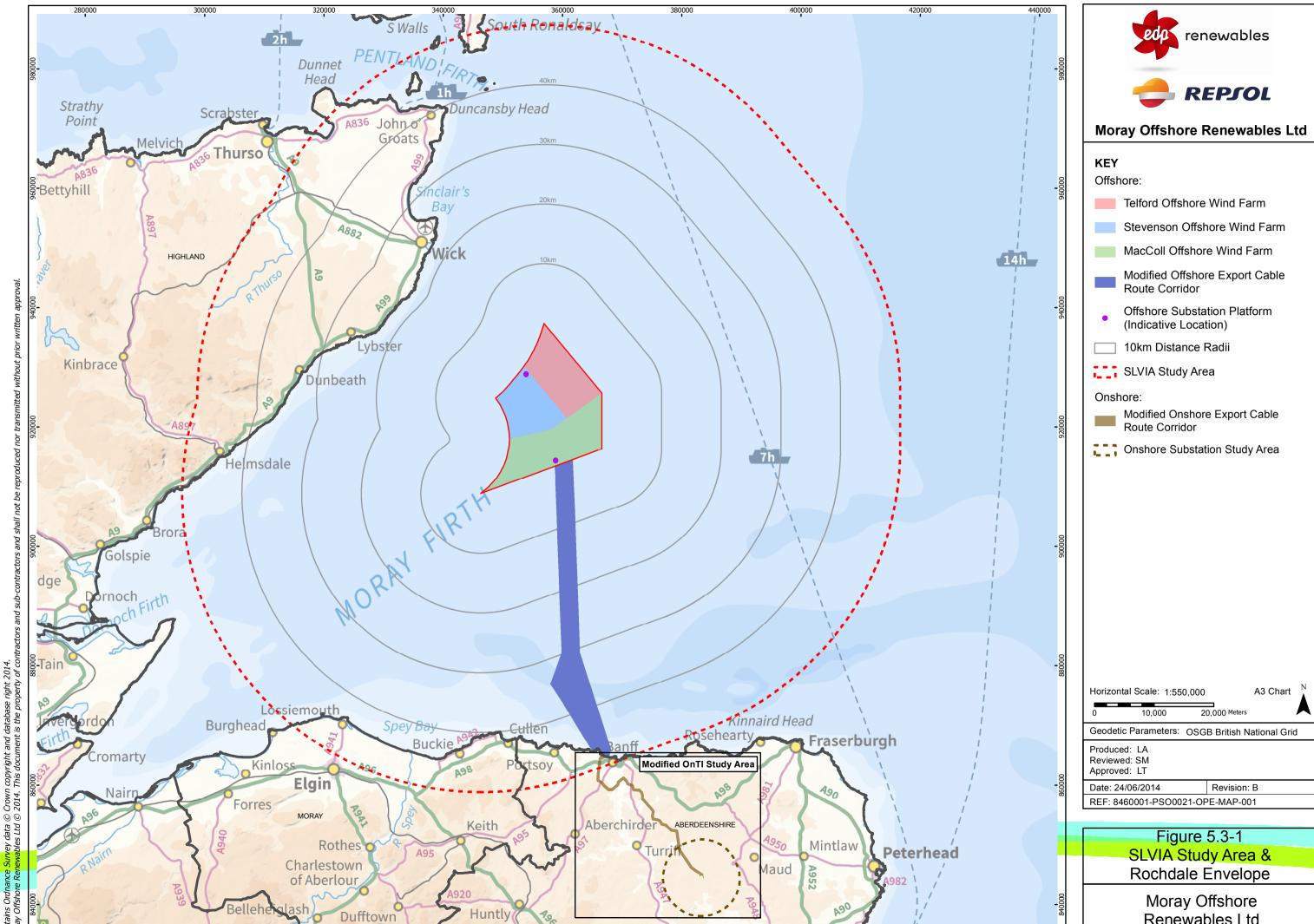
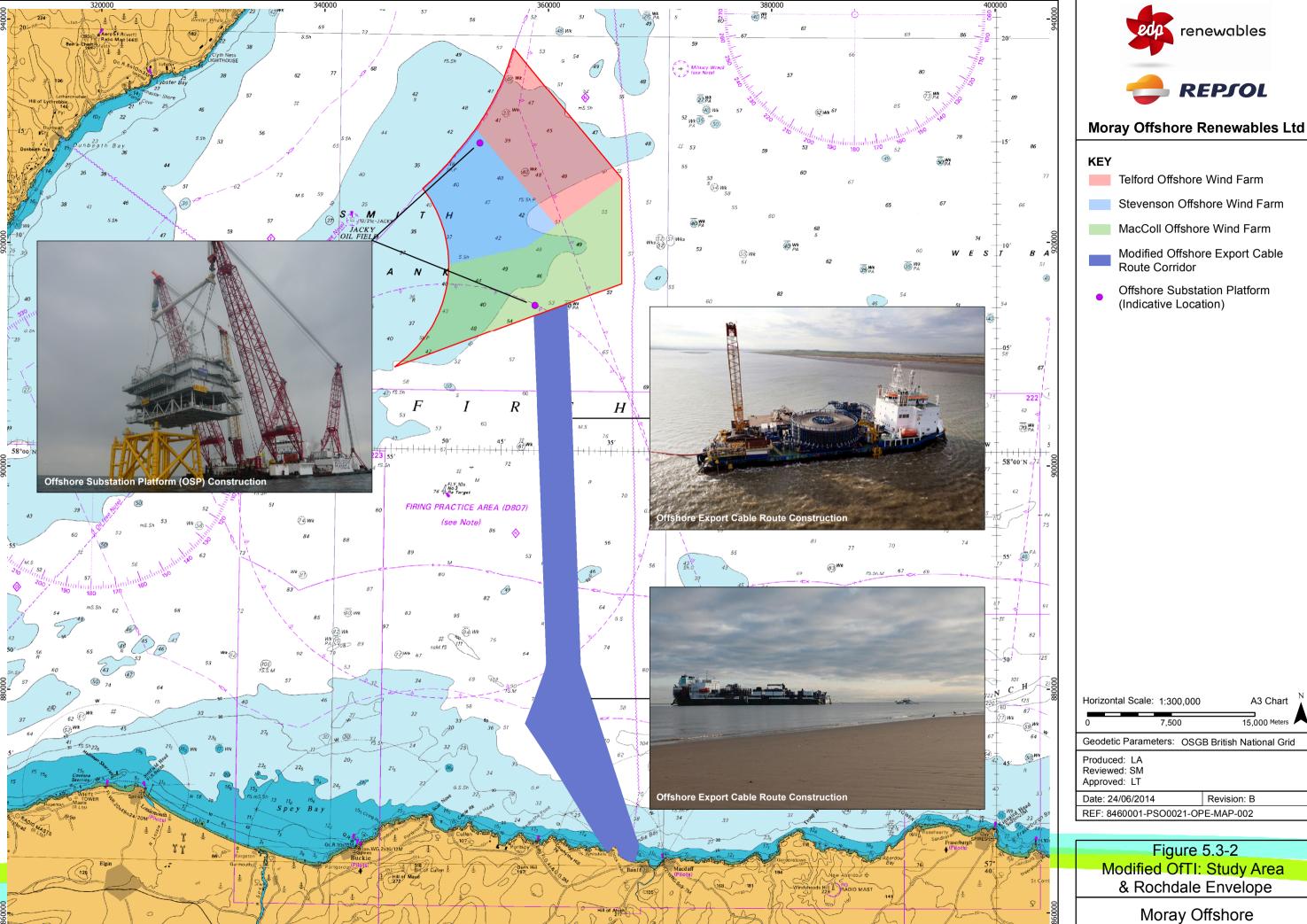
## FIGURE NO. FIGURE NAME

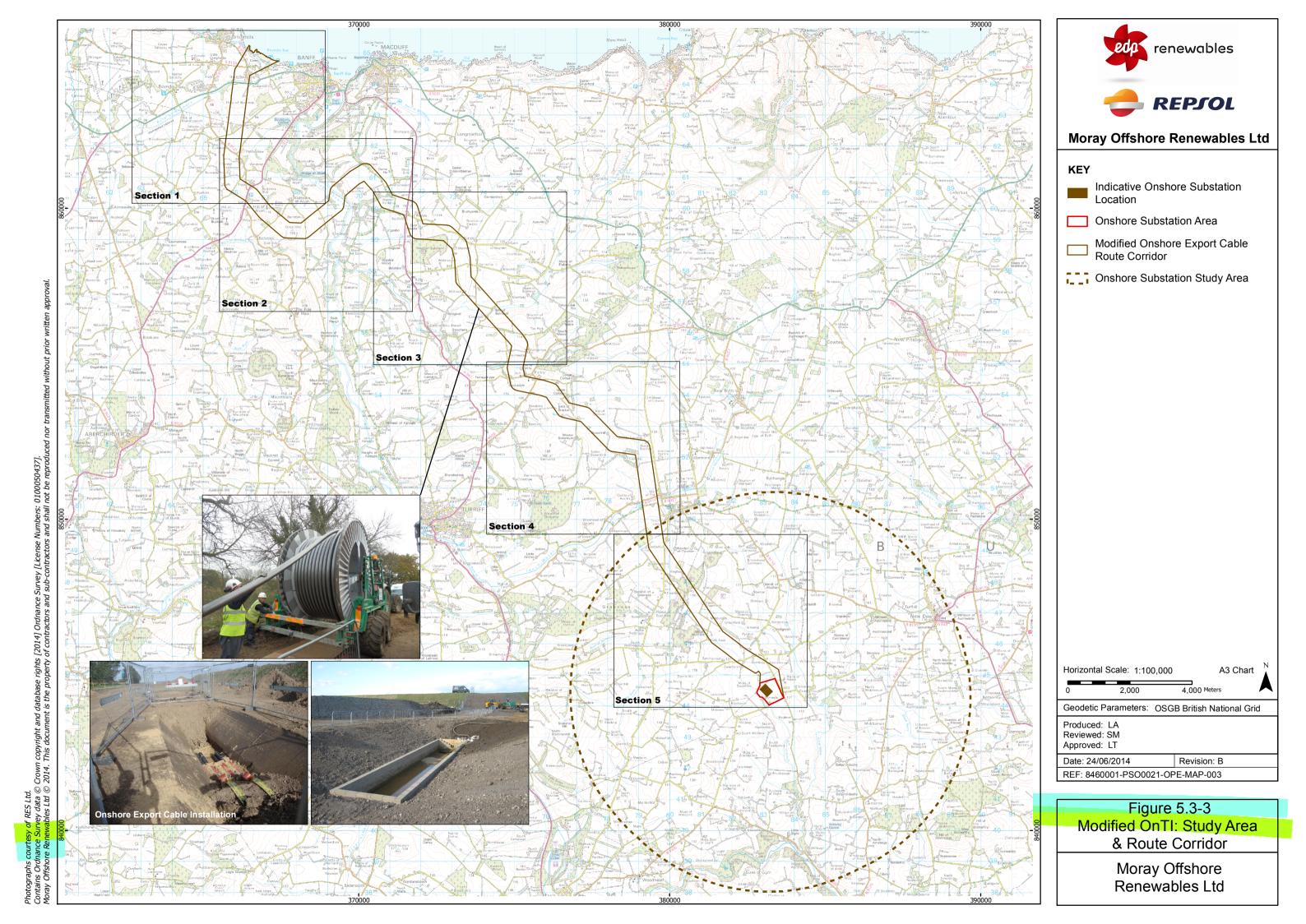
Project Envelope and Study Areas			
5.3-1	SLVIA Study Area and Rochdale Envelope		
5.3-2	Modified OfTI: Study Area and Rochdale Envelope		
5.3-3	Modified OnTI: Study Area and Route Corridor		
5.3-4	Modified Export Cable Landfall(s): Rochdale Envelope		
5.3-5	Onshore Substations: Rochdale Envelope		
Baseline Information			
5.3-6	Modified OfTI: Seascape Character (Context)		
5.3-7	Modified OfTI: Visual Receptors and Viewpoints (Context)		
5.3-8	Modified OfTI: Seascape/Landscape Character		
5.3-9	Modified OfTI: Visual Receptors and Viewpoints		
5.3-10	Modified OnTI: Landscape and Coastal Character		
5.3-11	Modified OnTI: Landscape and Coastal Designations		
5.3-12	Modified OnTI: Visual Receptors		
5.3-13	Onshore Substation Study Area: Landscape Character and Designations		
5.3-14	Onshore Substation Area: Baseline Woodland Context		
5.3-15	Onshore Substation Study Area: ZTV, Visual Receptors and Viewpoints		
5.3-16	Onshore Substation Area: Site Analysis		
Impact Assessment			
5.3-17	Viewpoint 25: Inverboyndie Bay		
5.3-18	Modified OnTI: Section 1 Landscape Character and Elements		
5.3-19	Modified OnTI: Section 2 Landscape Character and Elements		
5.3-20	Modified OnTI: Section 3 Landscape Character and Elements		
5.3-21	Modified OnTI: Section 4 Landscape Character and Elements		

5.3-22	Modified OnTI: Section 5 Landscape Character and Element		
5.3-23	Modified OnTI: Section 1 Visual Receptors		
5.3-24	Modified OnTI: Section 2 Visual Receptors		
5.3-25	Modified OnTI: Section 3 Visual Receptors		
5.3-26	Modified OnTI: Section 4 Visual Receptors		
5.3-27	Modified OnTI: Section 5 Visual Receptors		
5.3-28	Onshore Substation Area: Woodland Mitigation Concepts		
5.3-29	Onshore Substation Area: Landscape Mitigation Proposals		
5.3-30	Viewpoint 1: Upper Mains of Asleid (Existing View / Visual Representation / Photomontage)		
5.3-31	Viewpoint 2: Burnside of Millbrex (Existing View / Visual Representation / Photomontage)		
5.3-32	Viewpoint 3: The Neuk (Existing View / Visual Representation / Photomontage)		
5.3-33	Viewpoint 4: Upper Burnside (Existing View / Visual Representation / Photomontage)		
5.3-34	Viewpoint 5: North Millbrex (Existing View / Visual Representation / Photomontage)		
5.3-35	Viewpoint 6: Upperton (Existing View / Visual Representation / Photomontage)		
5.3-36	Viewpoint 7: B9170 near New Deer (Existing View / Visual Representation / Photomontage)		
5.3-37	Viewpoint 8: Culsh Hill (near Culsh Monument) (Existing View / Visual Representation / Photomontage)		
Cumulative Impact Assessment			

5.3-38 Modified OnTI: Cumulative Development Context



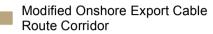






# **Moray Offshore Renewables Ltd**

Modified Offshore Export Cable Route Corridor



Note - Pictures illustrate landfall construction.

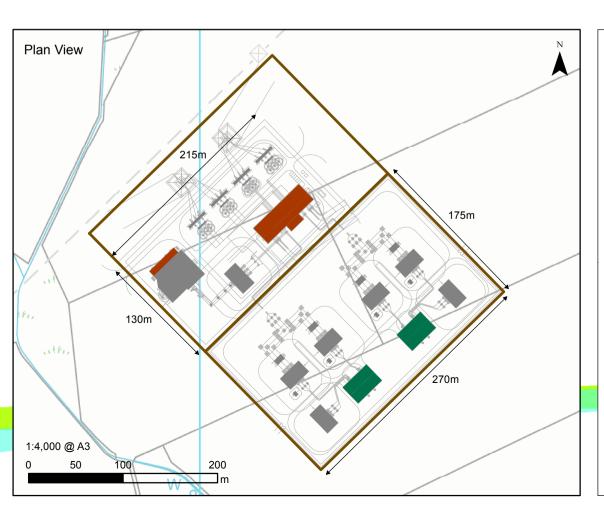
1,000 Meters Geodetic Parameters: OSGB British National Grid

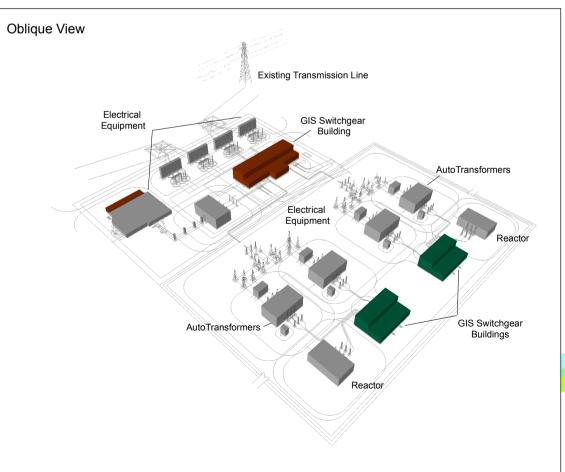
A3 Chart

Revision: B

REF: 8460001-PSO0021-OPE-MAP-004

# Figure 5.3-4 Modified Export Cable Landfall(s): Rochdale Envelope







## Moray Offshore Renewables Ltd

## KEY

Indicative Onshore Substation Location

MORL Substation Layout:

Substation Building Development Envelope

Electrical Equipment
Development Envelope

Transmission Owner Substation Layout:

Substation Building Development Envelope

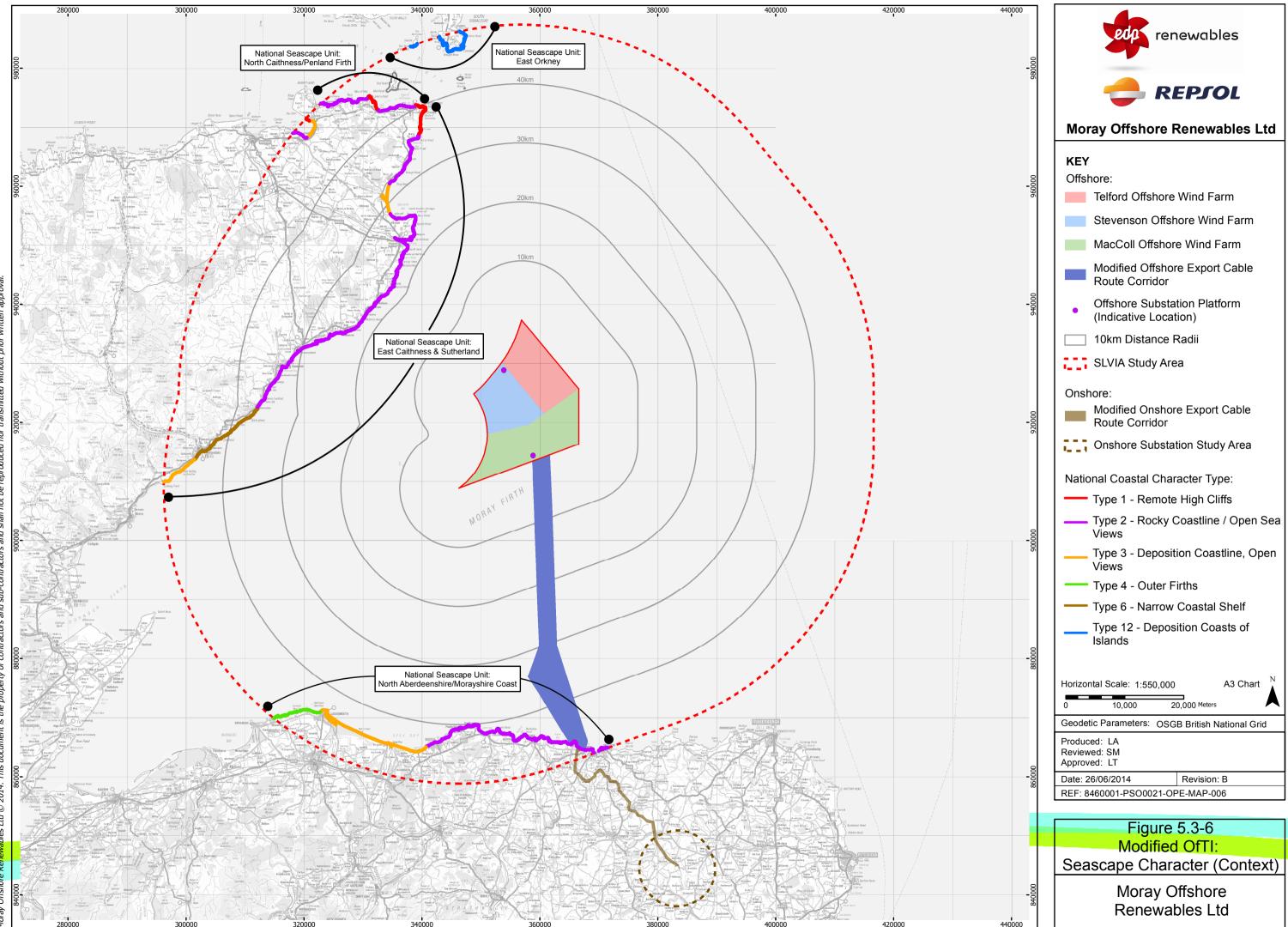
Electrical Equipment
Development Envelope

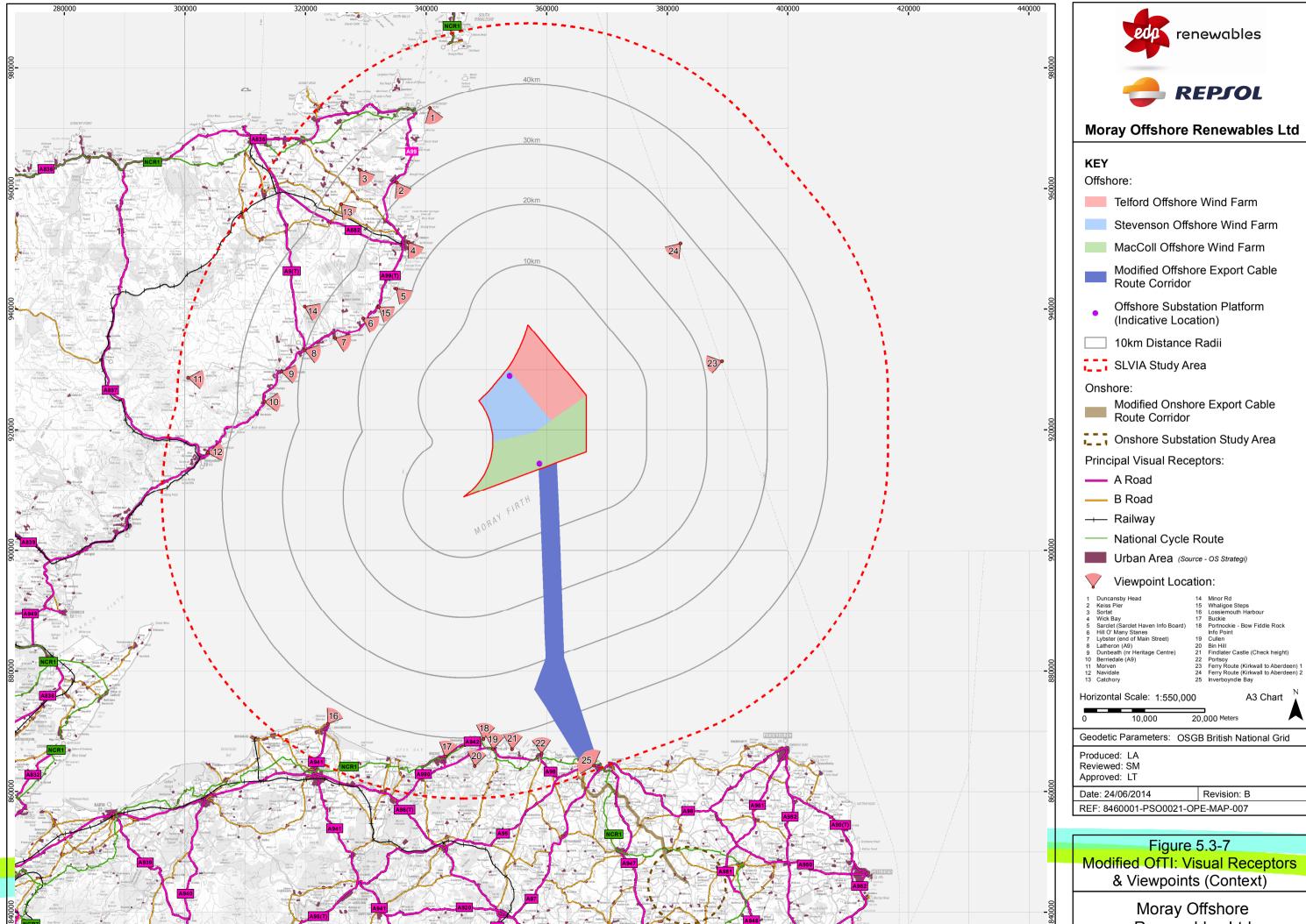
Geodetic Parameters: OSGB British National Grid

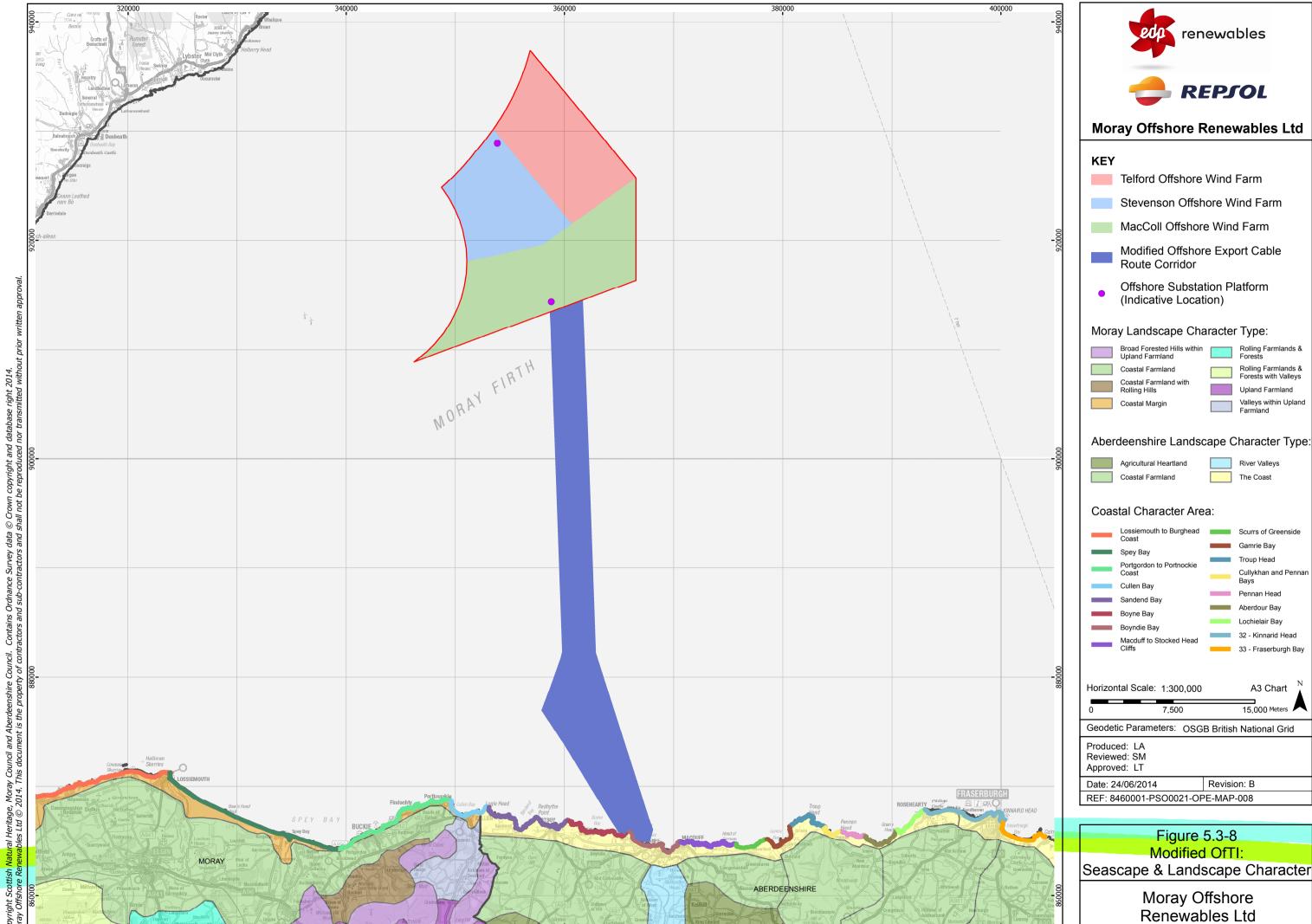
Produced: LA Reviewed: SM Approved: LT

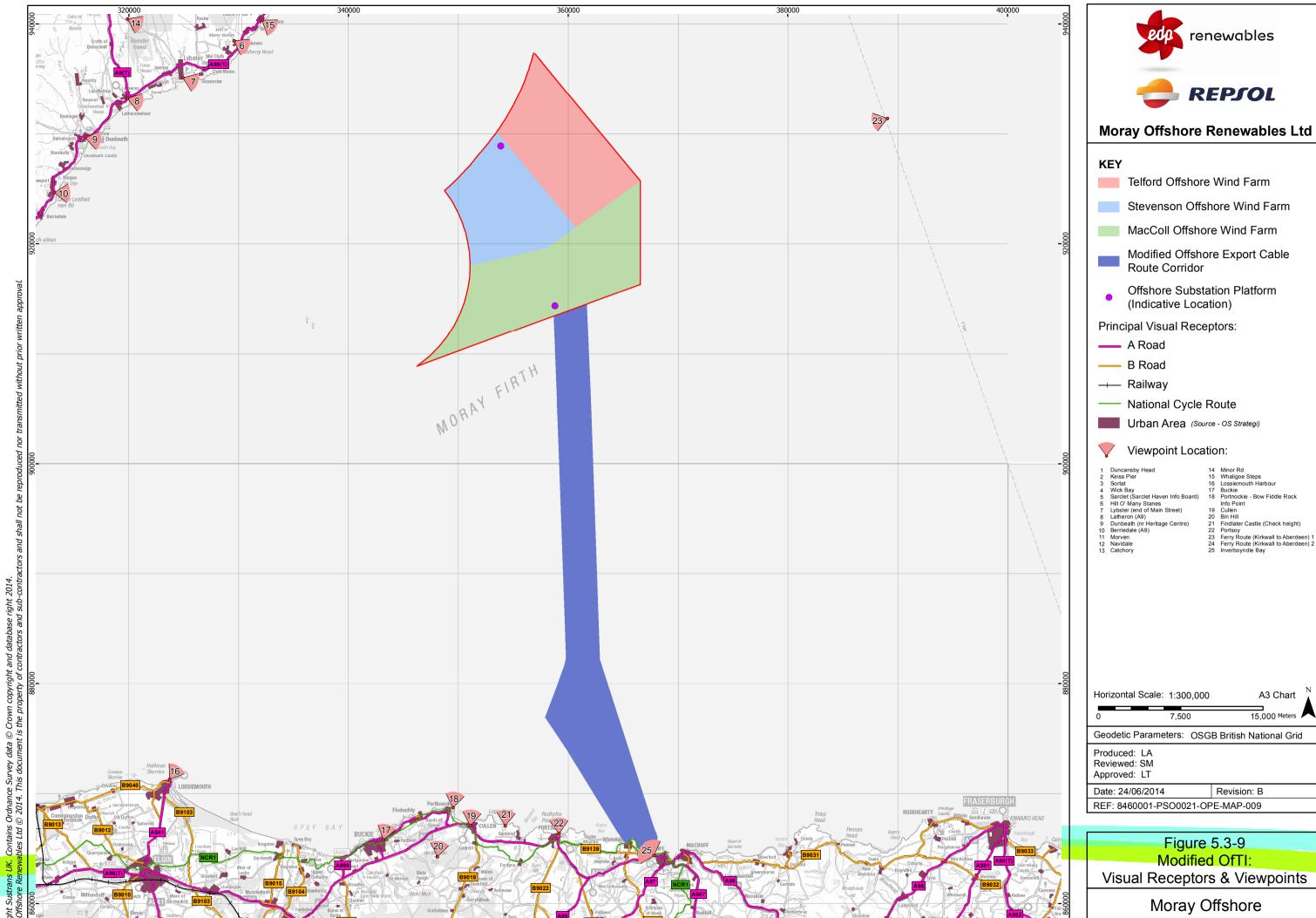
Date: 24/06/2014 Revision: B
REF: 8460001-PSO0021-OPE-MAP-005

Figure 5.3-5
Onshore Substations:
Rochdale Envelope



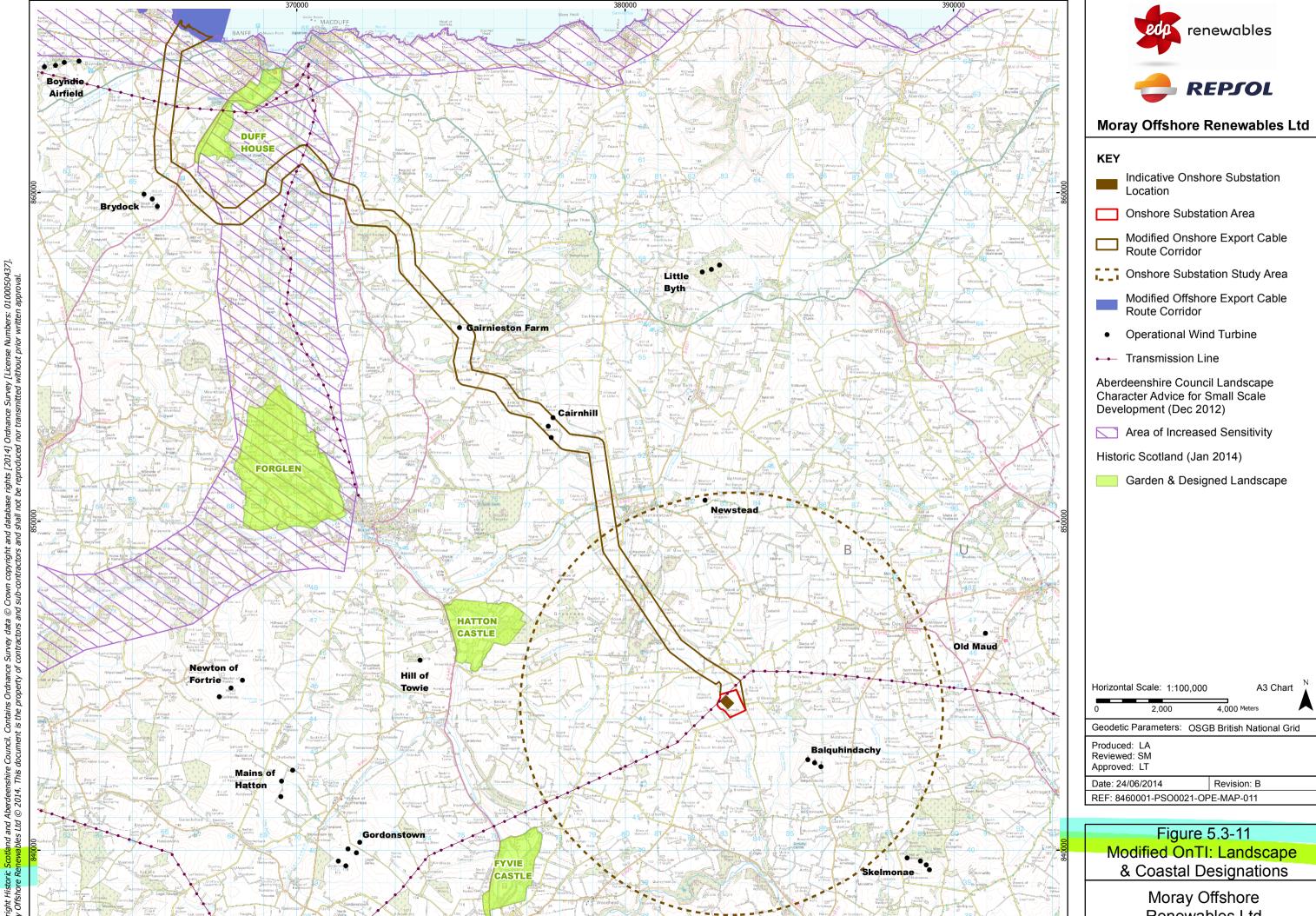


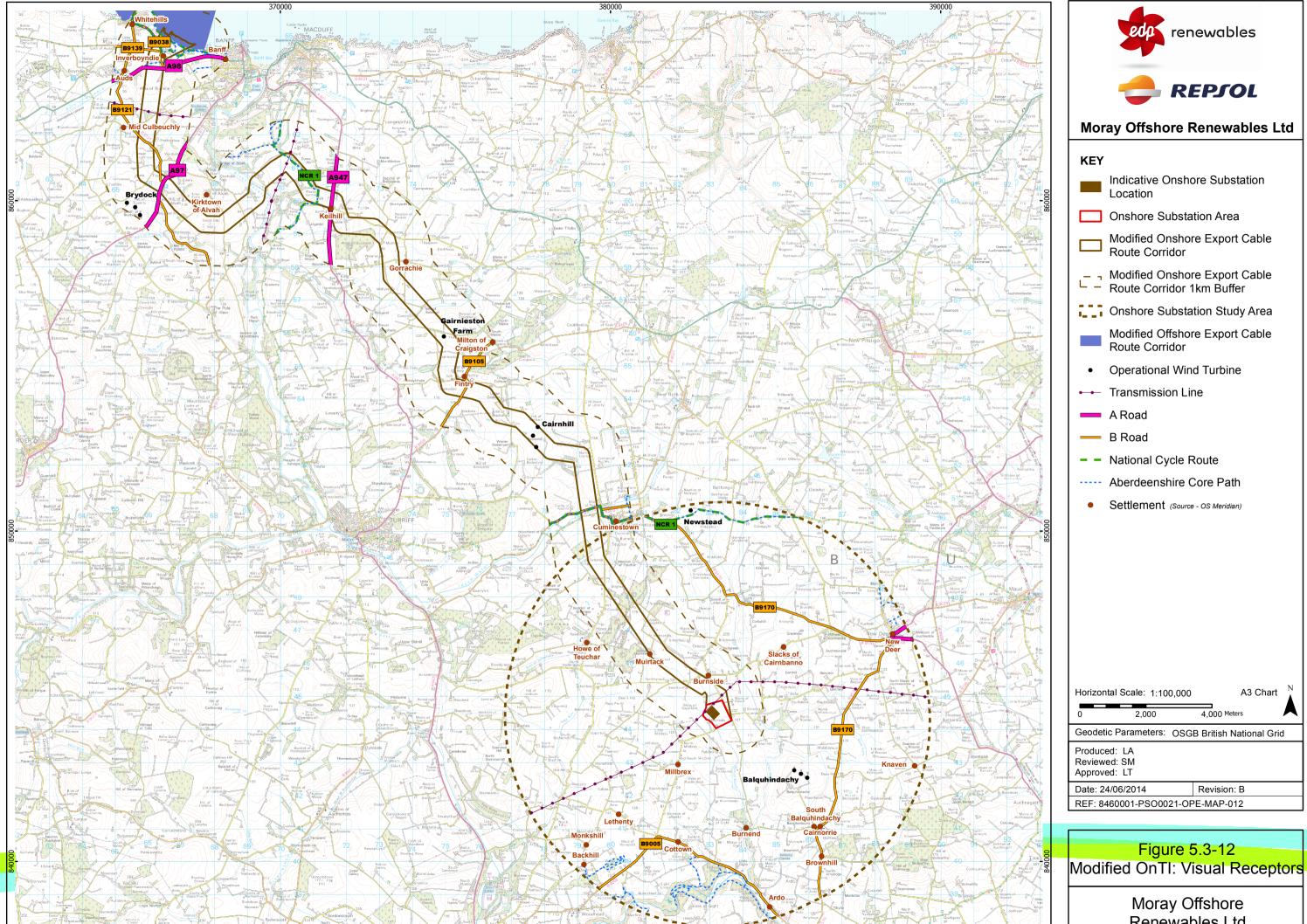




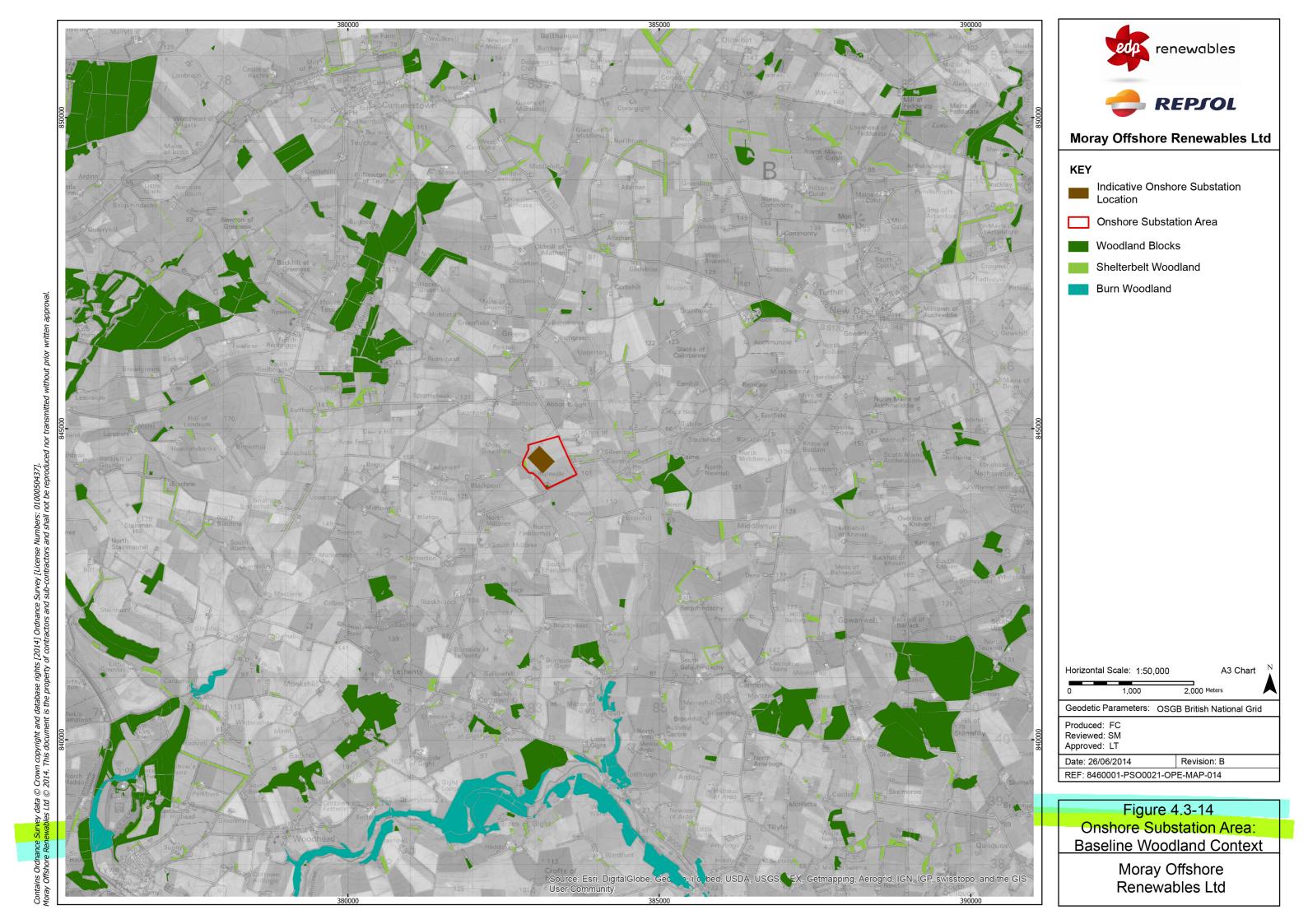
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Aberdeenshire Landscape Character Type:





# Onshore Substation Area Transmission Line Surrounding Properties Main Direction of View

Main Direction of View

Minor Roads

Surface Water

Contours (5m)

Field Boundaries:

I I I Traditional drystone walls/
Consumption dykes

Post & Wire Fencing

Existing Woodland

Horizontal Scale: 1:10,000

A3 Chart

50 50

Geodetic Parameters: OSGB British National Grid

Produced: FC Reviewed: SM Approved: LT

Date: 26/06/2014 Revision: B
REF: 8460001-PSO0021-OPE-MAP-016

Figure 5.3-16
Onshore Substation Area:
Site Analysis

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View Direction: 282 Degrees from North Viewpoint Elevation: 105m AOD

Horizontal Field of View: 144 (2 x 72) Degrees

Image Viewing Distance: 32cm Date & Time of Photo: 11/06/2014, 15:27

Scale in metres: 1: 10,000	Å	
Geodetic Parameters: OSGB British National Grid		
Produced: LA Reviewed: SM Approved: LT		
Date: 19/06/2014	Revision:	
Ref: 8460001-PSO0021-OPE-MAP-017		

Viewpoint 25: Inverboyndie Bay



**Existing view** from Inverboyndie Bay showing Cable Route Corridors.

Camera: Canon EOS 5D Mark II

Focal Length: 50mm

Horizontal Field of View: 72 degrees

Camera Height: 2m

Date: 11/06/14

# **Important Viewing Instructions**

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

Figure 5.3-17 (page 2 of 3)

Viewpoint 25: Inverboyndie Bay

Viewpoint Photograph



 $\textbf{Existing view} \ \text{from Inverboyndie Bay showing Cable Route Corridors}.$ 

Camera: Canon EOS 5D Mark II

Focal Length: 50mm

Horizontal Field of View: 72 degrees

Camera Height: 2m

Date: 11/06/14

# Important Viewing Instructions

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

Figure 5.3-17 (page 3 of 3)

Viewpoint 25: Inverboyndie Bay

Viewpoint Photograph

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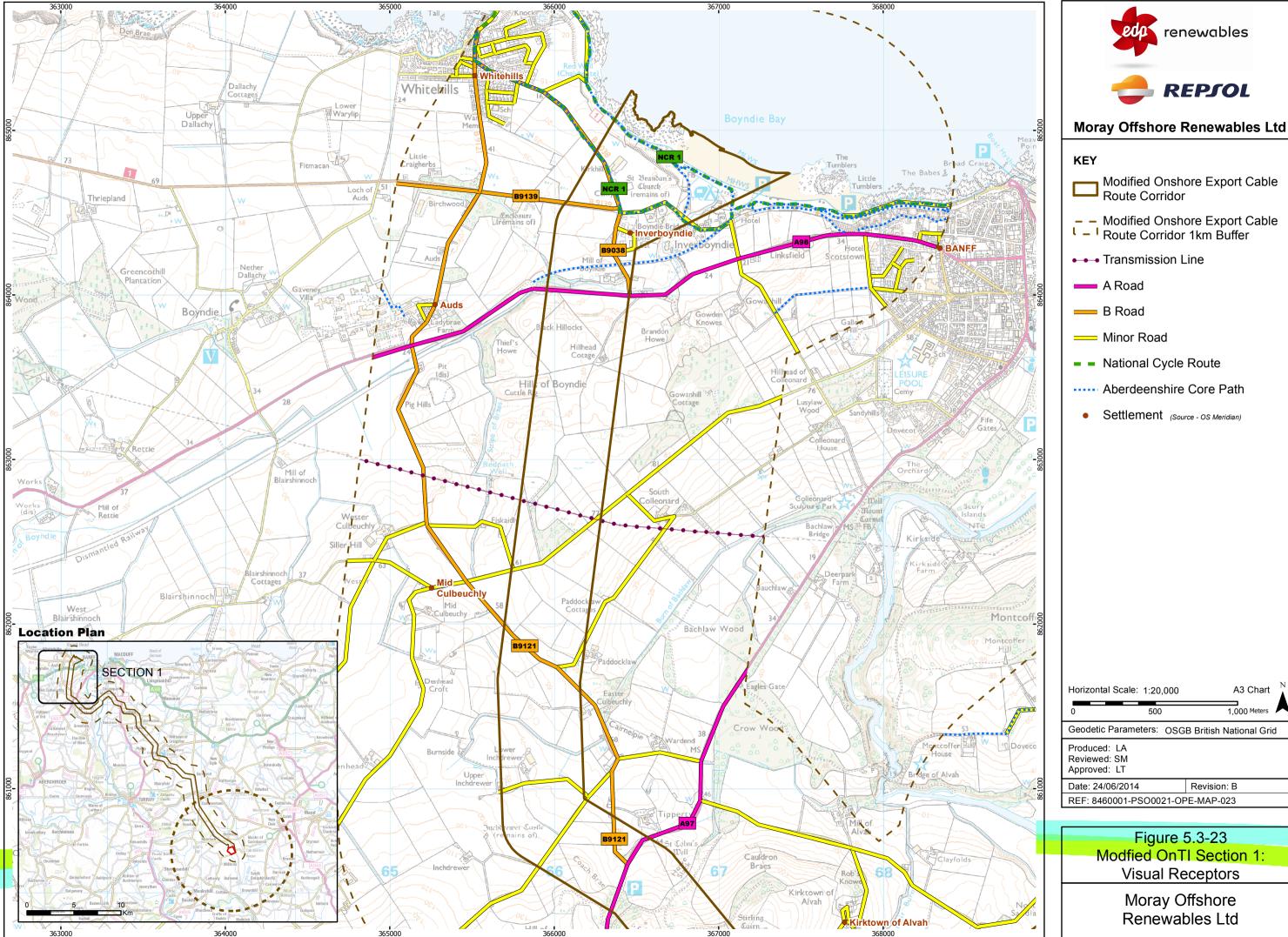
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**Moray Offshore Renewables Ltd** 1,000 Meters

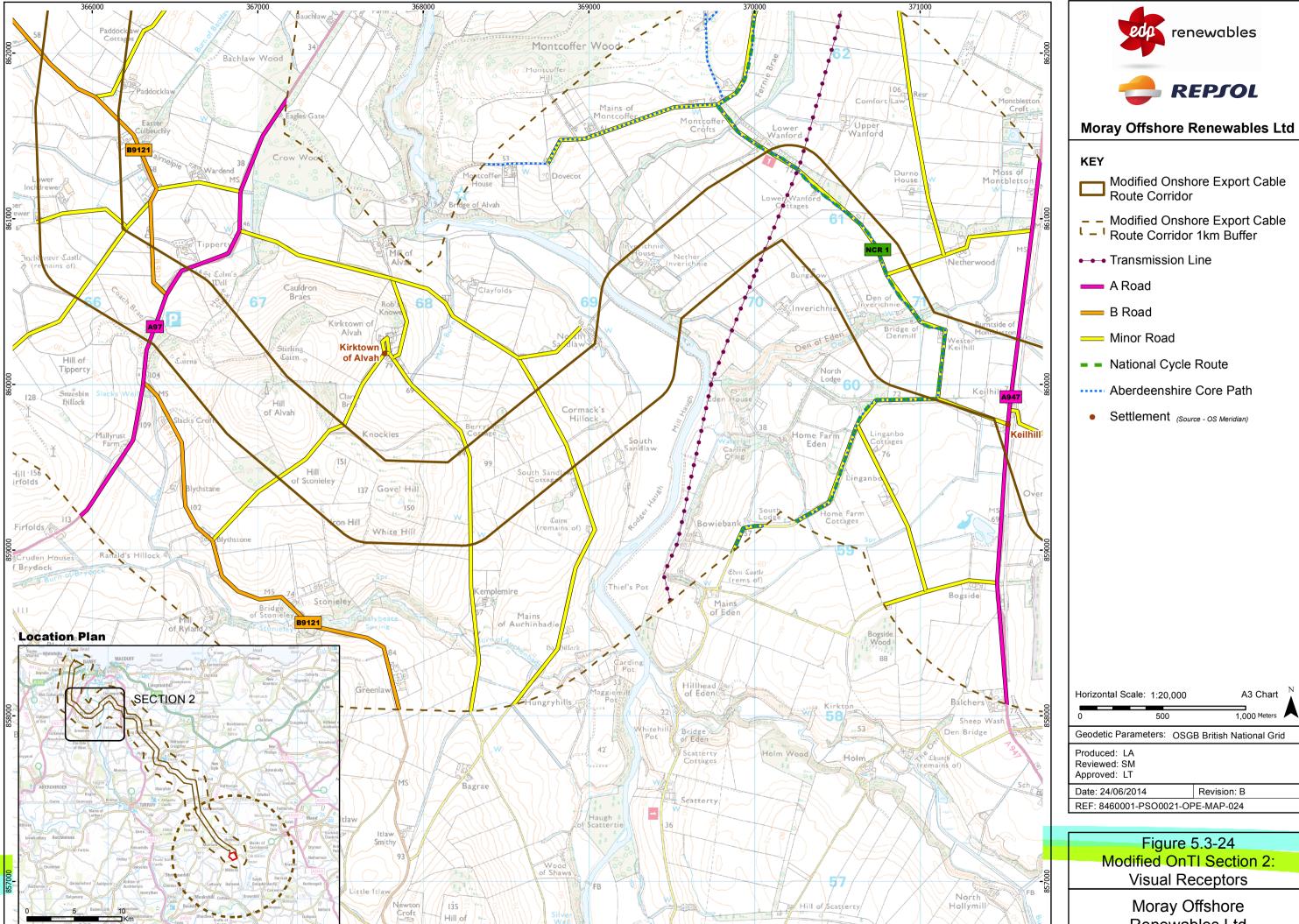
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**Moray Offshore Renewables Ltd** 1,000 Meters

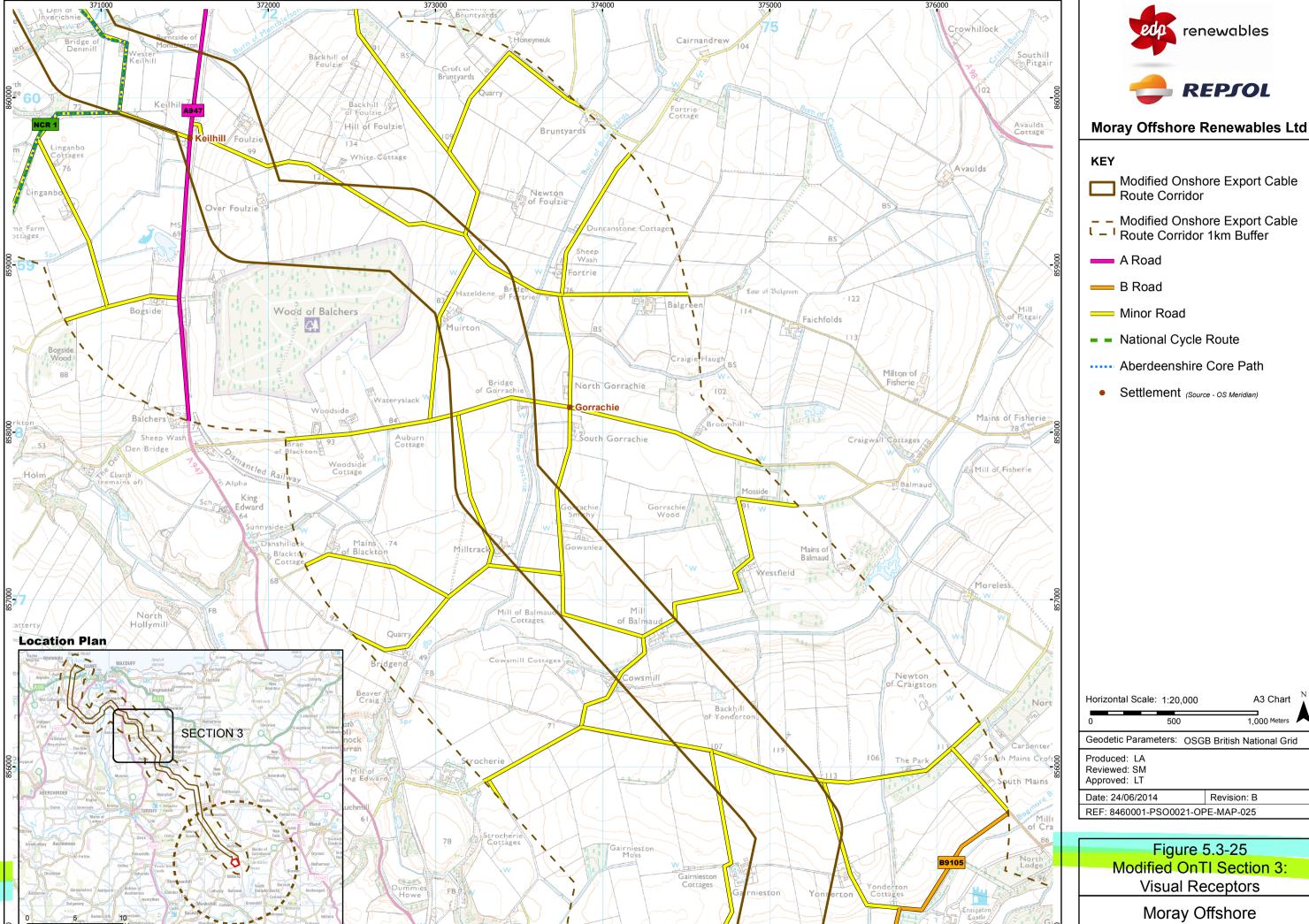


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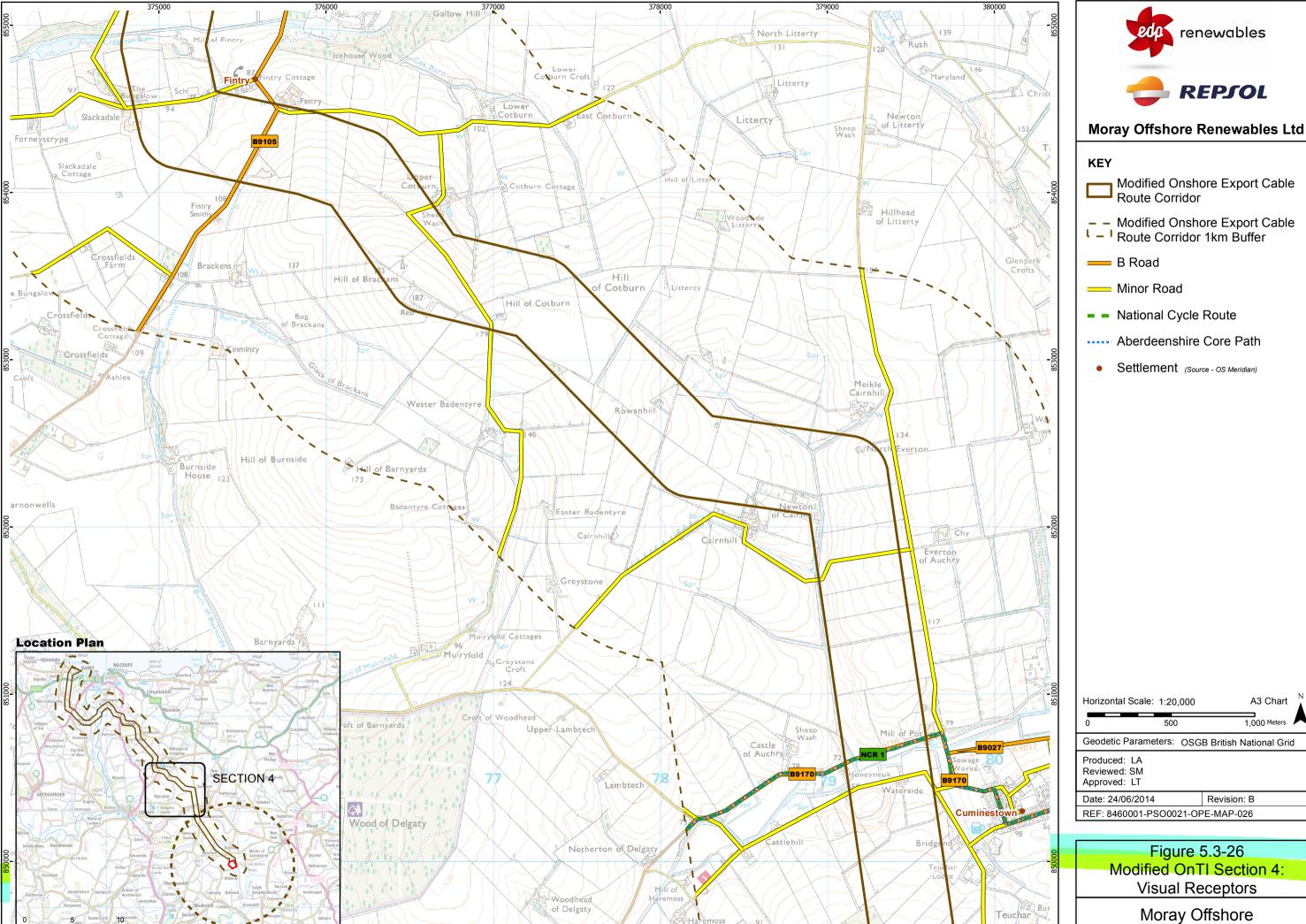
A3 Chart



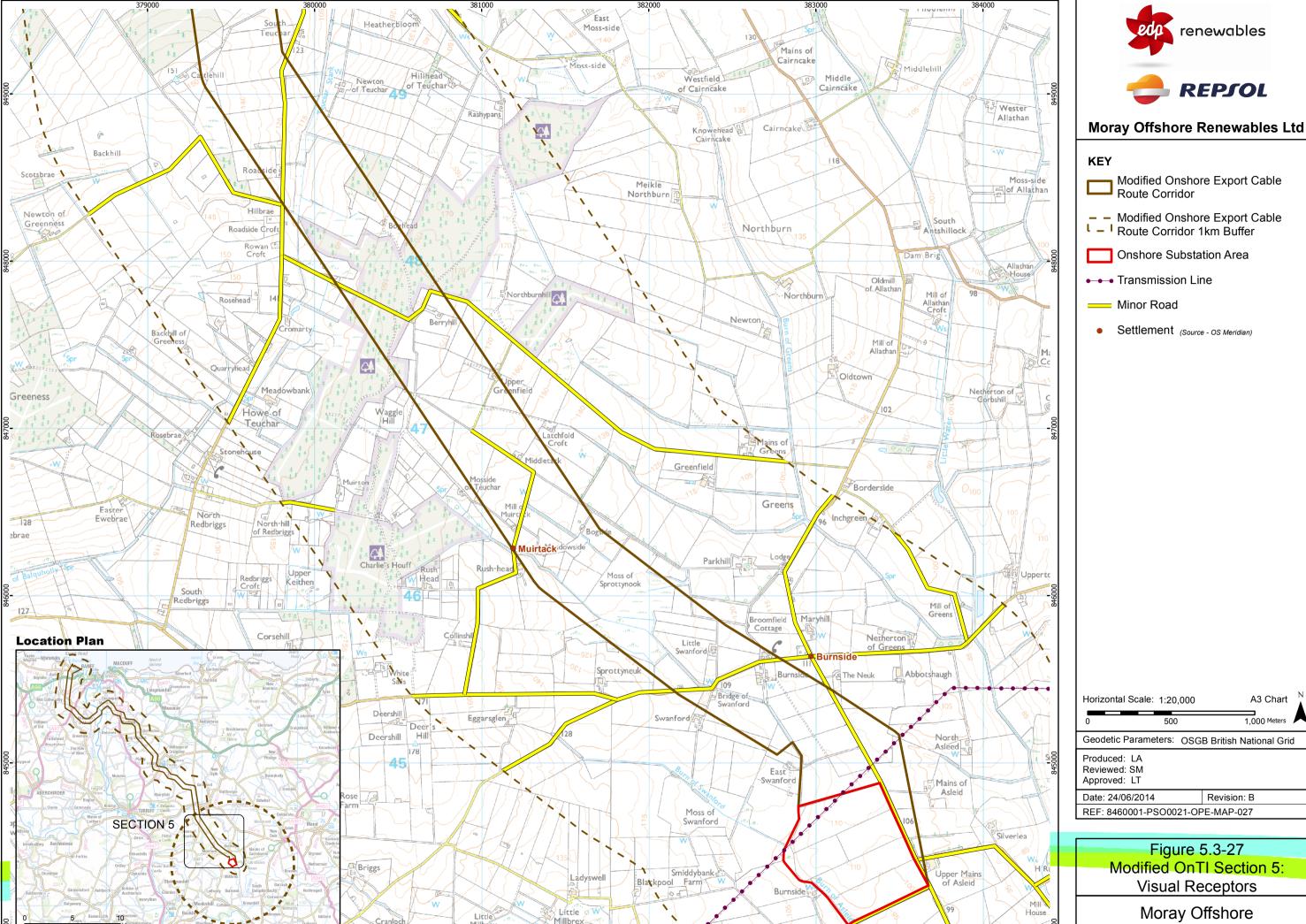
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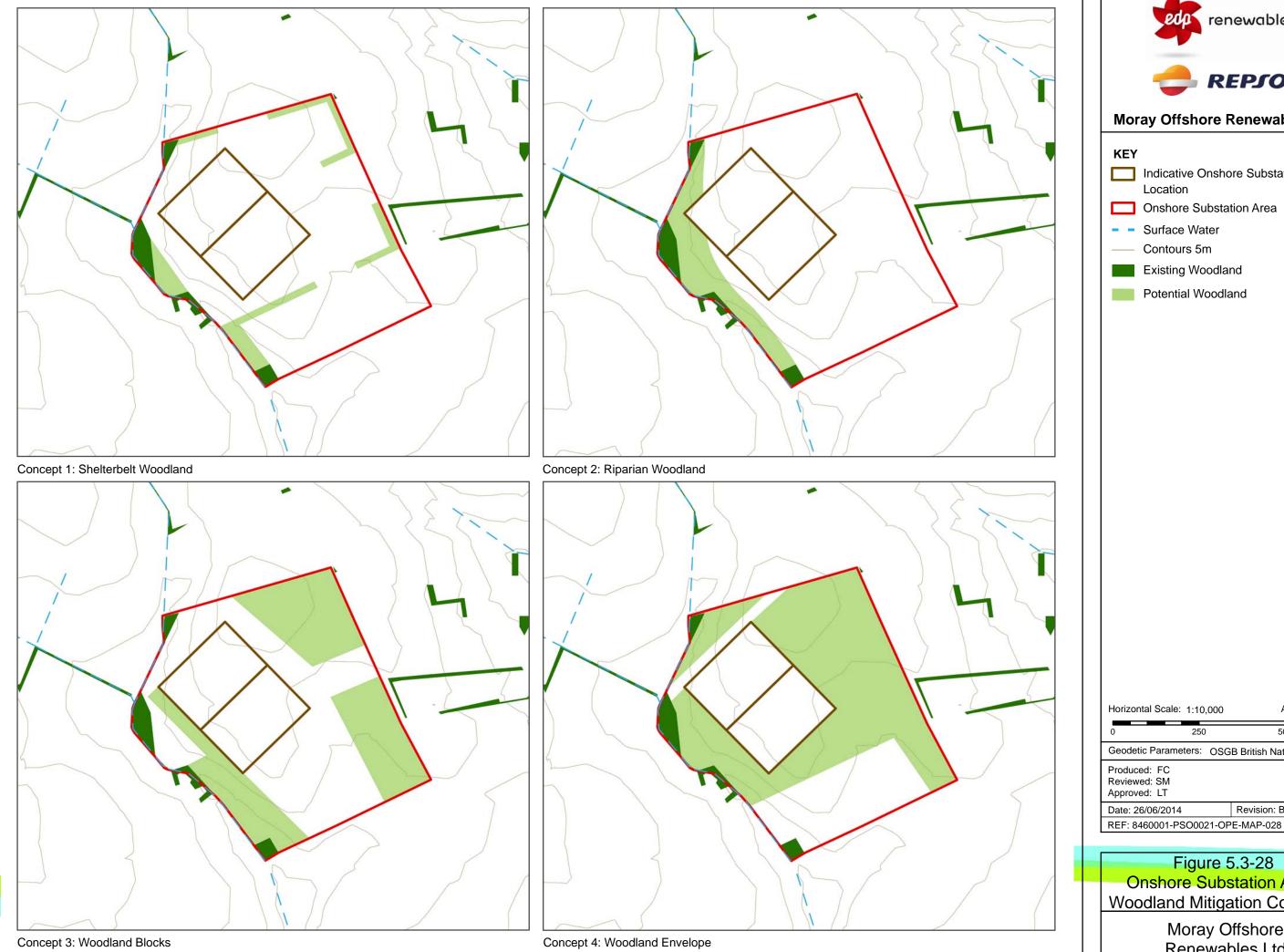
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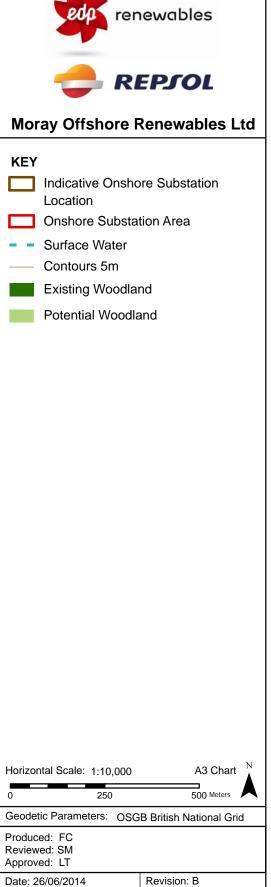
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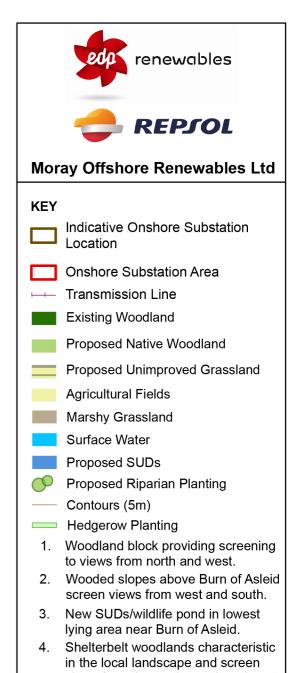
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# Figure 5.3-28 Onshore Substation Area: Woodland Mitigation Concepts



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- views from the north, south and east.
- New shelterbelts link riparian planting to areas of existing woodland.
- Marshy grassland with riparian planting on low-lying land adjacent to Burn of Asleid.
- 7. Hedgerow planting around field boundaries to screen views from local roads to east and south.

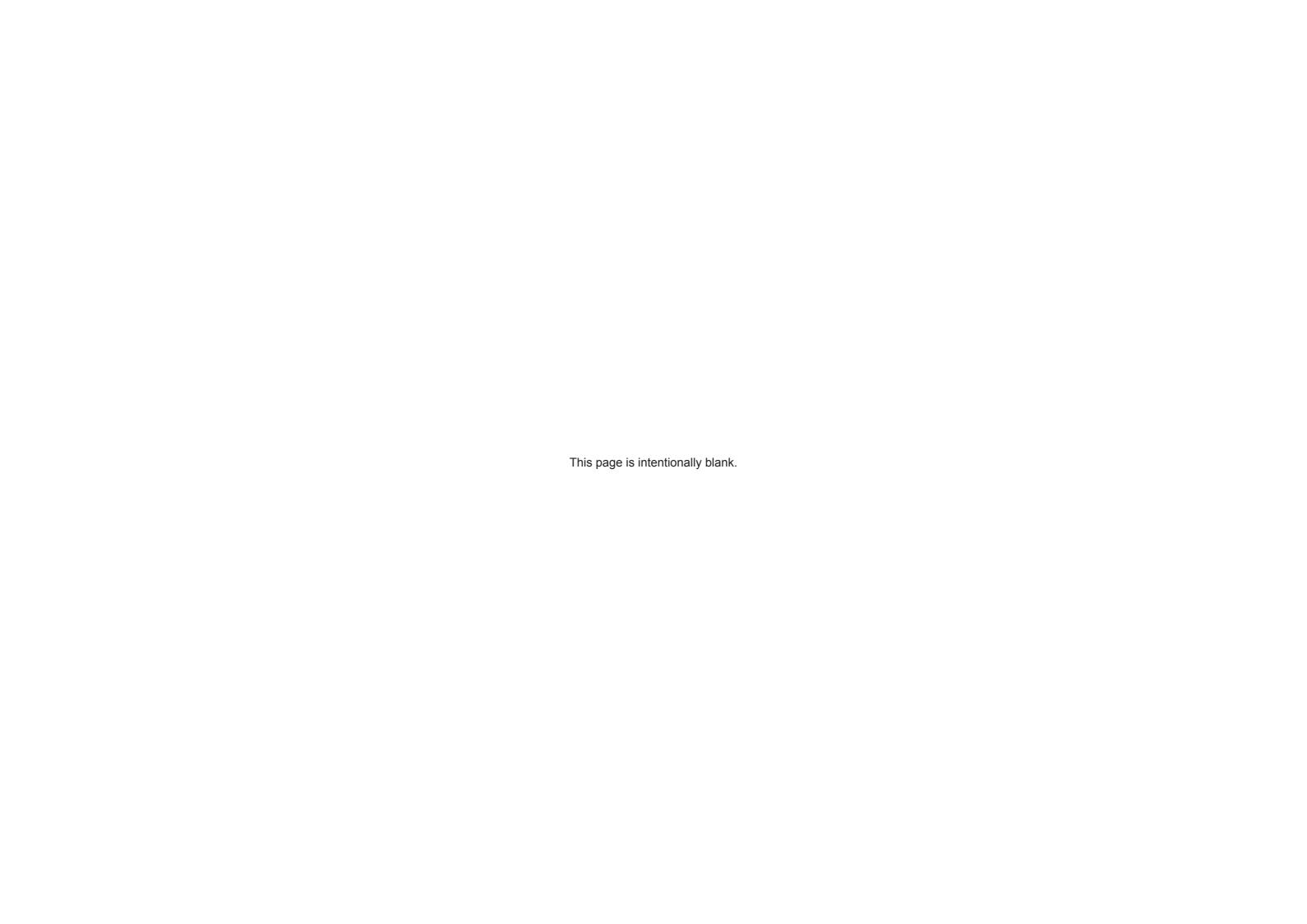
Horizontal Scale: 1:4,000 A3 Chart

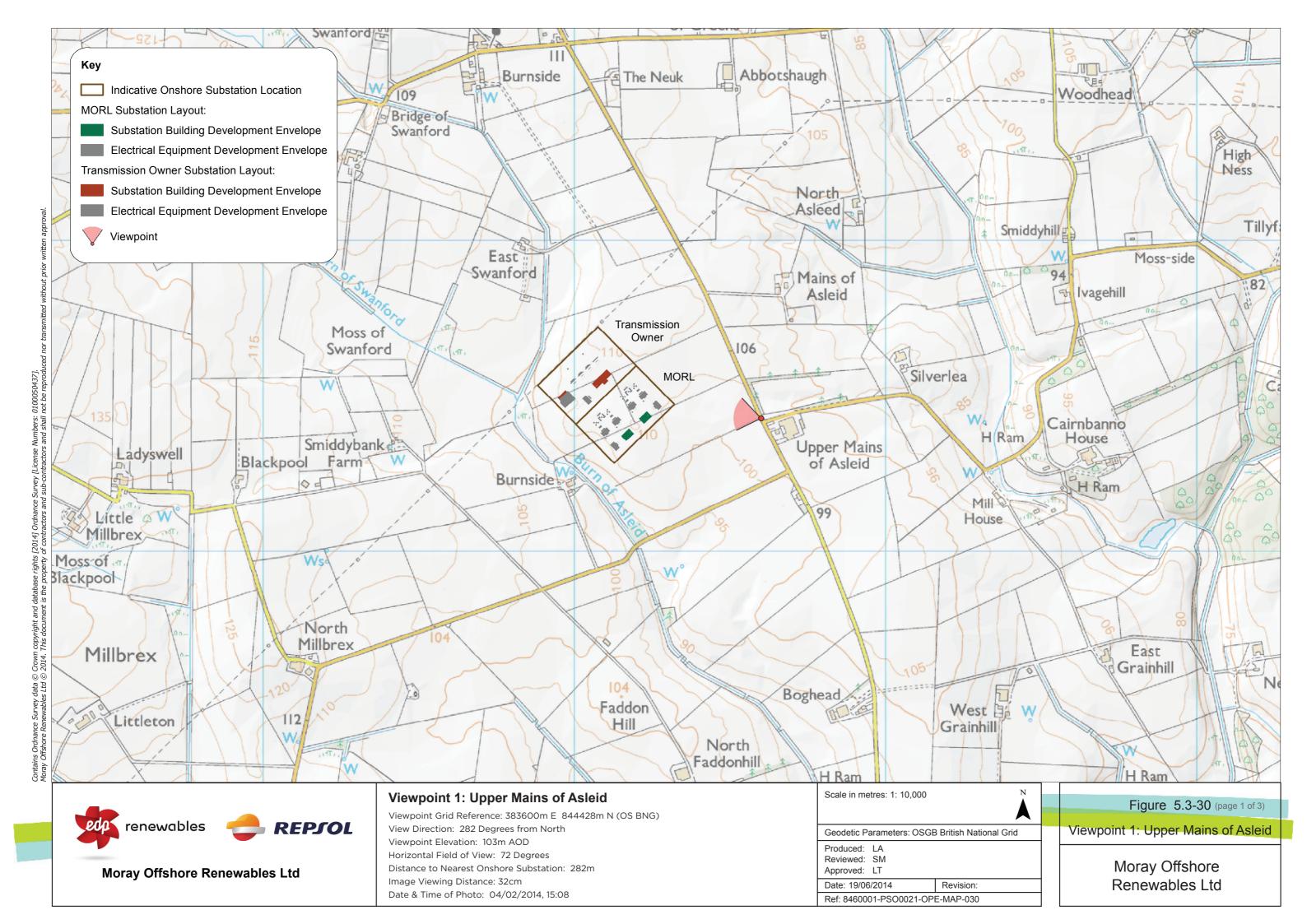
Geodetic Parameters: OSGB British National Grid

Produced: FC Reviewed: SM Approved: LT

Date: 26/06/2014 Revision: B REF: 8460001-PSO0021-OPE-MAP-029

Figure 5.3-29 **Onshore Substation Area:** Landscape Mitigation Proposals









buildings within each area and therefore represent a worse-case scenario, showing the area in

differentiate between the MORL onshore substation and the TO onshore substation and to

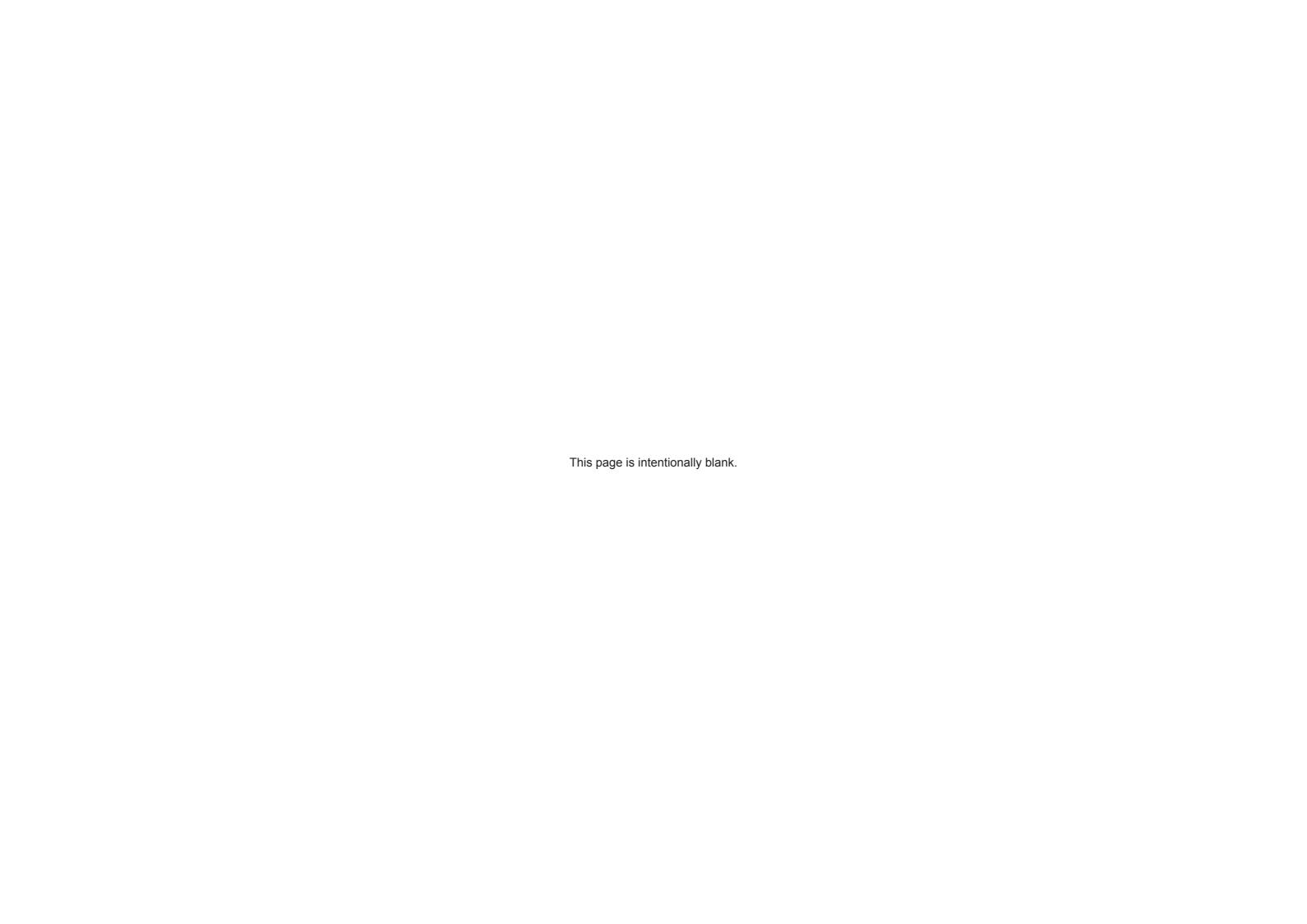
differentiate between buildings and external electrical equipment. The colours shown are not indicative of the colour of the onshore substation buildings.

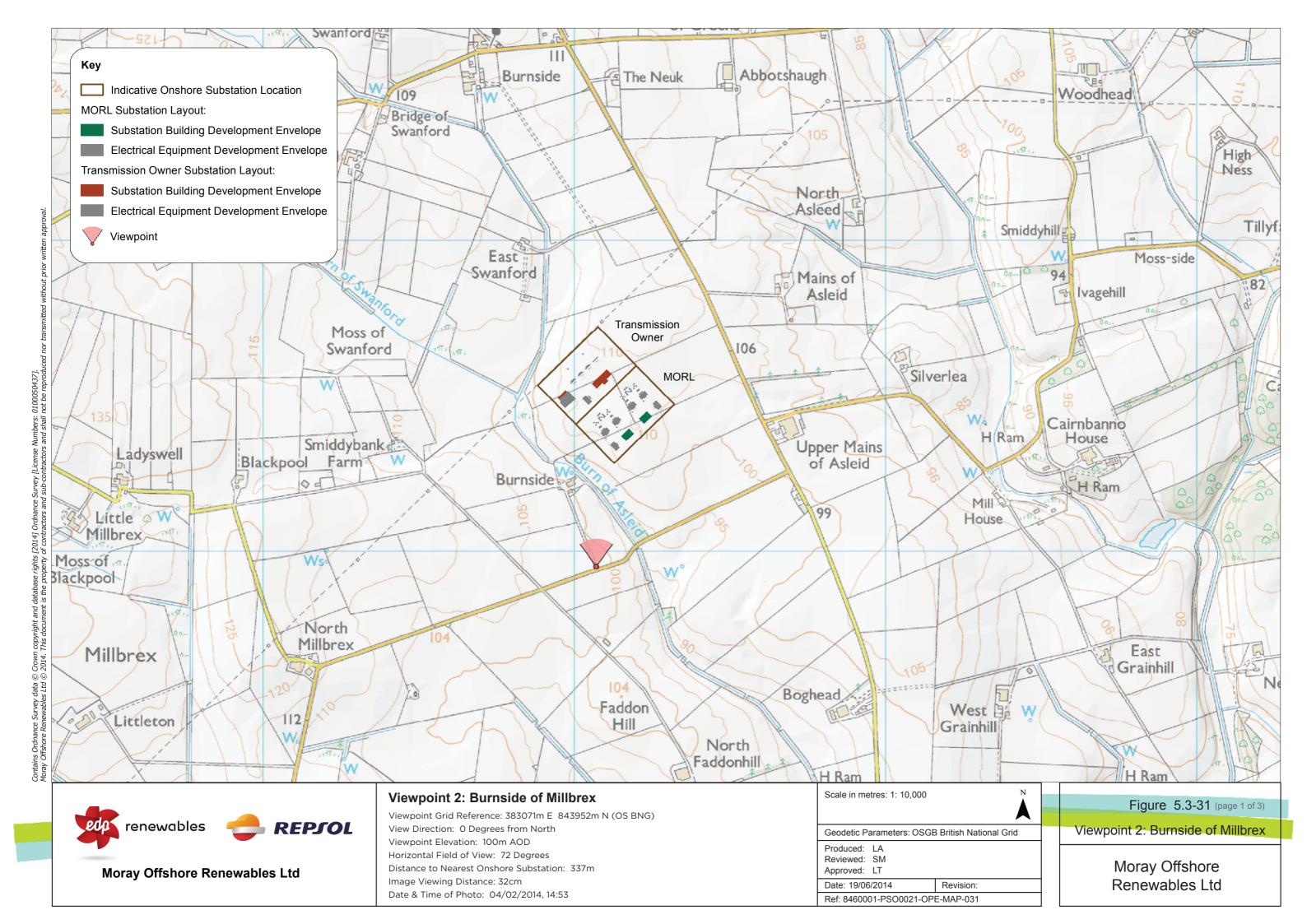
Computer generated model showing the development envelopes for the proposed onshore substations

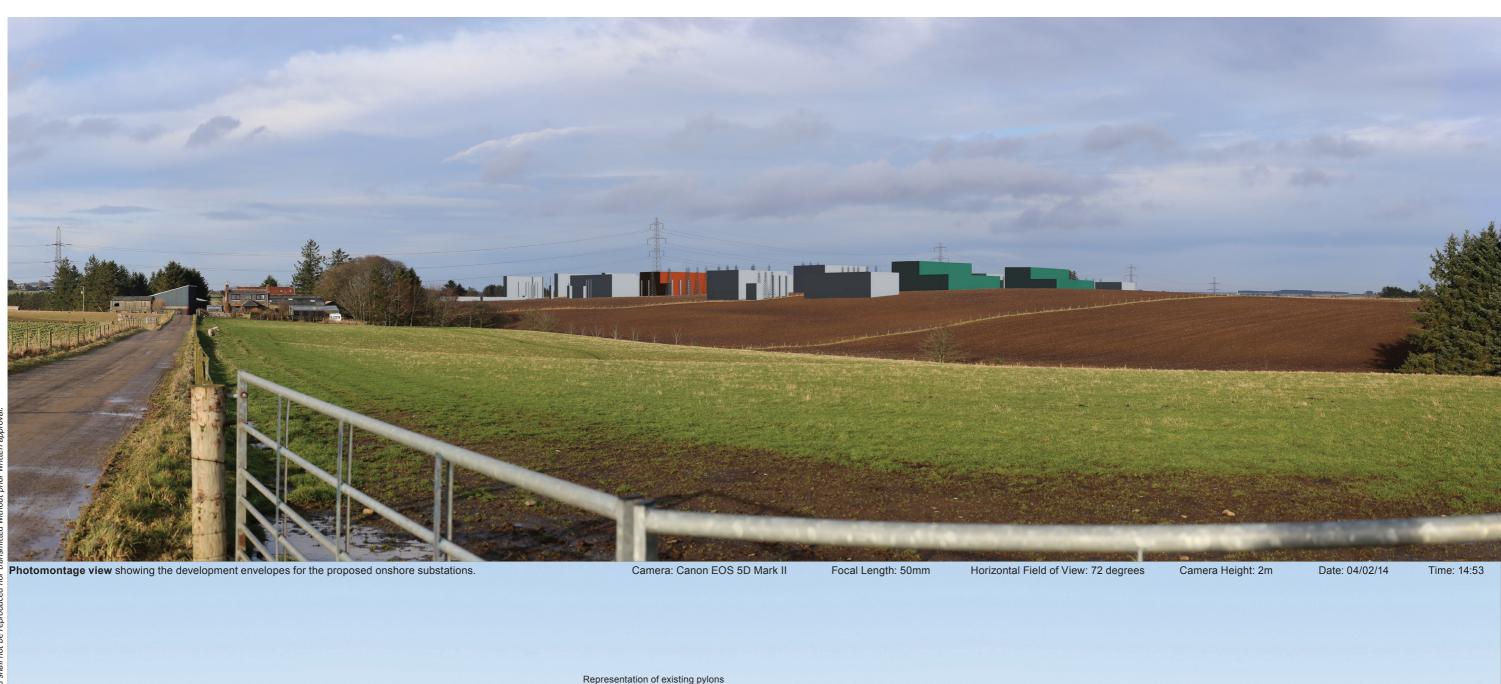
and woodland planting.

Photomontage and

Visual Representation







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Computer generated model showing the development envelopes for the proposed onshore substations and woodland planting.

The layout of the onshore substations has been modelled using several 'development envelopes related to the height, width and depth of each part of the onshore substations layout (shown in Figure 5.3.5). The envelopes are modelled at the maximum height of the largest structures or buildings within each area and therefore represent a worse-case scenario, showing the area in which the onshore substations will be built. These envelopes are used as the basis for visual modelling in the photomontages and the assessment of impacts. Colours are used solely to differentiate between the MORL onshore substation and the TO onshore substation and to differentiate between buildings and external electrical equipment. The colours shown are not  $\label{thm:colours} \mbox{differentiate between buildings and external electrical equipment. The colours shown are not indicative of the colour of the onshore substation buildings.$ 

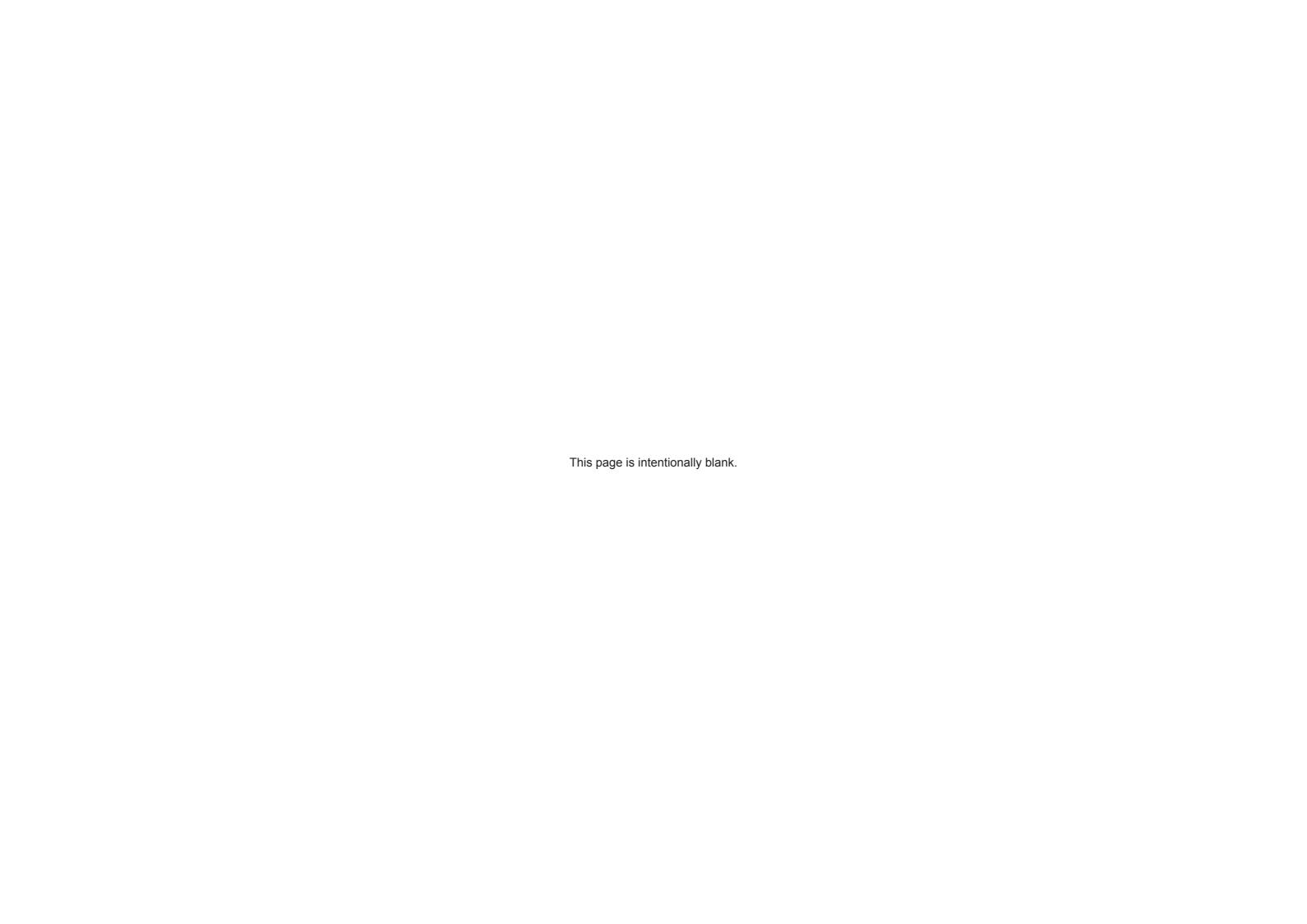
## **Important Viewing Instructions**

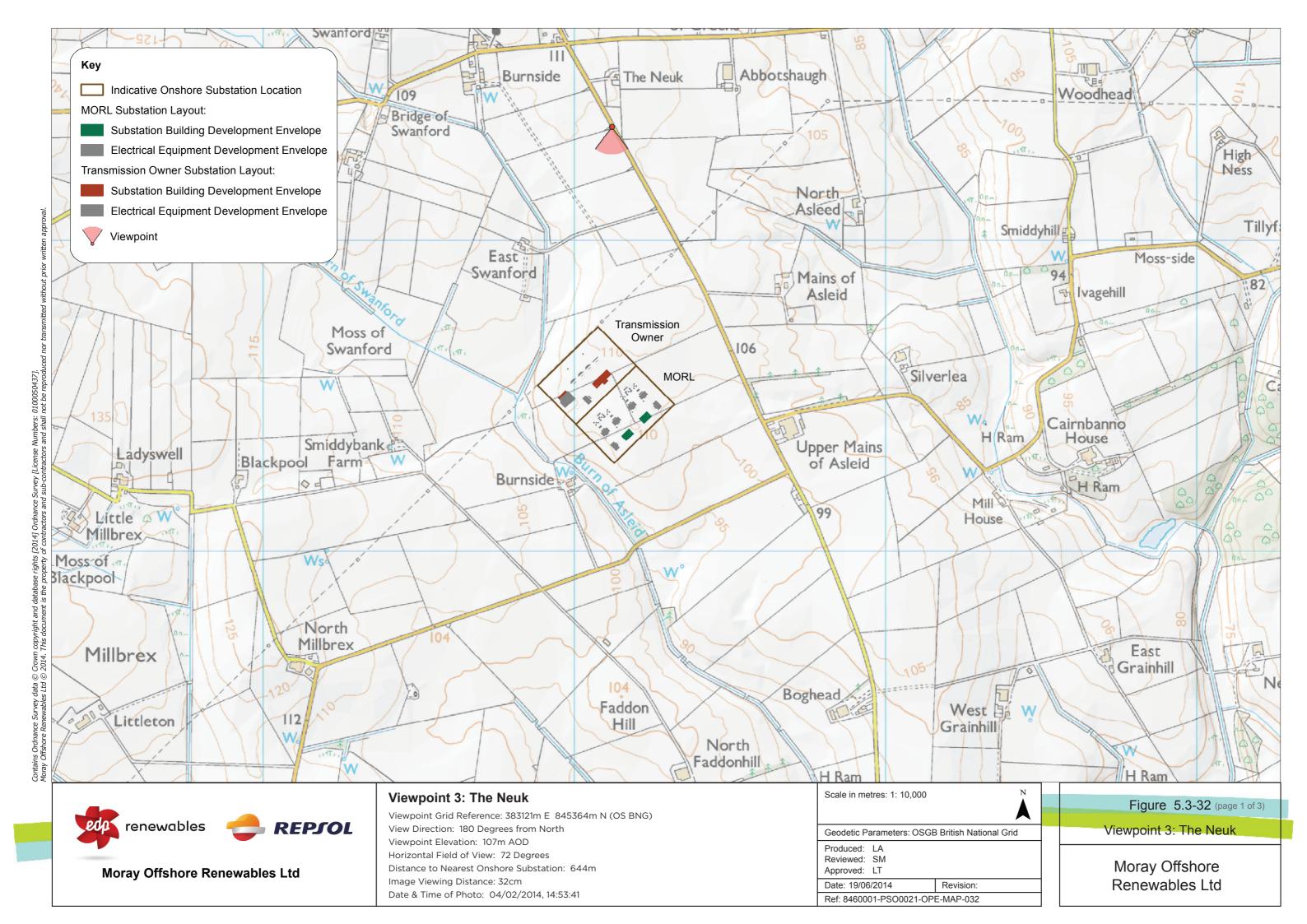
The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at a distance of 314 mm. This image should only be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

Figure 5.3-31 (page 3 of 3)

Viewpoint 2: Burnside of Millbrex

Photomontage and Visual Representation









Computer generated model showing the development envelopes for the proposed onshore substations and woodland planting.

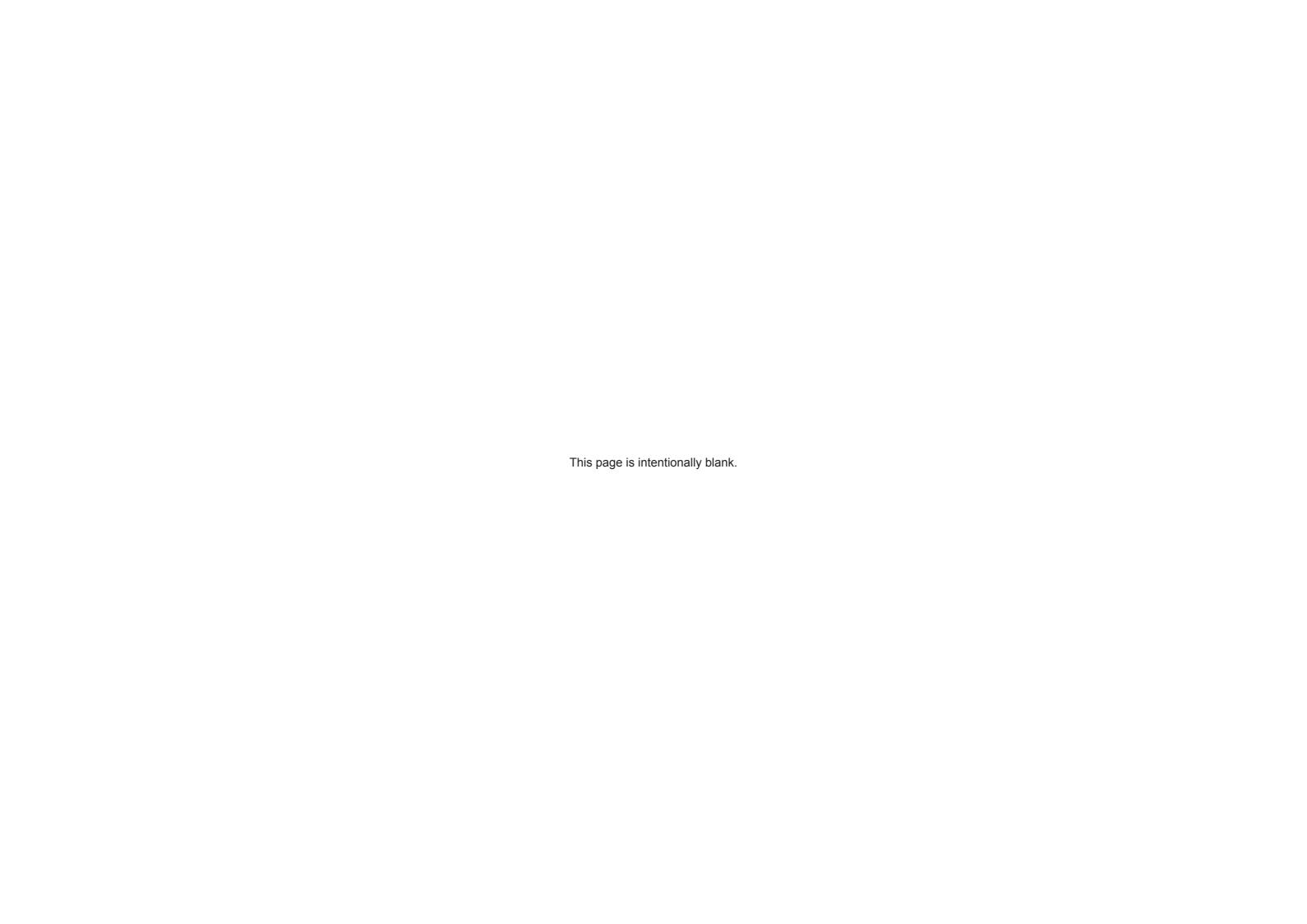
related to the height, width and depth of each part of the onshore substations layout (shown in Figure 5.3.5). The envelopes are modelled at the maximum height of the largest structures or buildings within each area and therefore represent a worse-case scenario, showing the area in which the onshore substations will be built. These envelopes are used as the basis for visual modelling in the photomontages and the assessment of impacts. Colours are used solely to differentiate between the MORL onshore substation and the TO onshore substation and to differentiate between buildings and external electrical equipment. The colours shown are not indicative of the colour of the onshore substation buildings.

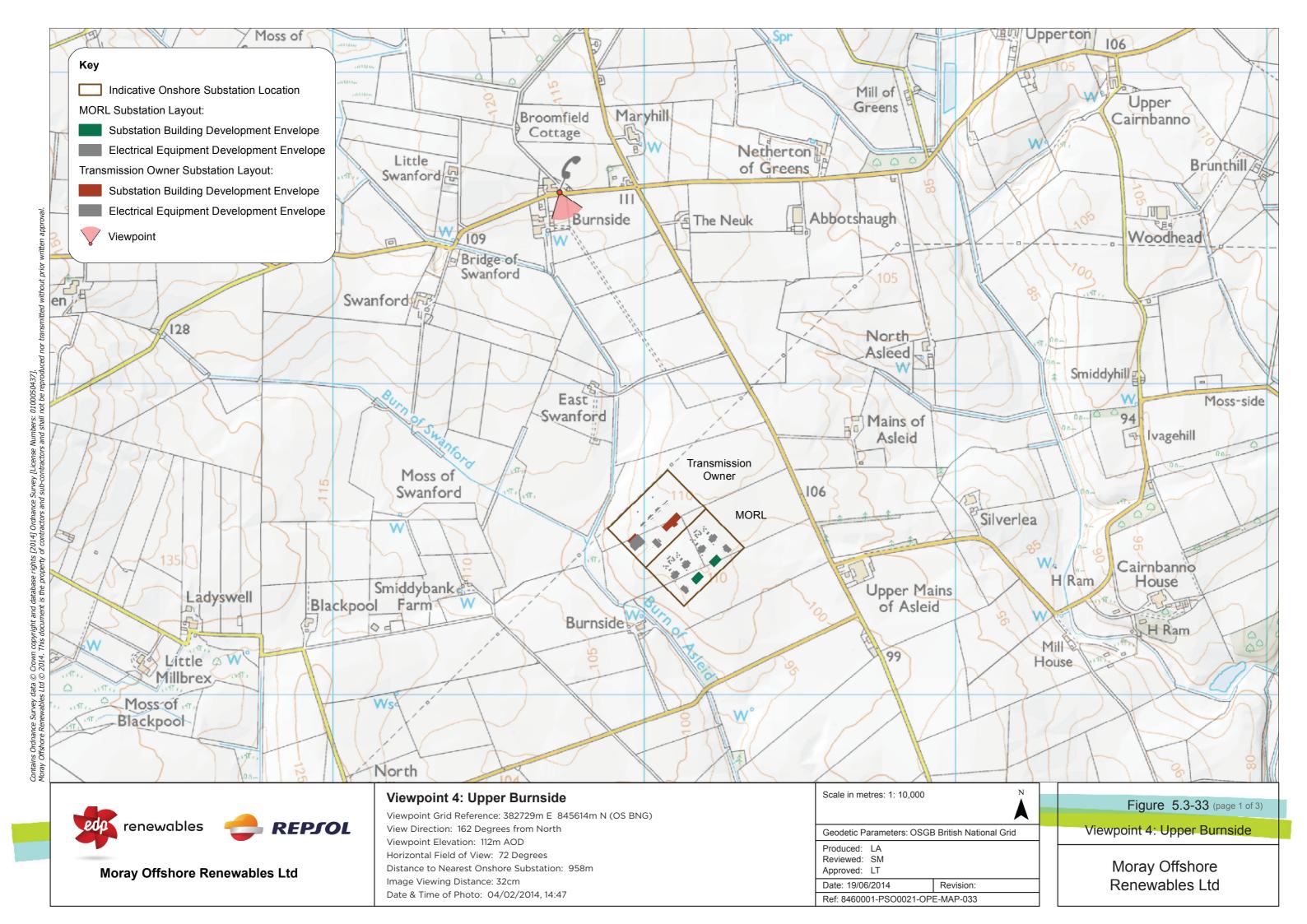
## **Important Viewing Instructions**

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

Viewpoint 3:The Neuk

Photomontage and Visual Representation







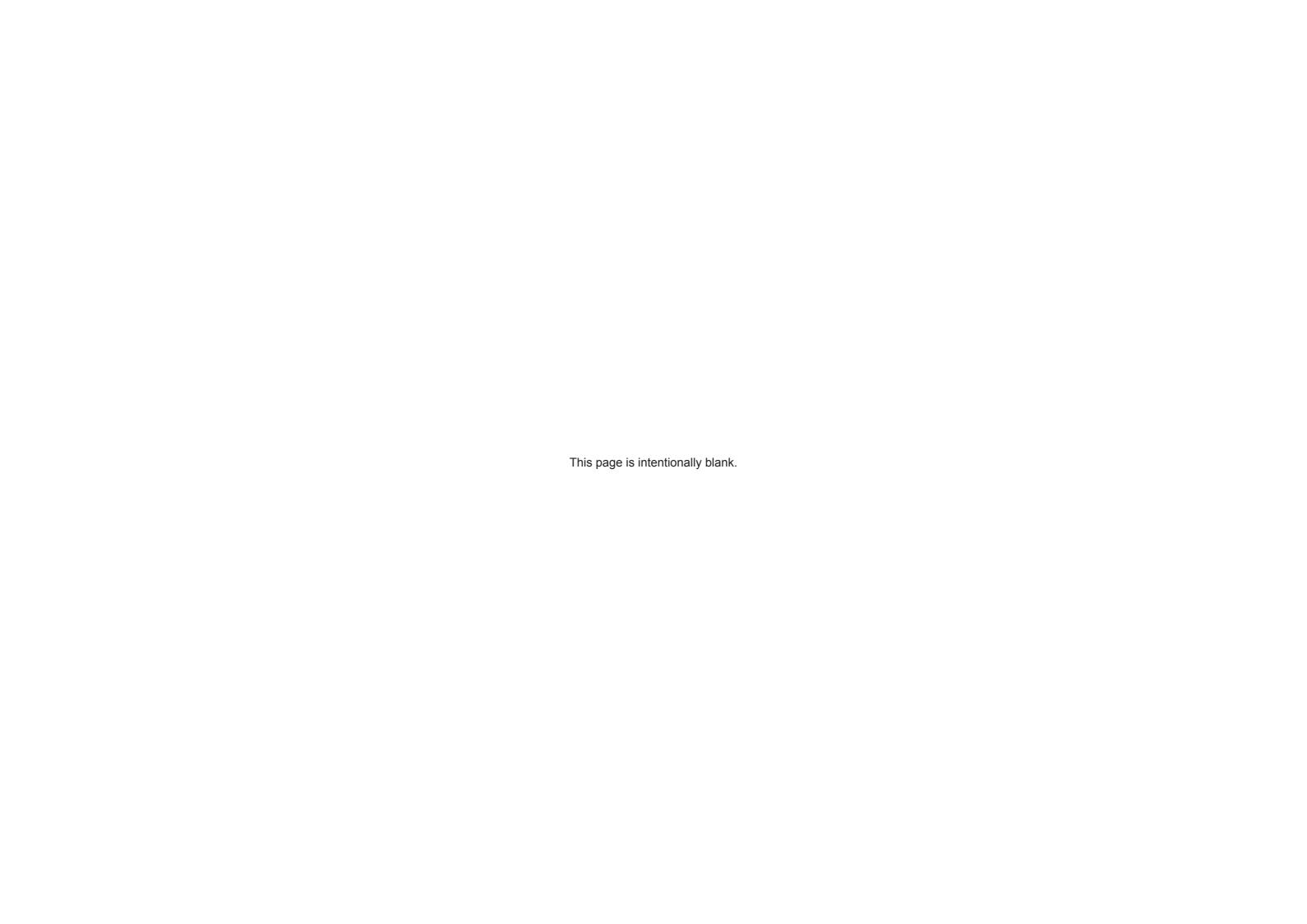
modelling in the photomontages and the assessment of impacts. Colours are used solely to differentiate between the MORL onshore substation and the TO onshore substation and to

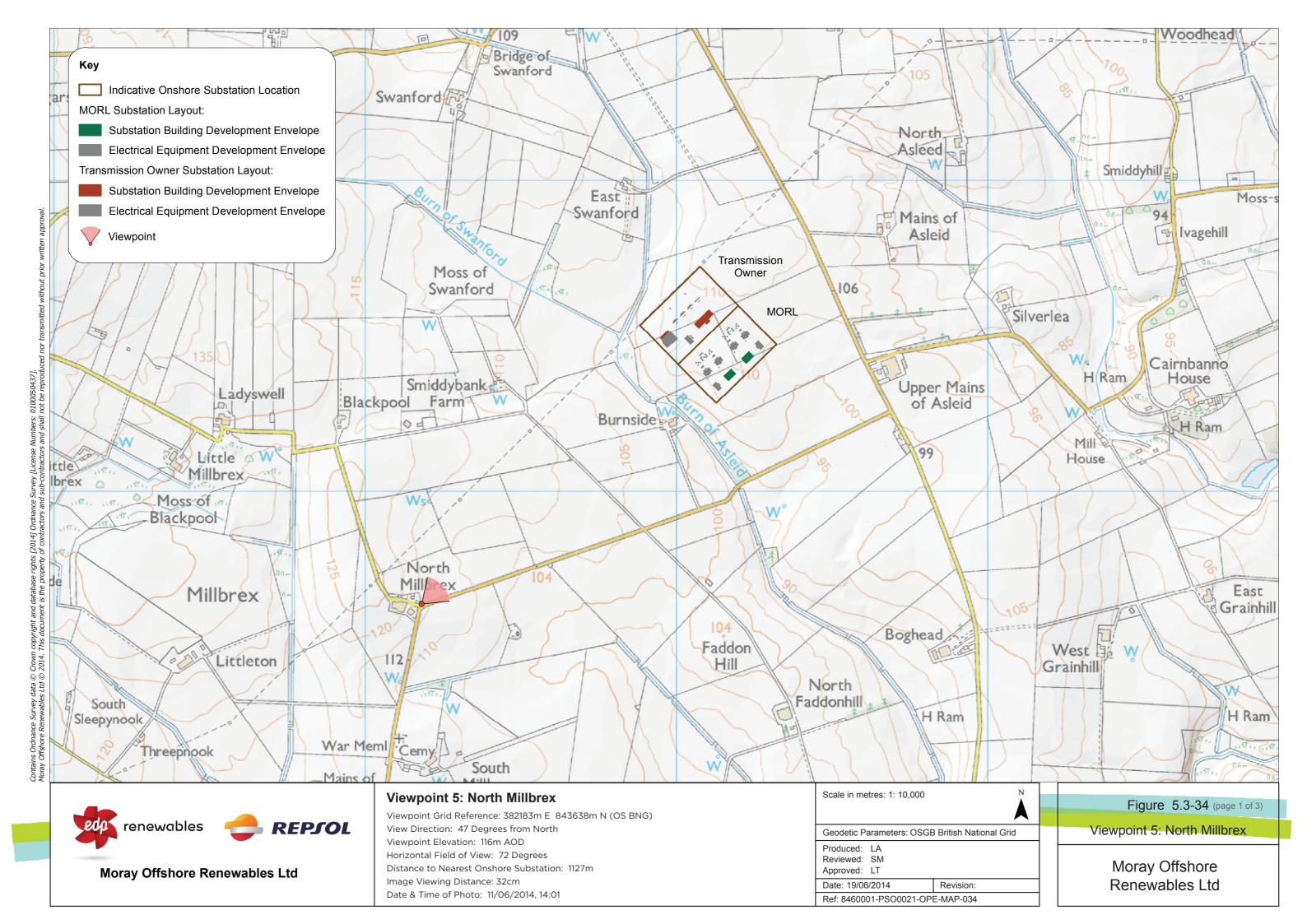
differentiate between buildings and external electrical equipment. The colours shown are not indicative of the colour of the onshore substation buildings.

Visual Representation

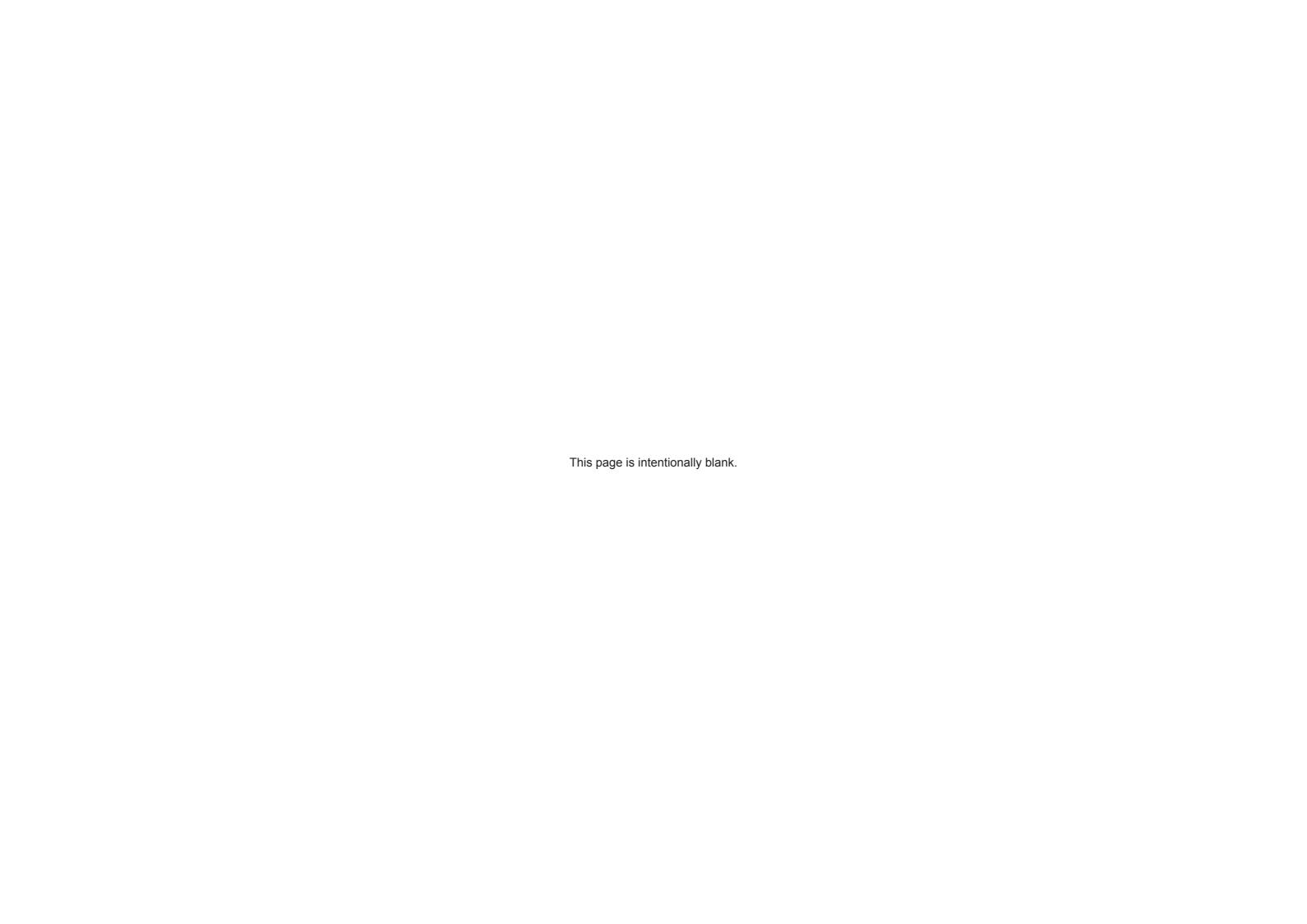
and woodland planting.

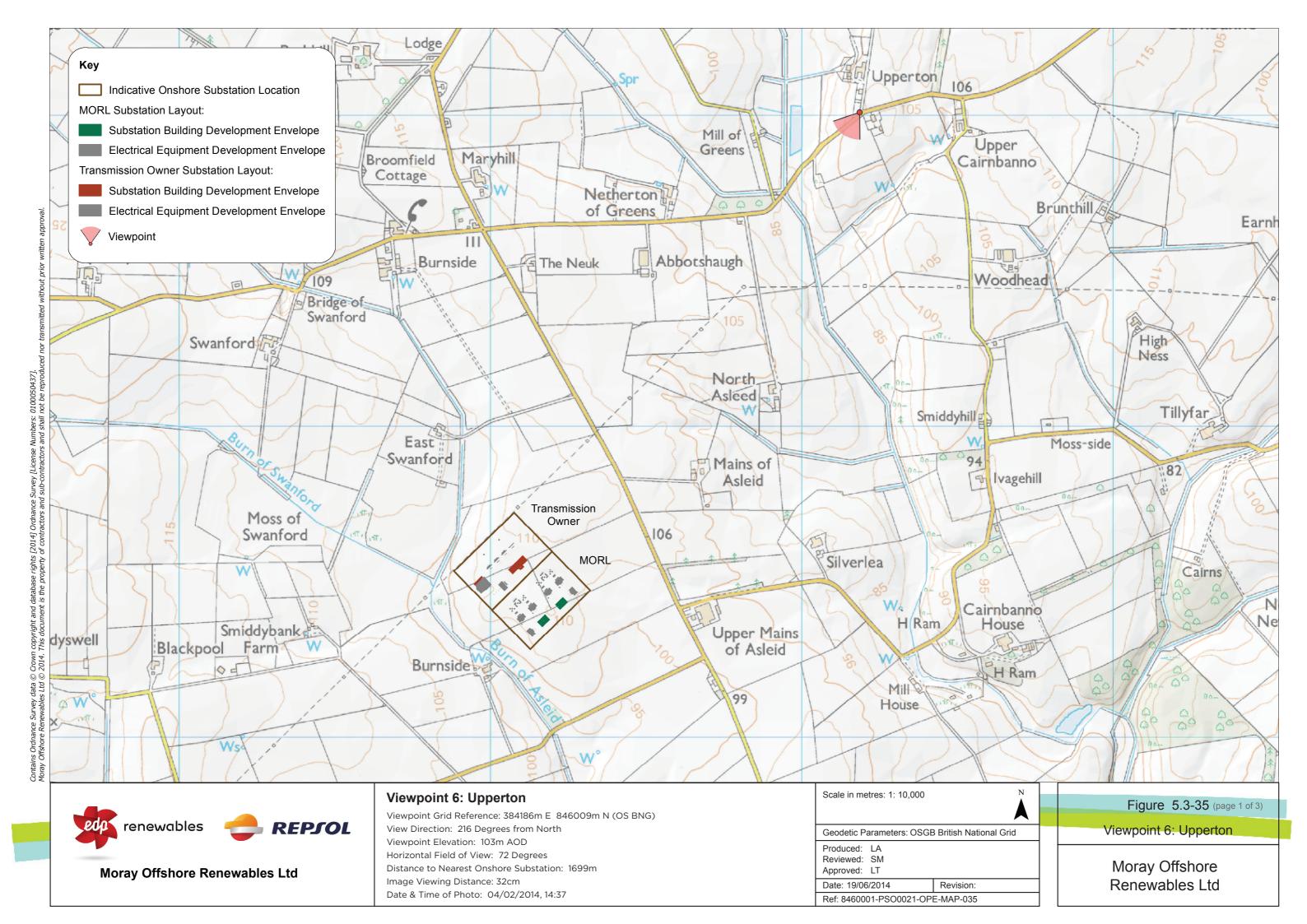
Computer generated model showing the development envelopes for the proposed onshore substations













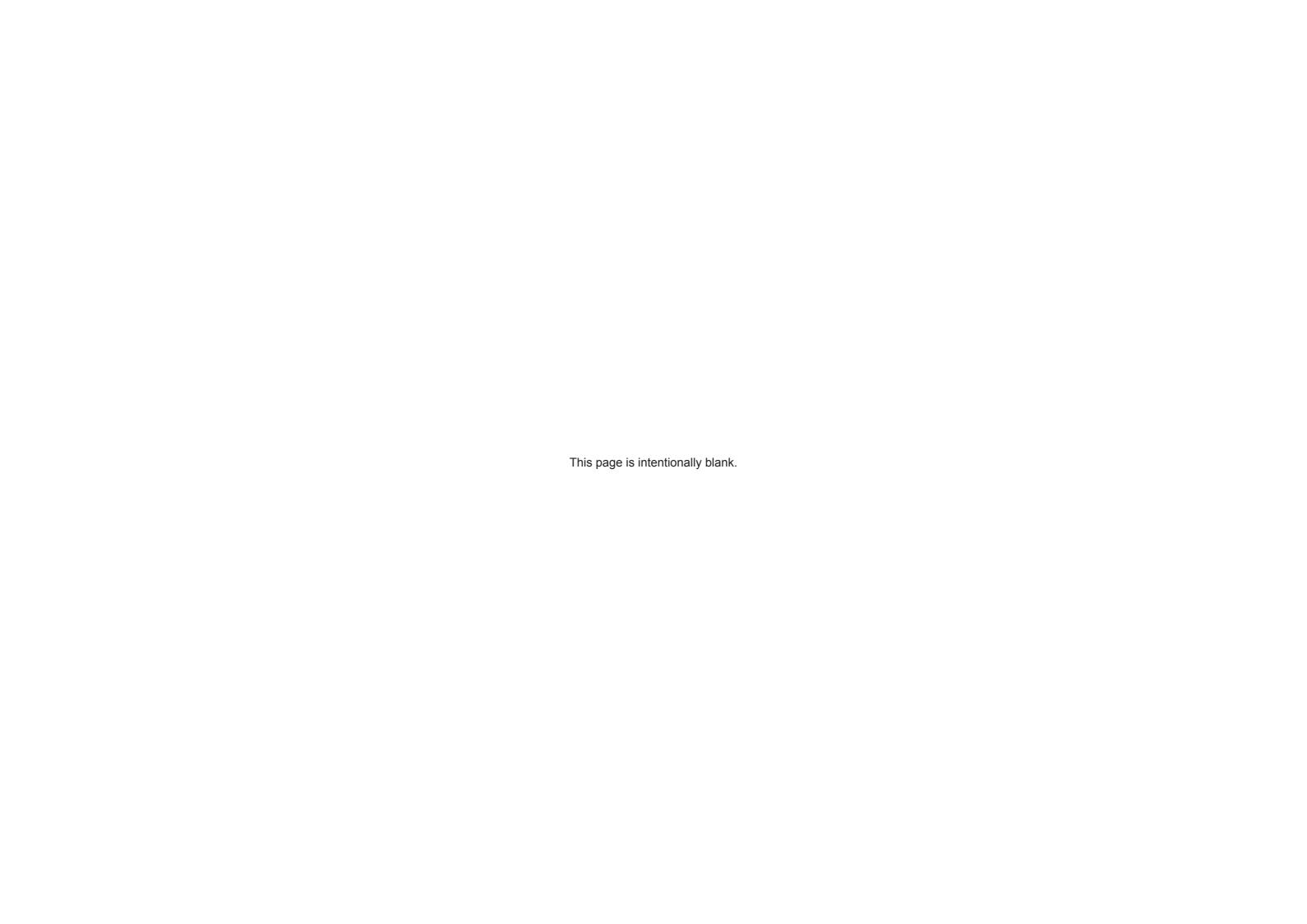
modelling in the photomontages and the assessment of impacts. Colours are used solely to differentiate between the MORL onshore substation and the TO onshore substation and to

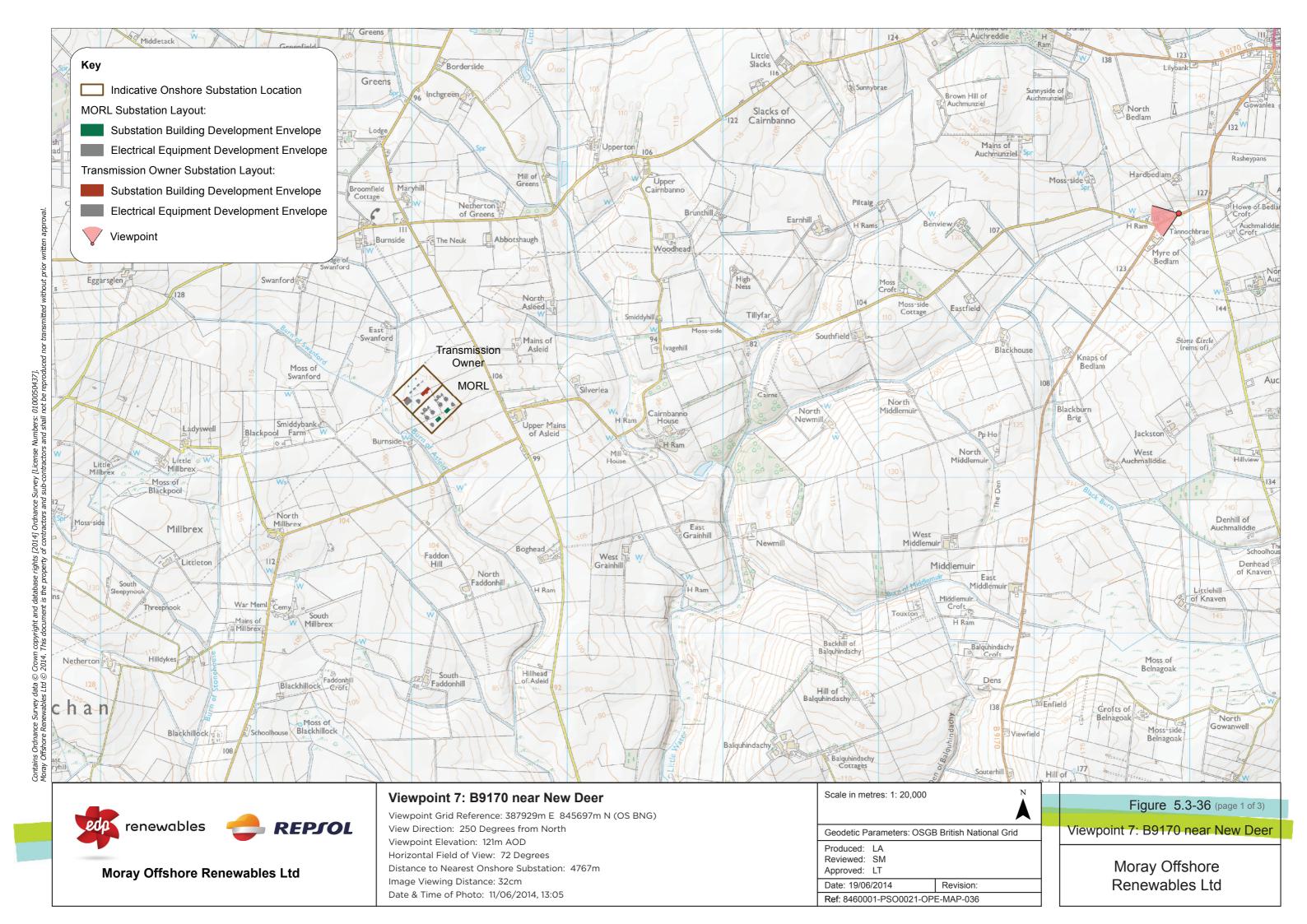
differentiate between buildings and external electrical equipment. The colours shown are not indicative of the colour of the onshore substation buildings.

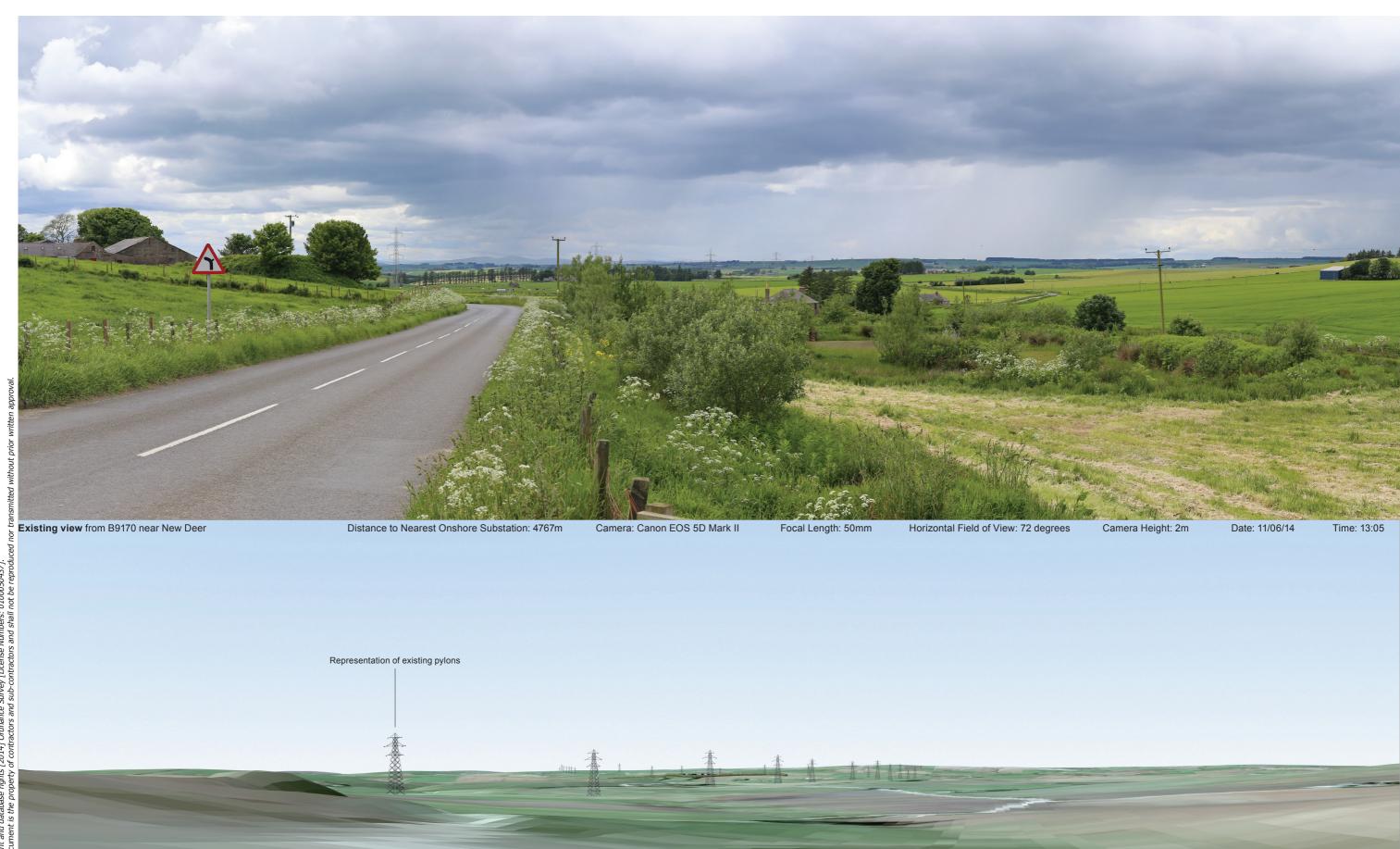
Photomontage and

Visual Representation

Computer generated model showing the development envelopes for the proposed onshore substations.







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Computer generated model showing the development envelopes for the proposed onshore substations and woodland planting.

related to the height, width and depth of each part of the onshore substations layout (shown in Figure 5.3.5). The envelopes are modelled at the maximum height of the largest structures or buildings within each area and therefore represent a worse-case scenario, showing the area in which the onshore substations will be built. These envelopes are used as the basis for visual modelling in the photomontages and the assessment of impacts. Colours are used solely to differentiate between the MORL onshore substation and the TO onshore substation and to differentiate between buildings and external electrical equipment. The colours shown are not indicative of the colour of the onshore substation buildings.

## **Important Viewing Instructions**

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

Figure 5.3-36 (page 3 of 3)

Viewpoint 7: B9170 near New Deer

Photomontage and Visual Representation

