

RWE Renewables UK Dogger Bank South (West) Limited RWE Renewables UK Dogger Bank South (East) Limited

Dogger Bank South Offshore Wind Farms

Environmental Statement

Volume 7

Chapter 23 - Landscape and Visual Impact Assessment

Figure 23-1 to Figure 23-15

June 2024

Application Reference: 7.23.1

APFP Regulation: 5(2)(a)

Revision: 01

Unrestricted



Company:	RWE Renewables UK Dogger Bank South (West) Limited and RWE Renewables UK Dogger Bank South (East) Limited	Asset:	Development		
Project:	Dogger Bank South Offshore Wind Farms	Sub Project/Package:	Consents		
Document Title or Description:	Environmental Statement - Chapter 23 - Figure 23-1 to Figure 23-15				
Document Number:	004300167-01	Contractor Reference Number:	PC2340-RHD-ON- ZZ-RP-Z-0106		

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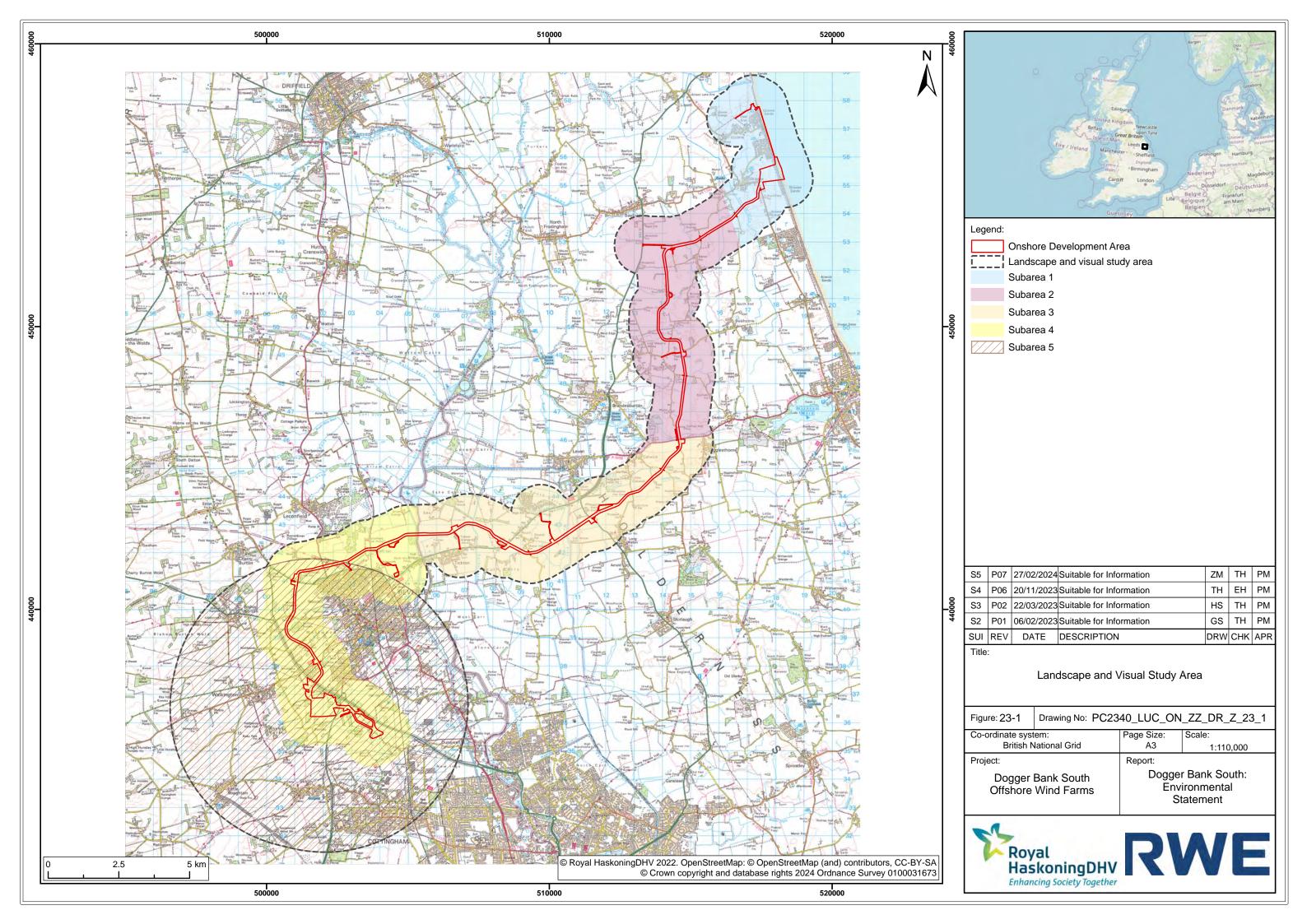
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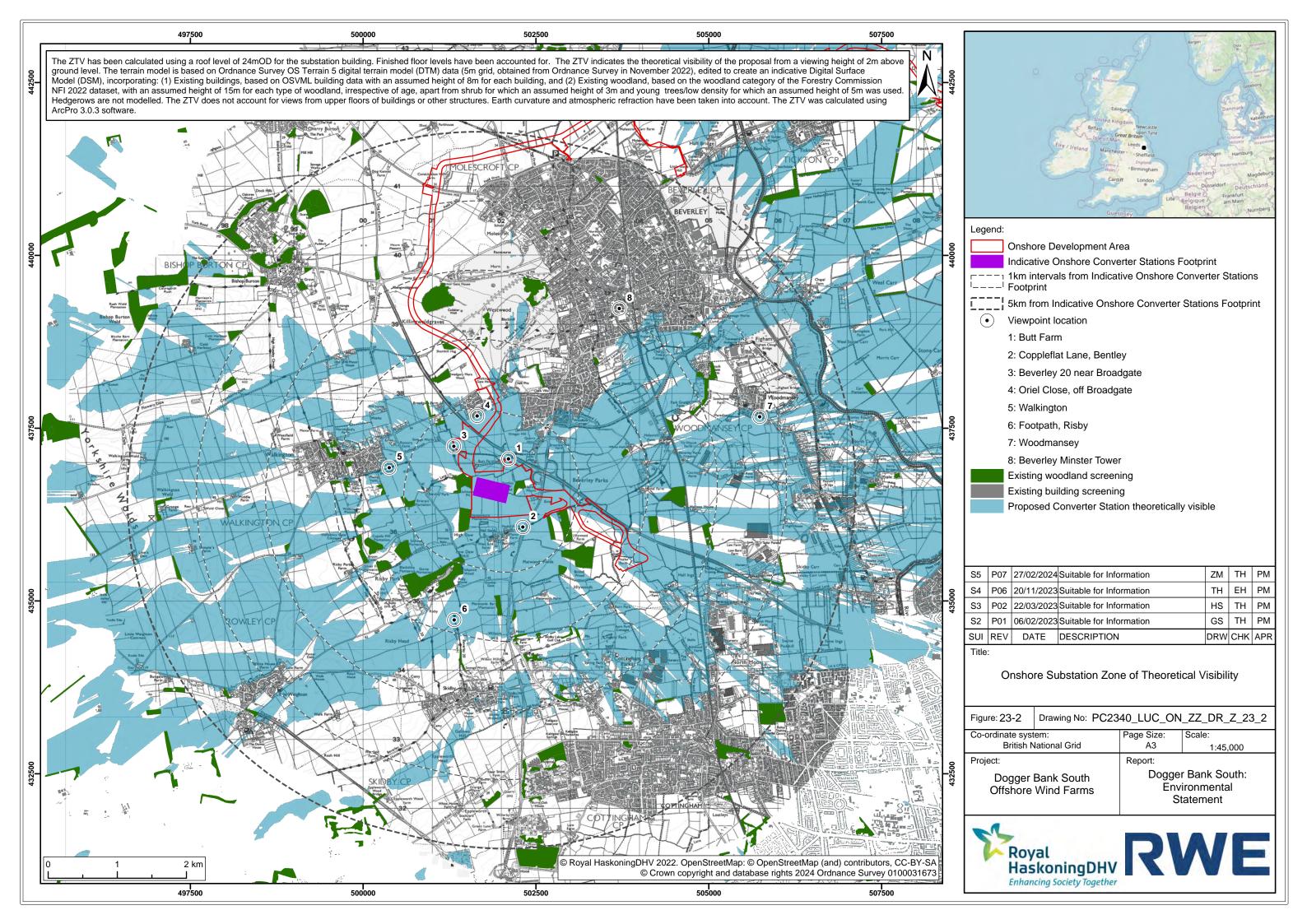
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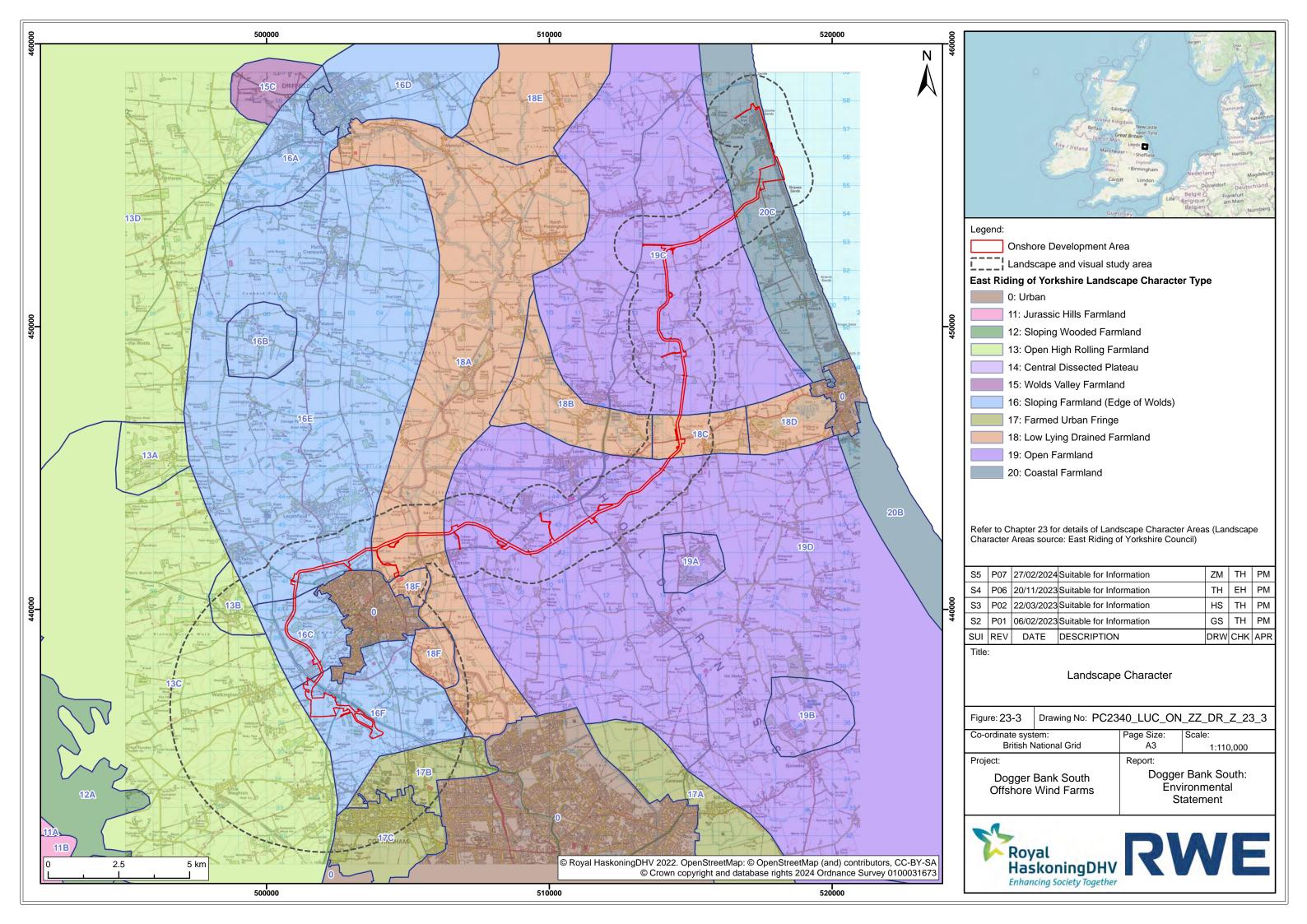
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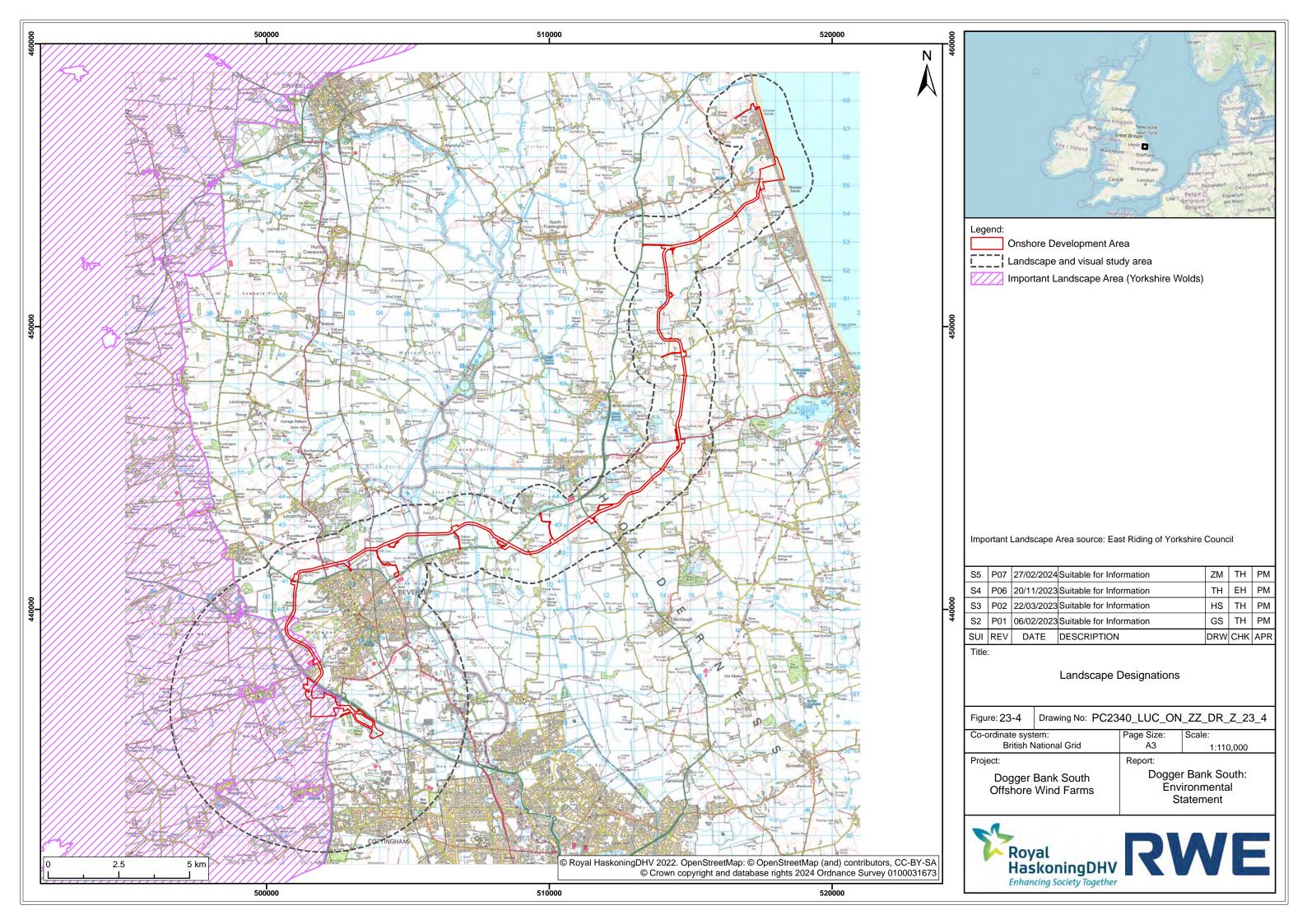
Rev No.	Date	Status/Reason for Issue	Author	Checked by	Approved by
01	June 2024	Final for DCO Application	LUC	RWE	RWE

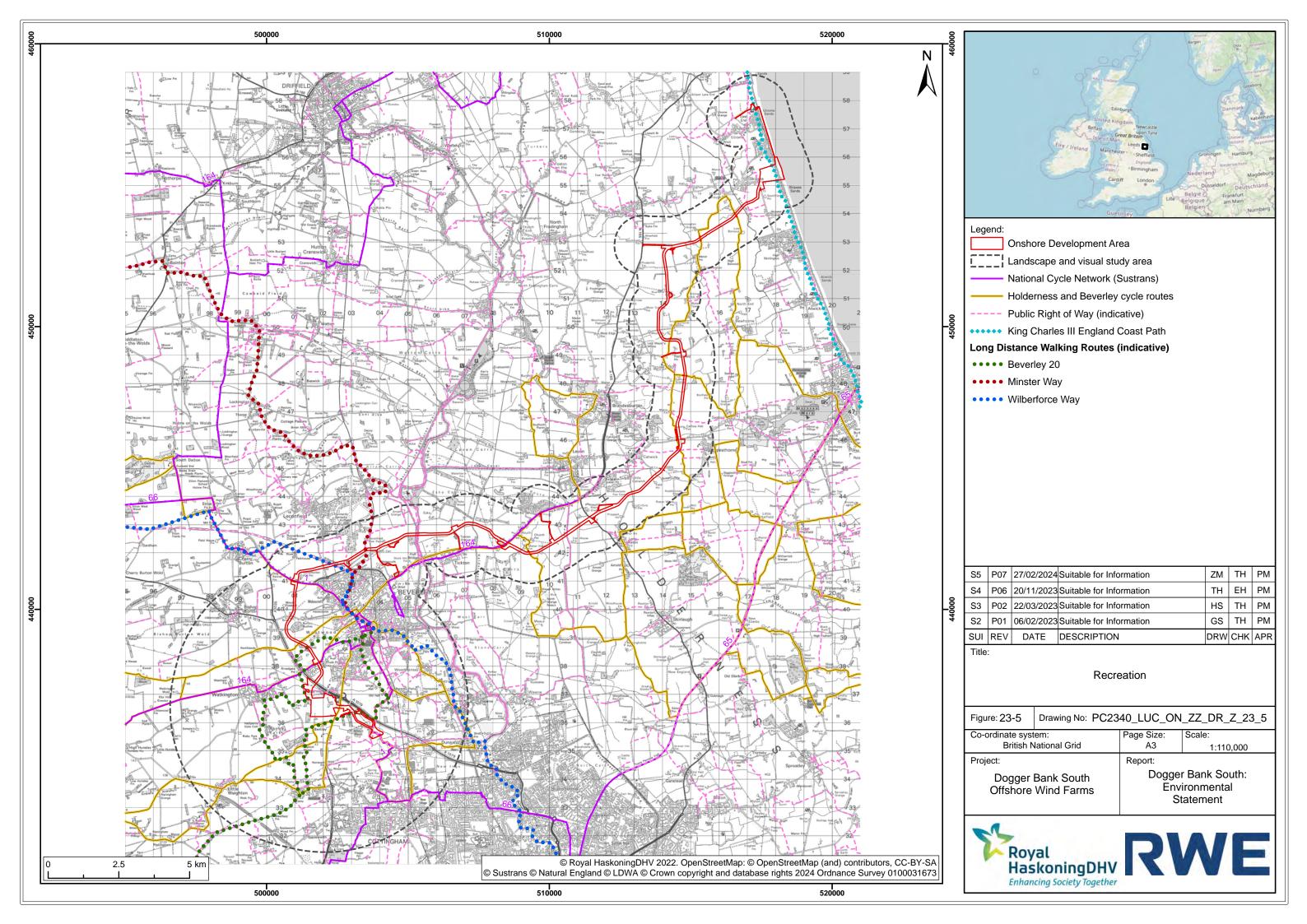




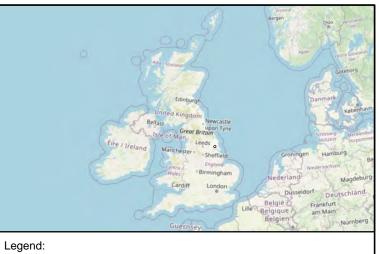












Onshore Substation Zone

Existing utilities

Area of underground cables

Proposed meadow grassland

Proposed woodland meadow

Existing woodland to be retained

Proposed native woodland

Existing hedgerow to be retained

Proposed native hedgerow

Proposed native hedgerow with trees

Proposed scrub

Area for SUDs (indicative)

Area to be returned to agriculture

Access

Area of earthworks to be re-seeded with grassland

--- Public Right of Way

----- Public Right of Way diversion

S6	P07	06/03/2024	Suitable for Information	SH	EH	PM
S5	P07	27/02/2024	Suitable for Information	SH	EH	PM
S4	P06	22/11/2023	Suitable for Information	SH	EH	PM
S3	P02	22/03/2023	Suitable for Information	HS	TH	РМ
S2	P01	06/02/2023	Suitable for Information	GS	TH	PM
SUI	REV	DATE	DESCRIPTION	DRW	CHK	APR

Indicative Landscape Plan

Drawing No: PC2340_LUC_ON_ZZ_DR_Z_23_6 Figure: 23-6 Page Size: A3 Co-ordinate system:
British National Grid

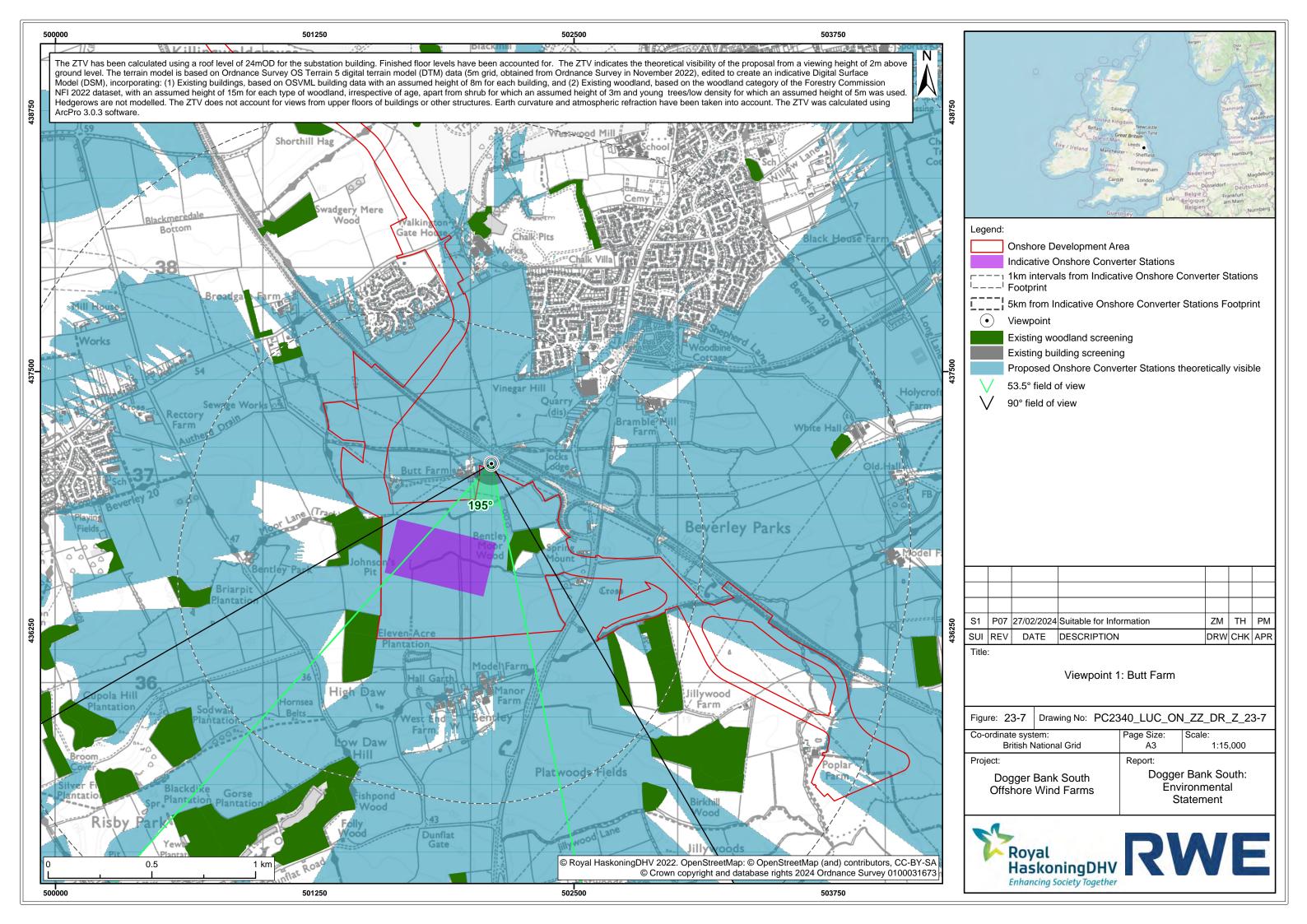
Dogger Bank South Offshore Wind Farms

Dogger Bank South: Environmental

Statement

1:6,000







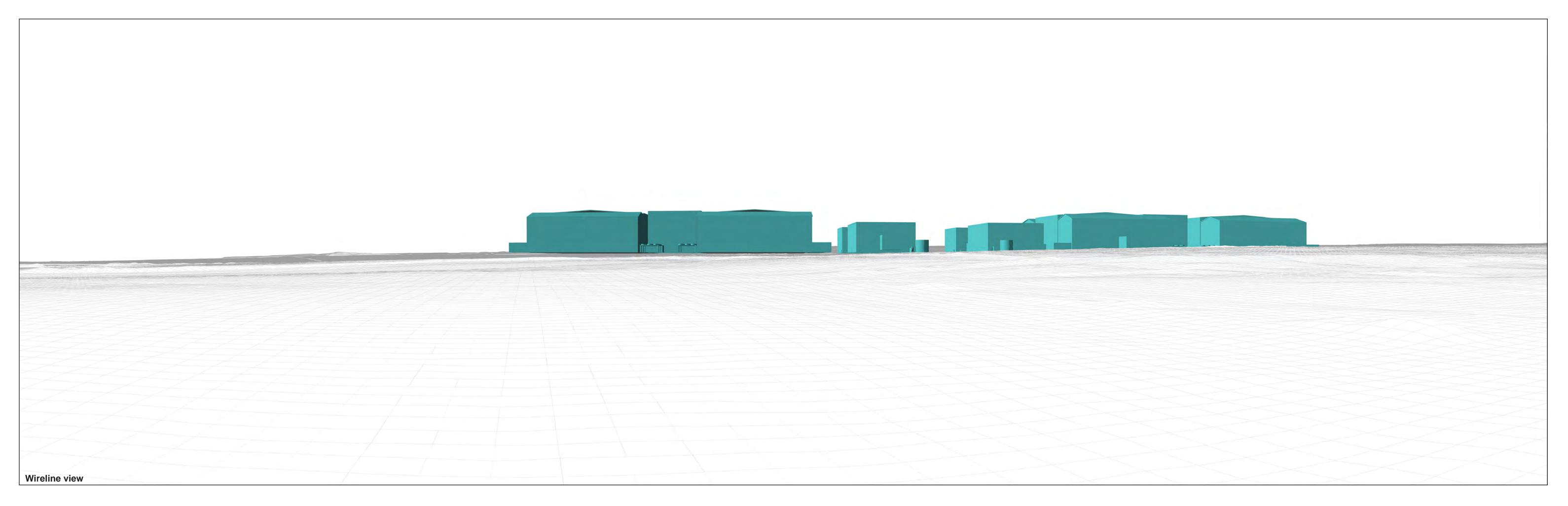


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AOD (Above Ordnance Datum): 28.93 m
Direction of view: 195°

Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 19/05/2022 08:15





Vertical field of view: Image Enlargement Factor: 96% 841 x 297 mm (half A1) Correct printed image size: 820 x 250 mm

Topography Digital Terrain Model (DTM) uses 1m National LiDAR programme (2020) Enivronment Agency data and Ordnance Survey OST50 data. Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023





OS reference: 502102 E 437056 N
AOD (Above Ordnance Datum): 28.93 m
Direction of view: 195°

Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
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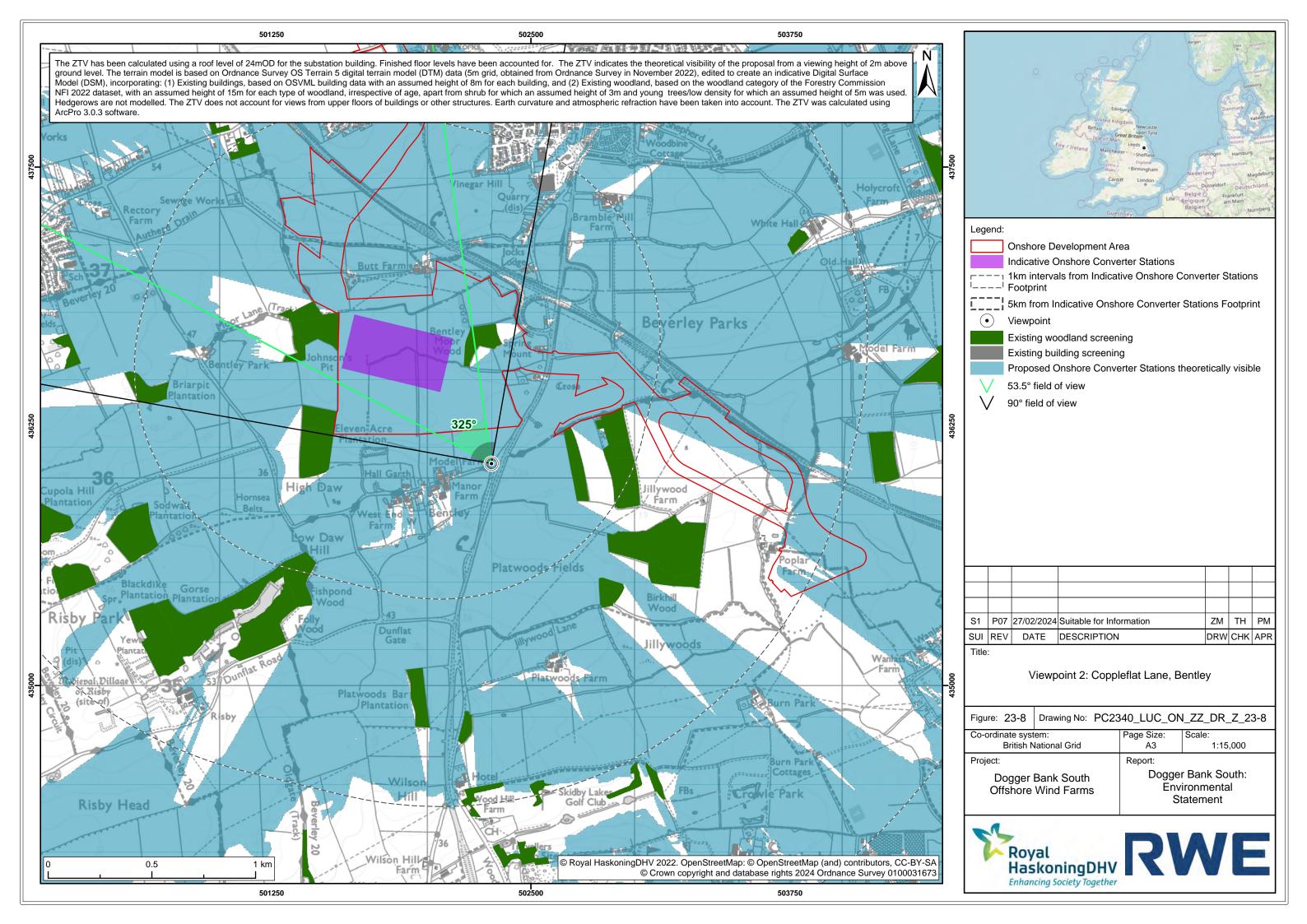




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Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
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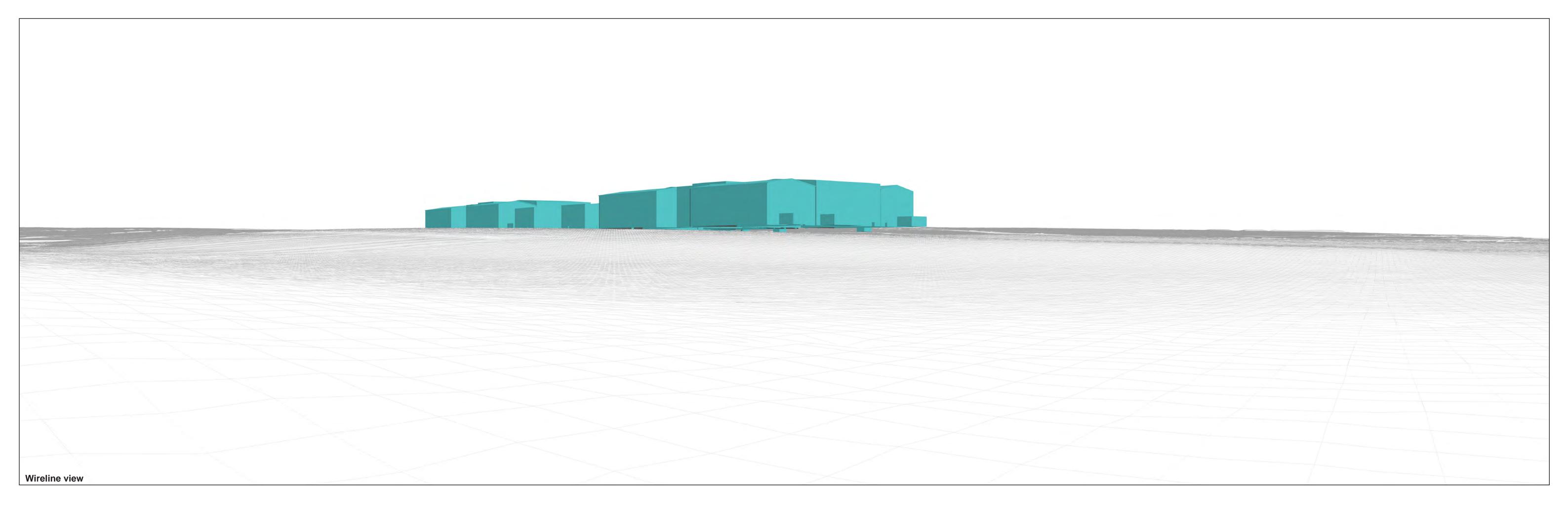






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Camera height: 1.5 m (above AOD)
Date and time: 19/05/2022 09:40





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Topography Digital Terrain Model (DTM) uses 1m National LiDAR programme (2020) Enivronment Agency data and Ordnance Survey OST50 data. Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023





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Correct printed image size: 820 x 250 mm

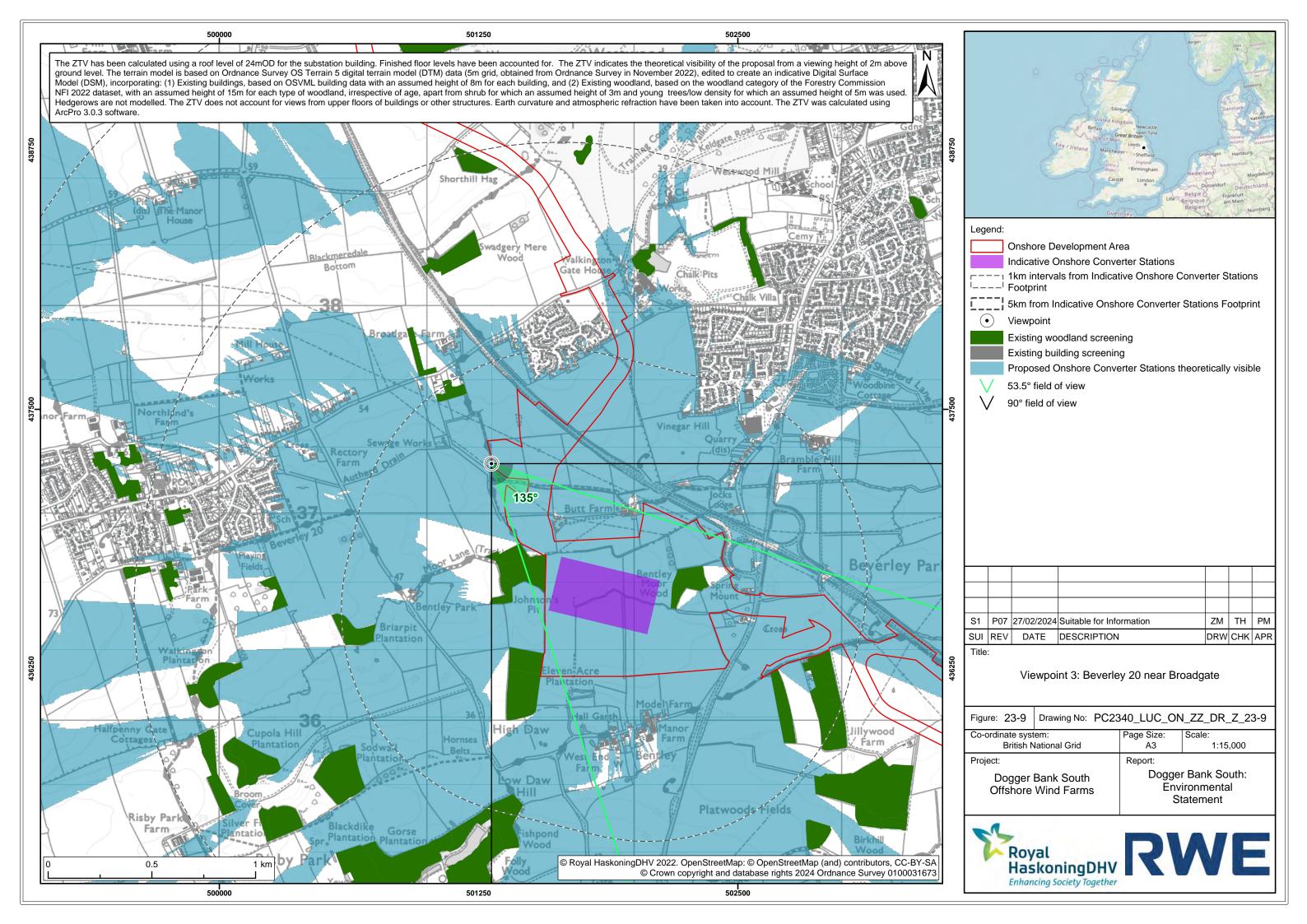
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Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

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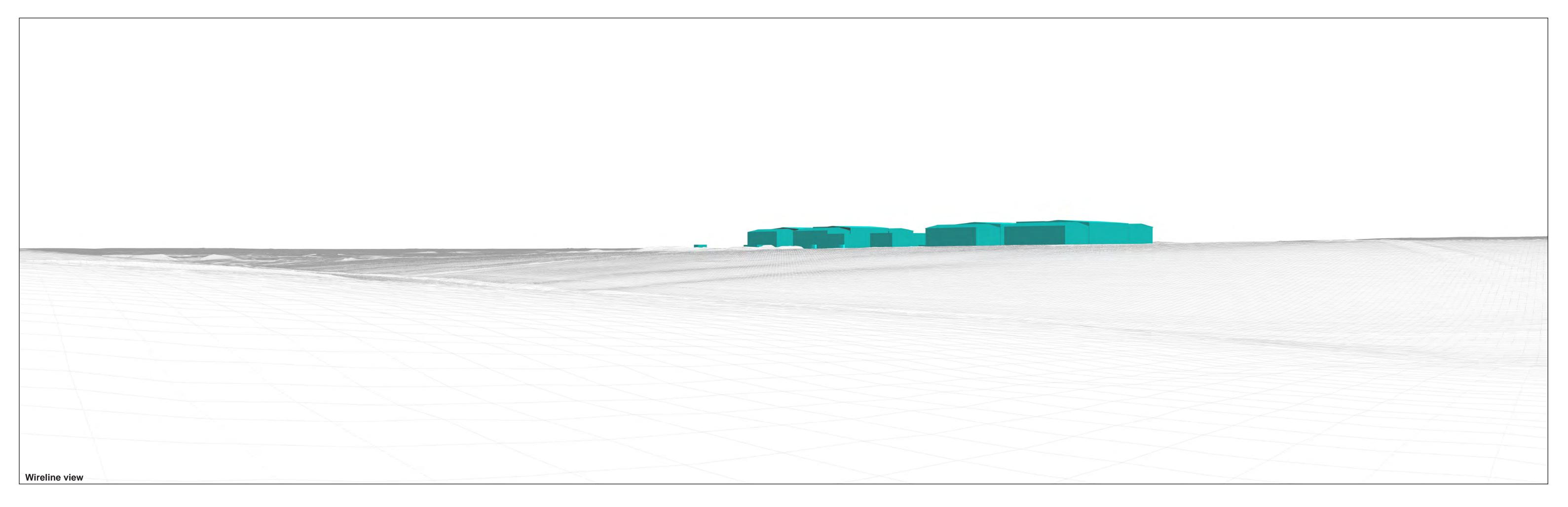






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Vertical field of view: Image Enlargement Factor: 96%
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Topography Digital Terrain Model (DTM) uses 1m National LiDAR programme (2020) Enivronment Agency data and Ordnance Survey OST50 data. Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023





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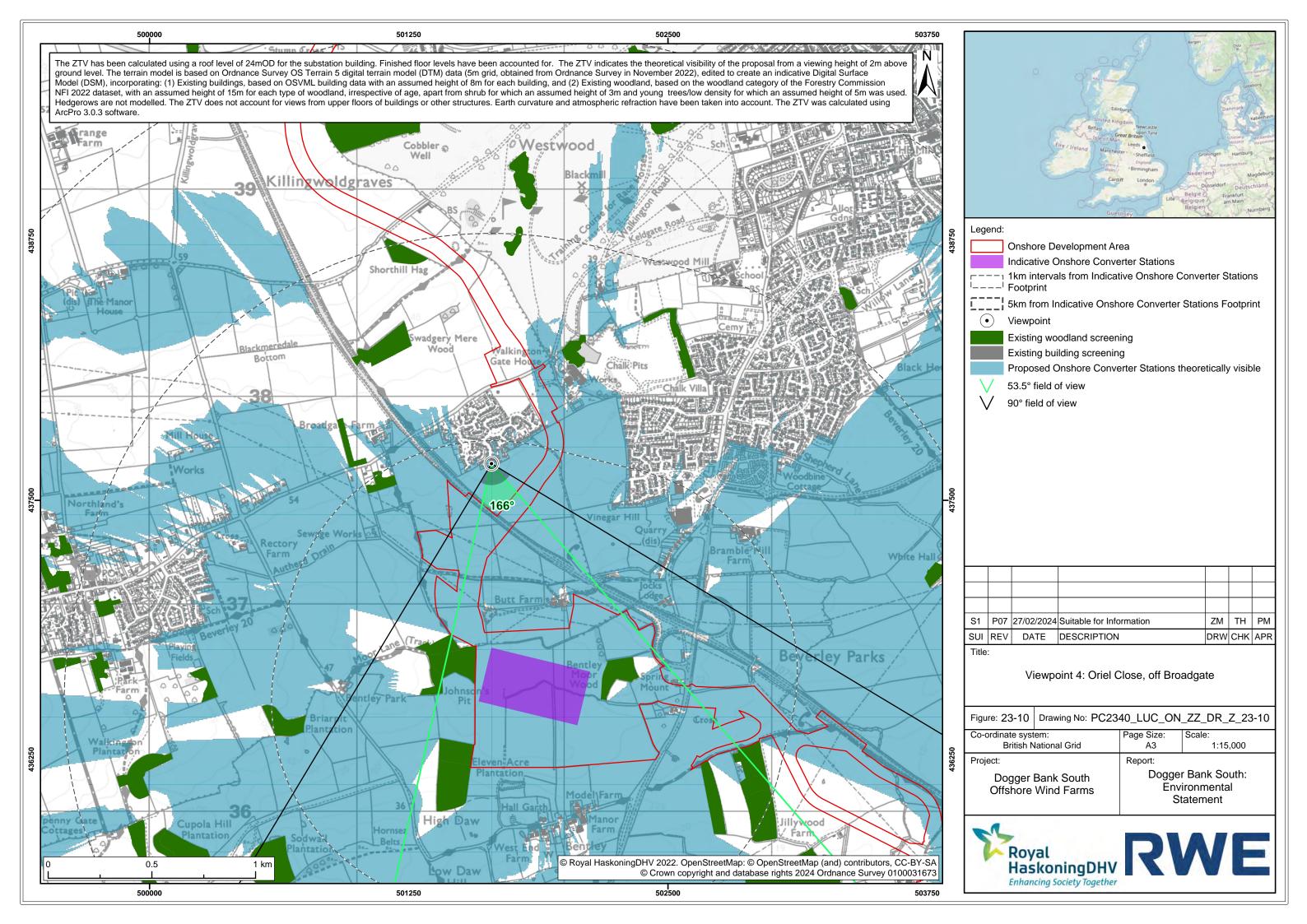
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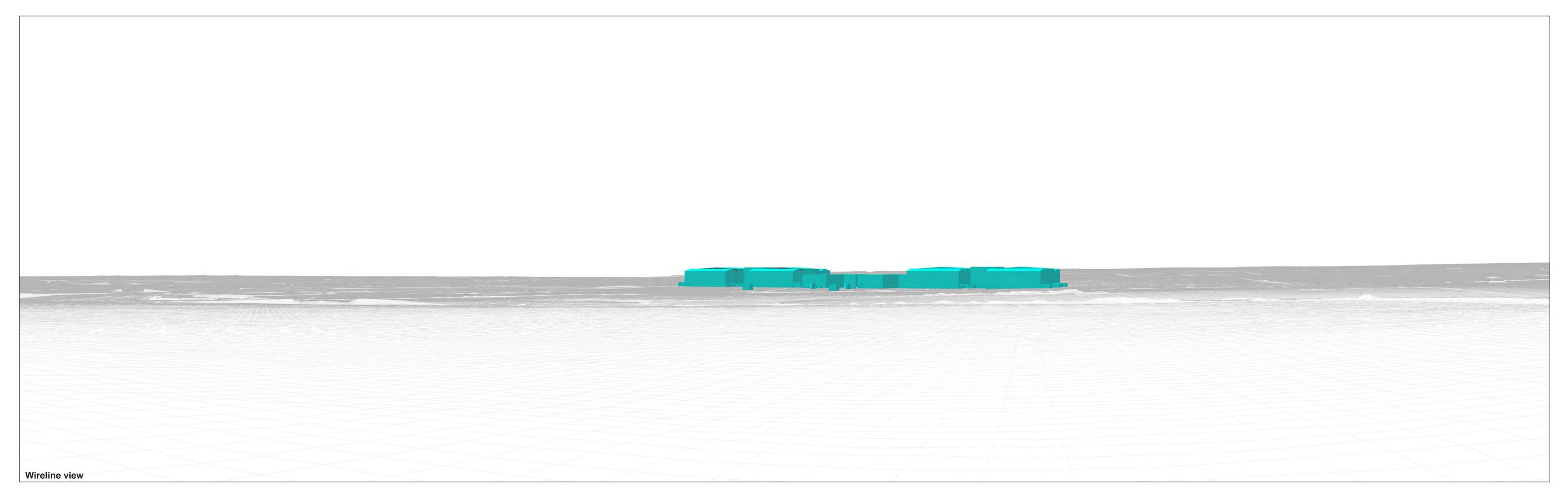






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Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 29/09/2023 09:43





OS reference: 501649 E AOD (Above Ordnance Datum): 51.74 m Direction of view: 166° 501649 E 437677 N Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: Image Enlargement Factor: 96%
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Correct printed image size: 820 x 250 mm

Topography Digital Terrain Model (DTM) uses 1m National LiDAR programme (2020) Enivronment Agency data and Ordnance Survey OST50 data. Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023

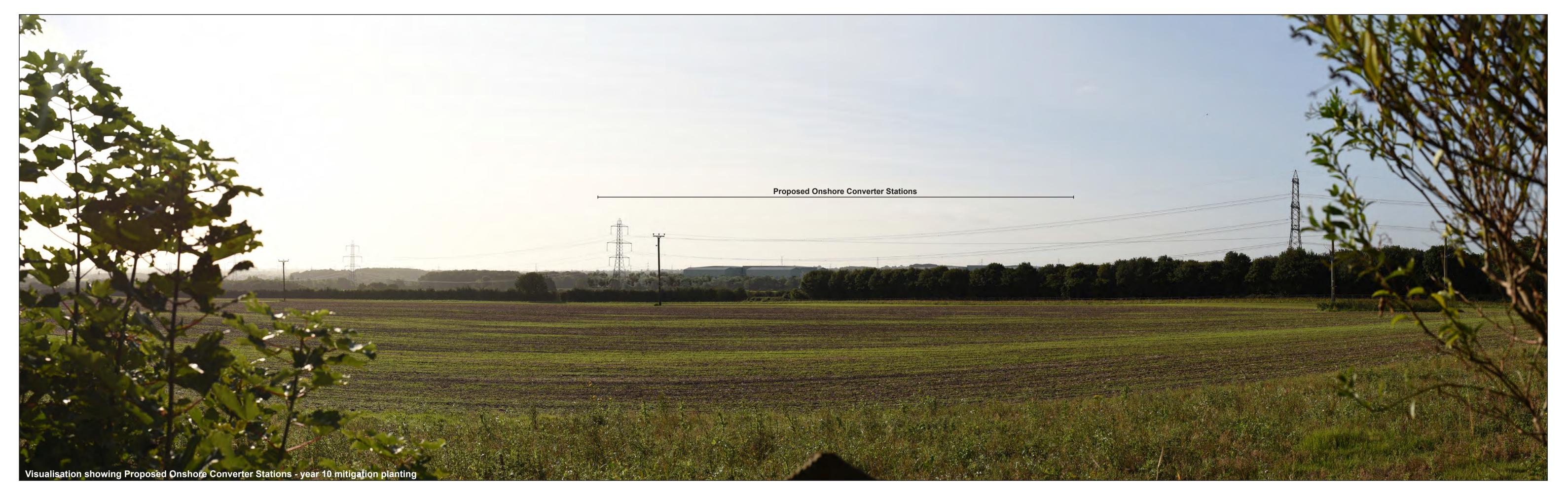




Vertical field of view:

Image Enlargement Factor: 96%
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Correct printed image size: 820 x 250 mm

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Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 29/09/2023 09:43

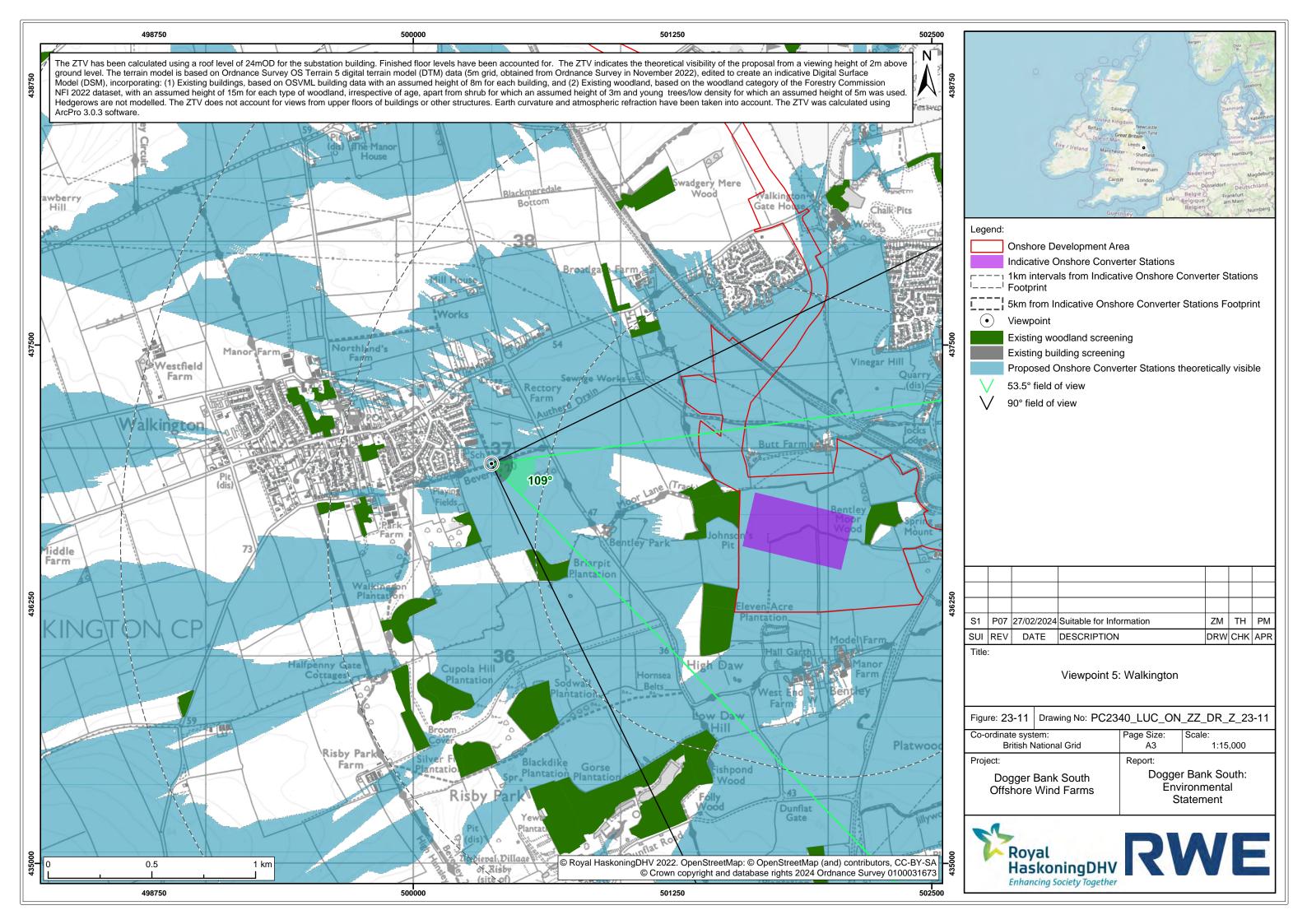




Vertical field of view:

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Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 29/09/2023 09:43







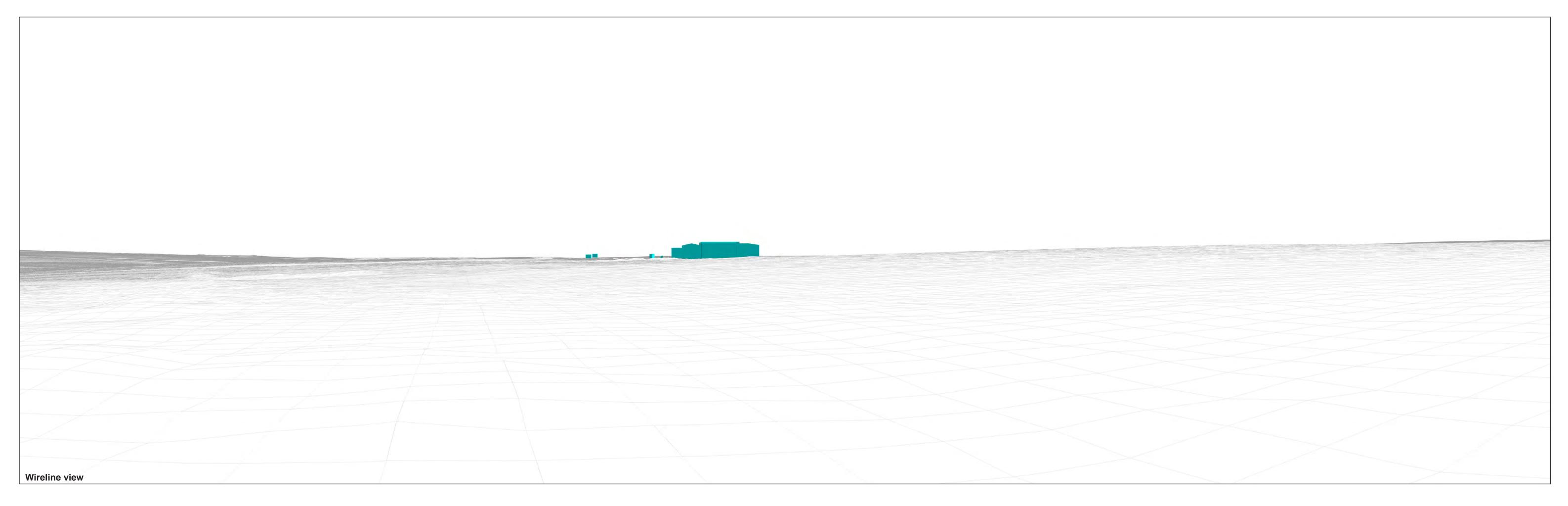
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Horizontal field of view: 90° (cylindrical projection)

Vertical field of view:

Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 17/01/2023 12:16





OS reference: 500377 E AOD (Above Ordnance Datum): 52.79 m Direction of view: 109° 500377 E 436928 N Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Data Sources:
Topography Digital Terrain Model (DTM) uses 1m National LiDAR programme (2020) Enivronment Agency data and Ordnance Survey OST50 data.
Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023





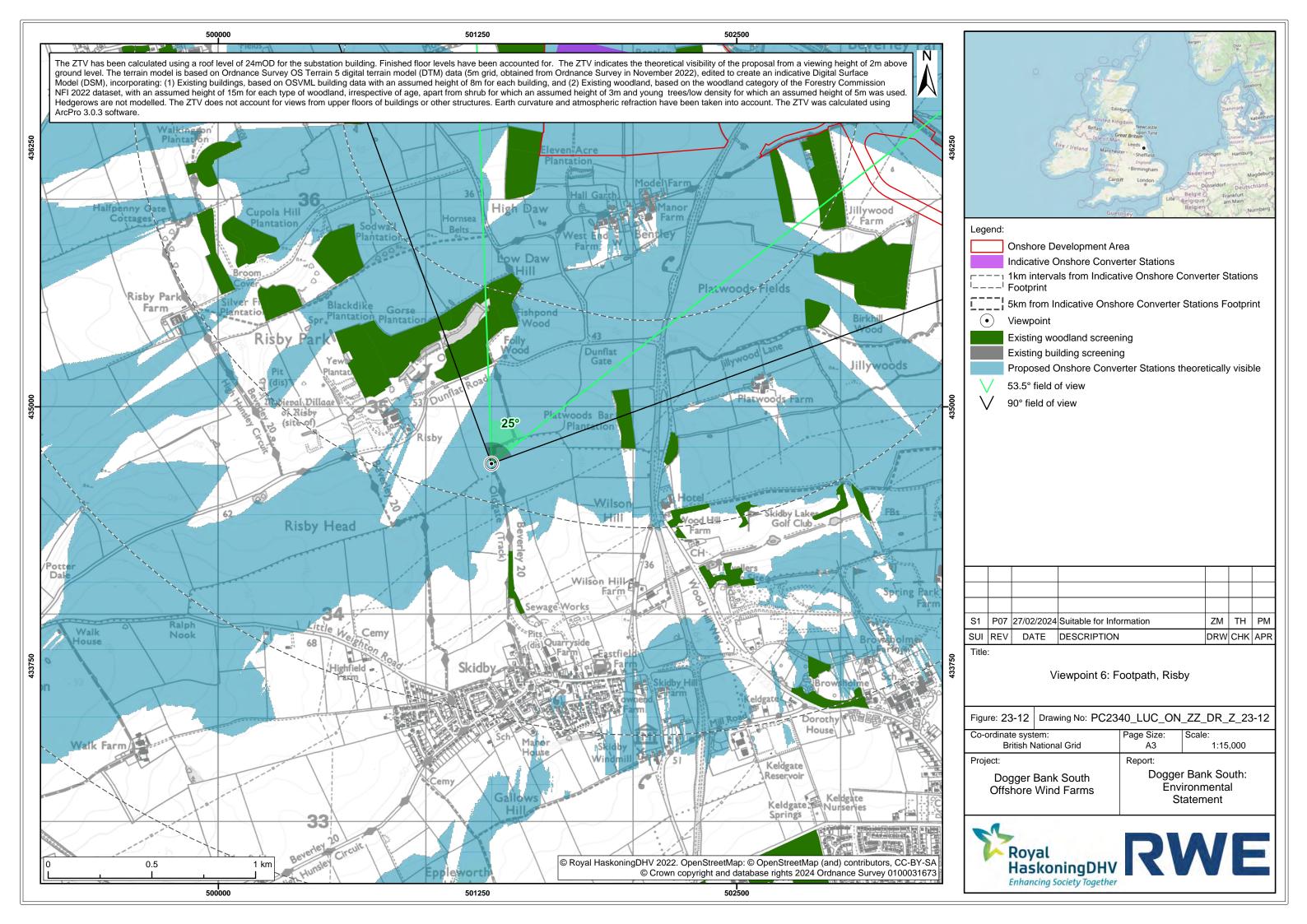
Vertical field Image Enlar Paper size:

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 20

Paper size: 841 x 297 mm (half A1) Ca
Correct printed image size: 820 x 250 mm Da

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 17/01/2023 12:16

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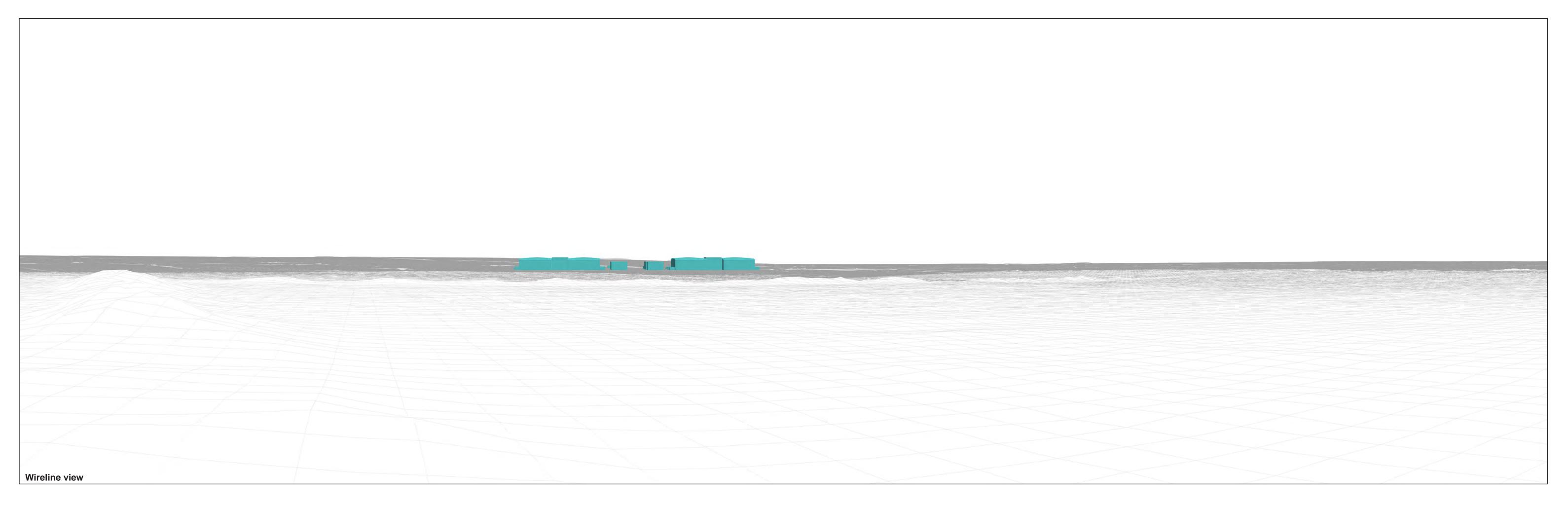






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Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 19/05/2022 11:05





Vertical field of view: 27°
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Correct printed image size: 820 x 250 mm

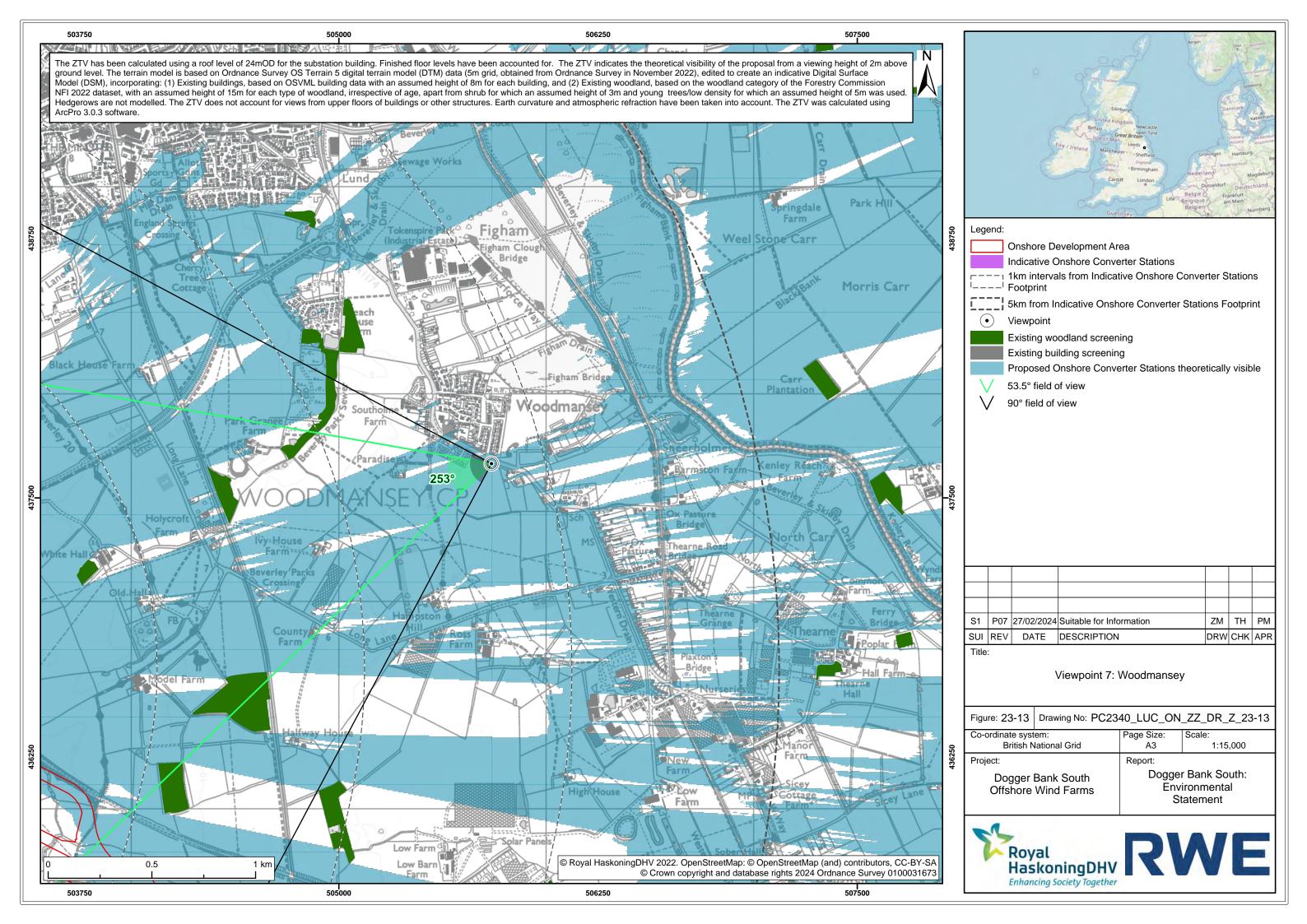
Data Sources:
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Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023





Vertical field of view:

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
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Paper size: 841 x 297 mm (half A1) Correct printed image size: 820 x 250 mm





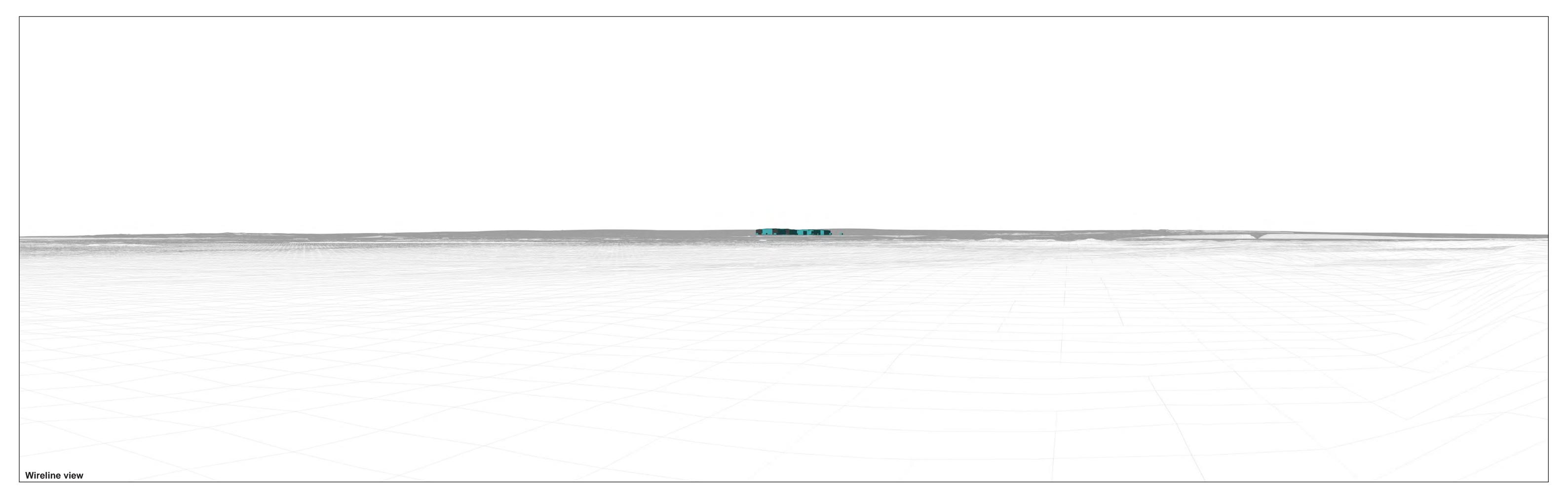


OS reference: 505736 E 437665 N
AOD (Above Ordnance Datum): 3.22 m
Direction of view: 253°

Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 17/01/2022 10:52





OS reference: 505736 E 437665 N
AOD (Above Ordnance Datum): 3.22 m
Direction of view: 253° Horizontal field of view: 90° (cylindrical projection) Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Data Sources:
Topography Digital Terrain Model (DTM) uses 1m National LiDAR programme (2020) Enivronment Agency data and Ordnance Survey OST50 data.
Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023



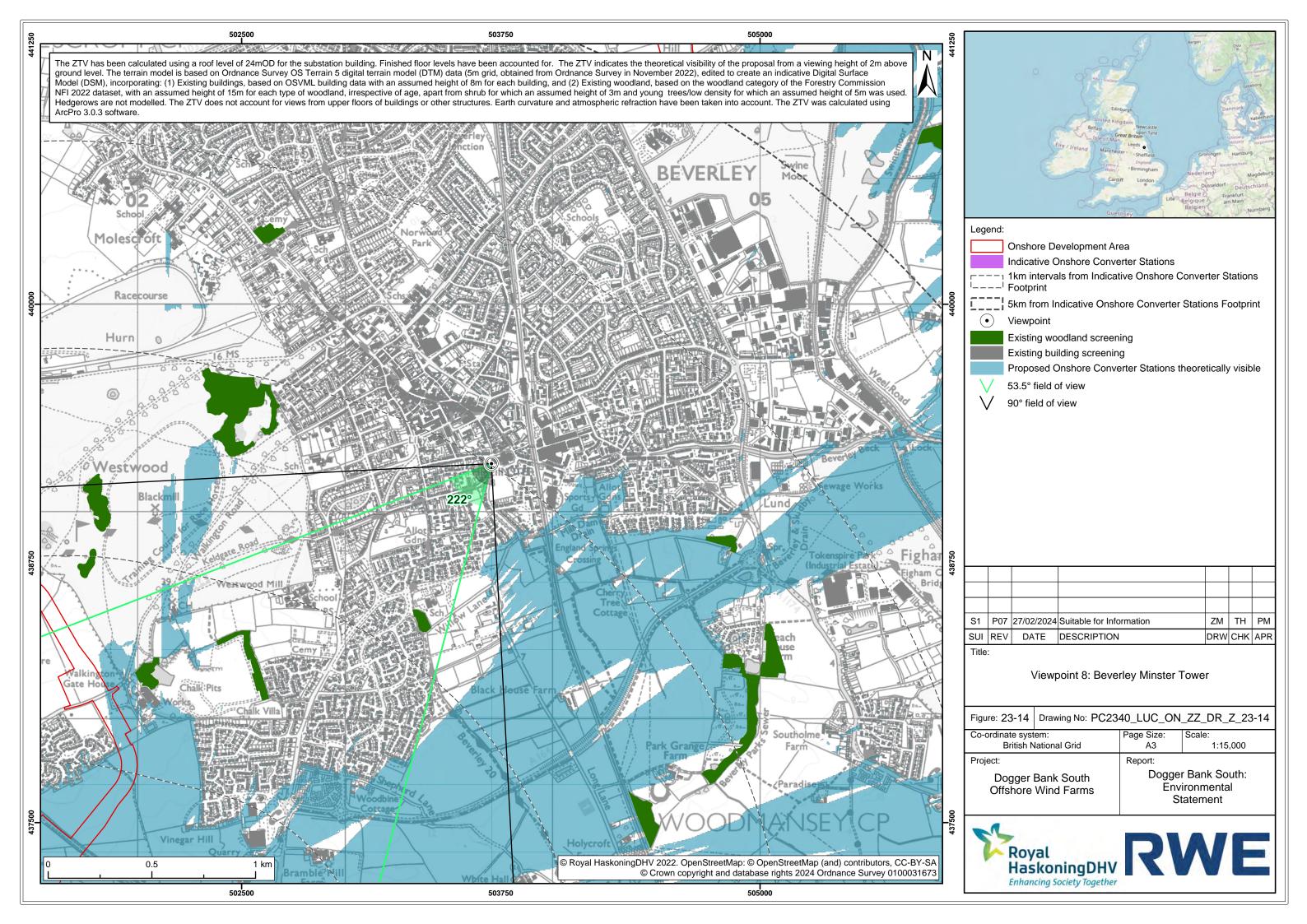


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Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

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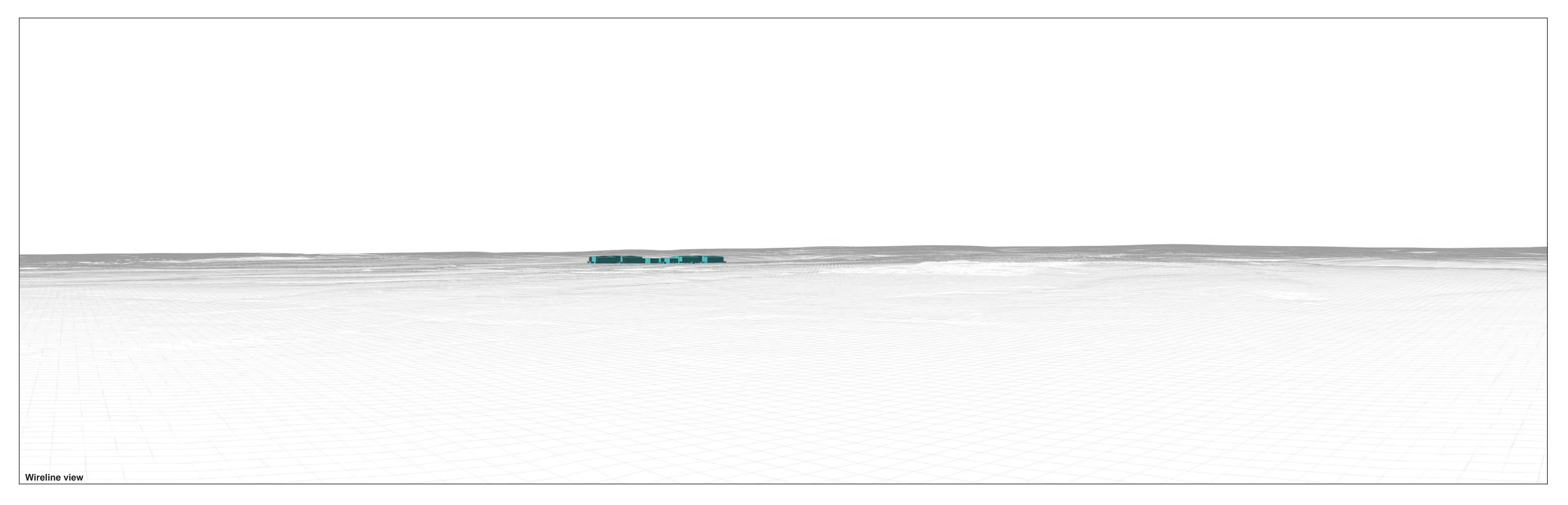




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AOD (Above Ordnance Datum): 27.51 m
Direction of view: 222° Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 29/09/2023 10:57





OS reference: 503700 L ...
AOD (Above Ordnance Datum): 27.51 m
222° 503705 E 439231 N Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Topography Digital Terrain Model (DTM) uses 1m National LiDAR programme (2020) Enivronment Agency data and Ordnance Survey OST50 data. Platform height of Western HVDC at 33.45m AOD and Eastern HVDC at 30.4m provided by Royal Haskoning on 12/10/2023





OS reference: 503700 L ...
AOD (Above Ordnance Datum): 27.51 m
222°
222° 503705 E 439231 N Horizontal field of view: 90° (cylindrical projection)

Vertical field of view:

Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 29/09/2023 10:57





OS reference: 503705 L...

AOD (Above Ordnance Datum): 27.51 m

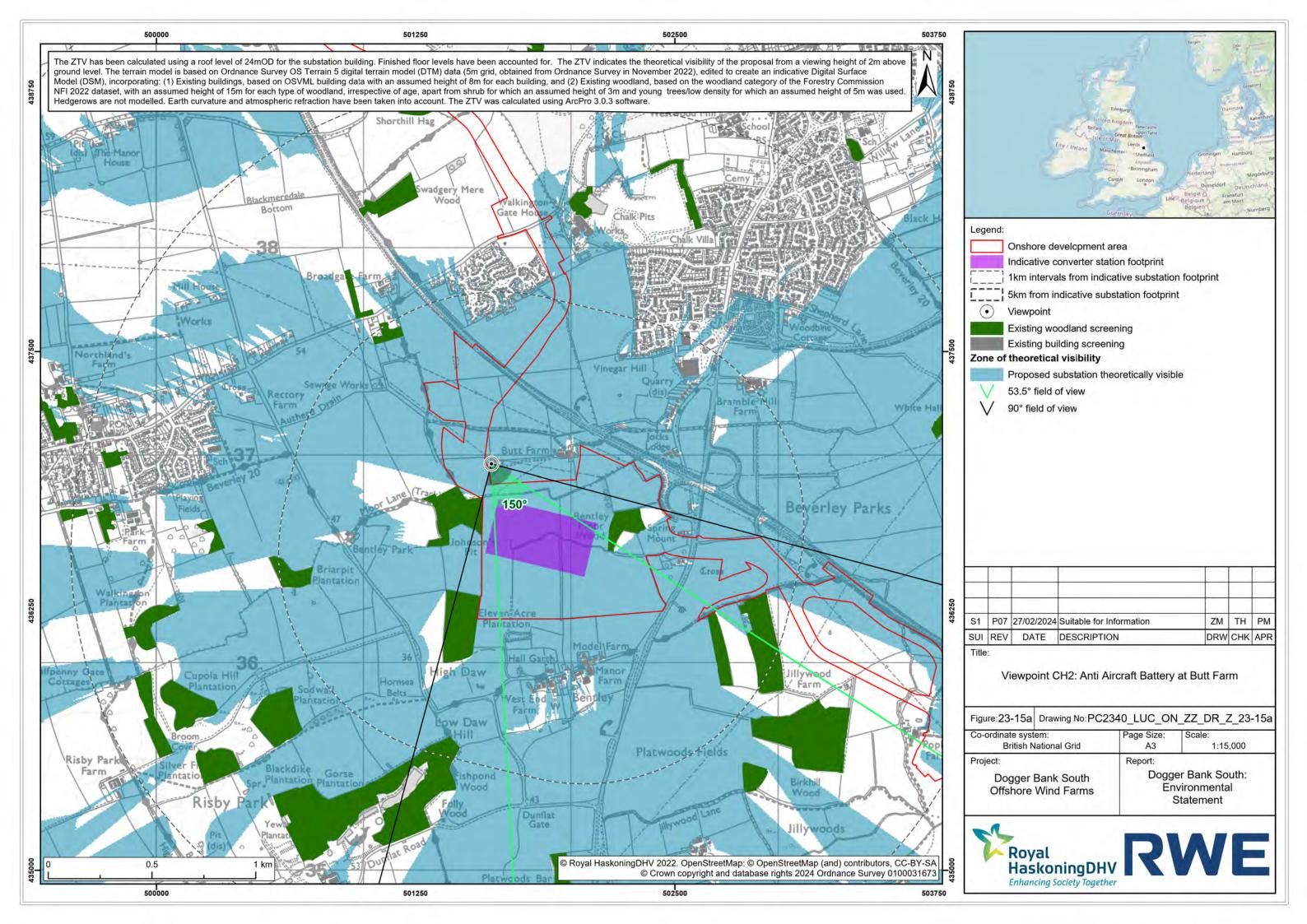
222°

222° 503705 E 439231 N Horizontal field of view: 90° (cylindrical projection)

Vertical field of view:

Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1) Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 29/09/2023 10:57







OS reference: 501616 E 436959 N
AOD (Above Ordnance Datum): 38.38 m
Direction of view: 150°

Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 17/01/2023 13:09





OS reference: 501616 E 436959 N
AOD (Above Ordnance Datum): 38.38 m
Direction of view: 150°

Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 250 mm

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Lens: Nikkor AF 50mm f/1.8D
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Date and time: 17/01/2023 13:09



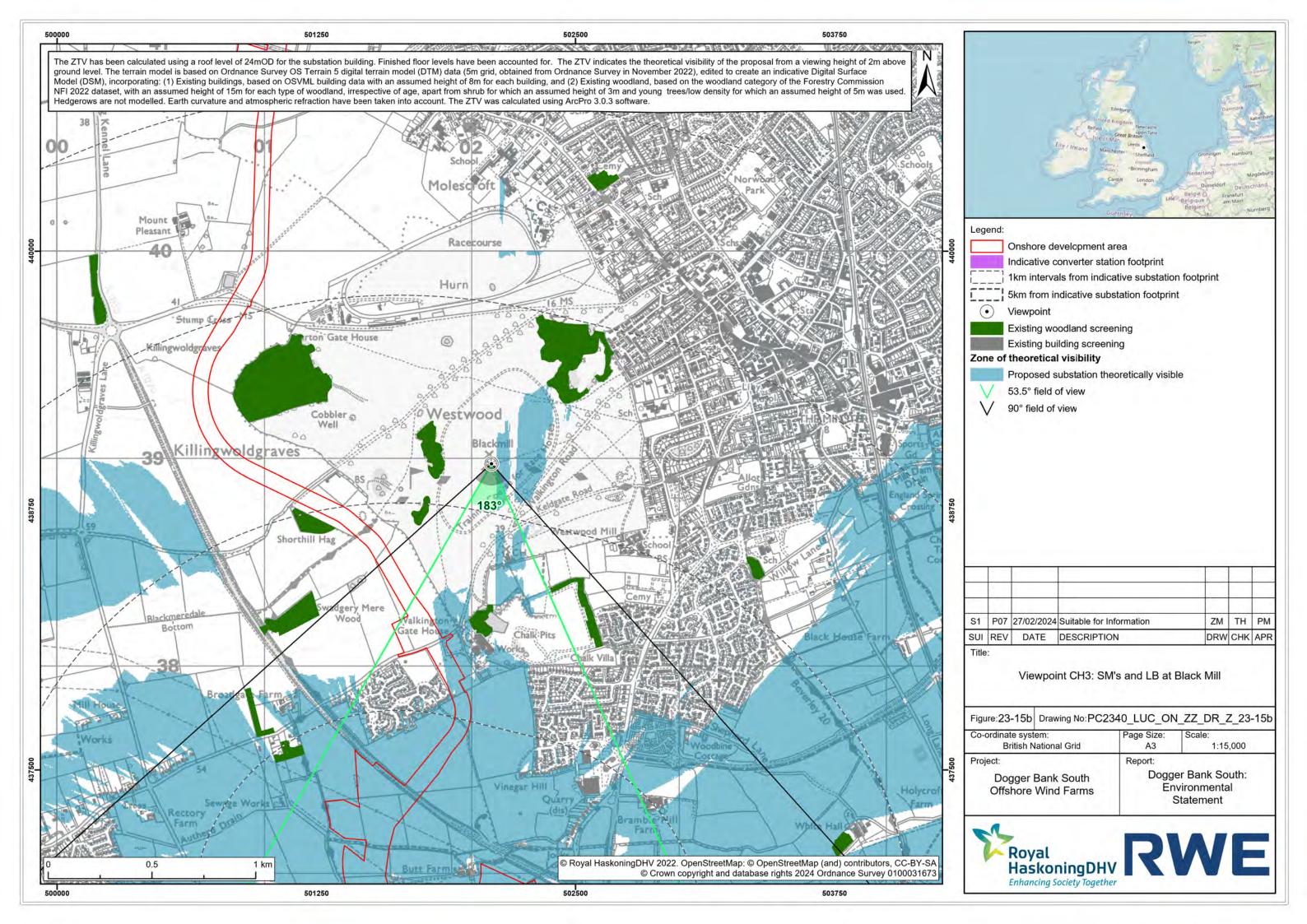


OS reference: 501616 E 436959 N AOD (Above Ordnance Datum): 38.38 m Direction of view: 150°

Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
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Paper size: 841 x 297 mm (half A1)
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Date and time: 17/01/2023 13:09





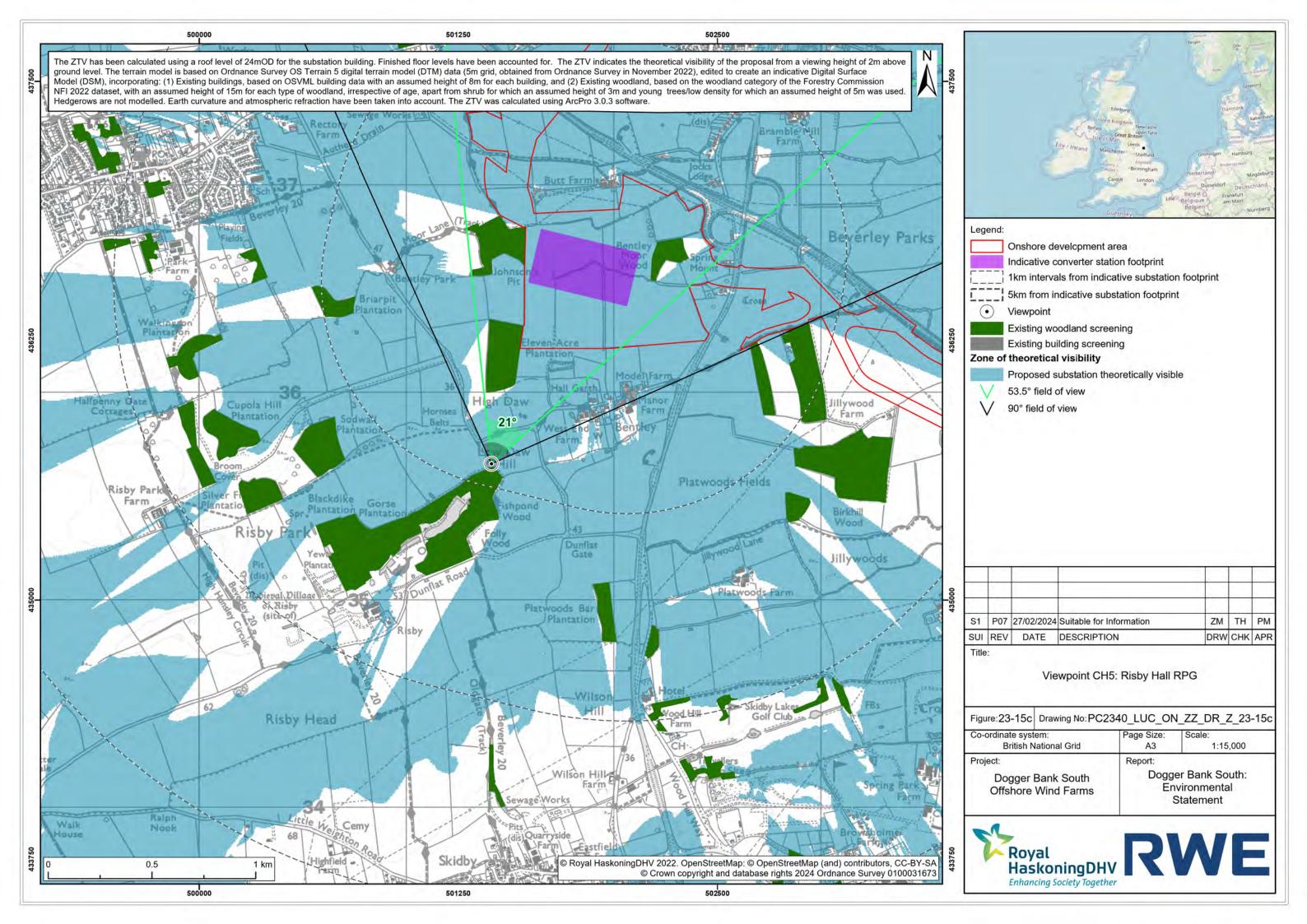


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Vertical field of view: 27°
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Date and time: 17/01/2023 13:43







OS reference: 501410 E 435656 N AOD (Above Ordnance Datum): 37 m Direction of view: 21°

Horizontal field of view: 90° (cylindrical projection)

Vertical field of view: 27°
Image Enlargement Factor: 96%
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Correct printed image size: 820 x 250 mm

Camera: NIKON D750
Lens: Nikkor AF 50mm f/1.8D
Camera height: 1.5 m (above AOD)
Date and time: 17/01/2023 13:42