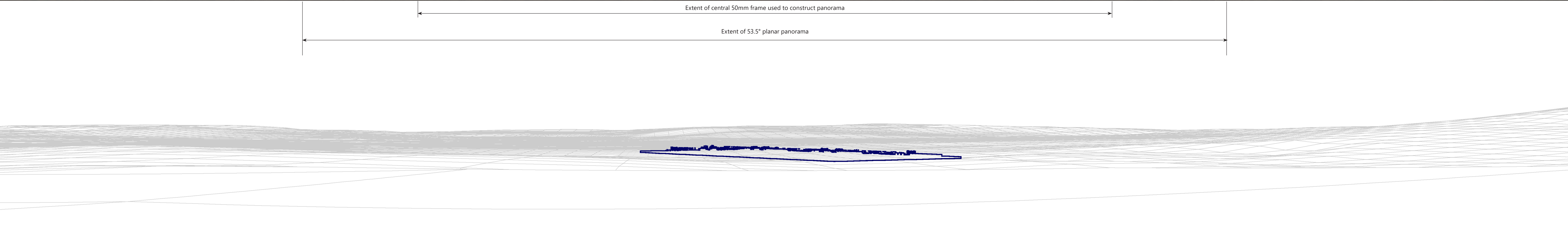


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Originator: wils03



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

OS reference:	E314964, N954576	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon 5D Mark IV
Eye level:	113.5 m AOD	Principal distance:	522mm	Lens:	Canon EF 50mm f/1.8
Direction of view:	7	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	1,284 m	Correct printed image size:	820 x 130mm	Date and time:	06/02/2023 14:58

Client



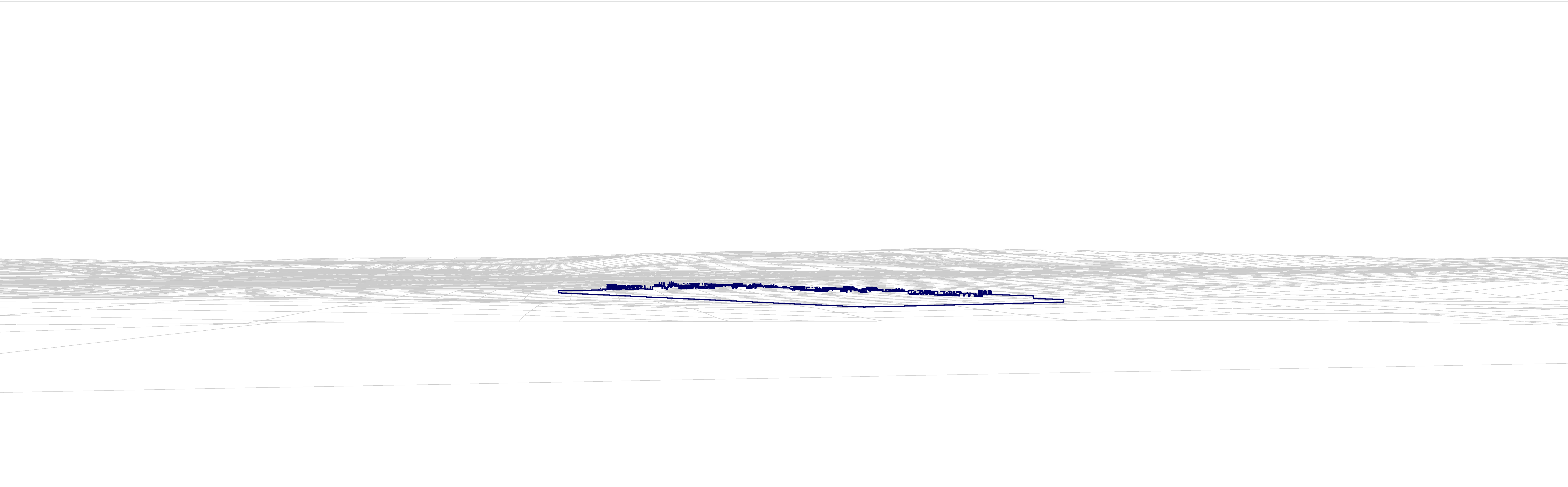
Spittal Substation
EIA Report



Figure 17-VP2b
Viewpoint 2: Achanarras Quarry,
Caithness
Existing View and Wireline - 90°

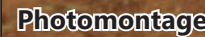
September 2023



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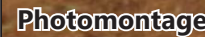


Wireline drawing			View flat at a comfortable arm's length									
OS reference:	E314964, N954576	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV	<div>Client</div> <div></div>	Spittal Substation EIA Report	<div>Figure 17-VP2c Viewpoint 2: Achanarras Quarry, Caithness Wireline - 53.5°</div>	<div>September 2023</div> <div></div>			
Eye level:	113.5 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8							
Direction of view:	7	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL							
Distance to Site :	1,284 m	Correct printed image size:	820 x 260mm	Date and time:	06/02/2023 14:58							



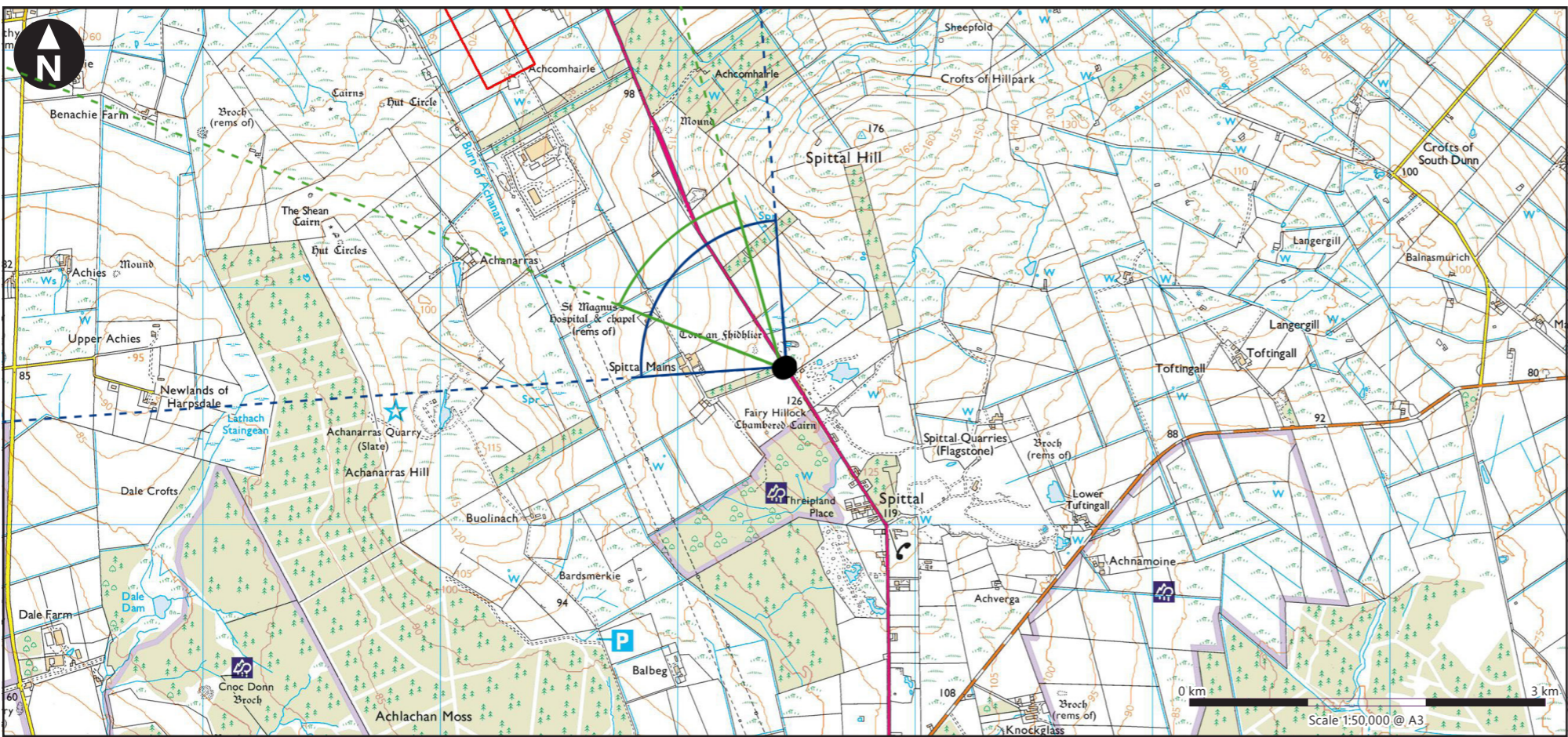
View flat at a comfortable arm's length

OS reference:	E314964, N954576	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV		Spittal Substation EIA Report	Figure 17-VP2d Viewpoint 2: Achanarras Quarry, Caithness Year 1 Visualisation	September 2023	
Eye level:	113.5 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8					
Direction of view:	7	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
Distance to Site :	1,284 m	Correct printed image size:	820 x 260mm	Date and time:	06/02/2023 14:58					



View flat at a comfortable arm's length

OS reference:	E314964, N954576	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV		Spittal Substation EIA Report	Figure 17-VP2e Viewpoint 2: Achanarras Quarry, Caithness Year 15 Visualisation	September 2023	
Eye level:	113.5 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8					
Direction of view:	7	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
Distance to Site :	1,284 m	Correct printed image size:	820 x 260mm	Date and time:	06/02/2023 14:58					



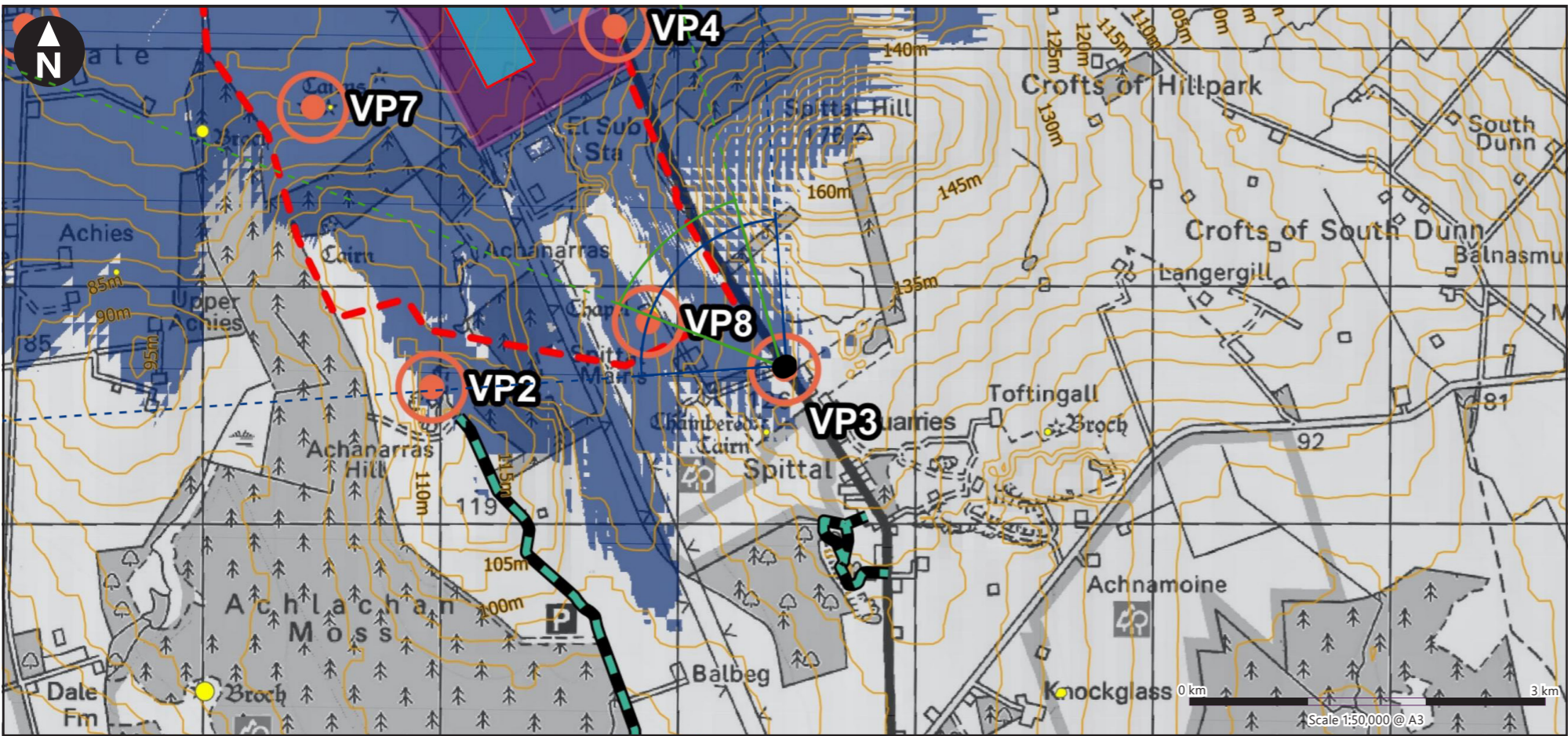
Viewpoint Parameters

OS reference: E316450, N954650
Ground Level Elevation: 124.6 m AOD
Camera Height: 1.5 m AGL
Direction of view to site centre: 319
Distance to The Site: 1,669 m
Date and time of viewpoint photography: 07/02/2023 12:39
Camera: Canon 5D Mark IV
Lens: Canon EF 50mm f/1.8

Information on the limitations of visualisations:

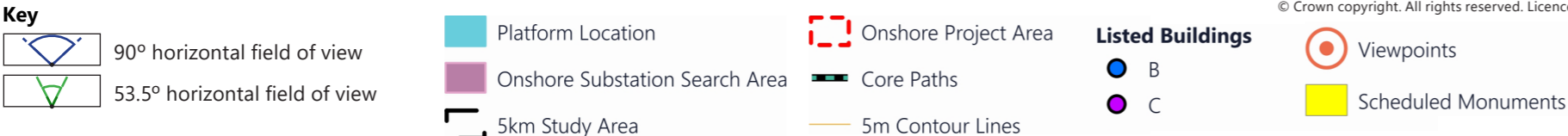
Visualisations have a number of limitations which you should be aware of when using them to form a judgement on the onshore substation. These include:

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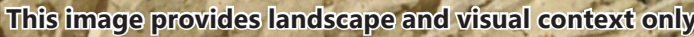


Additional notes:

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Client	
Spittal Substation EIA Report	
Figure 17-VP3a Viewpoint 3: A9, Spittal, at entrance to Spittal Mains Farm Location Plan	
September 2023	



Extent of 53.5° planar panorama



OS reference:	E316450, N954650	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon 5D Mark IV
Eye level:	124.6 m AOD	Principal distance:	522mm	Lens:	Canon EF 50mm f/1.8
Direction of view:	319	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	1,669 m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 12:39



West of Orkney
Windfarm

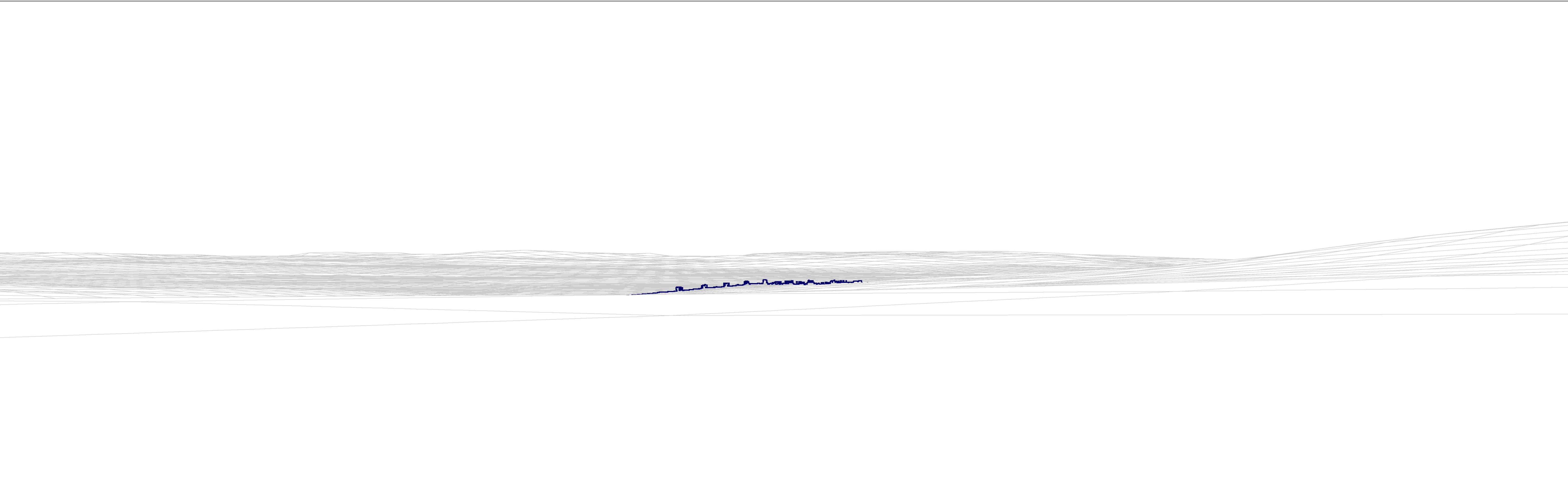
Spittal Substation
EIA Report

Figure 17-VP3b
Viewpoint 3: A9, Spittal, at entrance to
Spittal Mains Farm
Existing View and Wireline - 90°

September 2023



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Wireline drawing

View flat at a comfortable arm's length

OS reference:	E316450, N954650	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV
Eye level:	124.6 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8
Direction of view:	319	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	1,669 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 12:39

Client

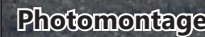


Spittal Substation
EIA Report

Figure 17-VP3c
Viewpoint 3: A9, Spittal, at entrance to
Spittal Mains Farm
Wireline - 53.5°

September 2023





View flat at a comfortable arm's length

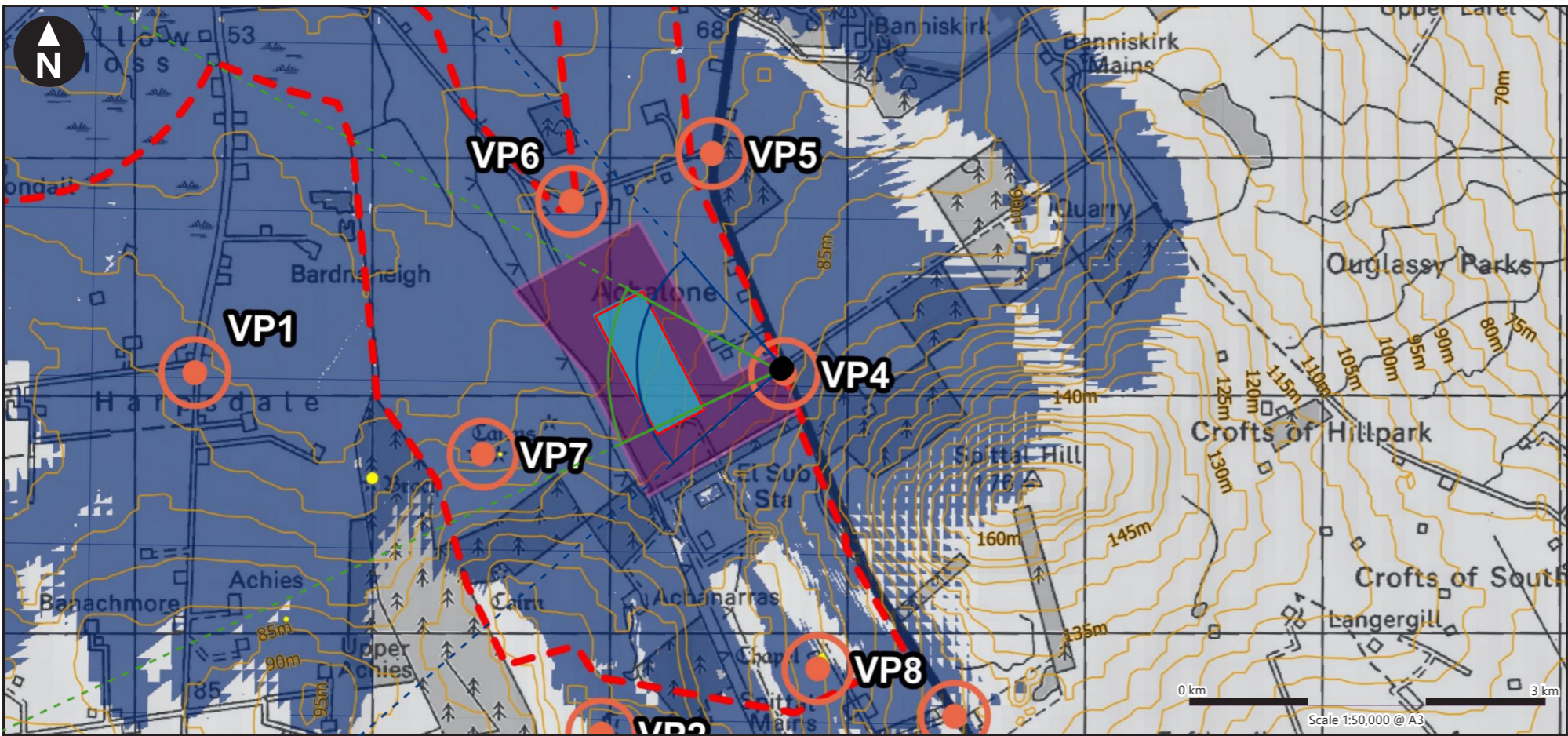
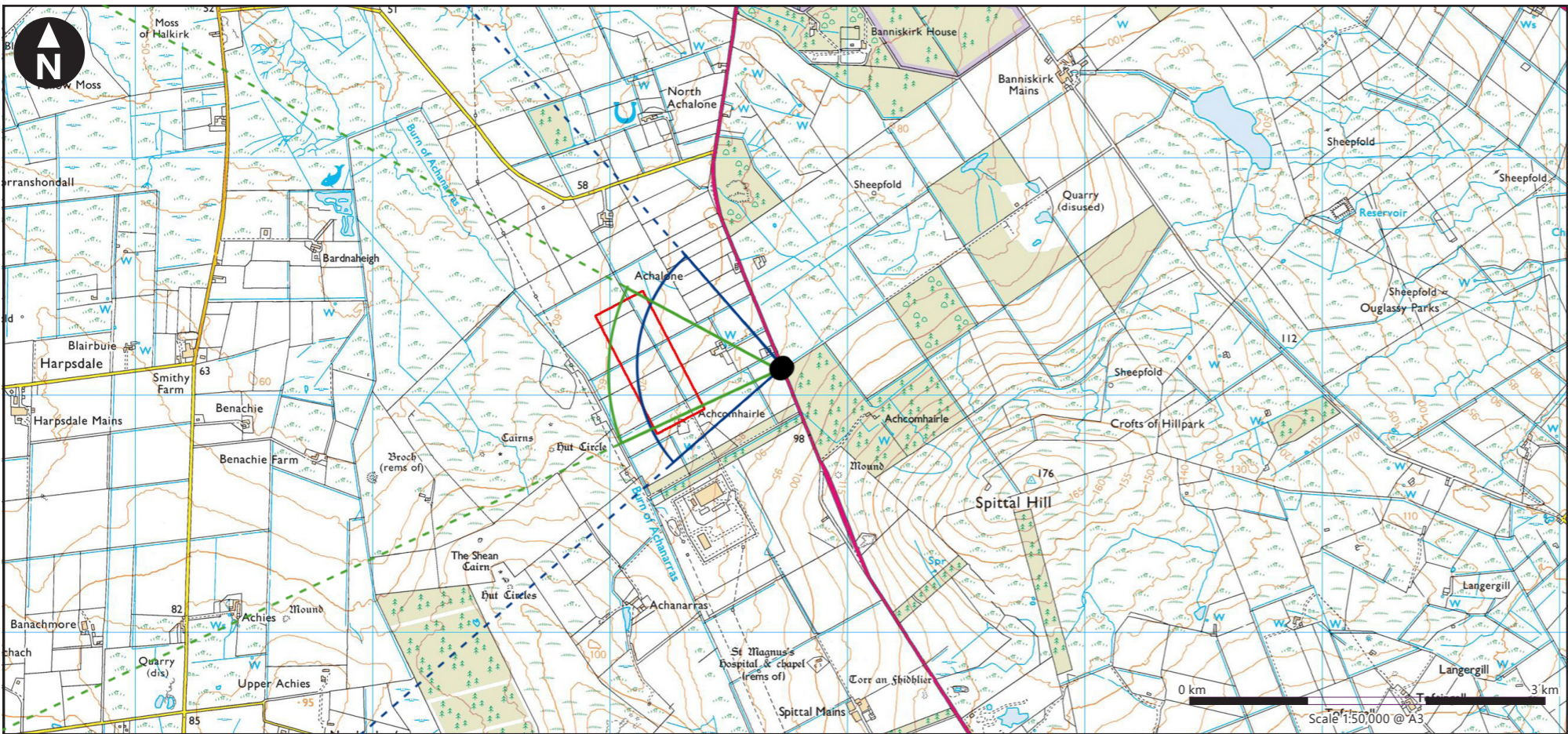
OS reference:	E316450, N954650	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV		Spittal Substation EIA Report	Figure 17-VP3d Viewpoint 3: A9, Spittal, at entrance to Spittal Mains Farm Year 1 Visualisation	September 2023	
Eye level:	124.6 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8					
Direction of view:	319	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
Distance to Site :	1,669 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 12:39					



View flat at a comfortable arm's length

OS reference:	E316450, N954650	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV		Spittal Substation EIA Report	Figure 17-VP3e Viewpoint 3: A9, Spittal, at entrance to Spittal Mains Farm Year 15 Visualisation	September 2023	
Eye level:	124.6 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8					
Direction of view:	319	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
Distance to Site :	1,669 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 12:39					

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Viewpoint Parameters

OS reference: E315736, N956110
Ground Level Elevation: 87.2 m AOD
Camera Height: 1.5 m AGL
Direction of view to site centre: 273
Distance to The Site: 379 m
Date and time of viewpoint photography: 23/03/2023 10:56
Camera: Sony Alpha 7R III
Lens: Sony FE 50mm F1.8

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3. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client	
Spittal Substation EIA Report	
Figure 17-VP4a Viewpoint 4: A9, Spittal, at Road to Quarry Location Plan	
September 2023	

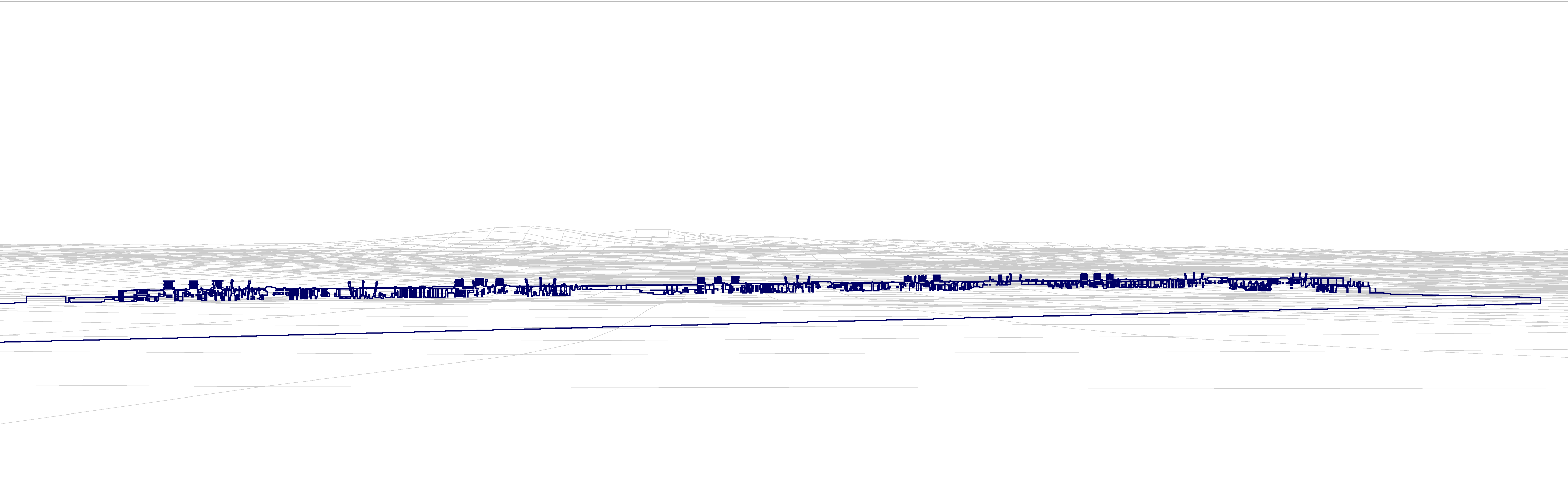
This image provides landscape and visual context only



View flat at a comfortable arm's length

OS reference:	E315736, N956110	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III	<div>Client</div> 	<div>Spittal Substation EIA Report</div>	<div>Figure 17-VP4b Viewpoint 4: A9, Spittal, at Road to Quarry Existing View and Wireline - 90°</div>	<div>September 2023</div> 
Eye level:	87.2 m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.8				
Direction of view:	273	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
Distance to Site :	379 m	Correct printed image size:	820 x 130mm	Date and time:	23/03/2023 10:56				

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Wireline drawing

View flat at a comfortable arm's length

OS reference:	E315736, N956110	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	87.2 m AOD	Principal distance:	812.5mm	Lens:	Sony FE 50mm F1.8
Direction of view:	273	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	379 m	Correct printed image size:	820 x 260mm	Date and time:	23/03/2023 10:56

Client



Spittal Substation
EIA Report

Figure 17-VP4c
Viewpoint 4: A9, Spittal, at Road to
Quarry
Wireline - 53.5°

September 2023



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Photomontage

View flat at a comfortable arm's length

OS reference:	E315736, N956110	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III	<div>Client</div> <div></div>	<div>Spittal Substation EIA Report</div>	<div>Figure 17-VP4d Viewpoint 4: A9, Spittal, at Road to Quarry Year 1 Visualisation</div>	<div></div>
Eye level:	87.2 m AOD	Principal distance:	812.5mm	Lens:	Sony FE 50mm F1.8				
Direction of view:	273	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
Distance to Site :	379 m	Correct printed image size:	820 x 260mm	Date and time:	23/03/2023 10:56				

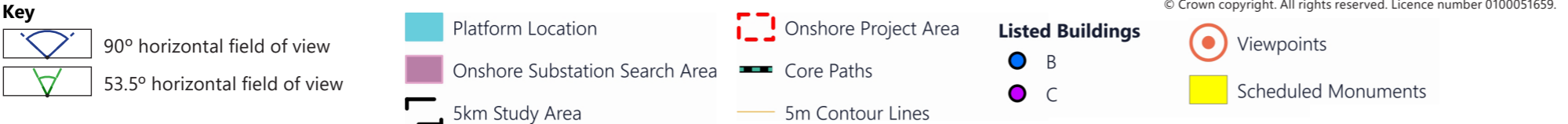
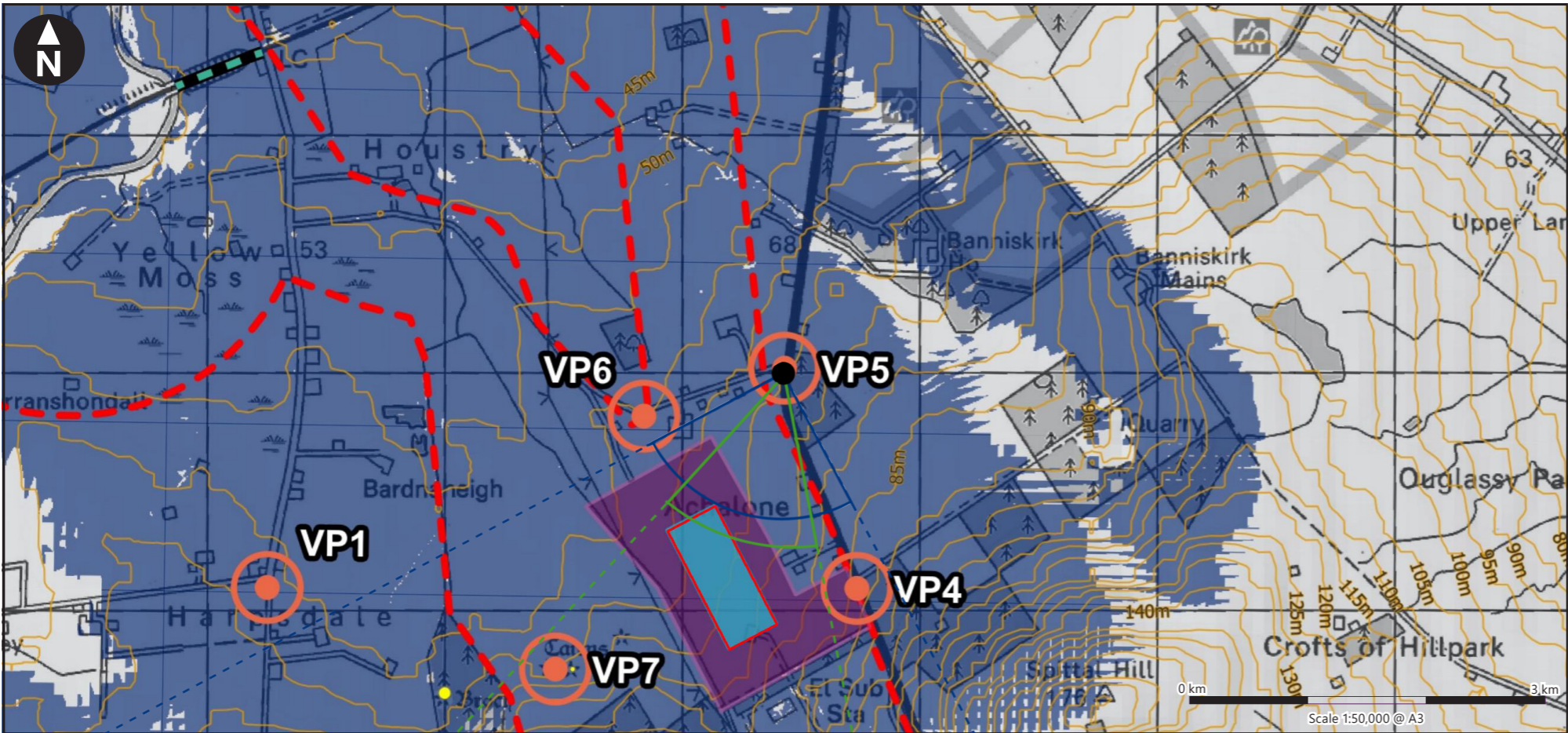
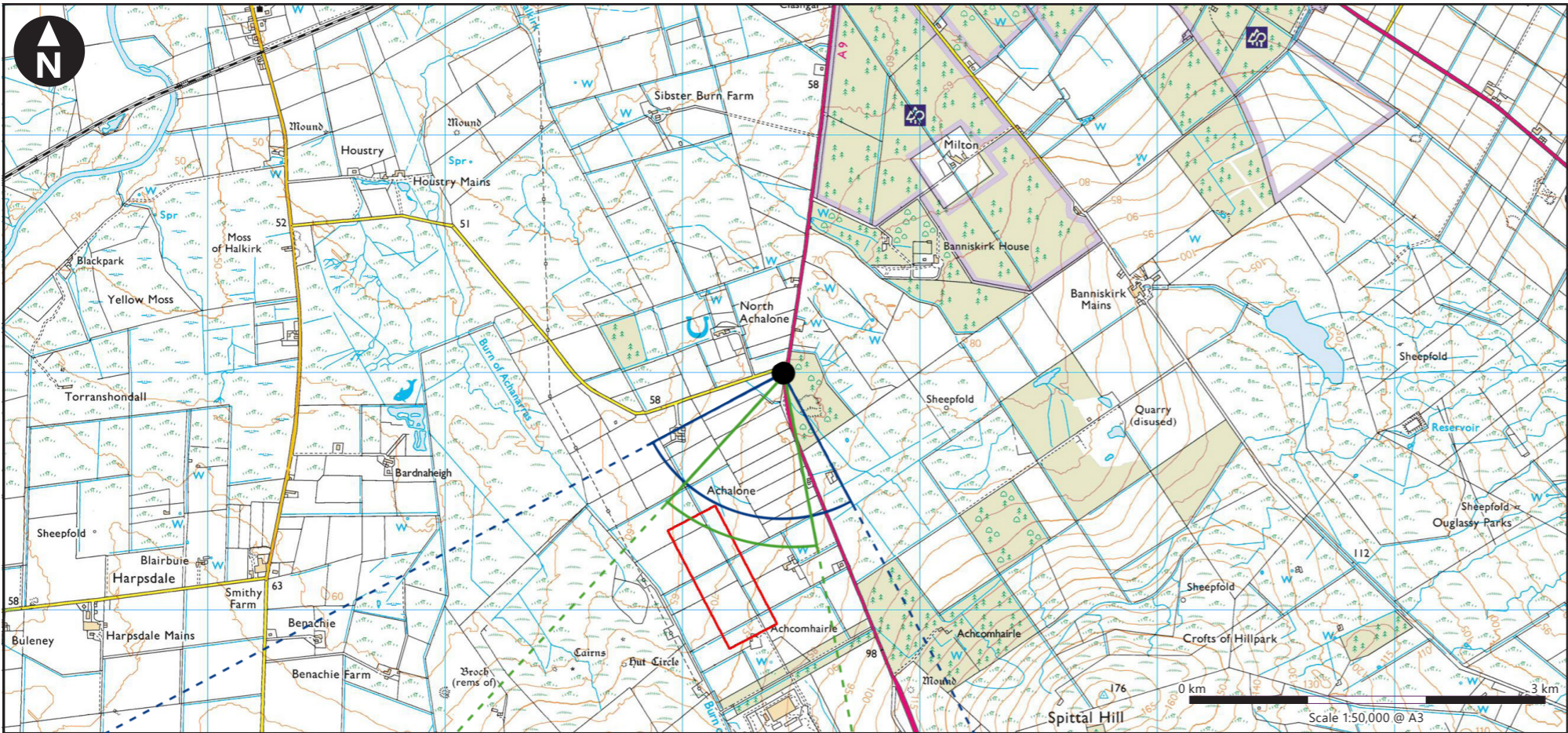
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Photomontage

View flat at a comfortable arm's length

OS reference:	E315736, N956110	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III	<div>Client</div> <div></div>	Spittal Substation EIA Report	Figure 17-VP4e Viewpoint 4: A9, Spittal, at Road to Quarry Year 15 Visualisation	<div>September 2023</div> <div></div>
Eye level:	87.2 m AOD	Principal distance:	812.5mm	Lens:	Sony FE 50mm F1.8				
Direction of view:	273	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
Distance to Site :	379 m	Correct printed image size:	820 x 260mm	Date and time:	23/03/2023 10:56				



Viewpoint Parameters

OS reference: E315430, N957019
Ground Level Elevation: 70.1 m AOD
Camera Height: 1.5 m AGL
Direction of view to site centre: 197
Distance to The Site: 648 m
Date and time of viewpoint photography: 07/02/2023 9:29
Camera: Canon 5D Mark IV
Lens: Canon EF 50mm f/1.8

Information on the limitations of visualisations:

Visualisations have a number of limitations which you should be aware of when using them to form a judgement on the onshore substation. These include:

- The images provided give a reasonable impression of the scale of the onshore substation and the distance to the onshore substation, but can never be 100% accurate;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the onshore substation proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the Landscape Mitigation Plan which establishes the following parameters:
 - Indicative Development Platform is set at 70m AOD.
 - A maximum development height of 13.5m from AIS scenario.
2. Direction given as bearing relative to Grid North (BNG).
3. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client	
Spittal Substation EIA Report	
Figure 17-VP5a Viewpoint 5: Junction of A9, Spittal and Road to Halkirk Location Plan	
September 2023	

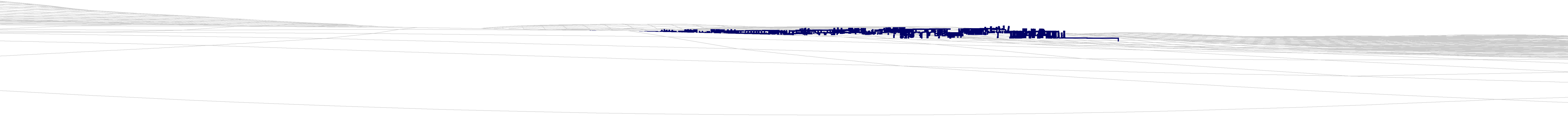


Baseline photograph

This image provides landscape and visual context only

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

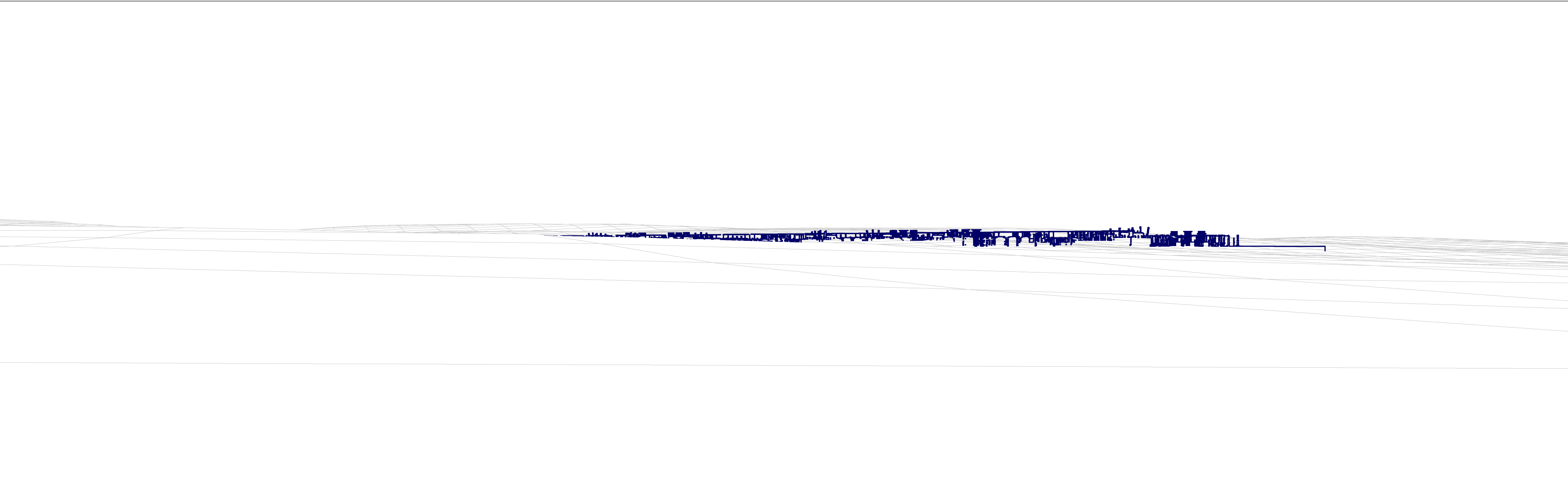


Wireline drawing

View flat at a comfortable arm's length

OS reference:	E315430, N957019	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon 5D Mark IV		Spittal Substation EIA Report	Figure 17-VP5b Viewpoint 5: Junction of A9, Spittal and Road to Halkirk Existing View and Wireline - 90°	September 2023	
Eye level:	70.1 m AOD	Principal distance:	522mm	Lens:	Canon EF 50mm f/1.8					
Direction of view:	197	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
Distance to Site :	648 m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 9:29					

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Originator: wilc03



Wireline drawing

View flat at a comfortable arm's length

OS reference:	E315430, N957019	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV
Eye level:	70.1 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8
Direction of view:	197	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	648 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 9:29

Client



Spittal Substation
EIA Report

Figure 17-VP5c
Viewpoint 5: Junction of A9, Spittal and
Road to Halkirk
Wireline - 53.5°

September 2023



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Photomontage

View flat at a comfortable arm's length

OS reference:	E315430, N957019	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV
Eye level:	70.1 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8
Direction of view:	197	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	648 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 9:29

Client



Spittal Substation
EIA Report

Figure 17-VP5d
Viewpoint 5: Junction of A9, Spittal and
Road to Halkirk
Year 1 Visualisation

September 2023



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Originator: wilc03



Photomontage

View flat at a comfortable arm's length

OS reference:	E315430, N957019	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon 5D Mark IV
Eye level:	70.1 m AOD	Principal distance:	812.5mm	Lens:	Canon EF 50mm f/1.8
Direction of view:	197	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	648 m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 9:29

Client

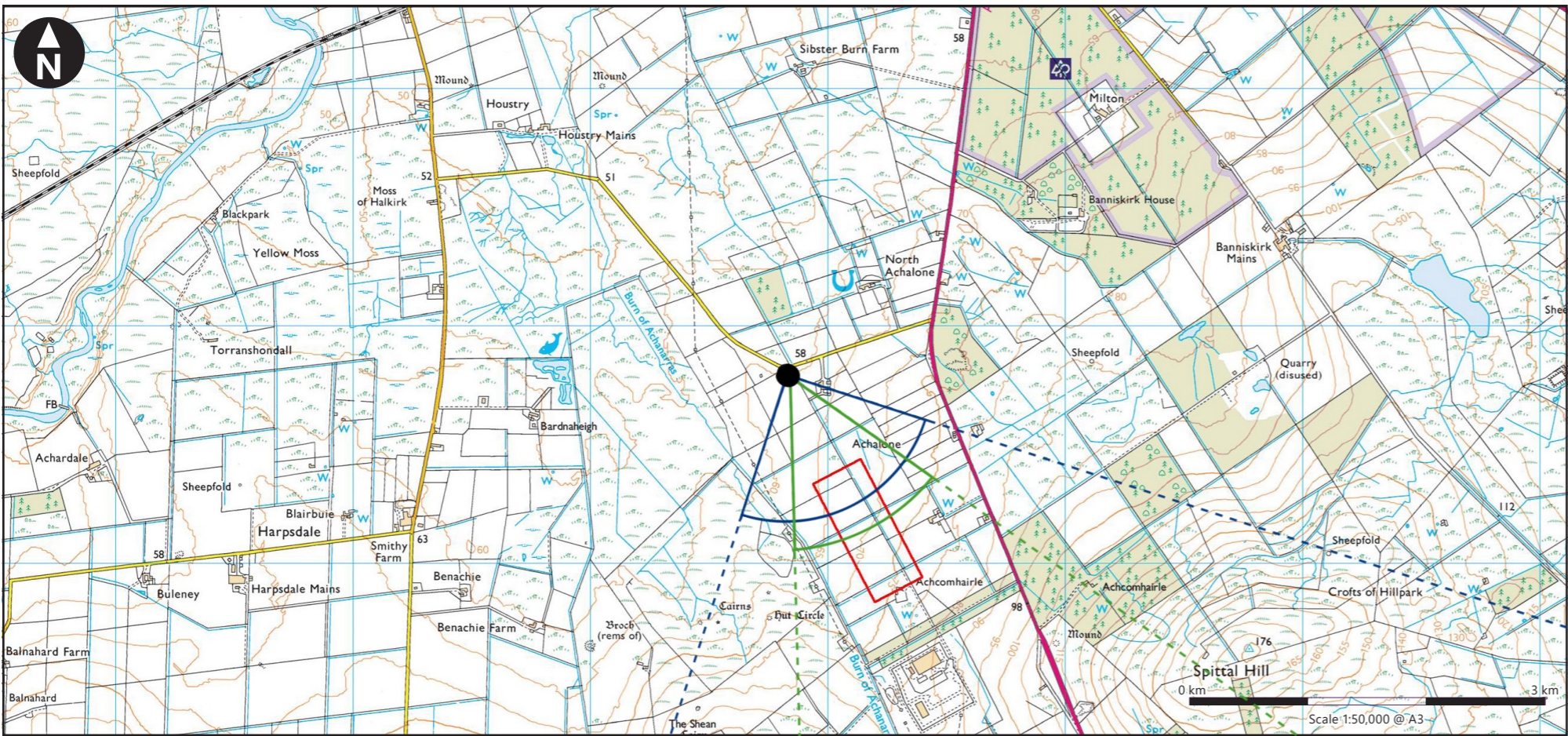


Spittal Substation
EIA Report

Figure 17-VP5e
Viewpoint 5: Junction of A9, Spittal and
Road to Halkirk
Year 15 Visualisation

September 2023



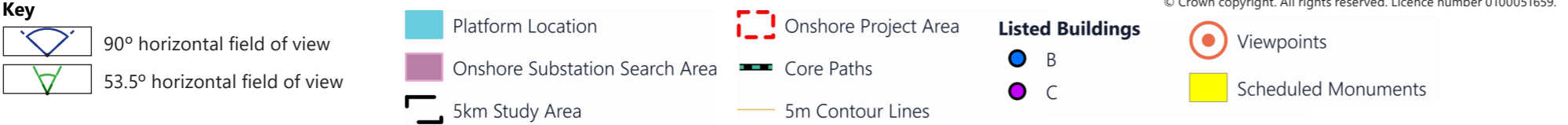
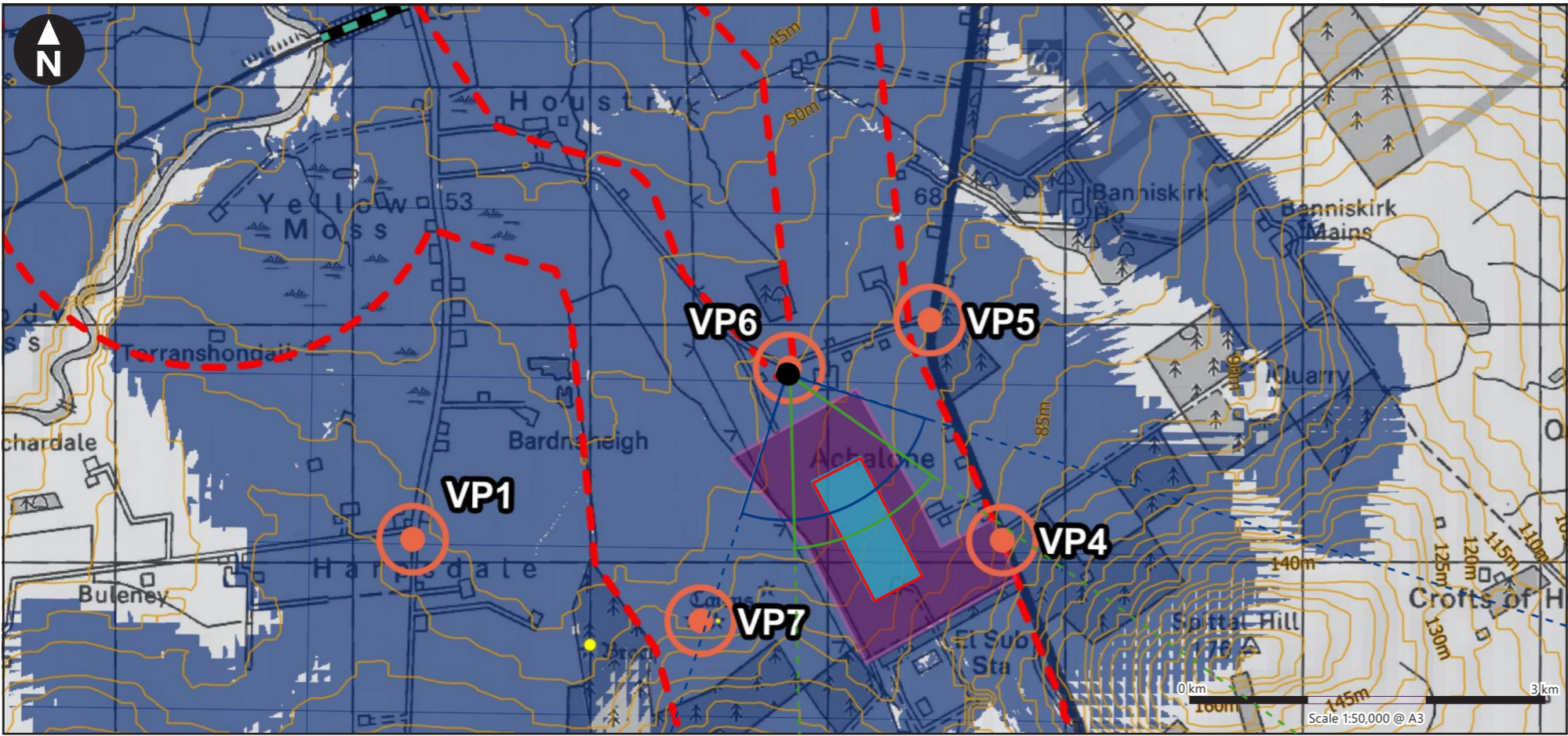


Viewpoint Parameters

OS reference: E314818, N956816
Ground Level Elevation: 60.8 m AOD
Camera Height: 1.5 m AGL
Direction of view to site centre: 153
Distance to The Site: 491 m
Date and time of viewpoint photography: 23/03/2023 12:24
Camera: Sony Alpha 7R III
Lens: Sony FE 50mm F1.8

Information on the limitations of visualisations:

- Visualisations have a number of limitations which you should be aware of when using them to form a judgement on the onshore substation. These include:
- The images provided give a reasonable impression of the scale of the onshore substation and the distance to the onshore substation, but can never be 100% accurate;
 - The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
 - To form the best impression of the impacts of the onshore substation proposal these images are best viewed at the viewpoint location shown;
 - The images must be printed at the right size to be viewed properly (260mm by 820mm);
 - You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
 - The ZTV presented here takes no account of the screening effects of vegetation or buildings.



Additional notes:

1. This figure has been based on the Landscape Mitigation Plan which establishes the following parameters:
 - Indicative Development Platform is set at 70m AOD.
 - A maximum development height of 13.5m from AIS scenario.
2. Direction given as bearing relative to Grid North (BNG).
3. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

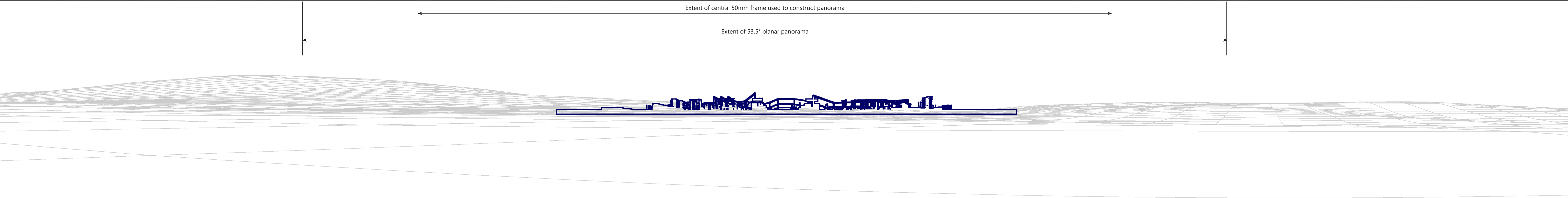
Client	
Spittal Substation EIA Report	
Figure 17-VP6a Viewpoint 6: Road to Halkirk at entrance to Hayfold Cottage Location Plan	
September 2023	

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Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

OS reference:	E314818, N956816	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	60.8 m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.8
Direction of view:	153	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	491 m	Correct printed image size:	820 x 130mm	Date and time:	23/03/2023 12:24



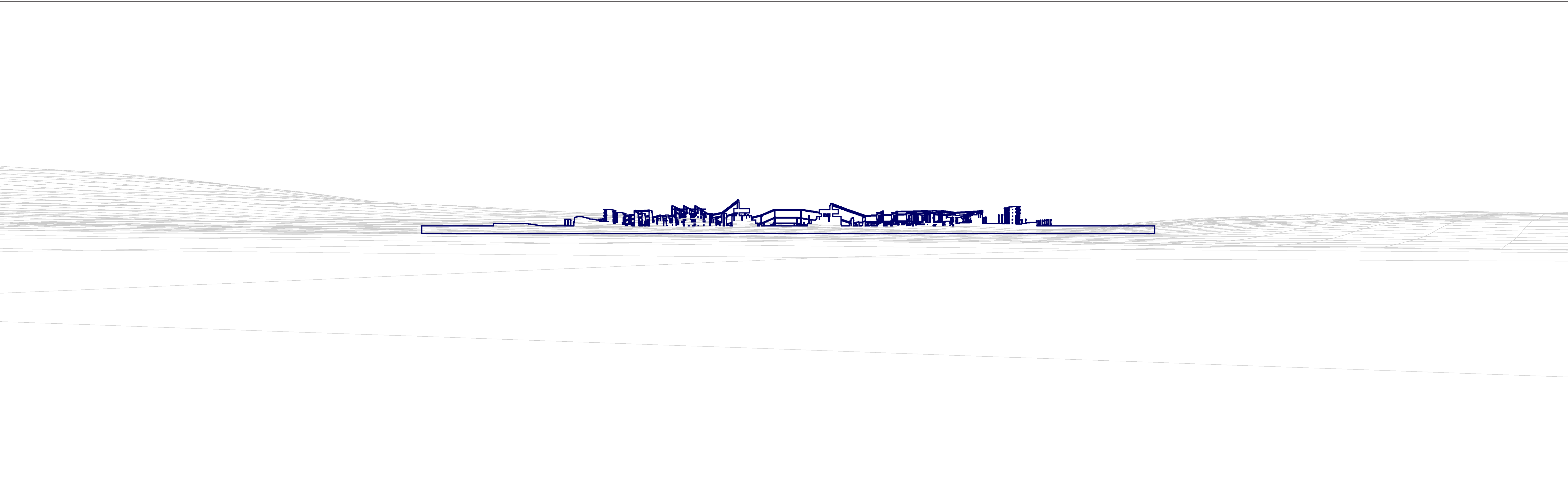
Spittal Substation
EIA Report



Figure 17-VP6b
Viewpoint 6: Road to Halkirk at
entrance to Hayfold Cottage
Existing View and Wireline - 90°

September 2023



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Wireline drawing								View flat at a comfortable arm's length			
OS reference:	E314818, N956816	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III	<div>Client</div> <div></div>	<div>Spittal Substation EIA Report</div>	<div>Figure 17-VP6c Viewpoint 6: Road to Halkirk at entrance to Hayfold Cottage Wireline - 53.5°</div>	<div>September 2023</div> <div></div>		
Eye level:	60.8 m AOD	Principal distance:	812.5mm	Lens:	Sony FE 50mm F1.8						
Direction of view:	153	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL						
Distance to Site :	491 m	Correct printed image size:	820 x 260mm	Date and time:	23/03/2023 12:24						



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Photomontage

View flat at a comfortable arm's length

OS reference:	E314818, N956816	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	60.8 m AOD	Principal distance:	812.5mm	Lens:	Sony FE 50mm F1.8
Direction of view:	153	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	491 m	Correct printed image size:	820 x 260mm	Date and time:	23/03/2023 12:24

Client		Spittal Substation EIA Report	Figure 17-VP6d Viewpoint 6: Road to Halkirk at entrance to Hayfold Cottage Year 1 Visualisation	September 2023	
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Photomontage

View flat at a comfortable arm's length

OS reference:	E314818, N956816	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	60.8 m AOD	Principal distance:	812.5mm	Lens:	Sony FE 50mm F1.8
Direction of view:	153	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Distance to Site :	491 m	Correct printed image size:	820 x 260mm	Date and time:	23/03/2023 12:24

Client		Spittal Substation EIA Report	Figure 17-VP6e Viewpoint 6: Road to Halkirk at entrance to Hayfold Cottage Year 15 Visualisation	September 2023	
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Offshore Wind Power Limited

West of Orkney Onshore EIA Report

Volume 2, Supporting Study 18: LVIA Visualisations (The Highland Council)

ASSIGNMENT L100632-S06
DOCUMENT L-100632-S06-A-REPT-020



Figure 17-VP1f
Viewpoint 1 Harpsdale, Bridge Street
Existing View - 50mm

Distance to the site: 1,702m Camera: Canon 5D Mark IV Focal Length: 50mm Camera height: 1.5m Date: 13:16 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP1g
Viewpoint 1 Harpsdale, Bridge Street
Year 1 Visualisation - 50mm

Distance to the site: 1,702m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 13:16 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP1h
Viewpoint 1 Harpsdale, Bridge Street
Year 15 Visualisation - 50mm

Distance to the site: 1,702m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 13:16 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP1i
Viewpoint 1 Harpsdale, Bridge Street
Existing View - 75mm

Distance to the site: 1,702m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 13:16 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP1j
Viewpoint 1 Harpsdale, Bridge Street
Year 1 Visualisation- 75mm

Distance to the site: 1,702m Camera: Canon 5D Mark IV Focal Length: 75mm Camera height: 1.5m Date: 13:16 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP1k
Viewpoint 1 Harpsdale, Bridge Street
Year 15 Visualisation- 75mm

Distance to the site: 1,702m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 13:16 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP2f
Viewpoint 2 Achanarras Quarry, Caithness
Existing View - 50mm

Distance to the site: 1,284m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 14:58 06/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP2g
Viewpoint 2 Achanarras Quarry, Caithness
Year 1 Visualisation - 50mm

Distance to the site: 1,284m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 14:58 06/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP2h
Viewpoint 2 Achanarras Quarry, Caithness
Year 15 Visualisation - 50mm

Distance to the site: 1,284m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 14:58 06/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP2i
Viewpoint 2 Achanarras Quarry, Caithness
Existing View - 75mm

Distance to the site: 1,284m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 14:58 06/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP2j
Viewpoint 2 Achanarras Quarry, Caithness
Year 1 Visualisation - 75mm

Distance to the site: 1,284m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 14:58 06/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP2k
Viewpoint 2 Achanarras Quarry, Caithness
Year 15 Visualisation - 75mm

Distance to the site: 1,284m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 14:58 06/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP3f
Viewpoint 3 A9, Spittal, at entrance to Spittal Mains Farm
Existing View - 50mm

Distance to the site: 1,669m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 12:39 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP3g
Viewpoint 3 A9, Spittal, at entrance to Spittal Mains Farm
Year 1 Visualisation - 50mm

Distance to the site: 1,669m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 12:39 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP3h
Viewpoint 3 A9, Spittal, at entrance to Spittal Mains Farm
Year 15 Visualisation - 50mm

Distance to the site: 1,669m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 12:39 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP3i
Viewpoint 3 A9, Spittal, at entrance to Spittal Mains Farm
Existing View - 75mm

Distance to the site: 1,669m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 12:39 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP3j
Viewpoint 3 A9, Spittal, at entrance to Spittal Mains Farm
Year 1 Visualisation- 75mm

Distance to the site: 1,669m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 12:39 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP3k
Viewpoint 3 A9, Spittal, at entrance to Spittal Mains Farm
Year 15 Visualisation - 75mm

Distance to the site: 1,669m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 12:39 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP4f
Viewpoint 4 A9, Spittal, at Road to Quarry
Existing View - 50mm

Distance to the site: 379m

Camera: Sony Alpha 7R III

Focal Length: 50mm

Camera height: 1.5m

Date: 10:56 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP4g
Viewpoint 4 A9, Spittal, at Road to Quarry
Year 1 Visualisation - 50mm

Distance to the site: 379m

Camera: Sony Alpha 7R III

Focal Length: 50mm

Camera height: 1.5m

Date: 10:56 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP4h
Viewpoint 4 A9, Spittal, at Road to Quarry
Year 15 Visualisation - 50mm

Distance to the site: 379m

Camera: Sony Alpha 7R III

Focal Length: 50mm

Camera height: 1.5m

Date: 10:56 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP4i
Viewpoint 4 A9, Spittal, at Road to Quarry
Existing View - 75mm

Distance to the site: 379m

Camera: Sony Alpha 7R III

Focal Length: 75mm

Camera height: 1.5m

Date: 10:56 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP4j
Viewpoint 4 A9, Spittal, at Road to Quarry
Year 1 Visualisation - 75mm

Distance to the site: 379m

Camera: Sony Alpha 7R III

Focal Length: 75mm

Camera height: 1.5m

Date: 10:56 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP4k
Viewpoint 4 A9, Spittal, at Road to Quarry
Year 15 Visualisation - 75mm

Distance to the site: 379m

Camera: Sony Alpha 7R III

Focal Length: 75mm

Camera height: 1.5m

Date: 10:56 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP5f
Viewpoint 5 Junction of A9, Spittal and Road to Halkirk
Existing View - 50mm

Distance to the site: 648m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 9:29 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP5g
Viewpoint 5 Junction of A9, Spittal and Road to Halkirk
Year 1 Visualisation - 50mm

Distance to the site: 648m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 9:29 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP5h
Viewpoint 5 Junction of A9, Spittal and Road to Halkirk
Year 15 Visualisation - 50mm

Distance to the site: 648m

Camera: Canon 5D Mark IV

Focal Length: 50mm

Camera height: 1.5m

Date: 9:29 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP5i
Viewpoint 5 Junction of A9, Spittal and Road to Halkirk
Existing View - 75mm

Distance to the site: 648m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 9:29 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP5j
Viewpoint 5 Junction of A9, Spittal and Road to Halkirk
Year 1 Visualisation - 75mm

Distance to the site: 648m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 9:29 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP5k
Viewpoint 5 Junction of A9, Spittal and Road to Halkirk
Year 15 Visualisation - 75mm

Distance to the site: 648m

Camera: Canon 5D Mark IV

Focal Length: 75mm

Camera height: 1.5m

Date: 9:29 07/02/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP6f
Viewpoint 6 Road to Halkirk at entrance to Hayfold Cottage
Existing View - 50mm

Distance to site: 491m

Camera: Sony Alpha 7R III

Focal Length: 50mm

Camera height: 1.5m

Date: 12:24 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP6g
Viewpoint 6 Road to Halkirk at entrance to Hayfold Cottage
Year 1 Visualisation - 50mm

Distance to site: 491m

Camera: Sony Alpha 7R III

Focal Length: 50mm

Camera height: 1.5m

Date: 12:24 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP6h
Viewpoint 6 Road to Halkirk at entrance to Hayfold Cottage
Year 15 Visualisation - 50mm

Distance to site: 491m

Camera: Sony Alpha 7R III

Focal Length: 50mm

Camera height: 1.5m

Date: 12:24 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP6i
Viewpoint 6 Road to Halkirk at entrance to Hayfold Cottage
Existing View - 75mm

Distance to site: 491m

Camera: Sony Alpha 7R III

Focal Length: 75mm

Camera height: 1.5m

Date: 12:24 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP6j
Viewpoint 6 Road to Halkirk at entrance to Hayfold Cottage
Year 1 Visualisation - 75mm

Distance to site: 491m

Camera: Sony Alpha 7R III

Focal Length: 75mm

Camera height: 1.5m

Date: 12:24 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance



Figure 17-VP6k
Viewpoint 6 Road to Halkirk at entrance to Hayfold Cottage
Year 15 Visualisation - 75mm

Distance to site: 491m

Camera: Sony Alpha 7R III

Focal Length: 75mm

Camera height: 1.5m

Date: 12:24 23/03/2023

When viewed at a comfortable arm's length (approx. 500mm), this printed image is representative of our detailed central vision, but is not representative of scale and distance