

Longhill Burn Wind Farm Tip Height Extension

Comparative Environmental Impact Assessment Report

Volume II – Figures and Visualisations

May 2020

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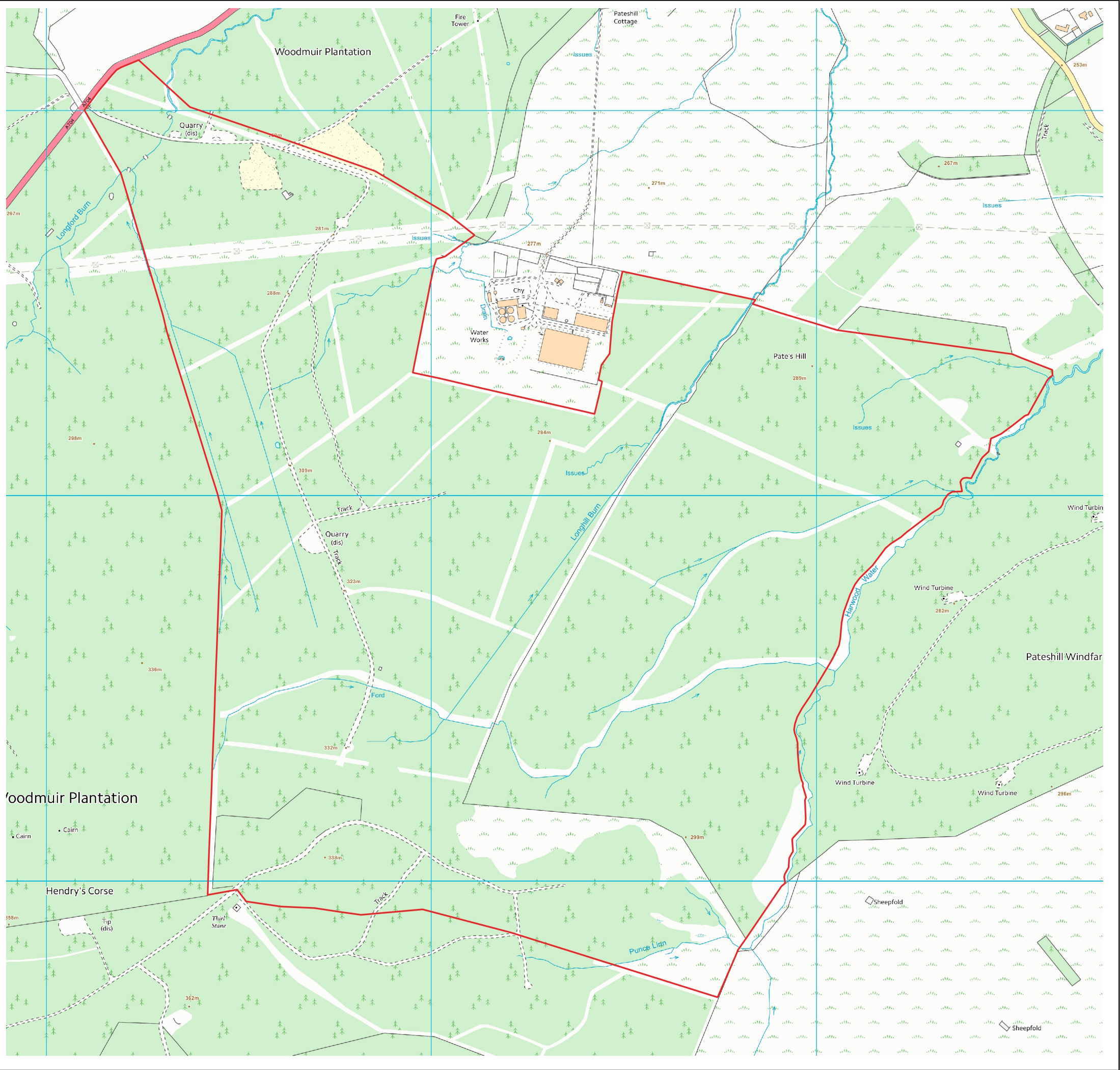
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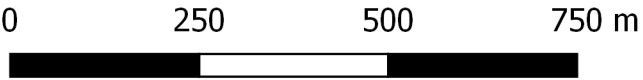


Longhill Burn Wind Farm

OFFICE GLASGOW 11 Somerset Place Glasgow G3 7JT T: 0141 354 6544 www.energiekontor.co.uk	OFFICE LEEDS 4330 Park Approach Thorpe Park Leeds, LS15 8GB T: 0113 204 4853 www.energiekontor.co.uk
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Figure 1.1: Location Plan

- Legend
- Planning Application Area



Date	By	Paper	Scale	Rev
Mar 19	EK	A3	1:10,000	

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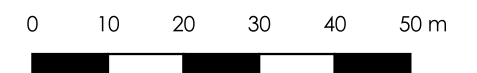
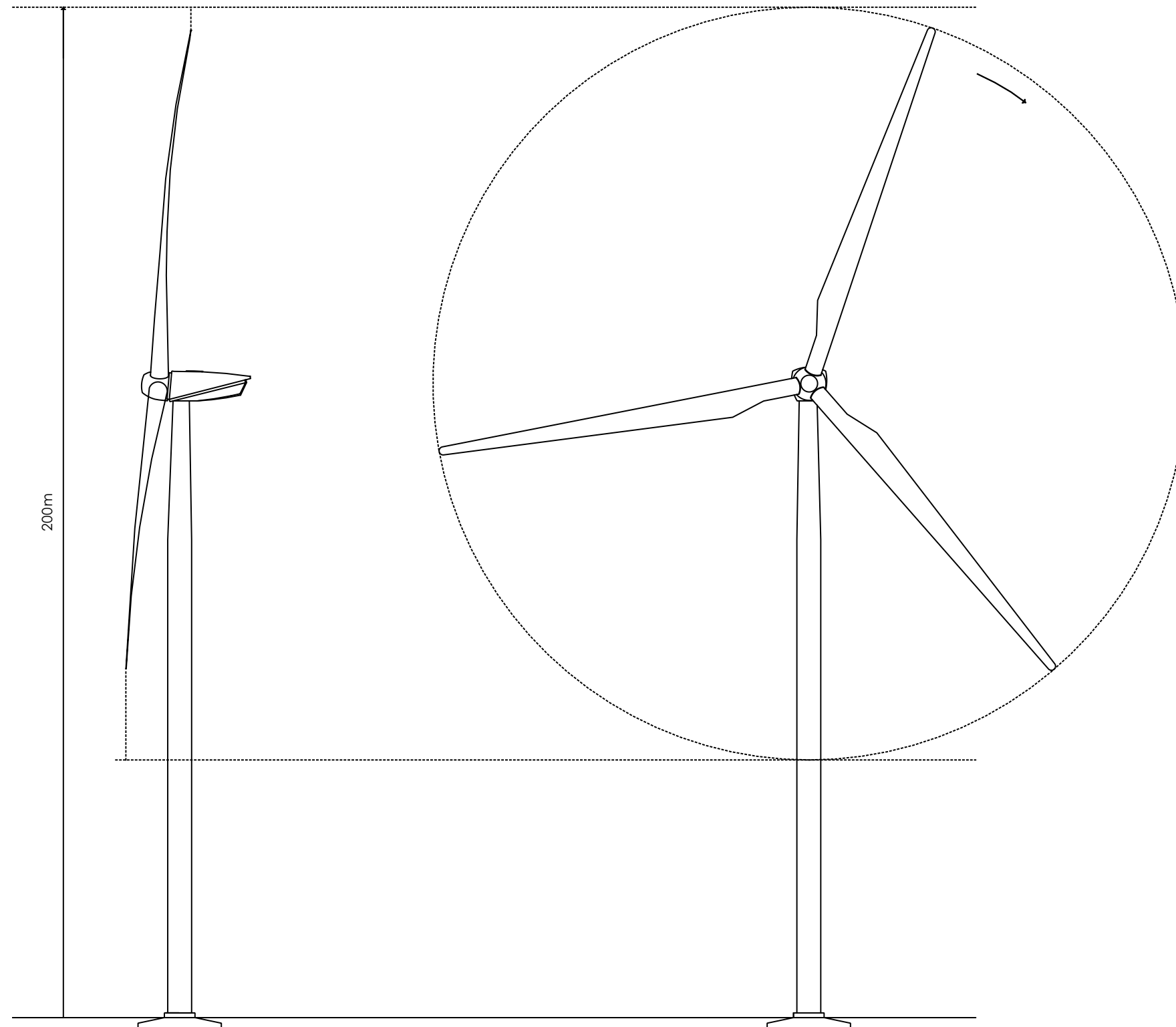
Longhill Burn Wind Farm

Office England: 4330 Park Approach Leeds LS15 8GB T:+44 (0)113 204 4850	11 Somerset Place Glasgow G3 7JT T:+44 (0)141 354 6544	Offices Scotland: 31 Dewar Place Lane Edinburgh EH3 8EF T:+44 (0)131 600 0850
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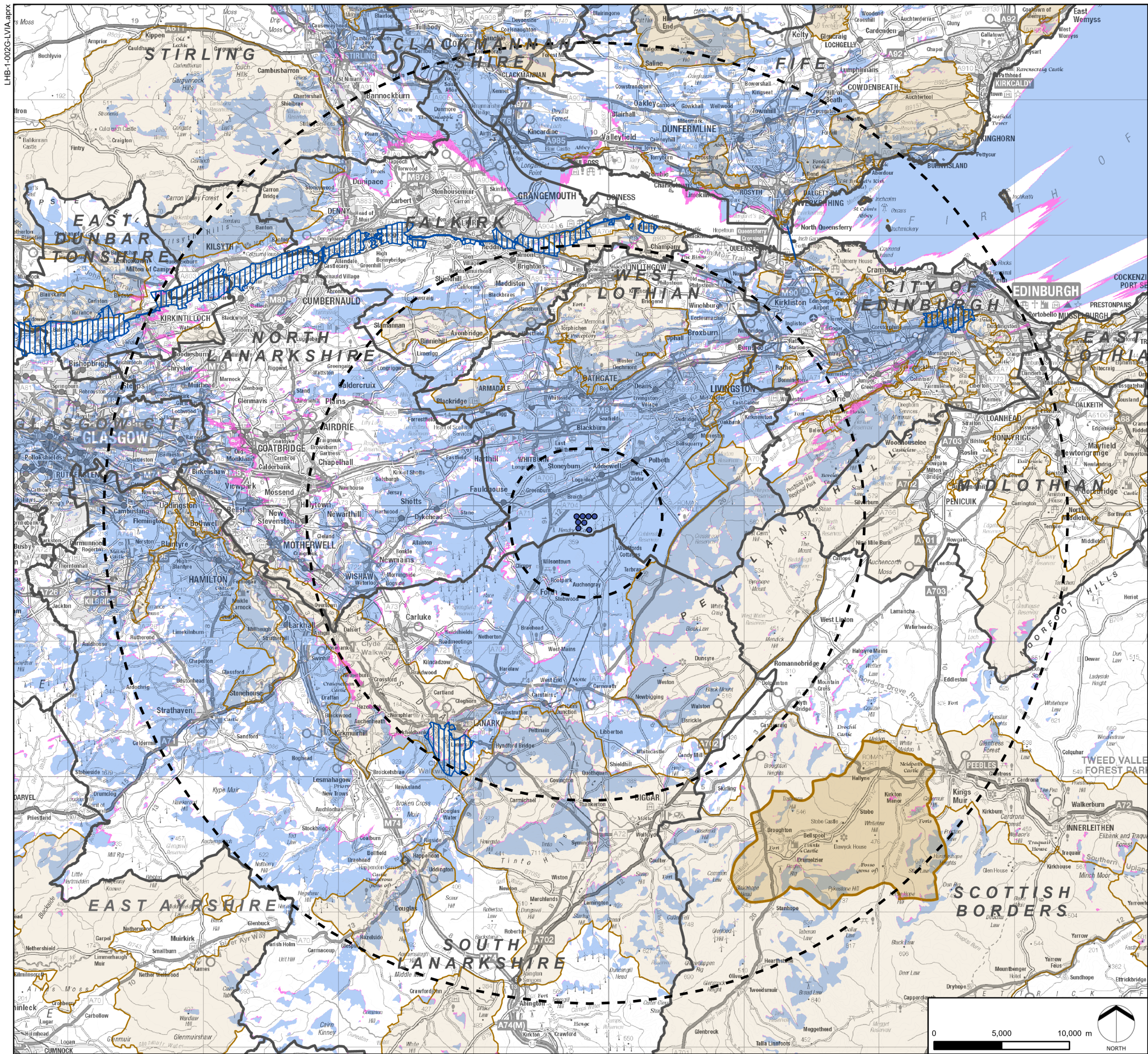
Figure 3.2A: Typical Turbine Elevation 200m

NOTES:
For indicative purposes only



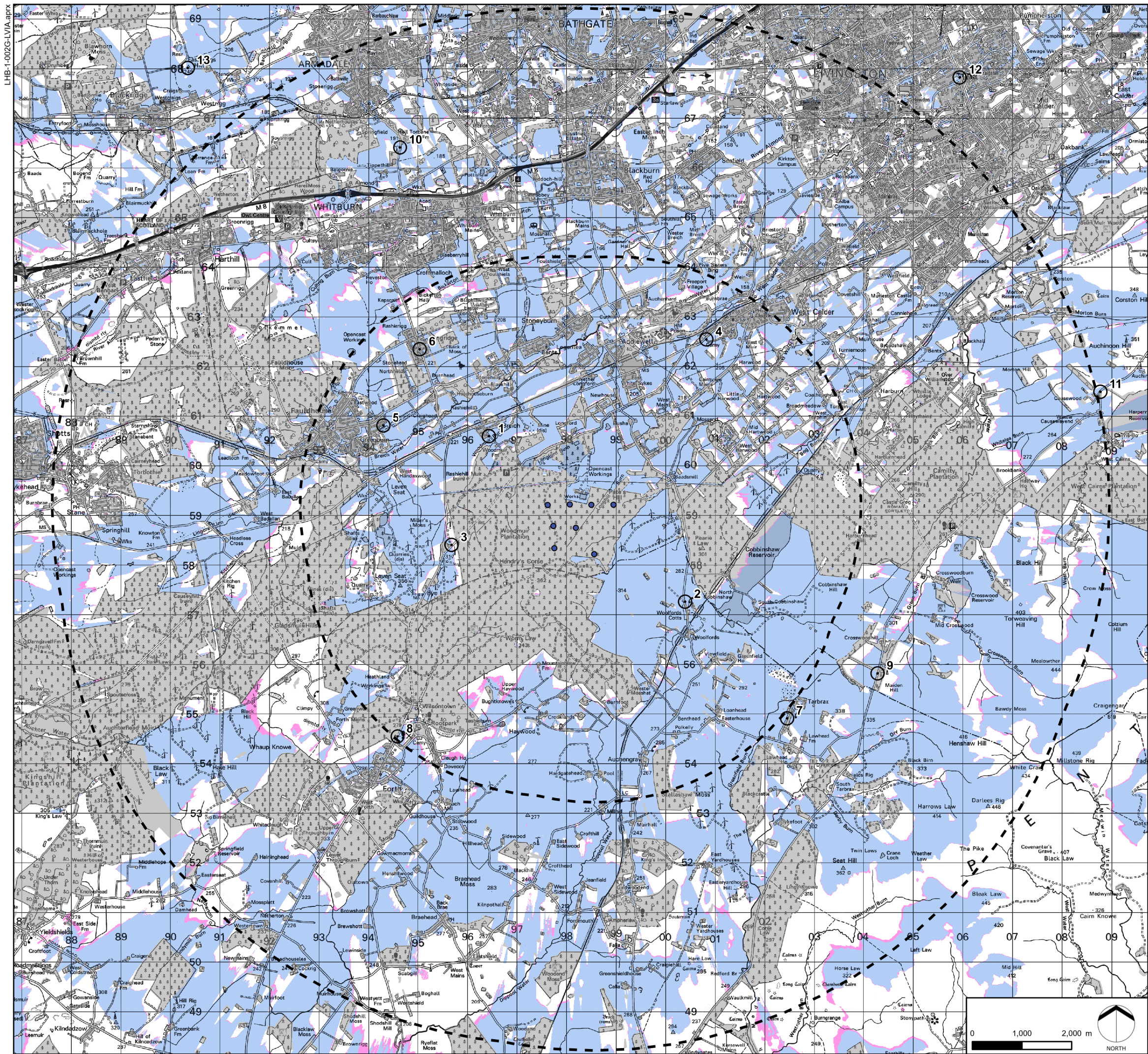
LONGHILL BURN WIND FARM TIP HEIGHT INCREASE

FIGURE 6.1
Comparison ZTV to Blade Tip with
Designations - Bare Ground



LONGHILL BURN WIND FARM TIP HEIGHT INCREASE

FIGURE 6.2
Comparison ZTV to Blade Tip with Screening
Effect of Woodland and Settlement



KEY



Proposed Longhill Burn Wind Turbines



Distance Radii from Outermost Turbine (5, 10km)



Viewpoints



Buildings (Modelled at 7m)



Woodland (Modelled at 15m)

Zone of Theoretical Visibility to Blade Tip



Proposed Layout (200m) may be visible



Consented (180m) and Proposed Layouts may be Visible

FIGURE DATA:
This figure has been based on the following data:

Terrain data: LHB-1-T50-DSM-10m.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 10m

NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings.

A digital surface model (DSM) has been derived from OS Terrain 50 height data with the locations of woodland and buildings taken from the OS Open Map Local dataset. Buildings have been modelled with an assumed height of 7m and woodland an assumed height of 15m, representing a conservative estimate of average heights within the study area.

The model does not take into account some localised features such as small copses, hedgerows or individual trees and therefore still gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be less than that suggested by this plan.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 10m² resolution.

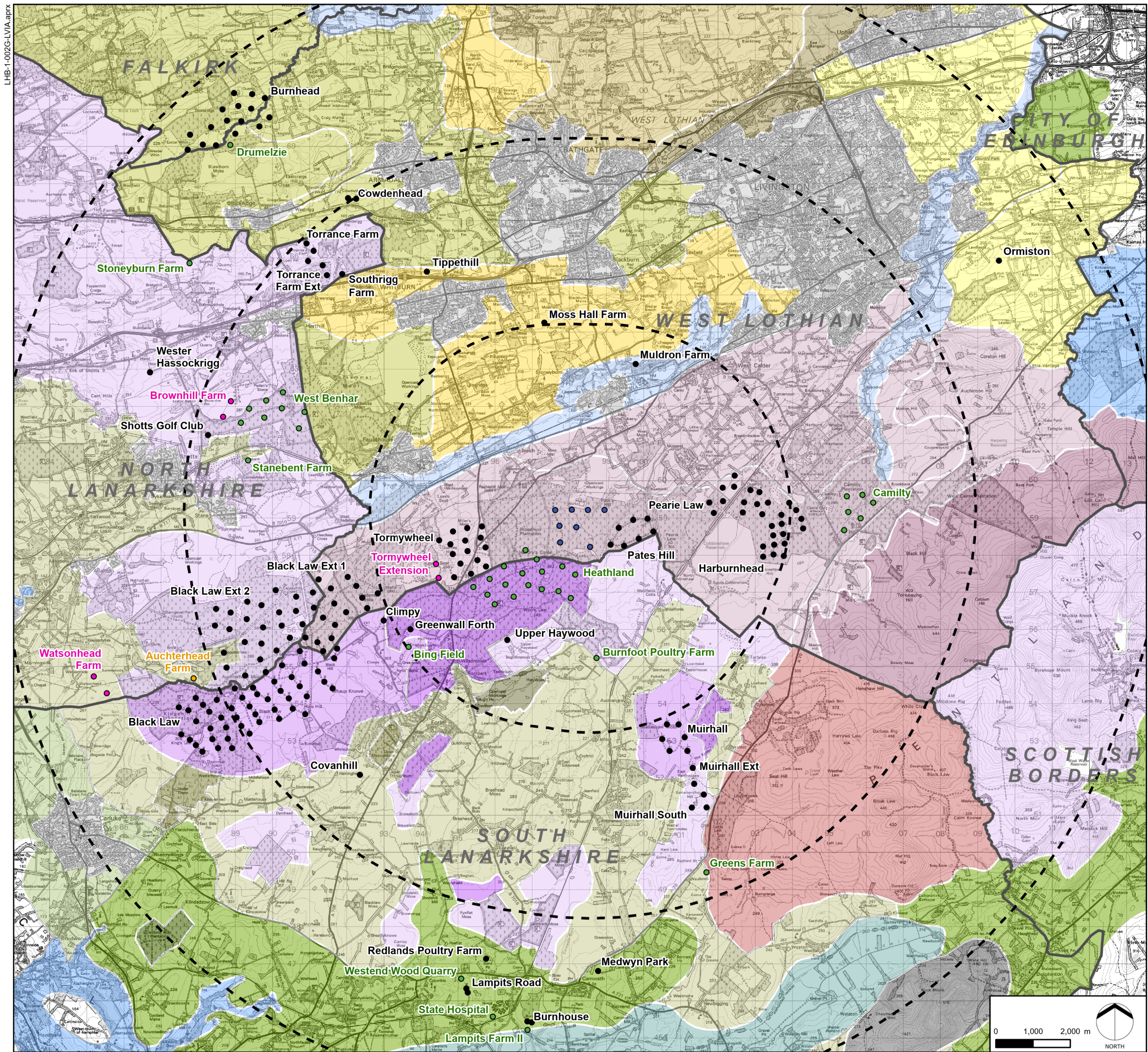
Projected Coordinate System: British National Grid

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JUN 2020	MP	A3	1:75,000	MF	-

LONGHILL BURN WIND FARM
TIP HEIGHT INCREASE

FIGURE 6.3

Cumulative Base Plan



KEY

- Proposed Longhill Burn Wind Turbines
- Distance Radii from Outermost Turbine (5, 10, 15km)
- Cumulative Wind Farms within 15km
 - Consented
 - Operational
 - In planning
 - Consented, subject to an application for variation

Landscape Character Types

Scottish Borders

- BDR1 Dissected Plateau Moorland
- BDR8 Rolling Farmland

City of Edinburgh

- ED25 Rolling Farmland
- ED38 Incised River Valley
- ED42 Pentland Hills - upper slopes and summits

Falkirk

- 3 Lowland Plateau
- 4 Lowland River Valley

North Lanarkshire

- NL3c Incised Valleys
- NL6b Plateau Farmlands
- NL7 Plateau Moorlands
- Urban

West Lothian

- WL1 Upland Hills
- WL2 Upland Hill Fringes
- WL3 Lowland Hills and Valleys
- WL4 Broad Valley Lowlands
- WL5 Lowland Plateaux
- WL6 Lowland Plains
- WL7 Lowland River Corridors
- WL8 Lowland Hill Fringes
- Urban

South Lanarkshire

- SL1 Urban Fringe Farmland
- SL2 Incised River Valley
- SL4 Rolling Farmland
- SL4a Rolling Farmland Forestry
- SL5 Plateau Farmland
- SL5a Plateau Farmland Forestry
- SL5b Plateau Farmland Opencast Mining
- SL6 Plateau Moorland
- SL6a Plateau Moorland Forestry
- SL6c Plateau Moorland Windfarm
- SL9 Broad Valley Upland
- SL11 Prominent Isolated Hills
- SL12 Old Red Sandstone Hills
- Urban

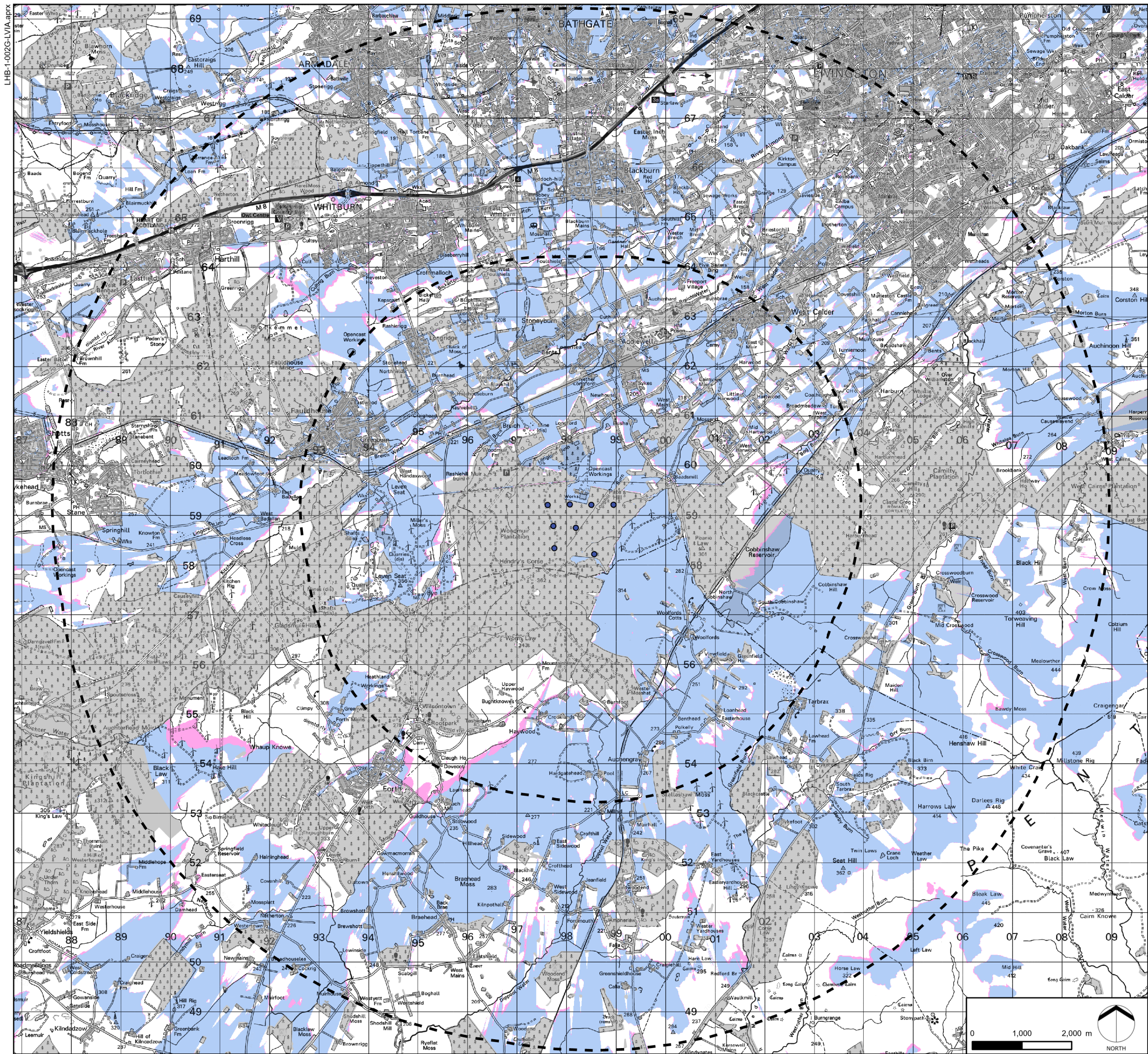
Projected Coordinate System: British National Grid

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LHB-1-002G-LVIA.aprx

LONGHILL BURN WIND FARM TIP HEIGHT INCREASE

FIGURE 6.4
Comparison Nacelle Lighting ZTV with
Screening Effect of Woodland and Settlement



KEY

- Proposed Longhill Burn Wind Turbines
- Distance Radii from Outermost Turbine (5, 10km)
- Buildings (Modelled at 7m)
- Woodland (Modelled at 15m)

Zone of Theoretical Visibility to Nacelle Light

- Proposed Layout 125m) may be visible
- Consented (110m) and Proposed Layouts may be Visible

FIGURE DATA:
This figure has been based on the following data:

Terrain data: LHB-1-T50-DSM-10m.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 10m

NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings.

A digital surface model (DSM) has been derived from OS Terrain 50 height data with the locations of woodland and buildings taken from the OS Open Map Local dataset. Buildings have been modelled with an assumed height of 7m and woodland an assumed height of 15m, representing a conservative estimate of average heights within the study area.

The model does not take into account some localised features such as small copses, hedgerows or individual trees and therefore still gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be less than that suggested by this plan.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 10m² resolution.

Projected Coordinate System: British National Grid

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JUN 2020	MP	A3	1:75,000	MF	-

LHB-1-002G-LVA.aprx

LONGHILL BURN WIND FARM
TIP HEIGHT INCREASE

FIGURE 6.5

Zone of Theoretical Visibility to Blade Tip -
Bare Ground

KEY

- Proposed Longhill Burn Wind Turbines
- Distance Radii from Outermost Turbine (5, 20, 35km)
- Viewpoints
- Local Authority Boundary

Zone of Theoretical Visibility to Blade Tip (200m)

- 1 - 3 turbines may be visible
- 4 - 6 turbines may be visible
- 7 - 8 turbines may be visible

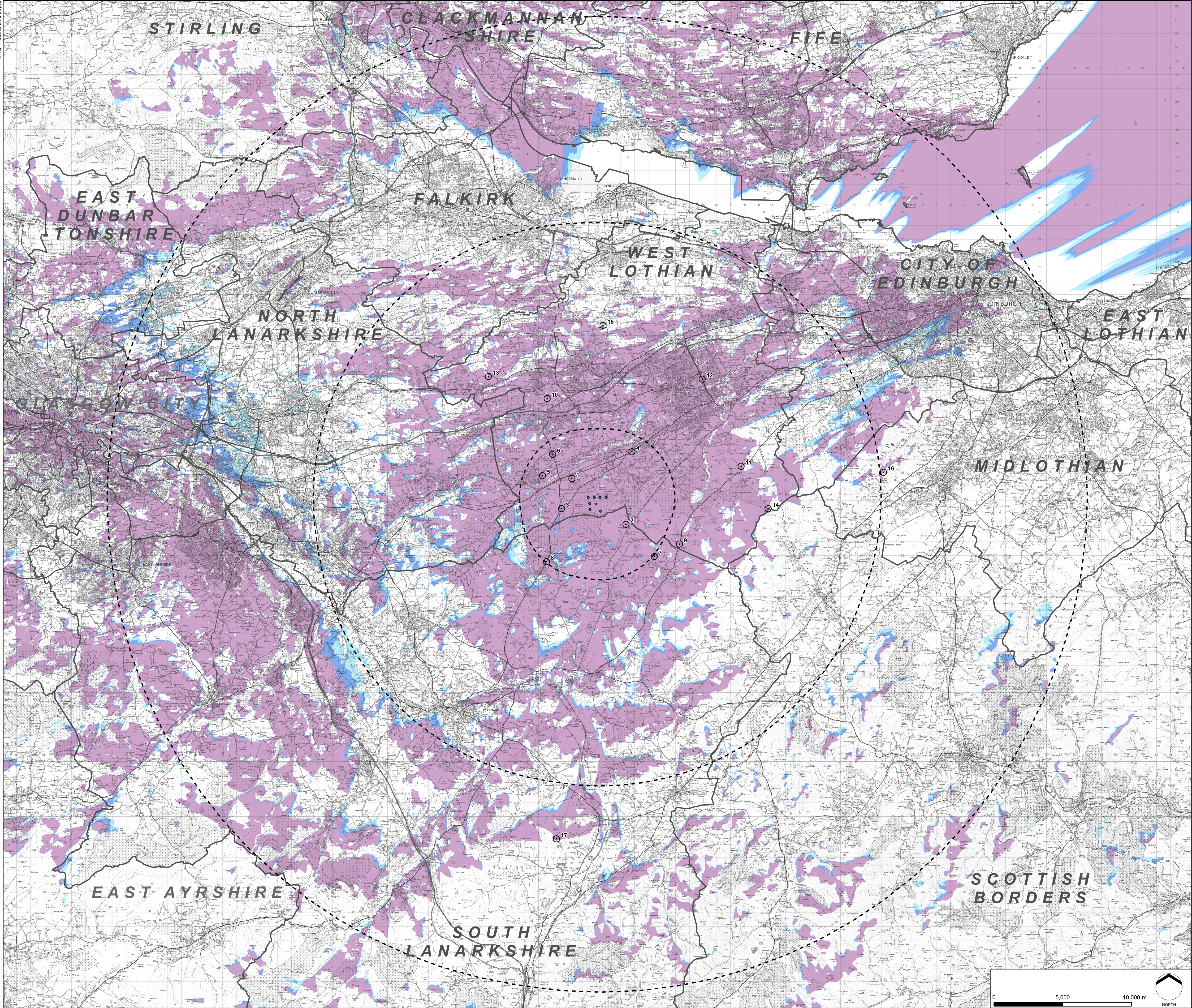


FIGURE DATA:
This figure has been based on the following data:

Terrain data: LHB1-T50-DTM-10m.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 10m

NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 10m² resolution.

Projected Coordinate System: British National Grid

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JUN 2020	MP	A1	1:130,000	MF	-

LHB-1-002G-LVA.aprx

LONGHILL BURN WIND FARM
TIP HEIGHT INCREASE

FIGURE 6.6

Zone of Theoretical Visibility to Hub Height -
Bare Ground

KEY

- Proposed Longhill Burn Wind Turbines
- Distance Radii from Outermost Turbine (5, 20, 35km)
- Viewpoints
- Local Authority Boundary

Zone of Theoretical Visibility to Hub Height (125m)

- 1 - 3 turbines may be visible
- 4 - 6 turbines may be visible
- 7 - 8 turbines may be visible

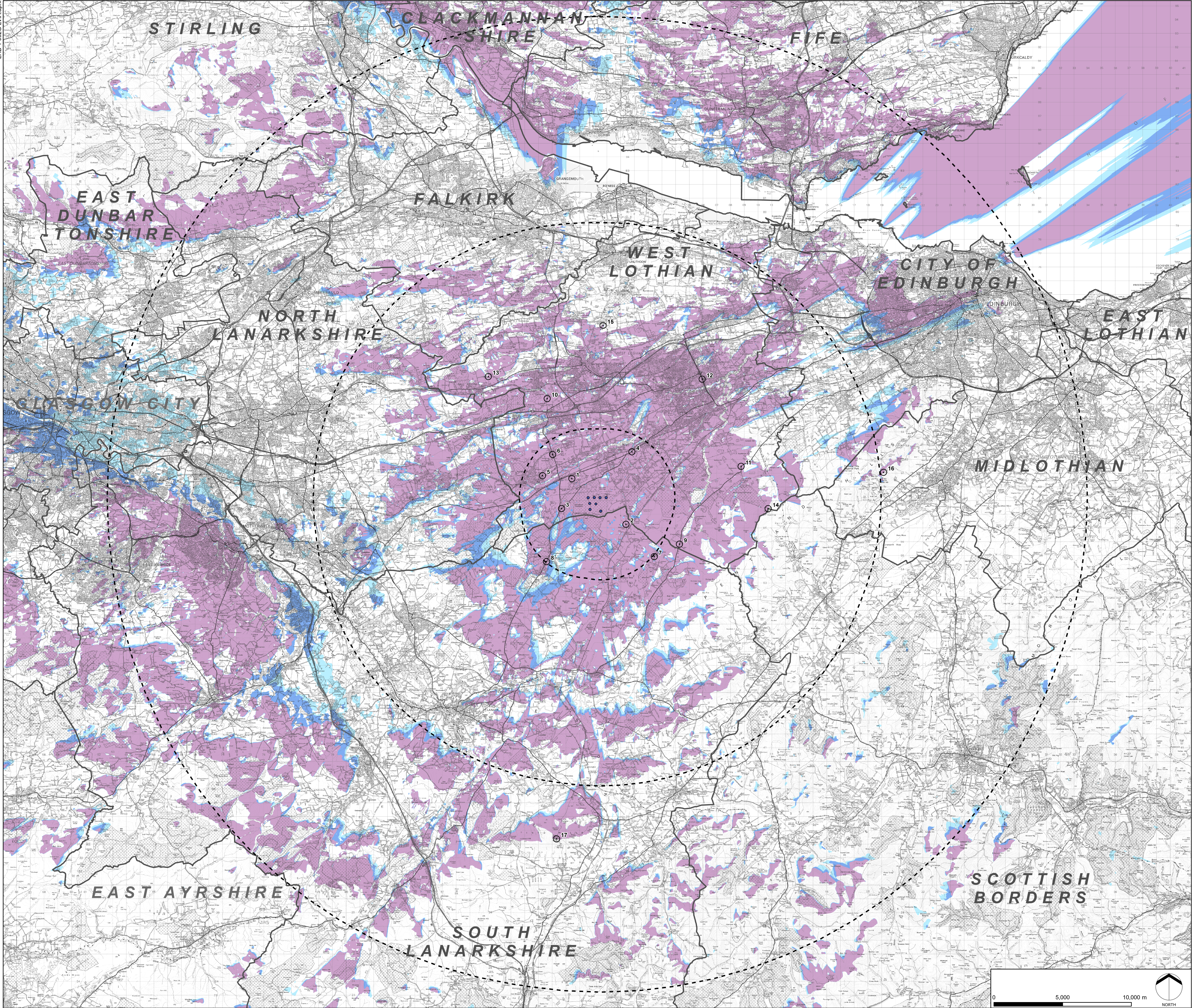


FIGURE DATA:
This figure has been based on the following data:

Terrain data: LHB1-T50-DTM-10m.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 10m

NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

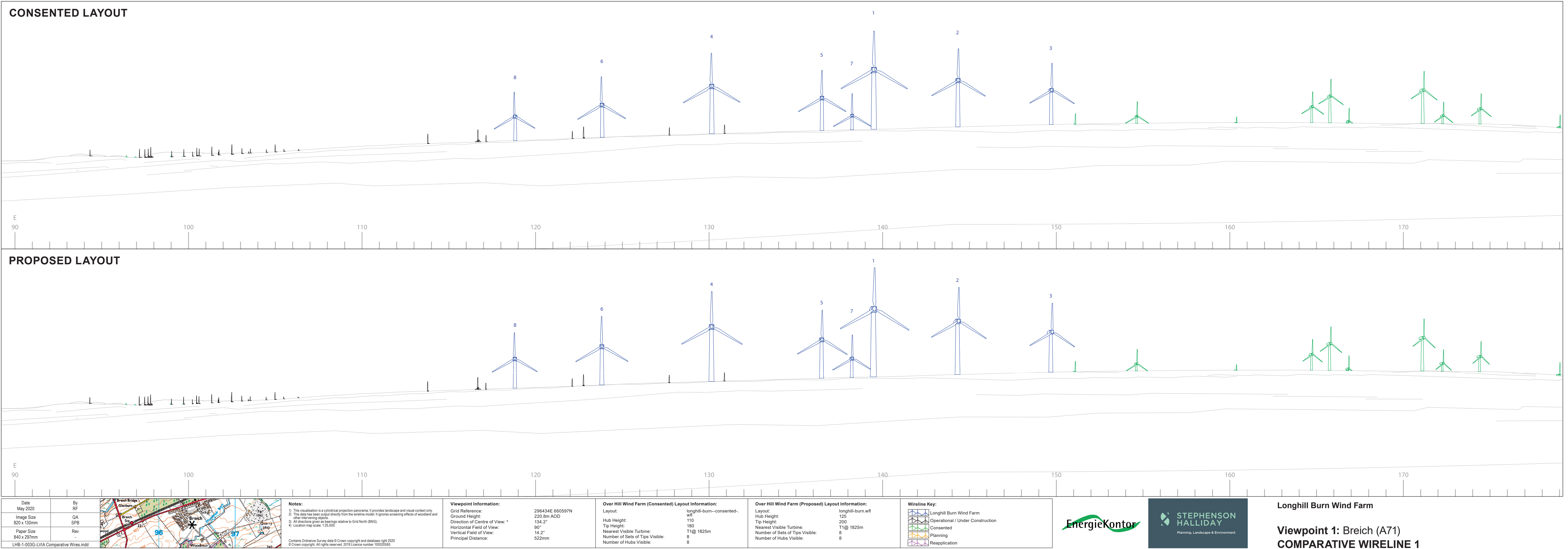
The areas shown are the maximum theoretical visibility, taking topography into account.

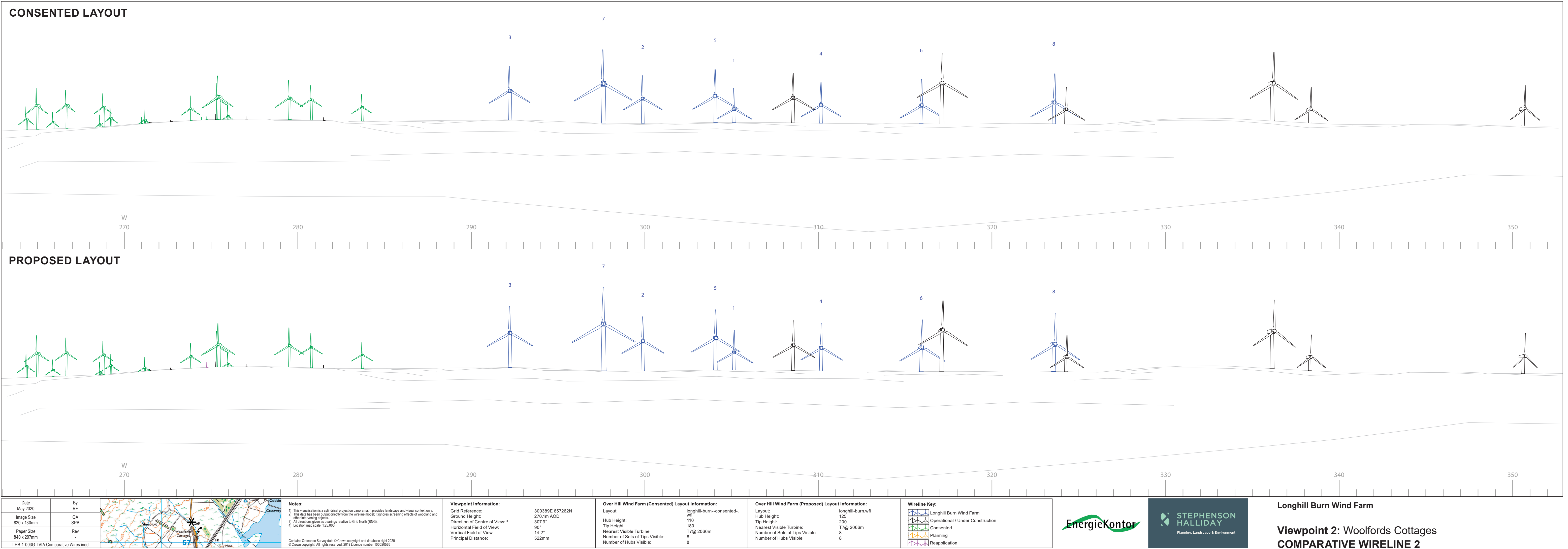
This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

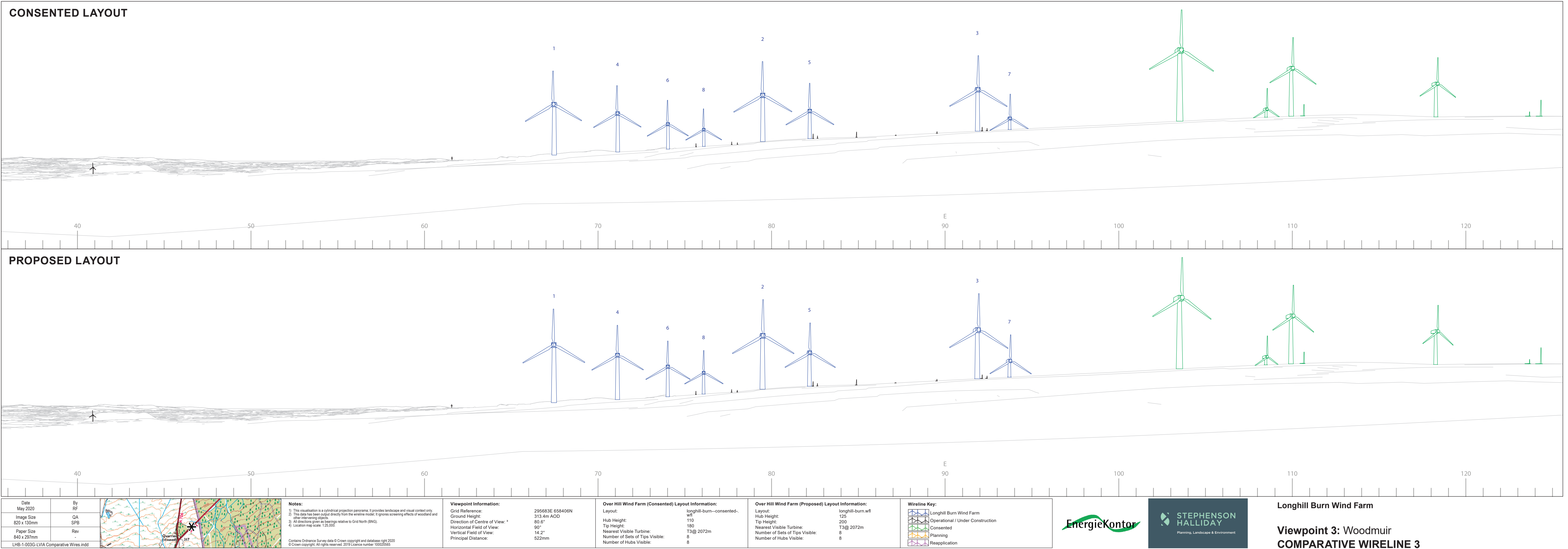
The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 10m² resolution.

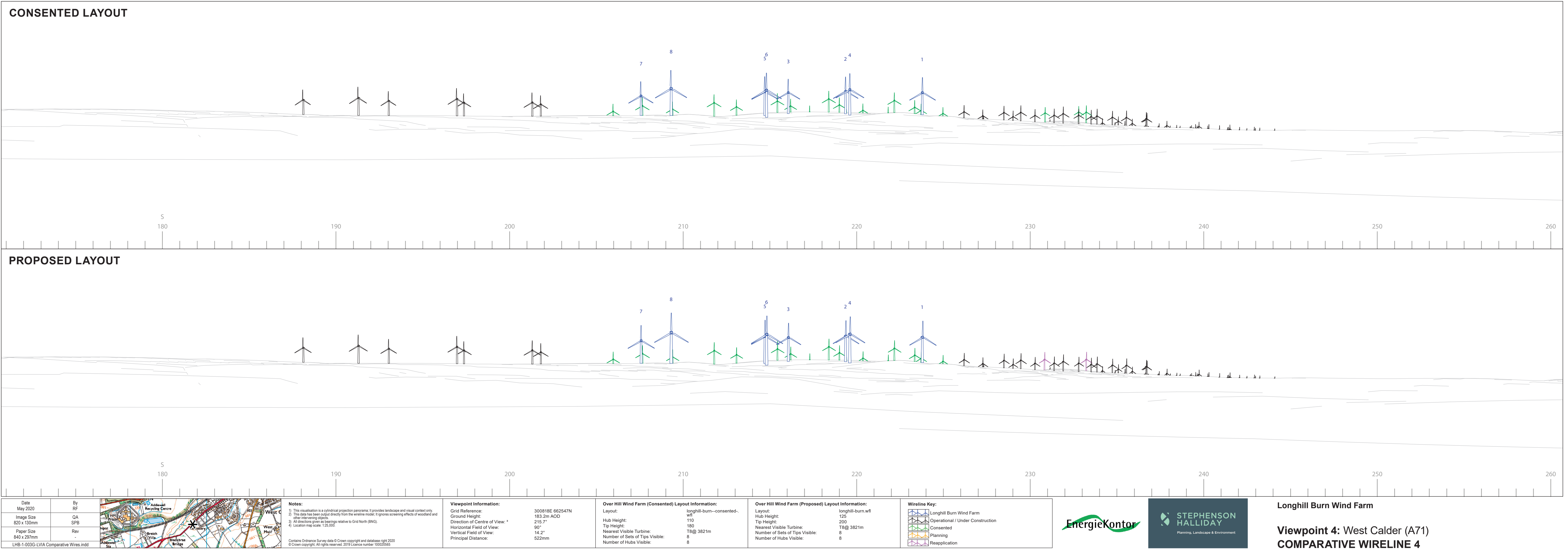
Projected Coordinate System: British National Grid

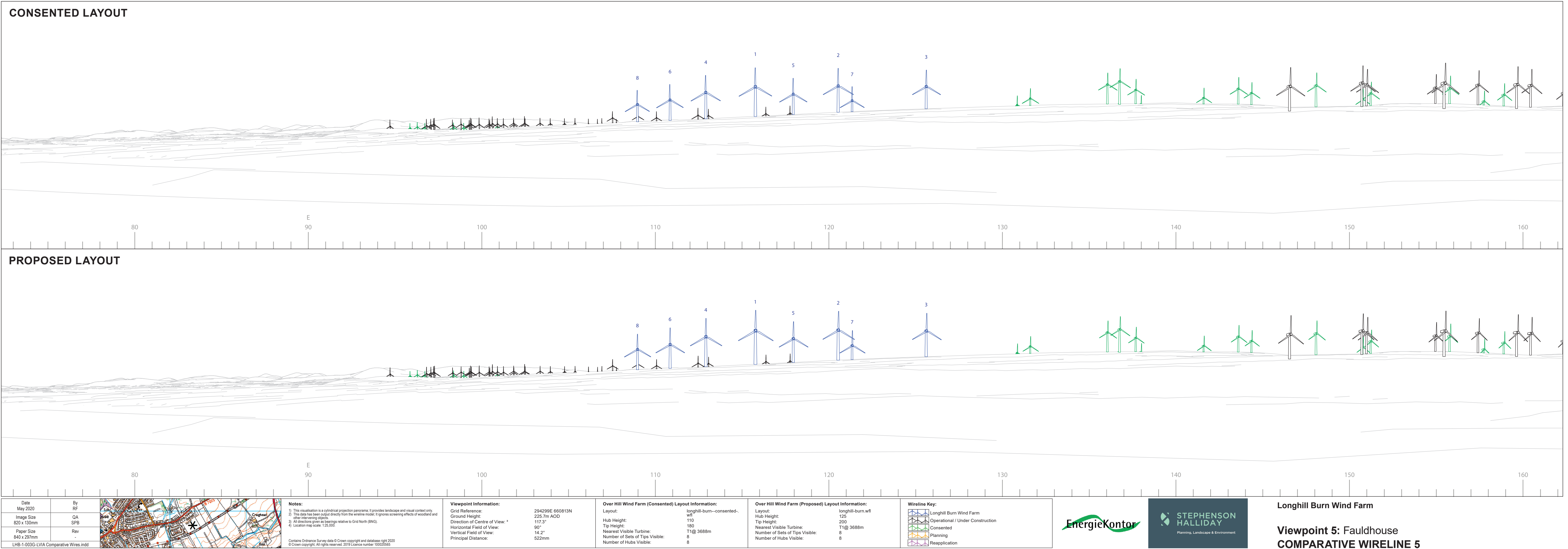
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JUN 2020	MP	A1	1:130,000	MF	-

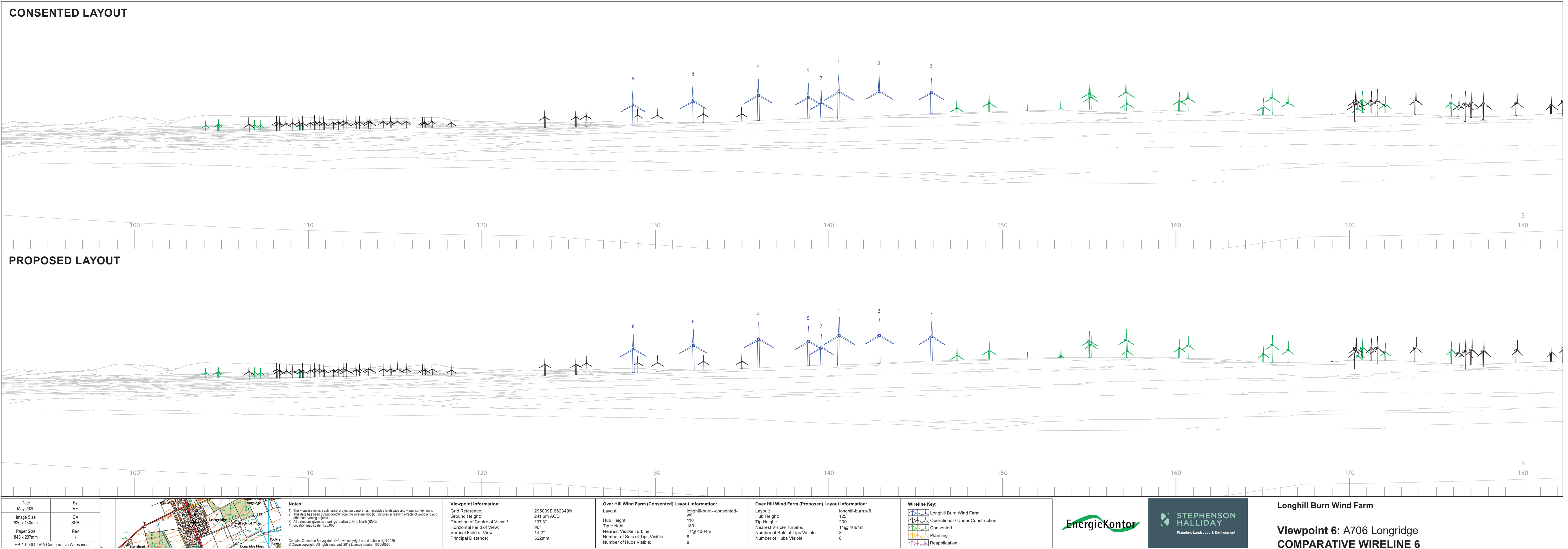




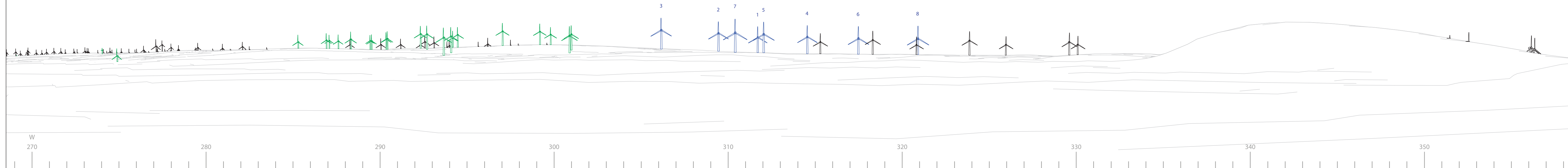




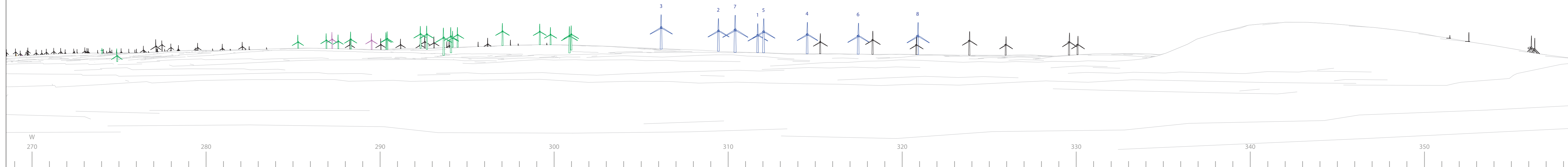




CONSENTED LAYOUT



PROPOSED LAYOUT



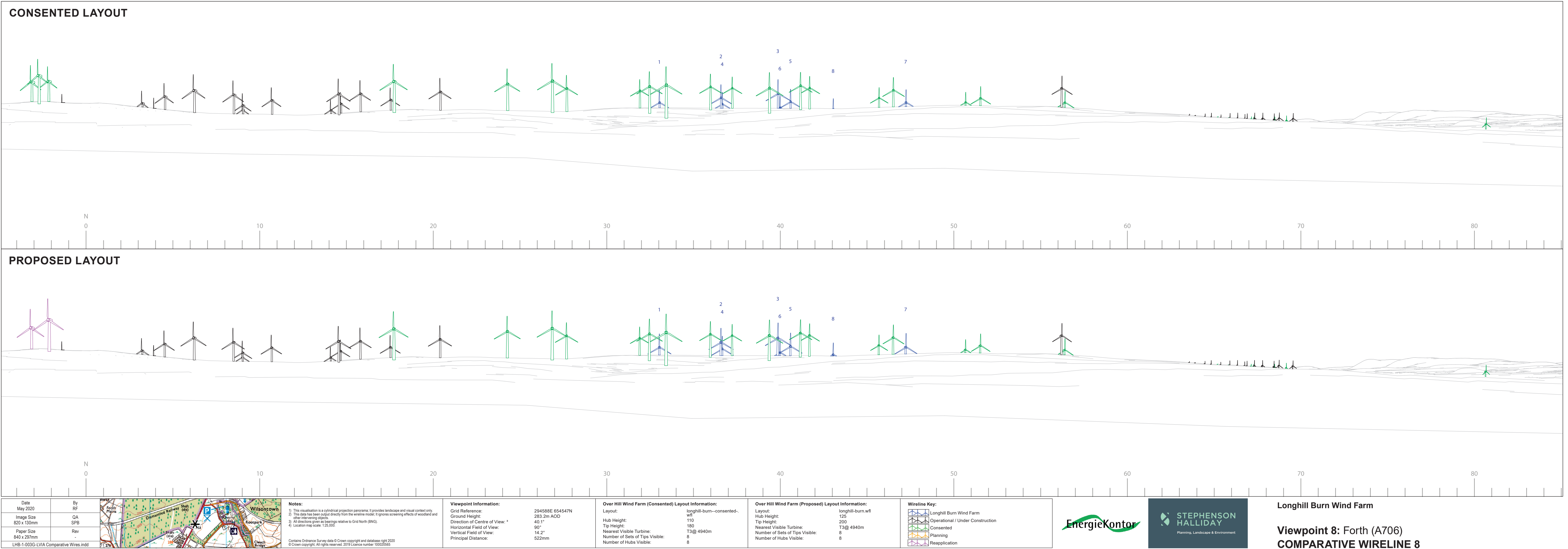
Date May 2020	By RF		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000	Viewpoint Information: Grid Reference: 302446E 654912N Ground Height: 287.1m AOD Direction of Centre of View: 313.5° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Over Hill Wind Farm (Consented) Layout Information: Layout: longhill-burn--consented-wf Hub Height: 110 Tip Height: 180 Nearest Visible Turbine: T7 @ 5105m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Over Hill Wind Farm (Proposed) Layout Information: Layout: longhill-burn.wf Hub Height: 125 Tip Height: 200 Nearest Visible Turbine: T7 @ 5105m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key:
Image Size 820 x 130mm	QA SPB						
Paper Size 840 x 297mm	Rev -						
LHB-1-003G-LVIA Comparative Wires.indd							

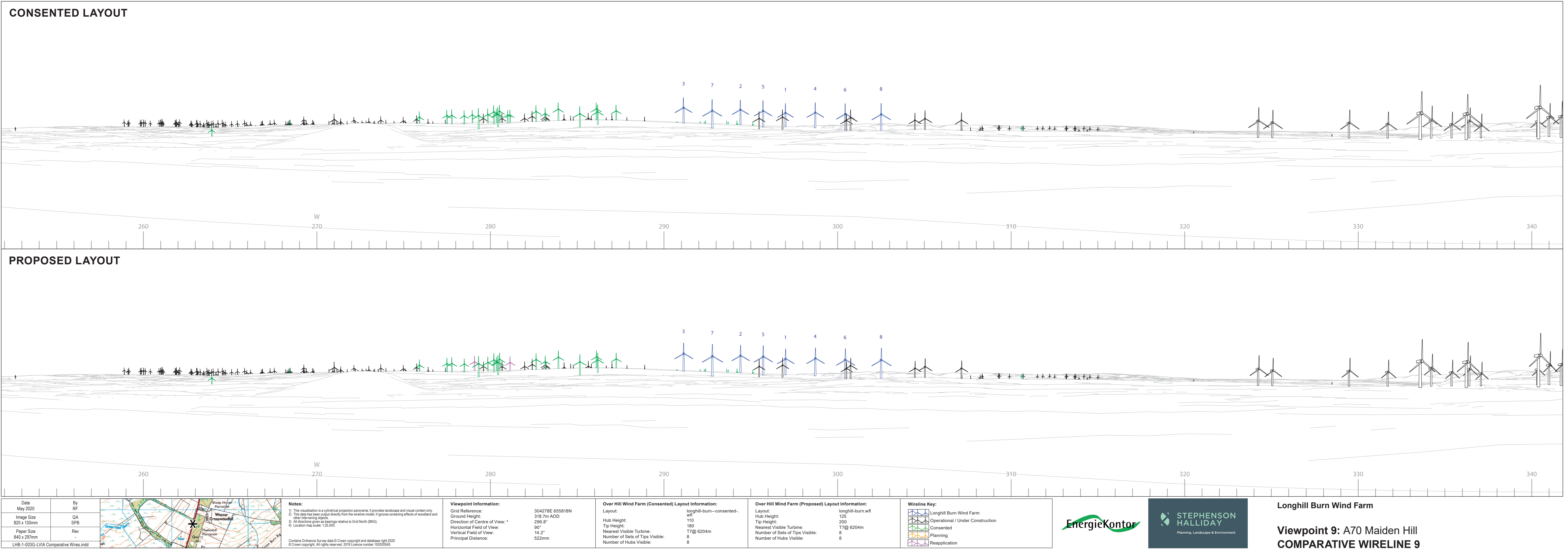


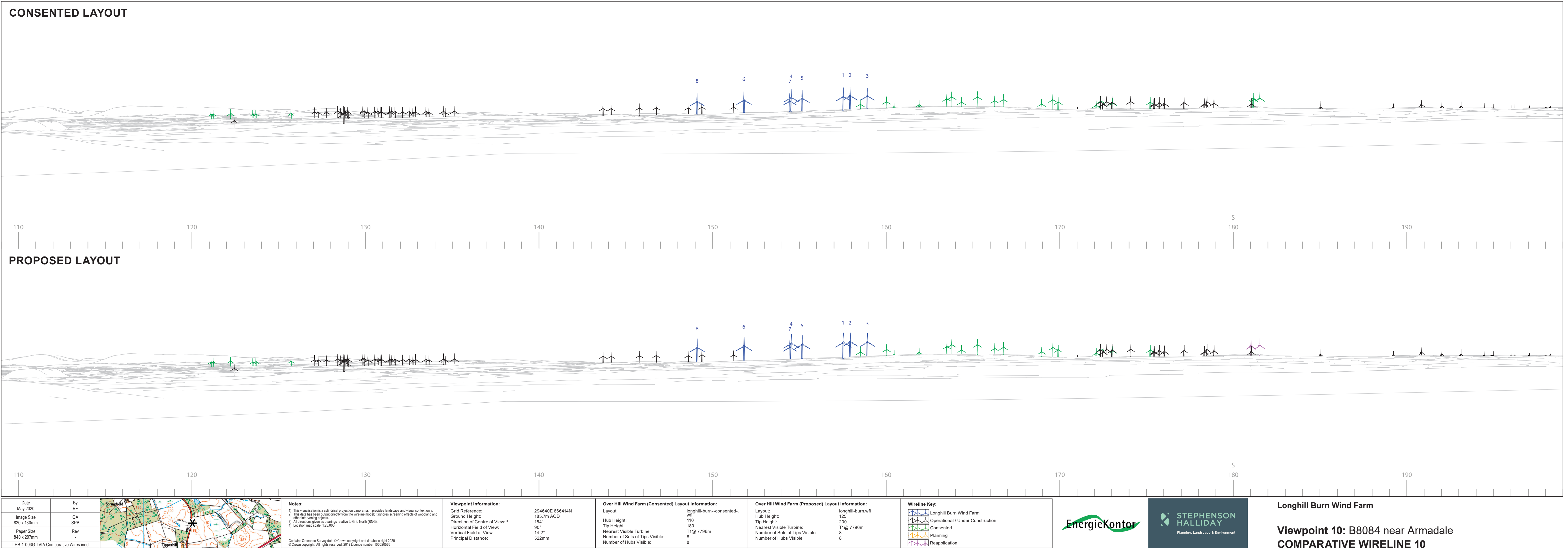
Longhill Burn Wind Farm

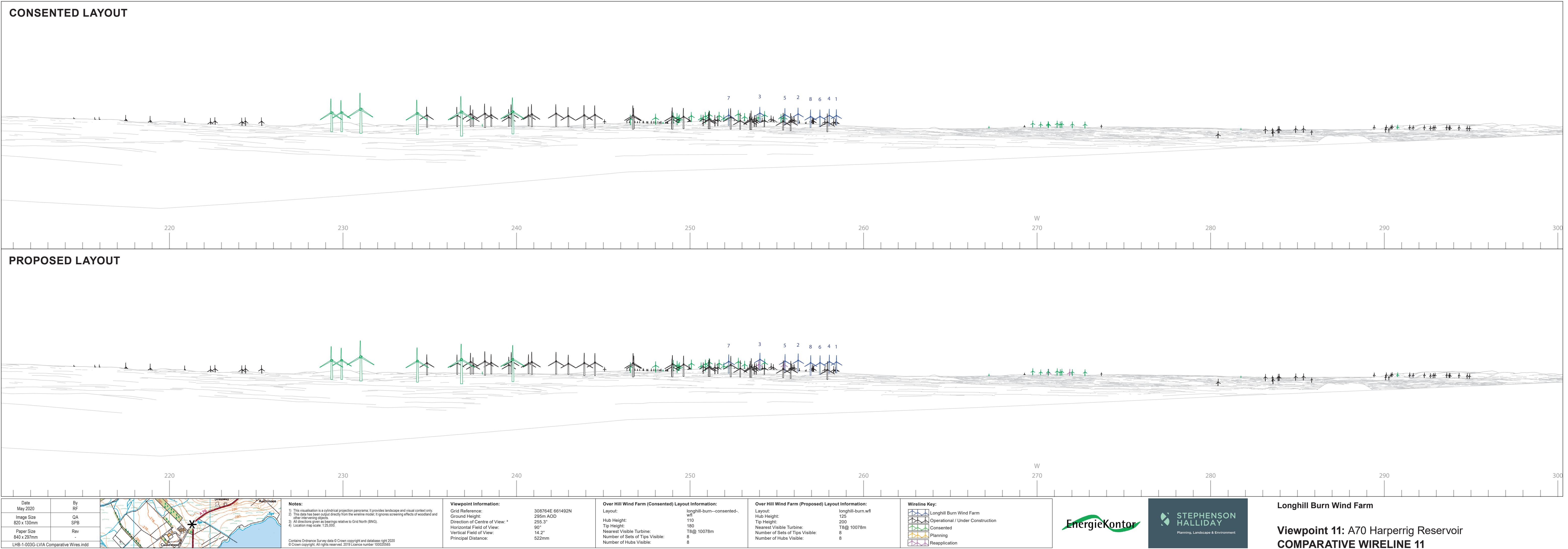
Viewpoint 7: Tarbrax

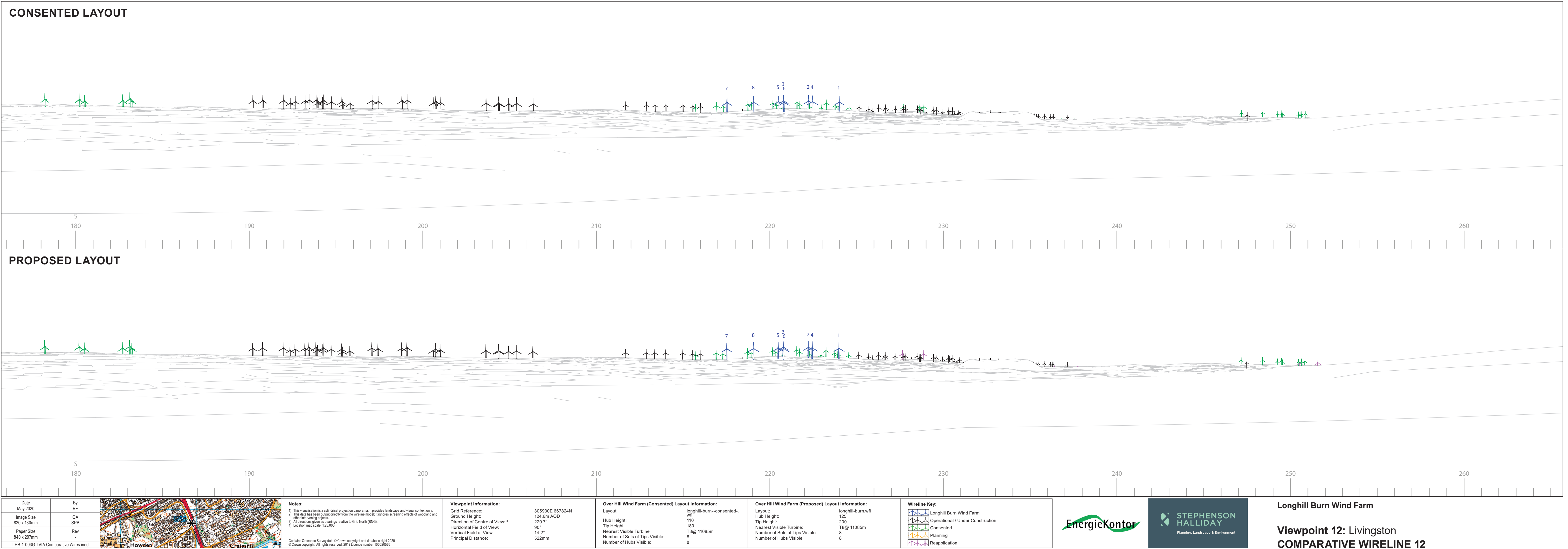
COMPARATIVE WIRELINE 7

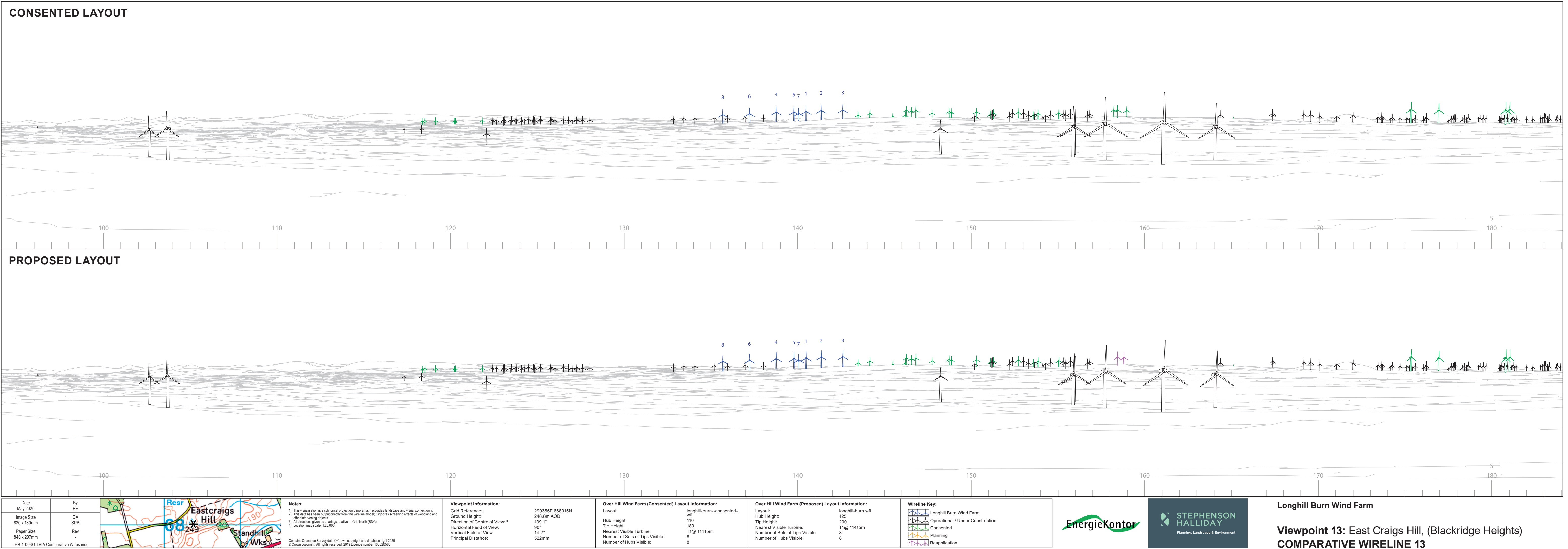












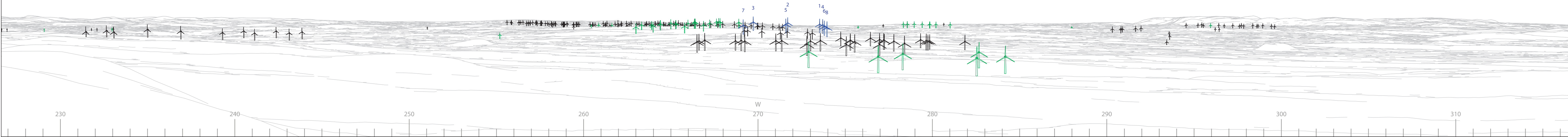
STEPHENSON
HALLIDAY
Planning, Landscape & Environment

Longhill Burn Wind Farm

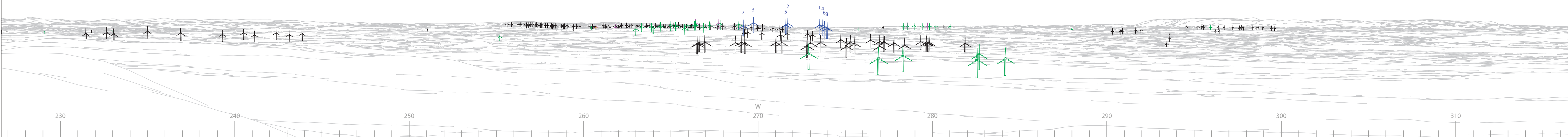
Viewpoint 13: East Craigs Hill, (Blackridge Heights)

COMPARATIVE WIRELINE 13

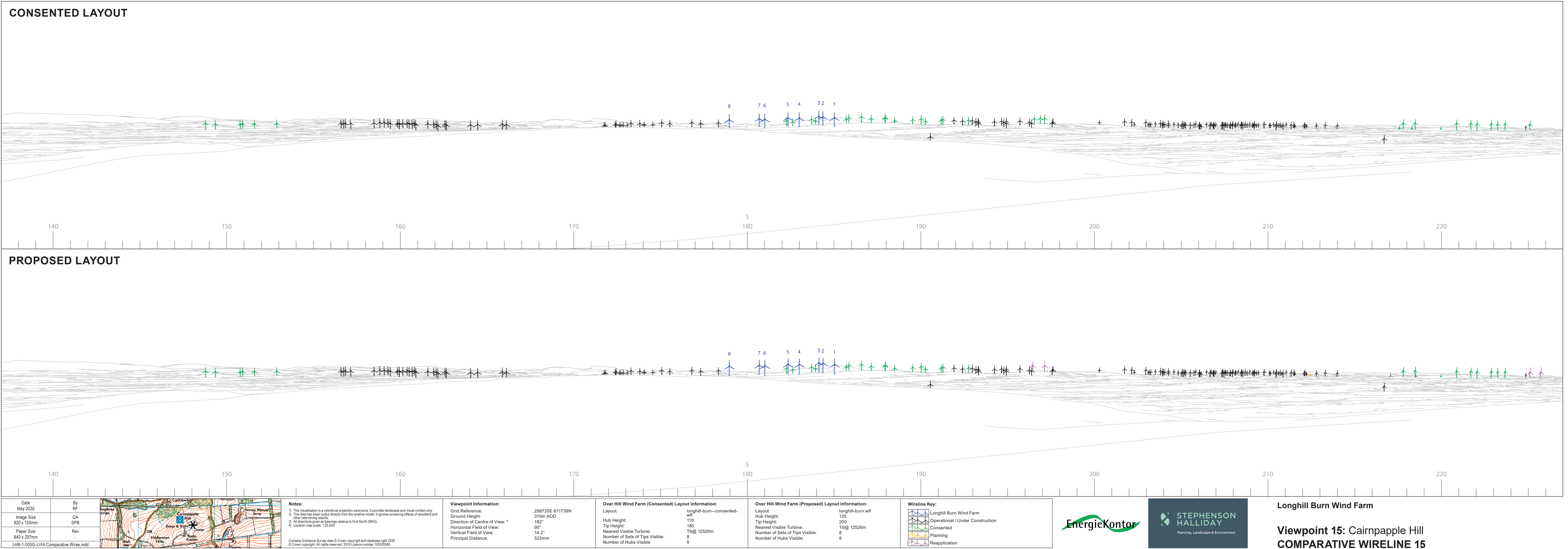
CONSENTED LAYOUT

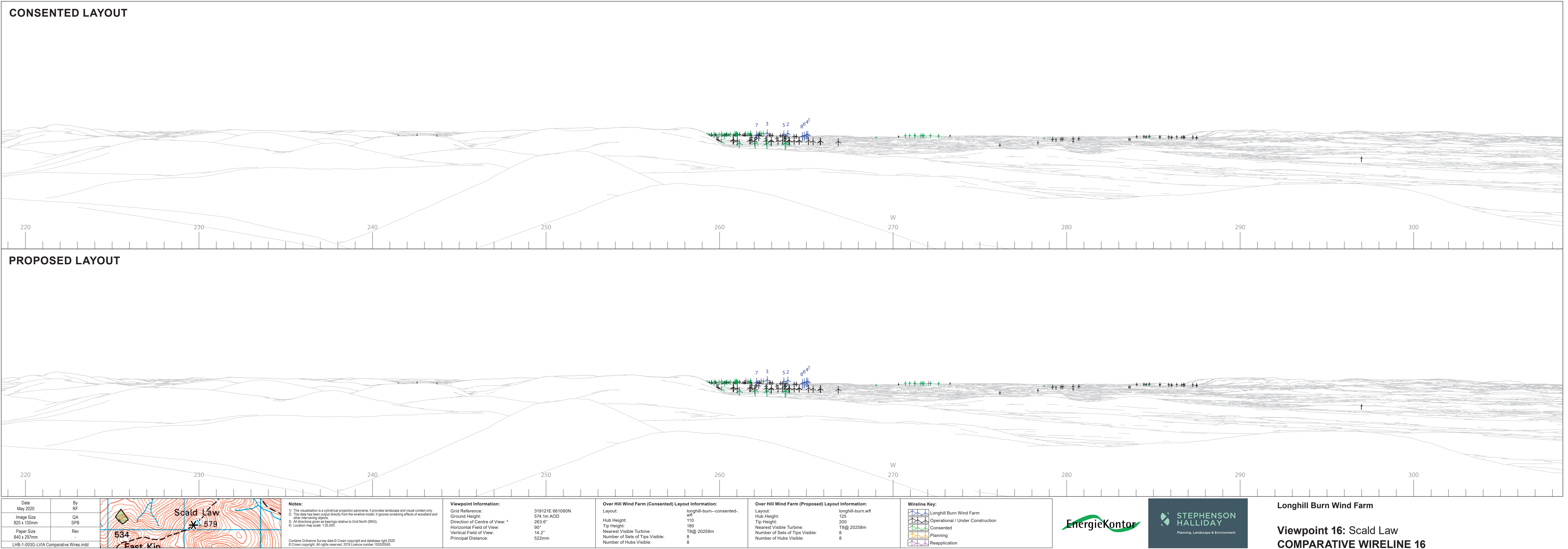


PROPOSED LAYOUT



Date May 2020	By RF		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100025555	Viewpoint Information: Grid Reference: 310729E 658401N Ground Height: 561.8m AOD Direction of Centre of View: 3 Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Over Hill Wind Farm (Consented) Layout Information: Layout: longhill-burn--consented-.wfl Hub Height: 110 Tip Height: 180 Nearest Visible Turbine: T8@ 11810m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Over Hill Wind Farm (Proposed) Layout Information: Layout: longhill-burn.wfl Hub Height: 125 Tip Height: 200 Nearest Visible Turbine: T8@ 11810m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication			Longhill Burn Wind Farm Viewpoint 14: West Cairn Hill COMPARATIVE WIRELINE 14	
Image Size 820 x 130mm	QA SPB										
Paper Size 840 x 297mm	Rev -										
LHB-1-003G-LVIA Comparative Wires.indd											





Date
May 2020

By
RF

Image Size
820 x 130mm

Paper Size
840 x 297mm

QA
SPB

Rev
-

LHB-1-003G-LVIA Comparative Wires.indd

Notes:

1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only.
2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects.
3) All directions given as bearings relative to Grid North (BNG).
4) Location map scale: 1:25,000

Viewpoint Information:

Grid Reference: 319121E 661060N
Ground Height: 574.1m AOD
Direction of Centre of View: 3263.6°
Horizontal Field of View: 90°
Vertical Field of View: 14.2°
Principal Distance: 522mm

Over Hill Wind Farm (Consented) Layout Information:

Layout: longhill-burn--consented-.wfl
Hub Height: 110
Tip Height: 180
Nearest Visible Turbine: T8@ 20258m
Number of Sets of Tips Visible: 8
Number of Hubs Visible: 8

Over Hill Wind Farm (Proposed) Layout Information:

Layout: longhill-burn.wfl
Hub Height: 125
Tip Height: 200
Nearest Visible Turbine: T8@ 20258m
Number of Sets of Tips Visible: 8
Number of Hubs Visible: 8

Wireline Key:

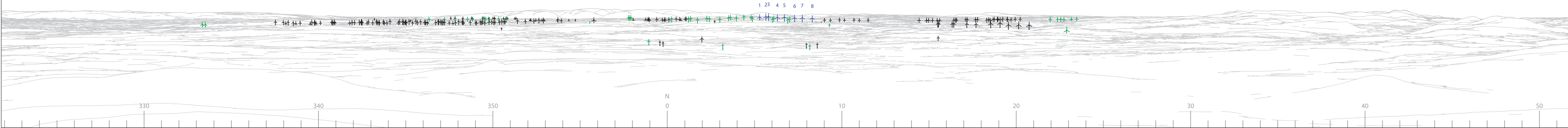
Longhill Burn Wind Farm
 Operational / Under Construction
 Consented
 Planning
 Reapplication

Longhill Burn Wind Farm

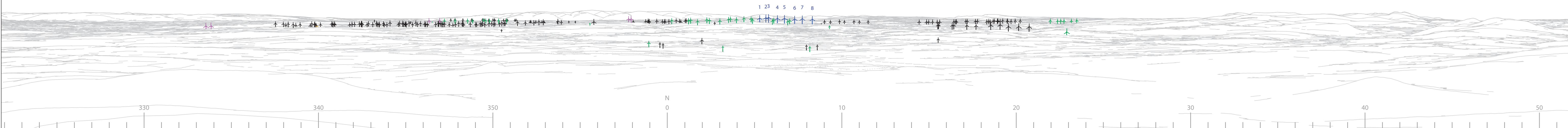
Viewpoint 16: Scald Law

COMPARATIVE WIRELINE 16

CONSENTED LAYOUT

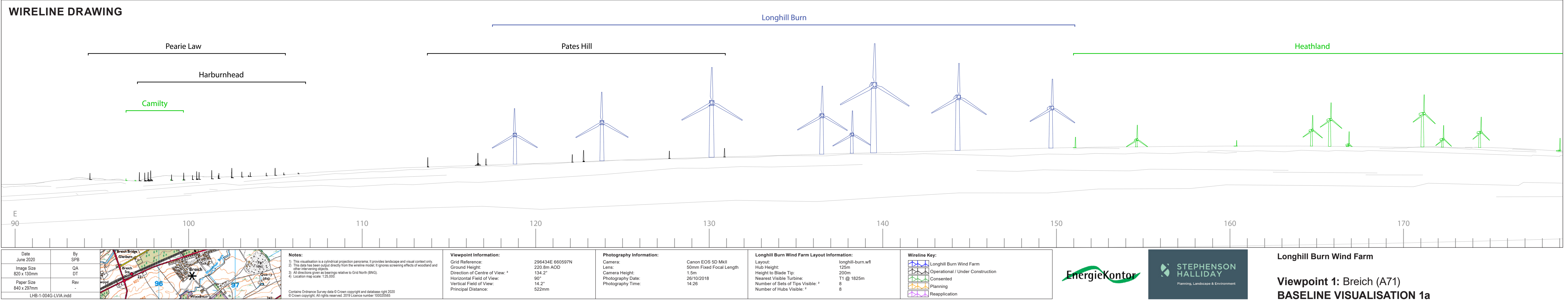


PROPOSED LAYOUT



Date May 2020	By RF		Notes: 1) This visualisation is a cylindrical projection panorama. It provides landscape and visual context only. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000	Viewpoint Information: Grid Reference: 295318E 634372N Ground Height: 710m AOD Direction of Centre of View: 3 Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Over Hill Wind Farm (Consented) Layout Information: Layout: longhill-burn--consented-.wfl Hub Height: 110 Tip Height: 180 Nearest Visible Turbine: T7@ 24067m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Over Hill Wind Farm (Proposed) Layout Information: Layout: longhill-burn.wfl Hub Height: 125 Tip Height: 200 Nearest Visible Turbine: T7@ 24067m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: 			Longhill Burn Wind Farm Viewpoint 17: Tinto Hill COMPARATIVE WIRELINE 17
Image Size 820 x 130mm	QA SPB									
Paper Size 840 x 297mm	Rev -									
LHB-1-003G-LVIA Comparative Wires.indd										

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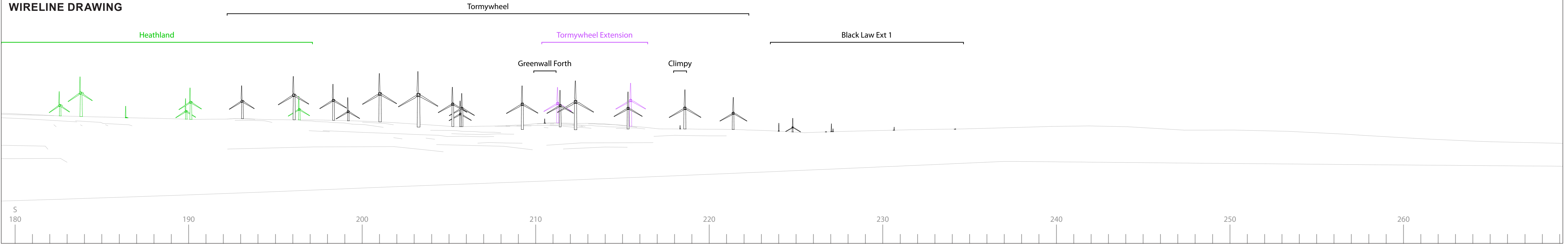




BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020	By SPB		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 296434E 660597N Ground Height: 220.8m AOD Direction of Centre of View: ² 224.2° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:26	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 1825m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication
Image Size 820 x 130mm	QA DT						
Paper Size 840 x 297mm	Rev -						
LHB-1-004G-LVIA.indd							



Longhill Burn Wind Farm
Viewpoint 1: Breich (A71)
BASELINE VISUALISATION 1b



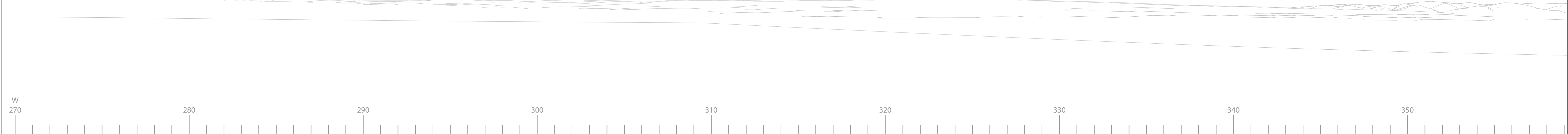
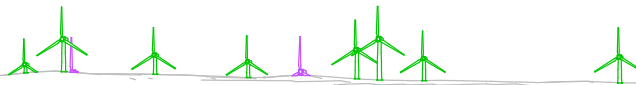
BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING

West Benhar

Brownhill Farm



Date June 2020	By SPB
Image Size 820 x 130mm	QA DT
Paper Size 840 x 297mm	Rev -
LHB-1-004G-LVIA.indd	

Notes:

1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only.
2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects.
3) All directions given as bearings relative to Grid North (BNG).
4) Location map scale: 1:25,000

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Viewpoint Information:

Grid Reference: 296434E 660597N
Ground Height: 220.8m AOD
Direction of Centre of View: 314.2°
Horizontal Field of View: 90°
Vertical Field of View: 14.2°
Principal Distance: 522mm

Photography Information:

Camera: Canon EOS 5D MkII
Lens: 50mm Fixed Focal Length
Camera Height: 1.5m
Photography Date: 26/10/2018
Photography Time: 14:26

Longhill Burn Wind Farm Layout Information:

Layout: longhill-burn.wfl
Hub Height: 125m
Height to Blade Tip: 200m
Nearest Visible Turbine: T1 @ 1825m
Number of Sets of Tips Visible: 8
Number of Hubs Visible: 8

Wireline Key:

- Longhill Burn Wind Farm
- Operational / Under Construction
- Consented
- Planning
- Reapplication



Longhill Burn Wind Farm

Viewpoint 1: Breich (A71)

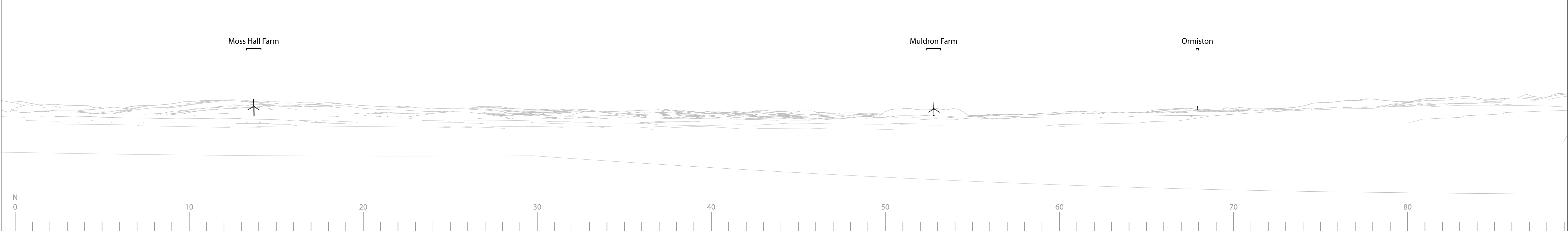
BASELINE VISUALISATION 1c



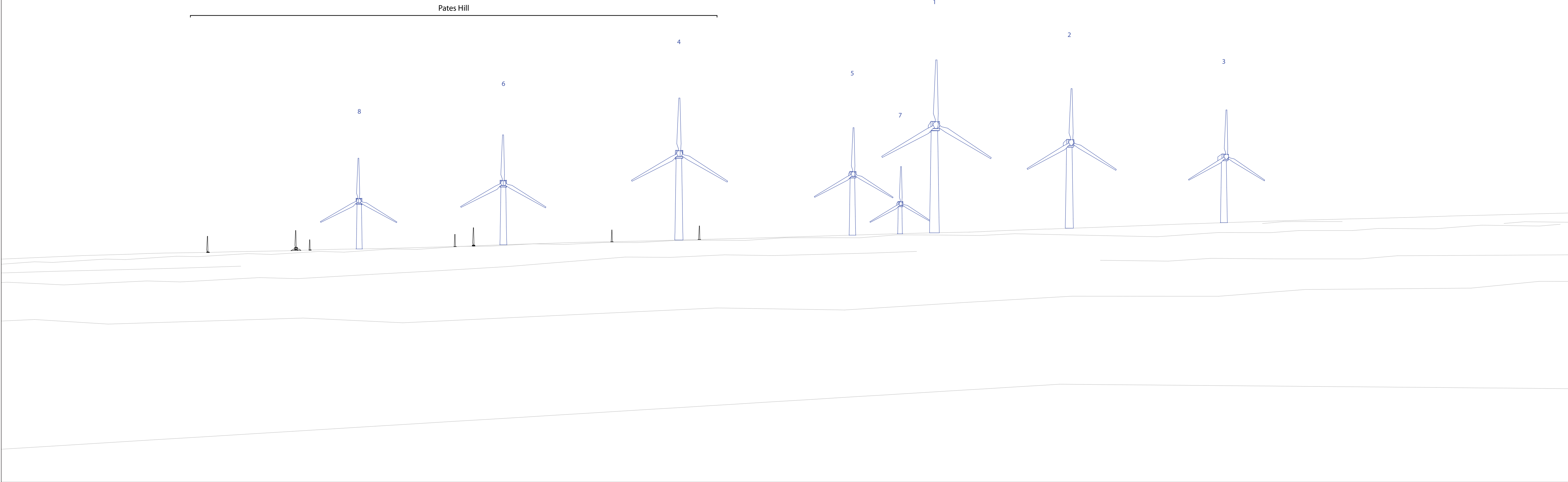
BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 296434E 660597N Ground Height: 220.8m AOD Direction of Centre of View: 3 44.2° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:26	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 1825m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication			Longhill Burn Wind Farm Viewpoint 1: Breich (A71) BASELINE VISUALISATION 1d
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PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 296434E 660597N Ground Height: 220.8m AOD Direction of Centre of View: ³ 134.2° Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:26	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 1825m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8
Image Size 820 x 260mm	QA DT					
Paper Size 840 x 297mm	Rev -					
LHB-1-004G-LVIA.indd						



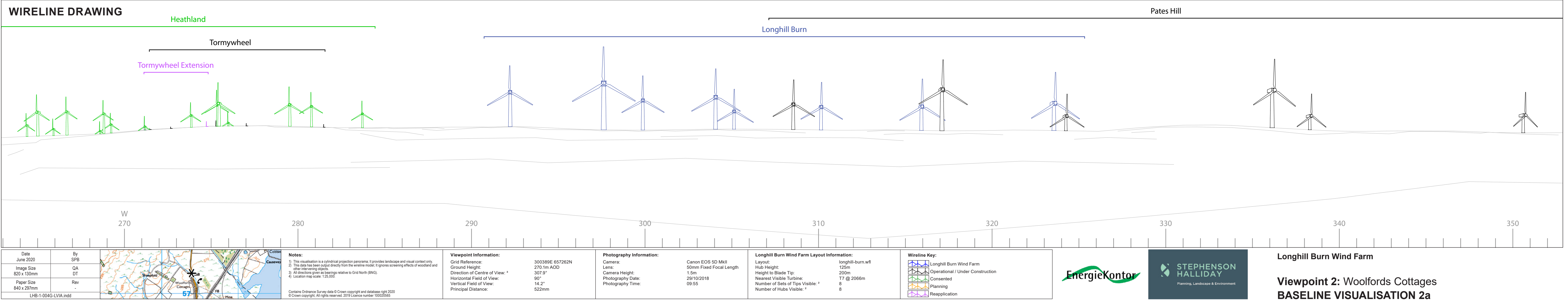
Longhill Burn Wind Farm
Viewpoint 1: Breich (A71)
PHOTOMONTAGE VISUALISATION 1f



BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING

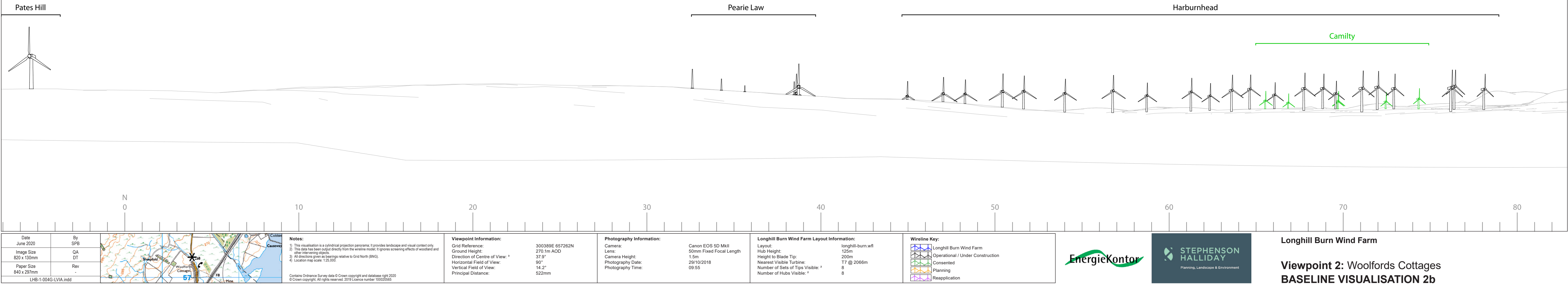




BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING

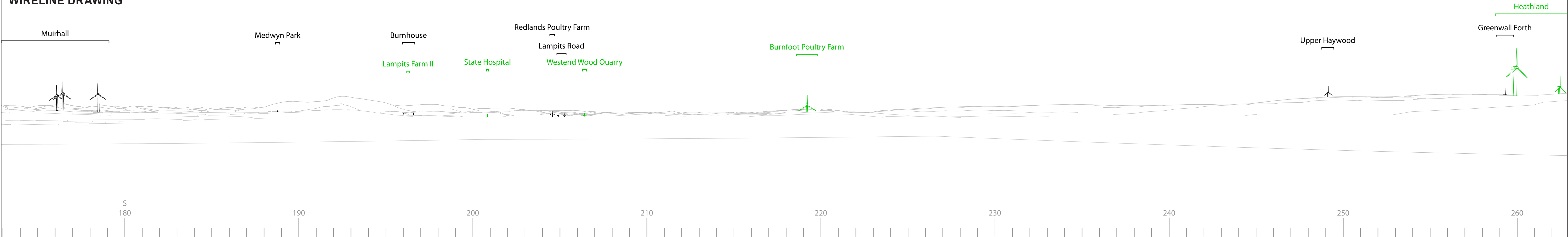




BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 300389E 657262N Ground Height: 270.1m AOD Direction of Centre of View: 3 Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 09:55	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T7 @ 2066m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication			Longhill Burn Wind Farm Viewpoint 2: Woolfords Cottages BASELINE VISUALISATION 2d
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Tormywheel

Pates Hill

Date
June 2020

Image Size
820 x 260mm

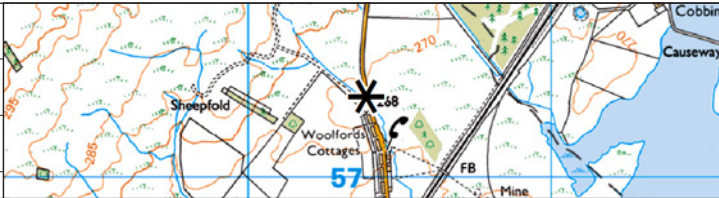
Paper Size
840 x 297mm

By
SPB

QA
DT

Rev
-

LHB-1-004G-LVIA.indd



Notes:

- 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length.
- 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects.
- 3) All directions given as bearings relative to Grid North (BNG).
- 4) Location map scale: 1:25,000

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Viewpoint Information:

Grid Reference:	300389E 657262N
Ground Height:	270.1m AOD
Direction of Centre of View: ³	307.9°
Horizontal Field of View:	53.5°
Vertical Field of View:	18.2°
Principal Distance:	812.5mm

Longhill Burn Wind Farm Layout Information:

Layout:	longhill-burn.wfl
Hub Height:	125m
Height to Blade Tip:	200m
Nearest Visible Turbine:	T7 @ 2066m
Number of Sets of Tips Visible: ²	8
Number of Hubs Visible: ²	8

Wireline Key:

	Longhill Burn Wind Farm
	Operational / Under Construction



Longhill Burn Wind Farm

Viewpoint 2: Woolfords Cottages

WIRELINE VISUALISATION 2e



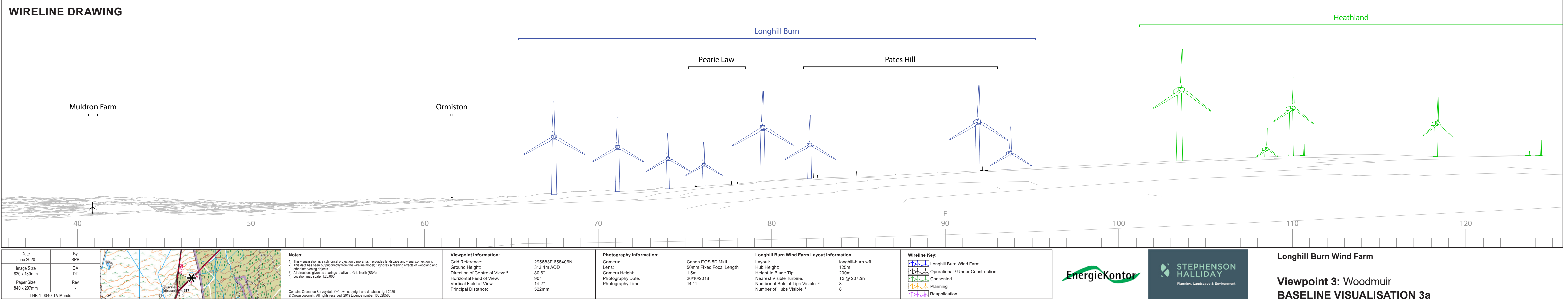
PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020555	Viewpoint Information: Grid Reference: 300389E 657262N Ground Height: 270.1m AOD Direction of Centre of View: ³ 307.9° Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 09:55	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: 17 @ 2066m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8
Image Size 820 x 260mm	QA DT					
Paper Size 840 x 297mm	Rev -					
LHB-1-004G-LVIA.indd						



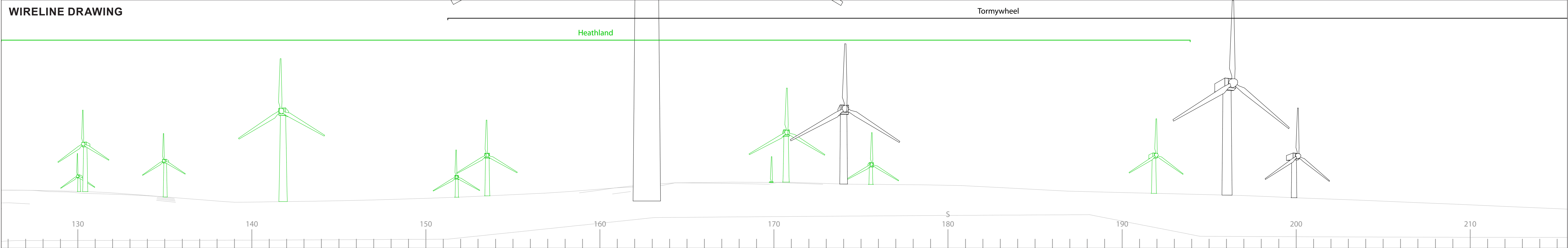
Longhill Burn Wind Farm
Viewpoint 2: Woolfords Cottages
PHOTOMONTAGE VISUALISATION 2f





BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

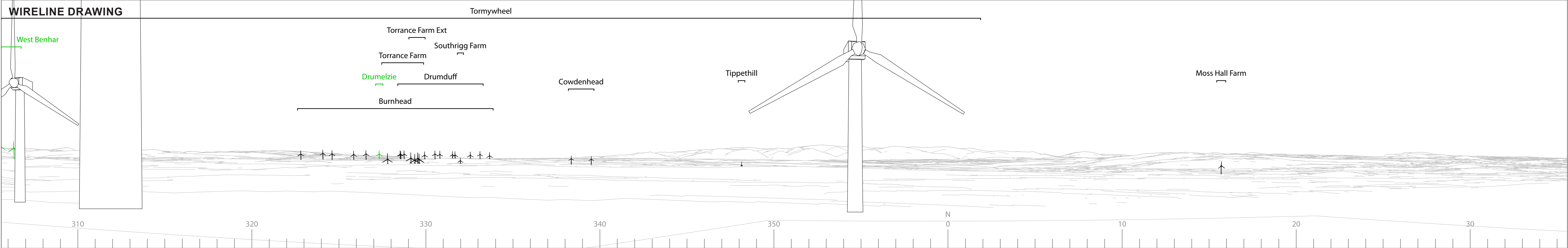


Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -	Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 295683E 658406N Ground Height: 313.4m AOD Direction of Centre of View: 3 170.6° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:11	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T3 @ 2072m Number of Sets of Tips Visible: 2 8 Number of Hubs Visible: 2 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication		 Planning, Landscape & Environment	Longhill Burn Wind Farm Viewpoint 3: Woodmuir BASELINE VISUALISATION 3b
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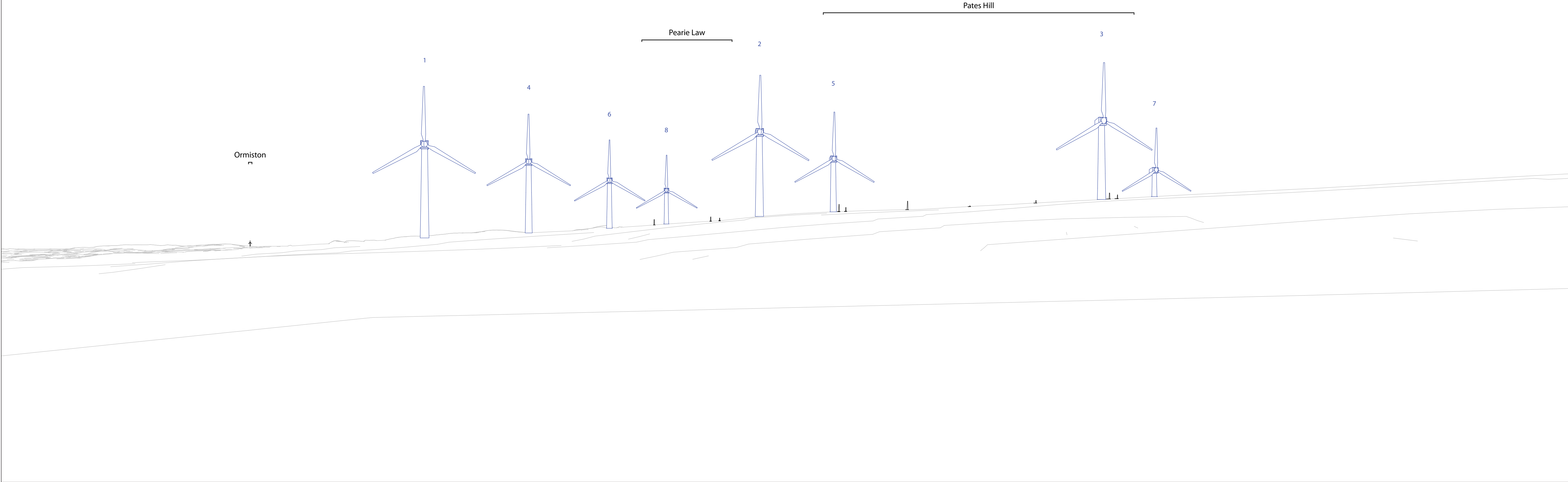


BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY



Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 2956683E 658406N Ground Height: 313.4m AOD Direction of Centre of View: 3 350.6° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:11	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T3 @ 2072m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication			Longhill Burn Wind Farm Viewpoint 3: Woodmuir BASELINE VISUALISATION 3d
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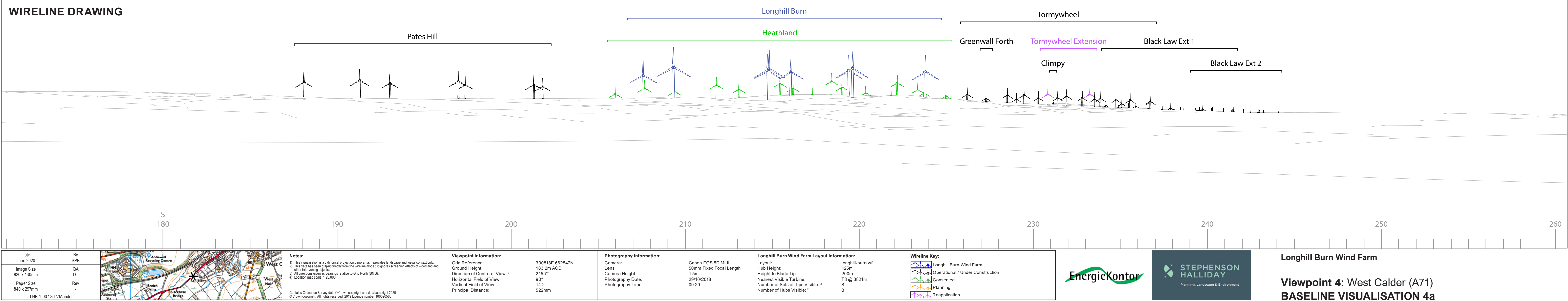
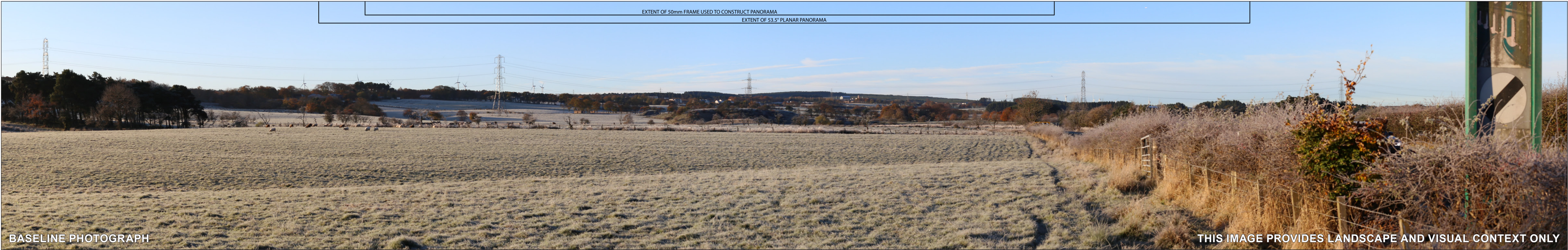
PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 2956683E 658406N Ground Height: 313.4m AOD Direction of Centre of View: ³ 80.6° Horizontal Field of View: 53.6° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:11	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T3 @ 2072m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8
Image Size 820 x 260mm	QA DT					
Paper Size 840 x 297mm	Rev -					
LHB-1-004G-LVIA.indd						



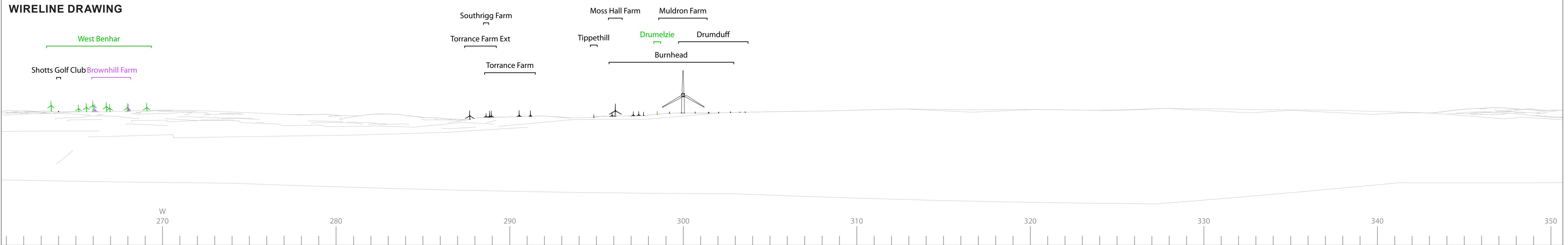
Longhill Burn Wind Farm
Viewpoint 3: Woodmuir
PHOTOMONTAGE VISUALISATION 3f





BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY



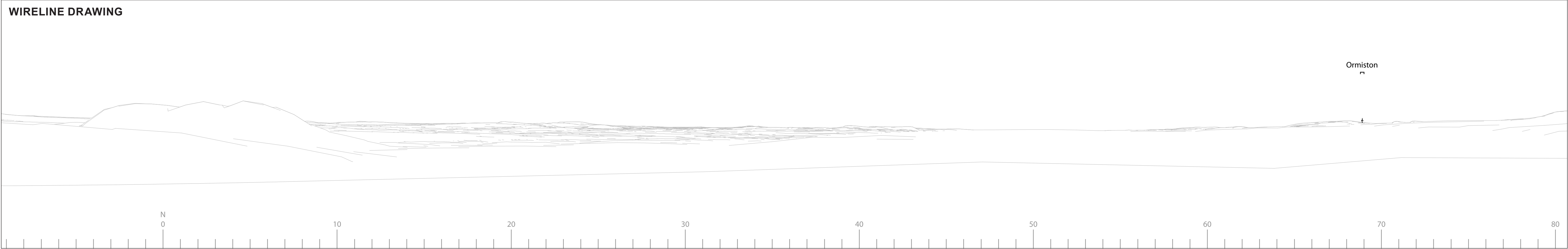
Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -	Map showing the location of the wind farm, including labels for Addiewell Recycling Centre, West Calder, and Blackbrae Bridge.	Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 300818E 662547N Ground Height: 183.2m AOD Direction of Centre of View: 305.7° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 09:29	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T8 @ 3821m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication		Longhill Burn Wind Farm Viewpoint 4: West Calder (A71) BASELINE VISUALISATION 4b
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BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



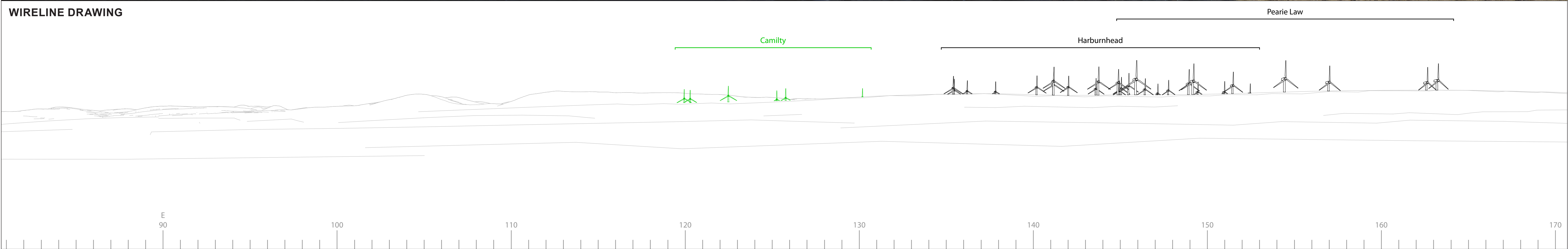
Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm	By SPB QA DT Rev -	LHB-1-004G-LVIA.indd	Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 300818E 662547N Ground Height: 183.2m AOD Direction of Centre of View: 3 Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 09:29	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T8 @ 3821m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication		 Planning, Landscape & Environment	Longhill Burn Wind Farm Viewpoint 4: West Calder (A71) BASELINE VISUALISATION 4c
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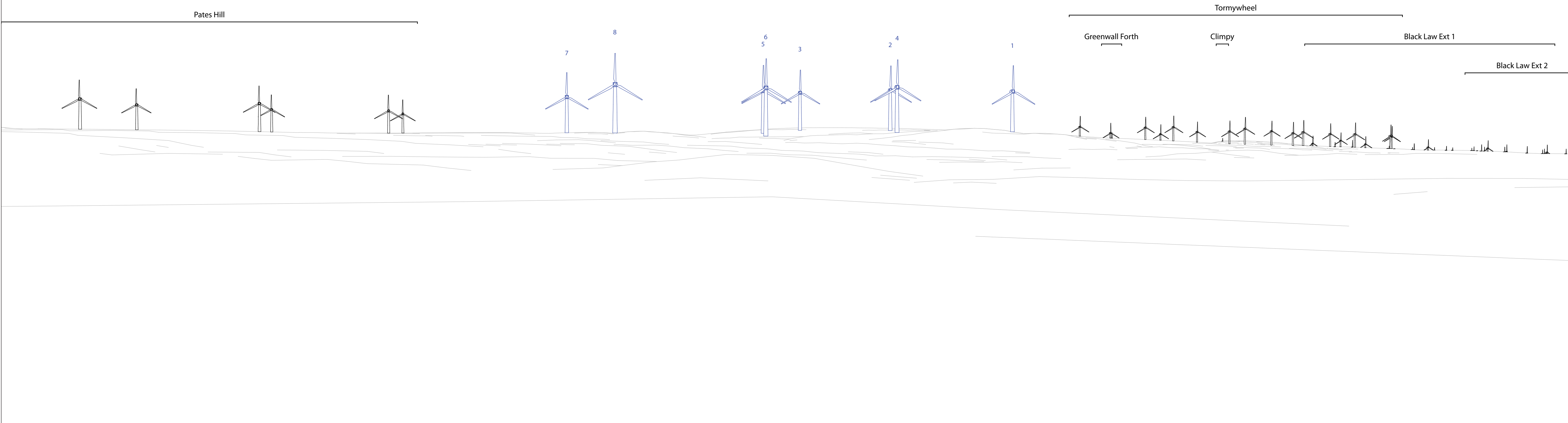
BASELINE PHOTOGRAPH

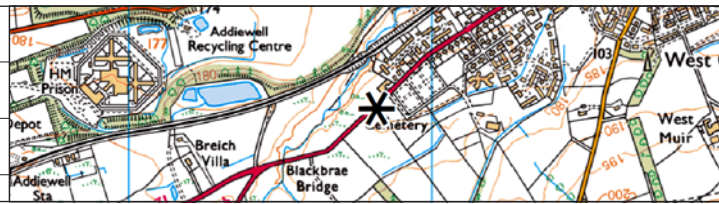
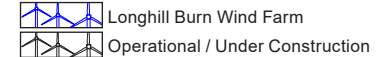
THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm	By SPB QA DT Rev -	LHB-1-004G-LVIA.indd	Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 300818E 662547N Ground Height: 183.2m AOD Direction of Centre of View: 3 Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 09:29	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T8 @ 3821m Number of Sets of Tips Visible: 2 Number of Hubs Visible: 2 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication	EnergieKontor	 STEPHENSON HALLIDAY Planning, Landscape & Environment	Longhill Burn Wind Farm Viewpoint 4: West Calder (A71) BASELINE VISUALISATION 4d
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Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020555	Viewpoint Information: Grid Reference: 300818E 662547N Ground Height: 183.2m AOD Direction of Centre of View: ³ 215.7° Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T8 @ 3821m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	Wireline Key:  Longhill Burn Wind Farm Operational / Under Construction
Image Size 820 x 260mm	QA DT					
Paper Size 840 x 297mm	Rev -					
LHB-1-004G-LVIA.indd						



Longhill Burn Wind Farm

Viewpoint 4: West Calder (A71)

WIRELINE VISUALISATION 4e



PHOTOMONTAGE

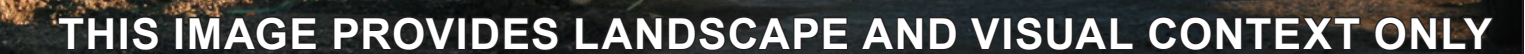
VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000	Viewpoint Information: Grid Reference: 300818E 662547N Ground Height: 183.2m AOD Direction of Centre of View: ³ 215.7° Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 09:29	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T8 @ 3821m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8
Image Size 820 x 260mm	QA DT					
Paper Size 840 x 297mm	Rev -					
LHB-1-004G-LVIA.indd						

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Longhill Burn Wind Farm
Viewpoint 4: West Calder (A71)
PHOTOMONTAGE VISUALISATION 4f



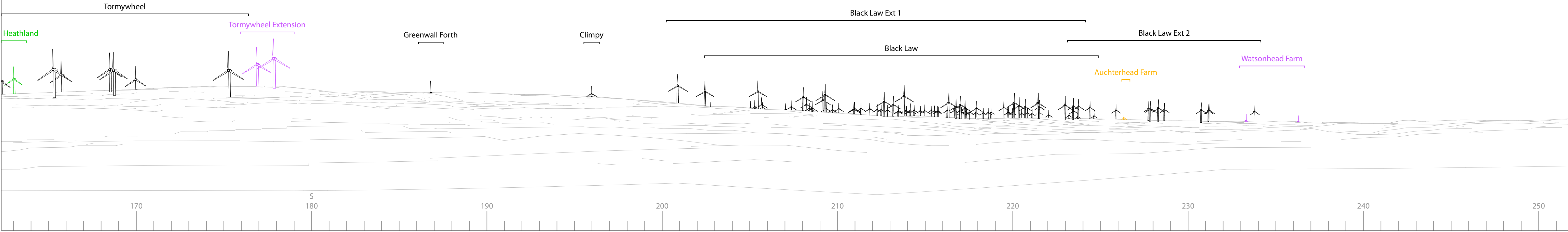
Viewpoint 5: Fauldhouse
BASELINE VISUALISATION 5a



BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020	By SPB		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 294299E 660813N Ground Height: 225.7m AOD Direction of Centre of View: 3 207.3° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 16:39	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 3688m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication
Image Size 820 x 130mm	QA DT						
Paper Size 840 x 297mm	Rev -						
LHB-1-004G-LVIA.indd							



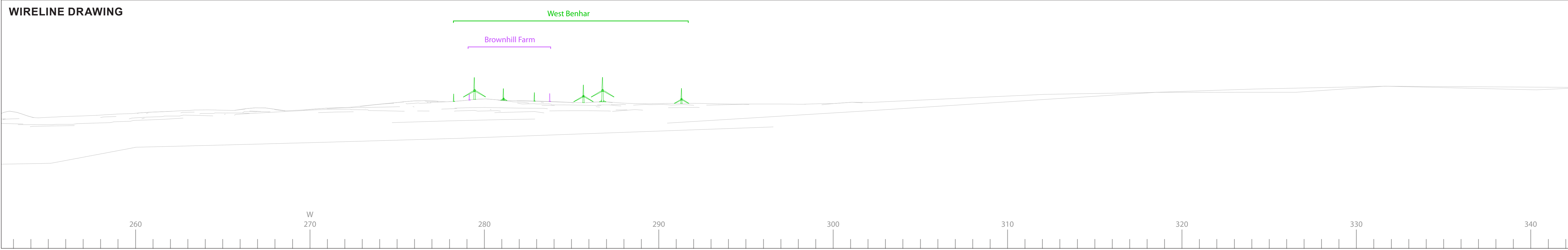
Longhill Burn Wind Farm
Viewpoint 5: Fauldhouse
BASELINE VISUALISATION 5b



BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020	By SPB		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 294299E 660813N Ground Height: 225.7m AOD Direction of Centre of View: ³ 297.3° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 16:39	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 3688m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication
Image Size 820 x 130mm	QA DT						
Paper Size 840 x 297mm	Rev -						
LHB-1-004G-LVIA.indd							



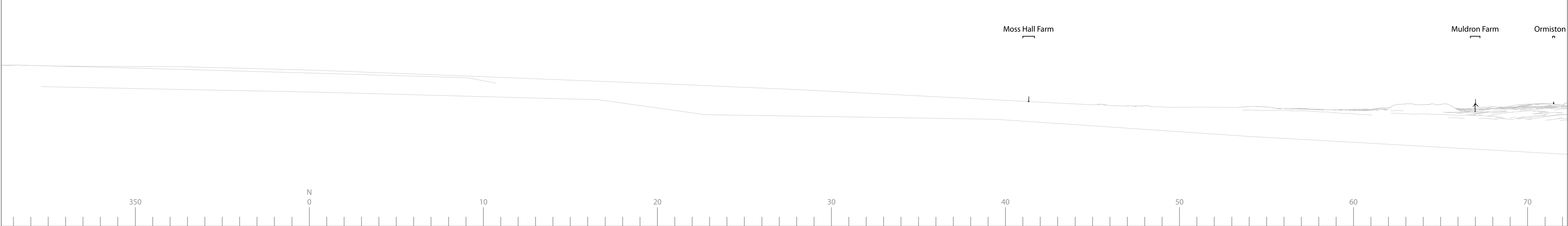
Longhill Burn Wind Farm
Viewpoint 5: Fauldhouse
BASELINE VISUALISATION 5c



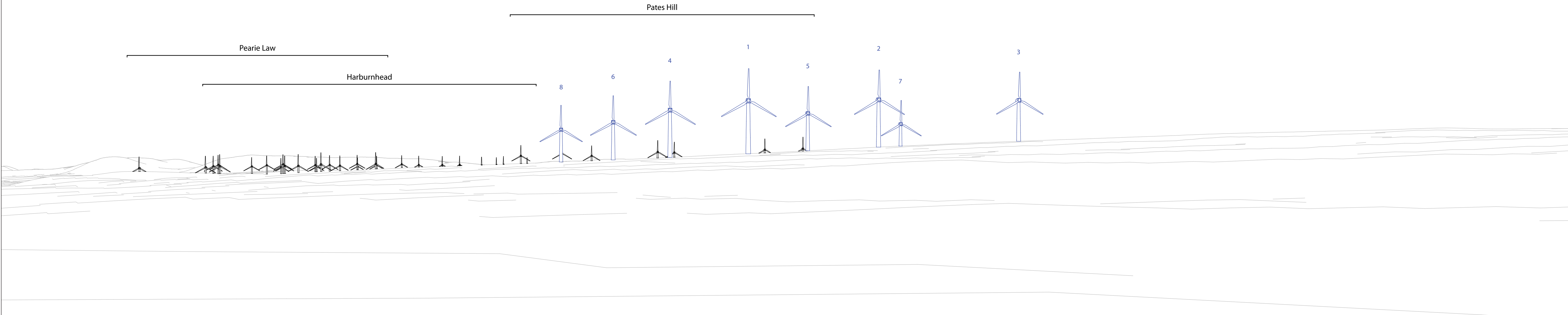
BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 294299E 660813N Ground Height: 225.7m AOD Direction of Centre of View: 3 Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 16:39	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 3688m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication		Planning, Landscape & Environment	Longhill Burn Wind Farm Viewpoint 5: Fauldhouse BASELINE VISUALISATION 5d
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Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 294299E 660813N Ground Height: 225.7m AOD Direction of Centre of View: ³ 117.3° Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 3688m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction
Image Size 820 x 260mm	QA DT					
Paper Size 840 x 297mm	Rev -					
LHB-1-004G-LVIA.indd						





PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

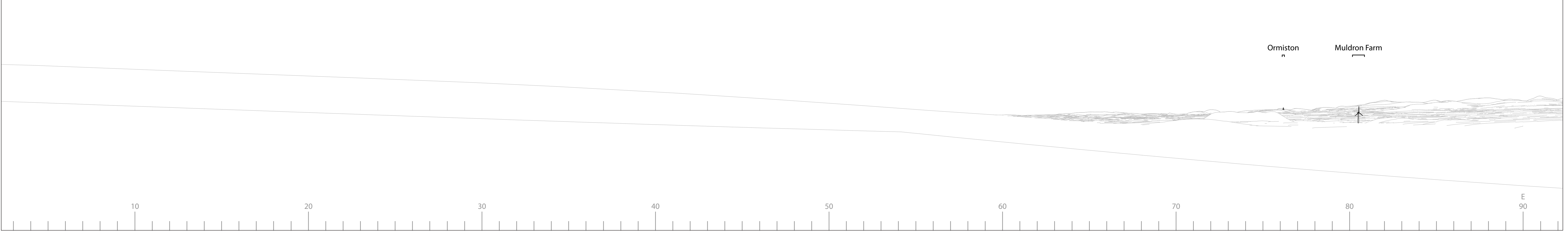
Date June 2020 Image Size 820 x 260mm Paper Size 840 x 297mm	By SPB QA DT Rev -		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 294299E 660813N Ground Height: 225.7m AOD Direction of Centre of View: ³ 117.3° Horizontal Field of View: 53.6° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 16:39	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 3688m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	EnergieKontor	STEPHENSON HALLIDAY Planning, Landscape & Environment	Longhill Burn Wind Farm Viewpoint 5: Fauldhouse PHOTOMONTAGE VISUALISATION 5f
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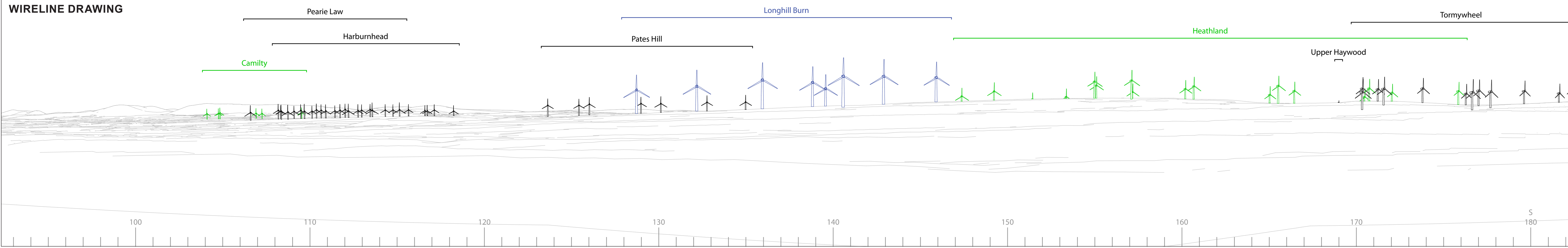
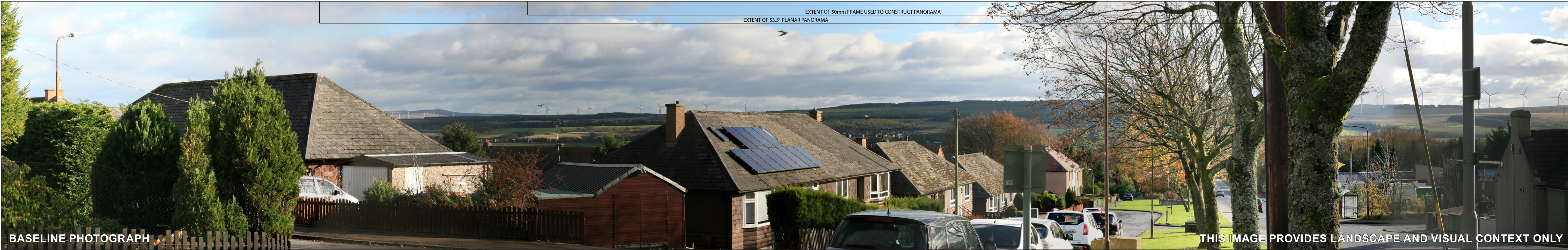
BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 295039E 662349N Ground Height: 241.6m AOD Direction of Centre of View: 3 47.3° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:49	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 4064m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key:			Longhill Burn Wind Farm Viewpoint 6: A706 Longridge BASELINE VISUALISATION 6a
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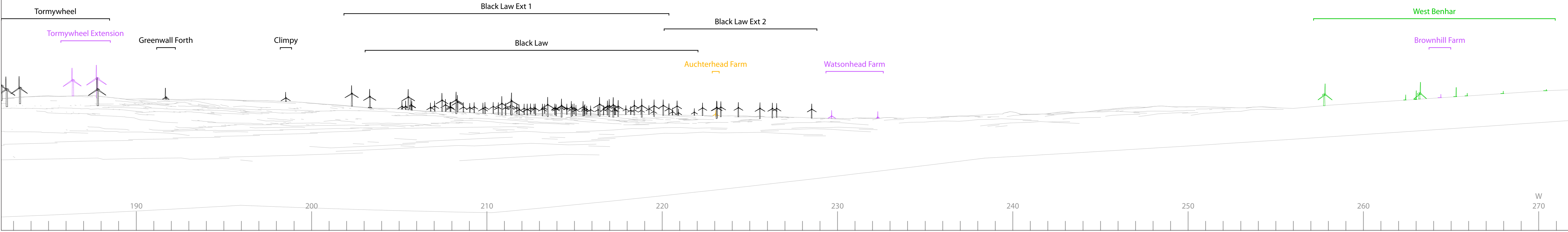
Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 295039E 662349N Ground Height: 241.6m AOD Direction of Centre of View: 137.3° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:49	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 4064m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key:			Longhill Burn Wind Farm Viewpoint 6: A706 Longridge BASELINE VISUALISATION 6b
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BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

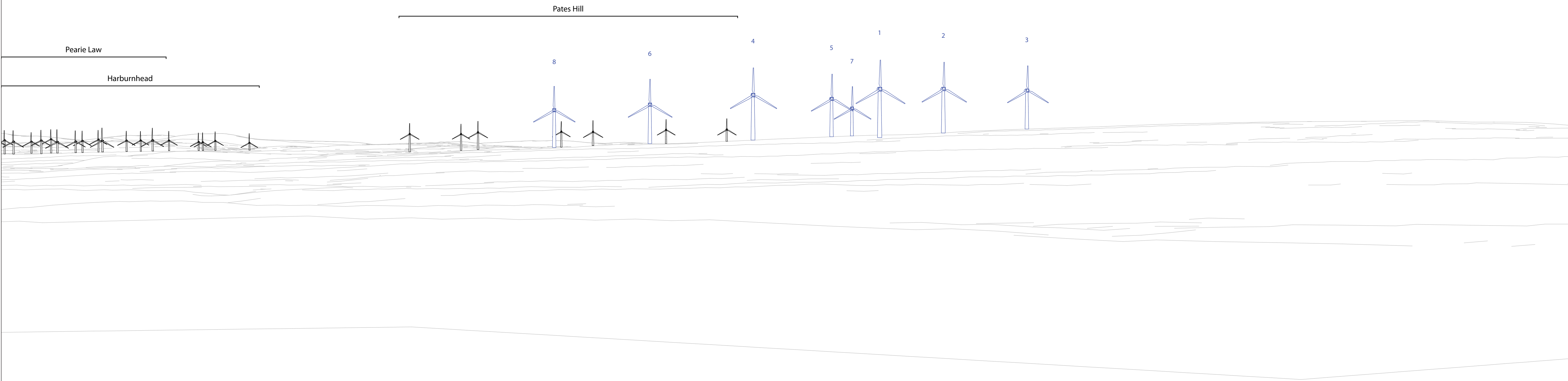
WIRELINE DRAWING



Date June 2020	By SPB		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000. Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 295039E 662349N Ground Height: 241.6m AOD Direction of Centre of View: ² Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 14:49	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T1 @ 4064m Number of Sets of Tips Visible: ² Number of Hubs Visible: ²	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication
Image Size 820 x 130mm	QA DT						
Paper Size 840 x 297mm	Rev -						
LHB-1-004G-LVIA.indd							



Longhill Burn Wind Farm
Viewpoint 6: A706 Longridge
BASELINE VISUALISATION 6c



Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama; View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555
Image Size 820 x 260mm	QA DT		
Paper Size 840 x 297mm	Rev -		
LHB-1-004G-LVIA.indd			
Viewpoint Information:			
Grid Reference:		295039E 662349N	
Ground Height:		241.6m AOD	
Direction of Centre of View: ³		137.3°	
Horizontal Field of View:		53.6°	
Vertical Field of View:		18.2°	
Principal Distance:		812.5mm	
Longhill Burn Wind Farm Layout Information:			
Layout:		longhill-burn.wfl	
Hub Height:		125m	
Height to Blade Tip:		200m	
Nearest Visible Turbine:		T1 @ 4064m	
Number of Sets of Tips Visible: ²		8	
Number of Hubs Visible: ²		8	
Wireline Key:			
		Longhill Burn Wind Farm	
		Operational / Under Construction	



Longhill Burn Wind Farm

Viewpoint 6: A706 Longridge

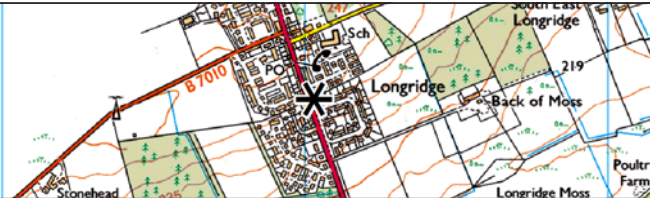
WIRELINE VISUALISATION 6d



PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

Date June 2020	By SPB
Image Size 820 x 260mm	QA DT
Paper Size 840 x 297mm	Rev -
LHB-1-004G-LVIA.indd	



Notes:
1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length.
2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects.
3) All directions given as bearings relative to Grid North (BNG).
4) Location map scale: 1:25,000

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Viewpoint Information:
Grid Reference: 295039E 662349N
Ground Height: 241.6m AOD
Direction of Centre of View: ³ 137.3°
Horizontal Field of View: 53.5°
Vertical Field of View: 18.2°
Principal Distance: 812.5mm

Photography Information:
Camera: Canon EOS 5D MkII
Lens: 50mm Fixed Focal Length
Camera Height: 1.5m
Photography Date: 26/10/2018
Photography Time: 14:49

Longhill Burn Wind Farm Layout Information:
Layout: longhill-burn.wfl
Hub Height: 125m
Height to Blade Tip: 200m
Nearest Visible Turbine: T1 @ 4064m
Number of Sets of Tips Visible: ² 8
Number of Hubs Visible: ² 8



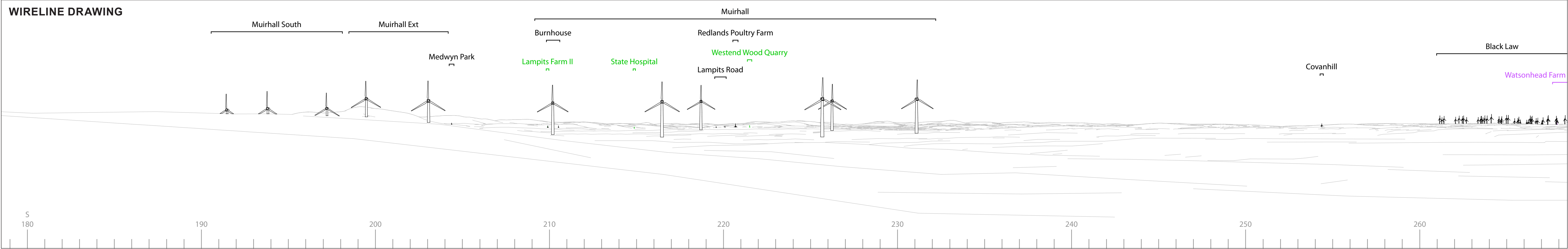
Longhill Burn Wind Farm
Viewpoint 6: A706 Longridge
PHOTOMONTAGE VISUALISATION 6e



BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



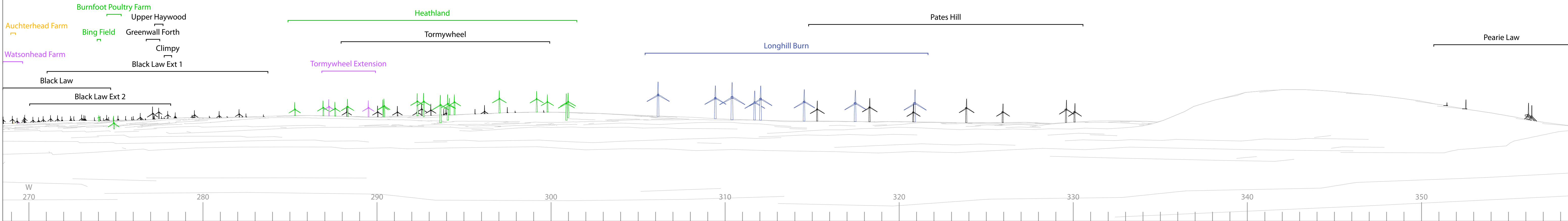
Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 302446E 654912N Ground Height: 287.1m AOD Direction of Centre of View: 3 223.5° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 11:13	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T7 @ 5105m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication			Longhill Burn Wind Farm Viewpoint 7: Tarbrax BASELINE VISUALISATION 7a
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BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020	By SPB		Notes: 1) This visualisation is a cylindrical projection panorama: It provides landscape and visual context only. 2) This data has been output directly from the wireline model: It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000. Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020565	Viewpoint Information: Grid Reference: 302446E 654912N Ground Height: 2871m AOD Lens: 313.5° Camera Height: 90° Horizontal Field of View: 14.2° Vertical Field of View: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.50m Photography Date: 29/10/2018 Photography Time: 11:13	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 150m Nearest Visible Turbine: T7 @ 5105m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key:
Image Size 820 x 130mm	QA DT						
Paper Size 840 x 297mm	Rev -						
LHB-1-004G-LVIA.indd							



Longhill Burn Wind Farm

Viewpoint 7: Tarbrax

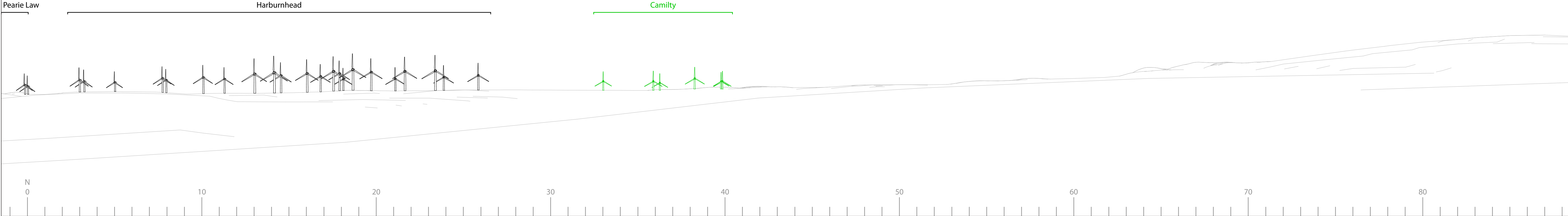
BASELINE VISUALISATION 7b



BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

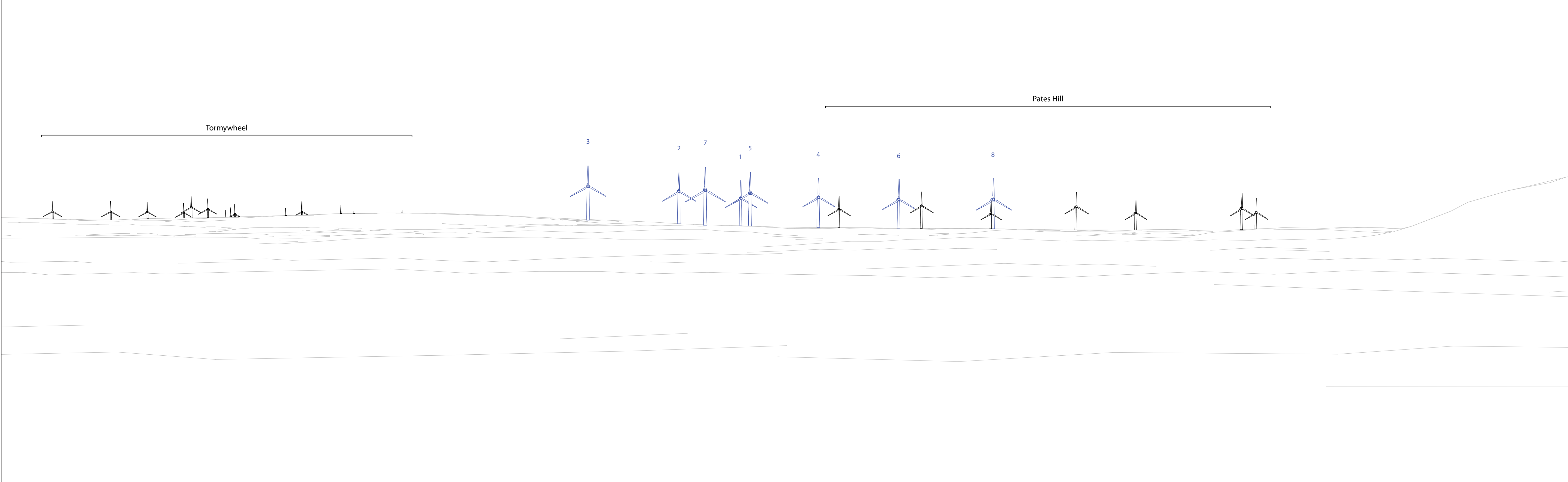
WIRELINE DRAWING



Date June 2020	By SPB		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 302446E 654912N Ground Height: 287.1m AOD Direction of Centre of View: ³ 43.5° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 11:13	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T7 @ 5105m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication
Image Size 820 x 130mm	QA DT						
Paper Size 840 x 297mm	Rev -						
LHB-1-004G-LVIA.indd							



Longhill Burn Wind Farm
Viewpoint 7: Tarbrax
BASELINE VISUALISATION 7c





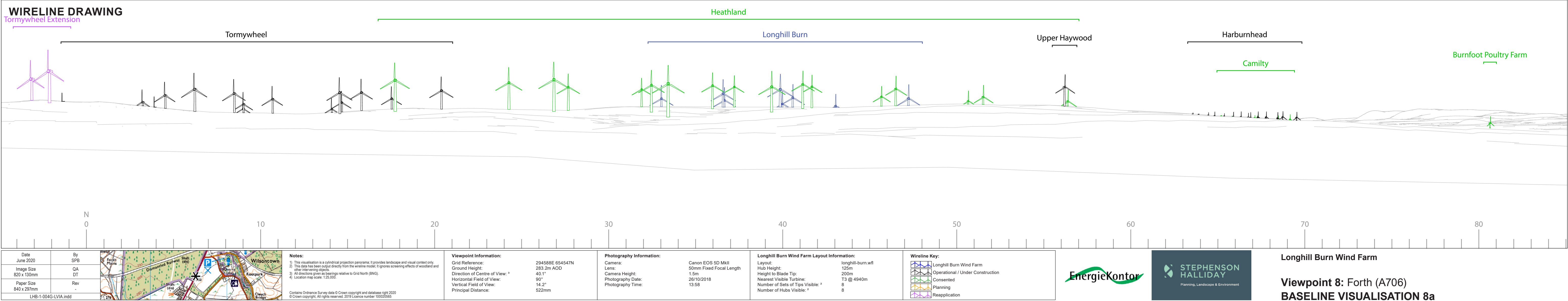
PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

Date June 2020	By SPB		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number 100020565	Viewpoint Information: Grid Reference: 302446E 654912N Ground Height: 287.1m AOD Direction of Centre of View: ³ 313.5° Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm		Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 29/10/2018 Photography Time: 11:13		Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: 17 @ 5105m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	
Image Size 820 x 260mm	QA DT								
Paper Size 840 x 297mm	Rev -								
LHB-1-004G-LVIA.indd									



Longhill Burn Wind Farm
Viewpoint 7: Tarbrax
PHOTOMONTAGE VISUALISATION 7e

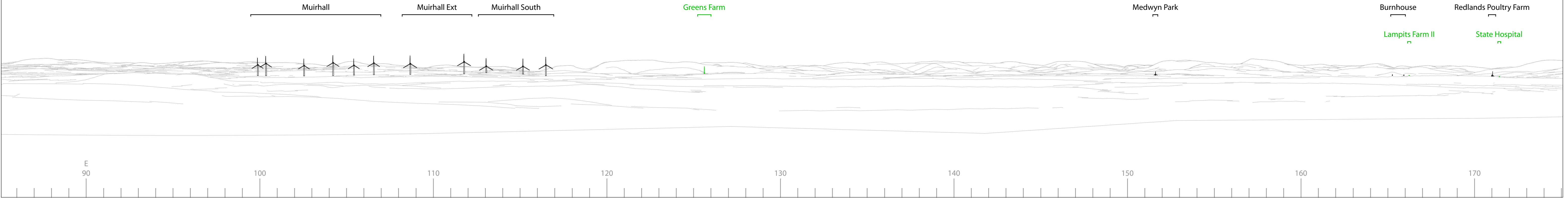




BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



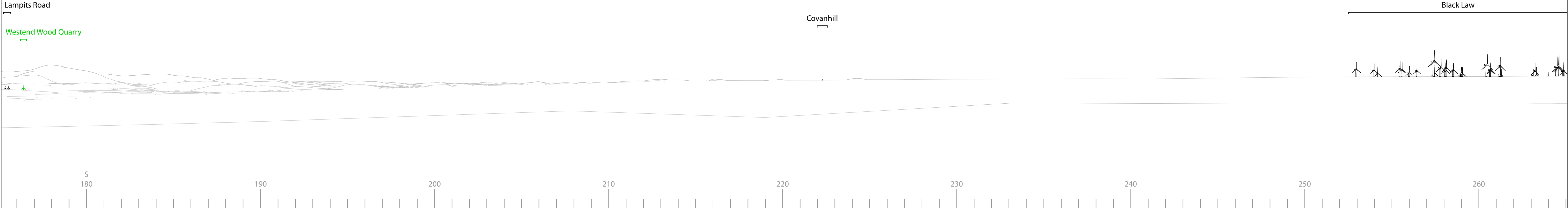
Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 294588E 654547N Ground Height: 283.2m AOD Direction of Centre of View: 3 Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 13:58	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T3 @ 4940m Number of Sets of Tips Visible: 3 Number of Hubs Visible: 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication			Longhill Burn Wind Farm Viewpoint 8: Forth (A706) BASELINE VISUALISATION 8b
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BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING

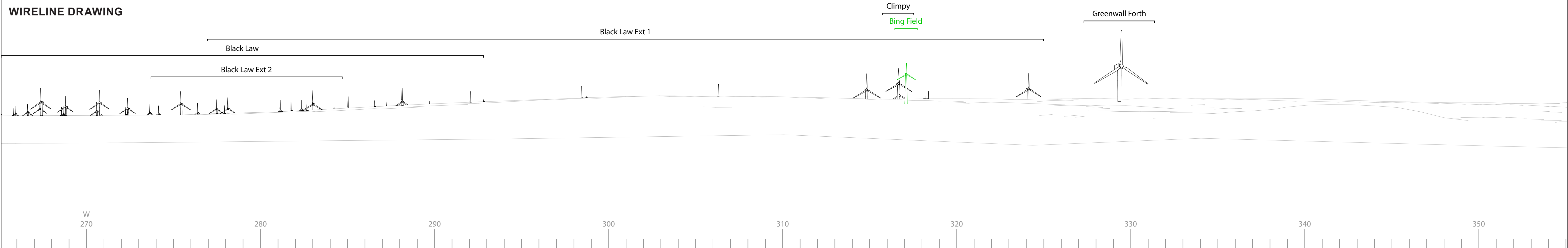


Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 294588E 654547N Ground Height: 283.2m AOD Direction of Centre of View: ³ 220.1° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 13:58	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T3 @ 4940m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication			Longhill Burn Wind Farm Viewpoint 8: Forth (A706) BASELINE VISUALISATION 8c
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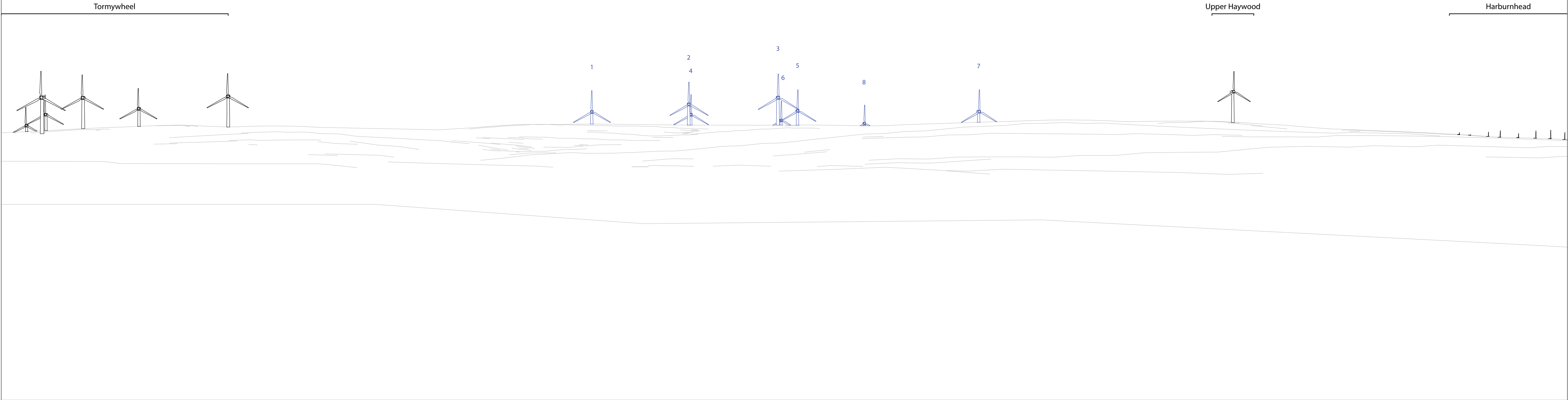


BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY



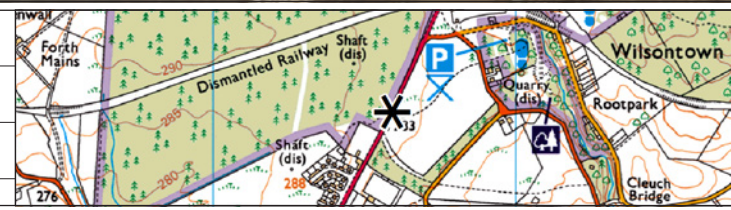
Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 294588E 654547N Ground Height: 283.2m AOD Direction of Centre of View: ³ 310.1° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 13:58	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T3 @ 4940m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication			Longhill Burn Wind Farm Viewpoint 8: Forth (A706) BASELINE VISUALISATION 8d
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PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

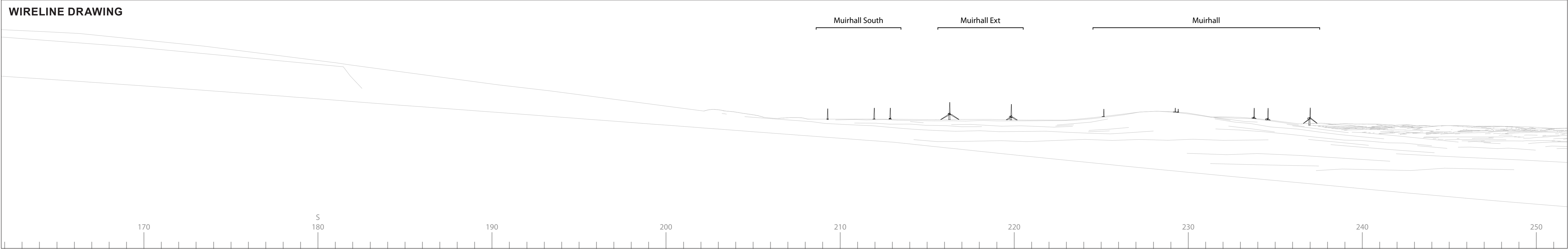
Date June 2020 Image Size 820 x 260mm Paper Size 840 x 297mm	By SPB QA DT Rev -		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 10002555	Viewpoint Information: Grid Reference: 294588E 654547N Ground Height: 283.2m AOD Direction of Centre of View: 3 Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 26/10/2018 Photography Time: 13:58	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T3 @ 4940m Number of Sets of Tips Visible: 2 Number of Hubs Visible: 8			Longhill Burn Wind Farm Viewpoint 8: Forth (A706) PHOTOMONTAGE VISUALISATION 8f
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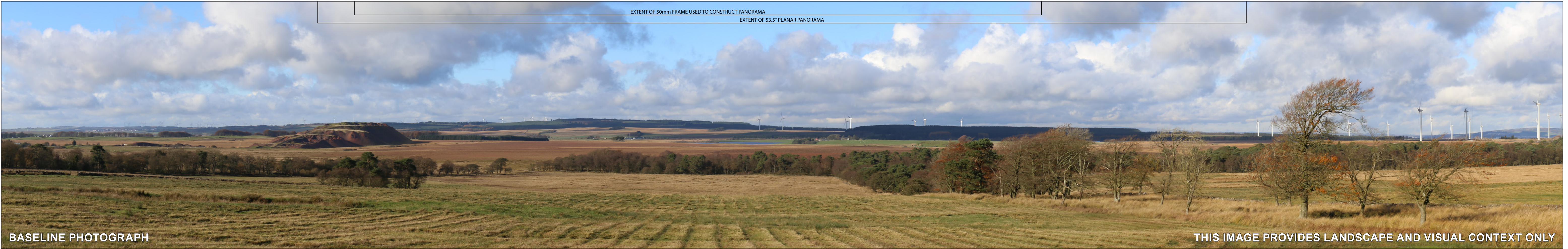
BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



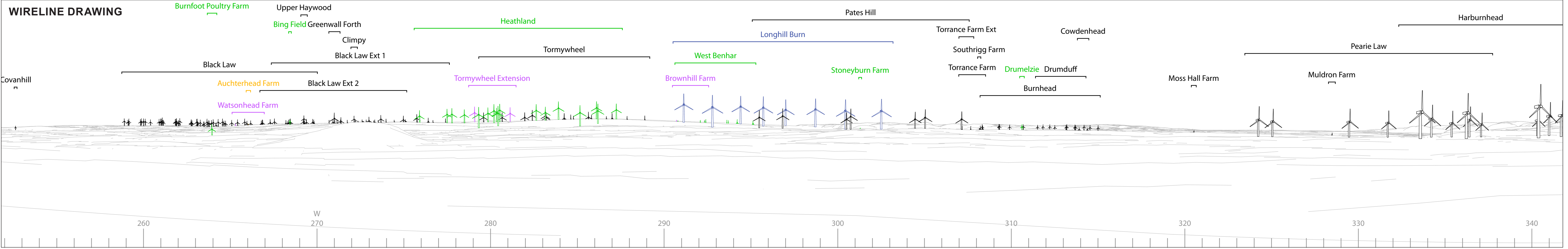
Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020565	Viewpoint Information: Grid Reference: 304278E 655818N Ground Height: 318.7m AOD Direction of Centre of View: 3 206.8° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 01/11/2018 Photography Time: 12:42	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T7 @ 6204m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: Longhill Burn Wind Farm Operational / Under Construction Consented Planning Reapplication			Longhill Burn Wind Farm Viewpoint 9: A70 Maiden Hill BASELINE VISUALISATION 9a
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BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020	By SPB		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 304278E 655818N Ground Height: 318.7m AOD Direction of Centre of View: 3 296.8° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 01/11/2018 Photography Time: 12:42	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T7 @ 6204m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key:
Image Size 820 x 130mm	QA DT						
Paper Size 840 x 297mm	Rev -						



Longhill Burn Wind Farm

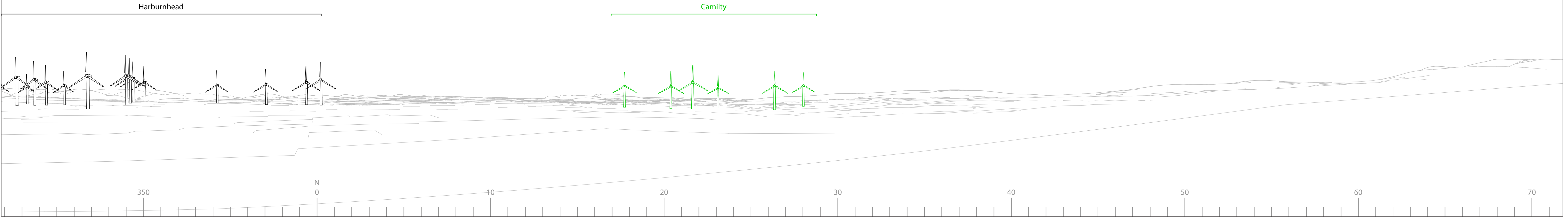
Viewpoint 9: A70 Maiden Hill
BASELINE VISUALISATION 9b



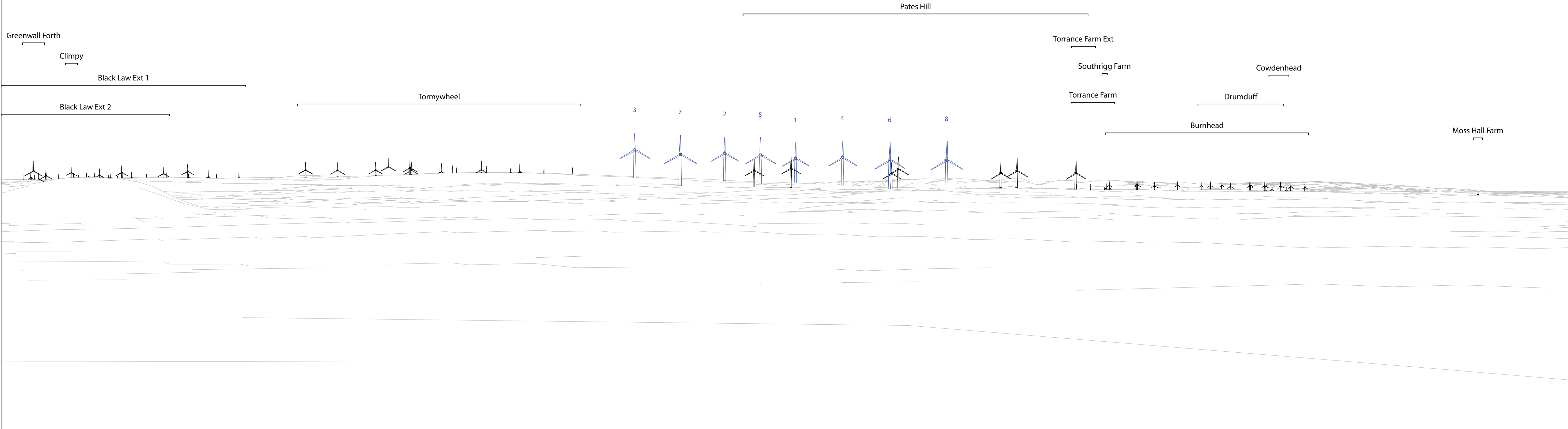
BASELINE PHOTOGRAPH

THIS IMAGE PROVIDES LANDSCAPE AND VISUAL CONTEXT ONLY

WIRELINE DRAWING



Date June 2020 Image Size 820 x 130mm Paper Size 840 x 297mm LHB-1-004G-LVIA.indd	By SPB QA DT Rev -		Notes: 1) This visualisation is a cylindrical projection panorama; it provides landscape and visual context only. 2) This data has been output directly from the wireline model; it ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100020555	Viewpoint Information: Grid Reference: 304278E 655818N Ground Height: 318.7m AOD Direction of Centre of View: 26.8° Horizontal Field of View: 90° Vertical Field of View: 14.2° Principal Distance: 522mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 01/11/2018 Photography Time: 12:42	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: T7 @ 6204m Number of Sets of Tips Visible: 8 Number of Hubs Visible: 8	Wireline Key: - Longhill Burn Wind Farm - Operational / Under Construction - Consented - Planning - Reapplication			Longhill Burn Wind Farm Viewpoint 9: A70 Maiden Hill BASELINE VISUALISATION 9c
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PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

Date June 2020 Image Size 820 x 260mm Paper Size 840 x 297mm	By SPB QA DT Rev -		Notes: 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length. 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects. 3) All directions given as bearings relative to Grid North (BNG). 4) Location map scale: 1:25,000 Contains Ordnance Survey data © Crown copyright and database right 2020 © Crown copyright. All rights reserved. 2019 Licence number: 100025555	Viewpoint Information: Grid Reference: 304278E 655818N Ground Height: 318.7m AOD Direction of Centre of View: ³ 296.8° Horizontal Field of View: 53.5° Vertical Field of View: 18.2° Principal Distance: 812.5mm	Photography Information: Camera: Canon EOS 5D MkII Lens: 50mm Fixed Focal Length Camera Height: 1.5m Photography Date: 01/11/2018 Photography Time: 12:42	Longhill Burn Wind Farm Layout Information: Layout: longhill-burn.wfl Hub Height: 125m Height to Blade Tip: 200m Nearest Visible Turbine: 17 @ 6204m Number of Sets of Tips Visible: ² 8 Number of Hubs Visible: ² 8			Longhill Burn Wind Farm Viewpoint 9: A70 Maiden Hill PHOTOMONTAGE VISUALISATION 9e
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