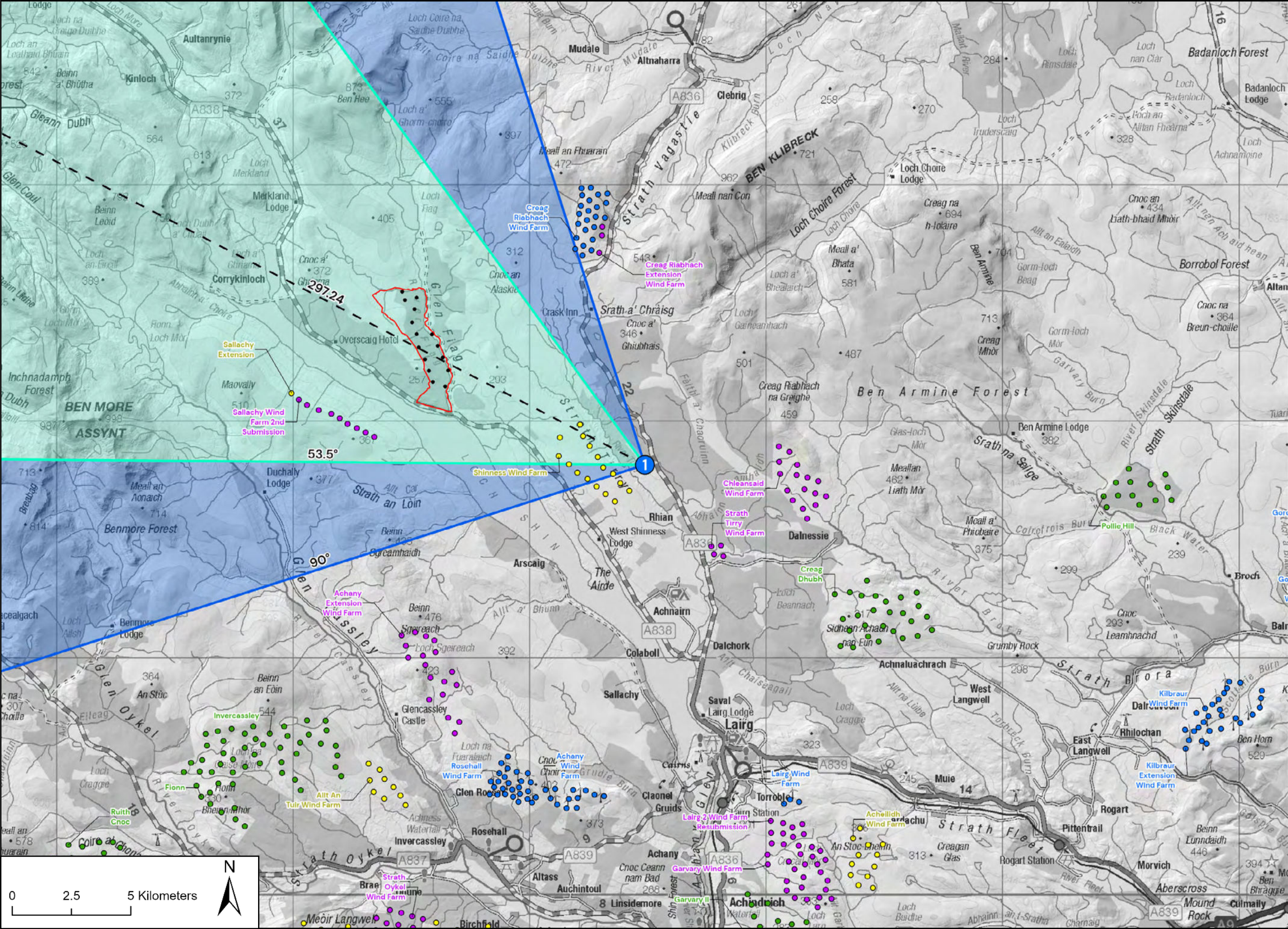
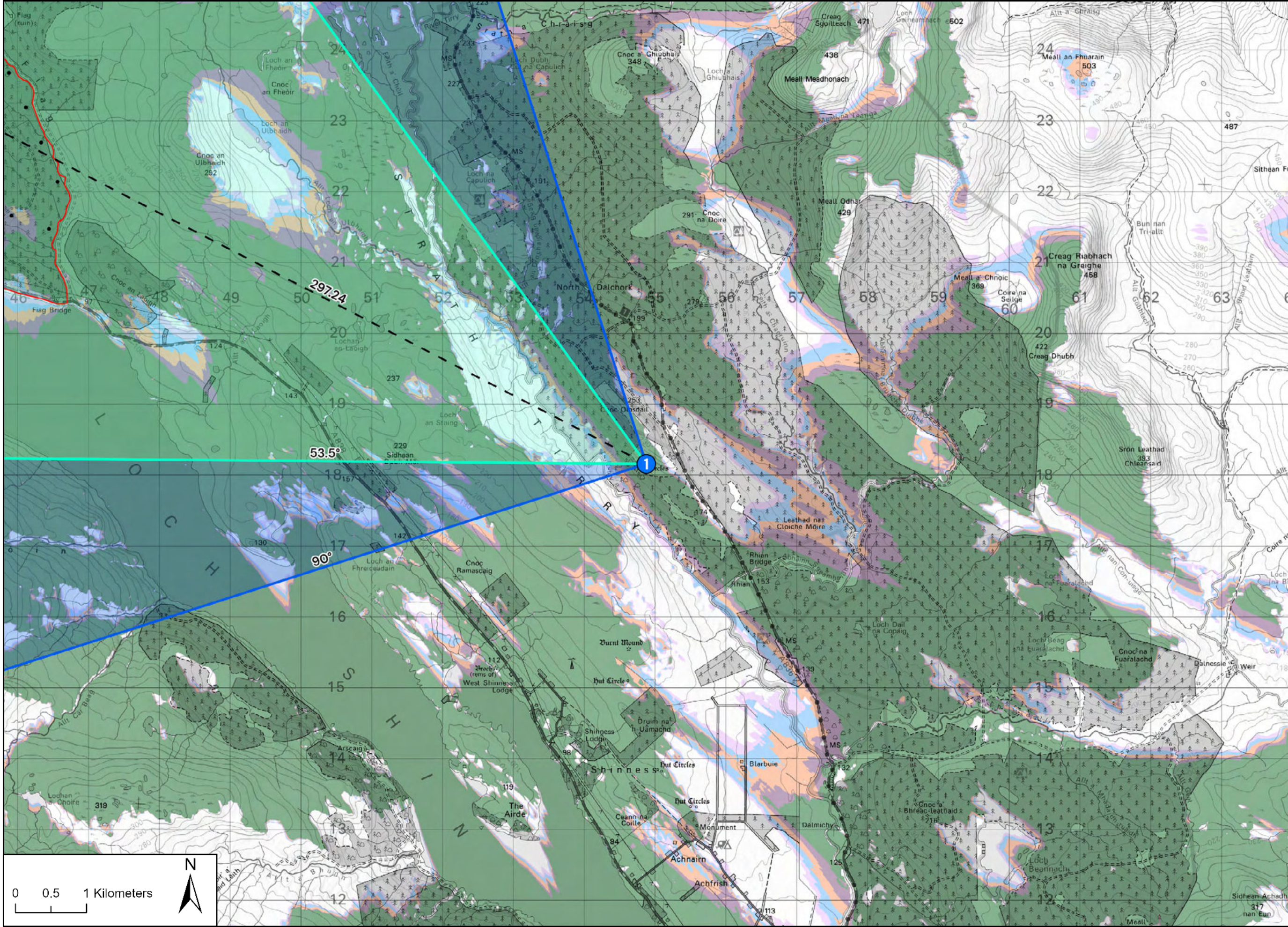


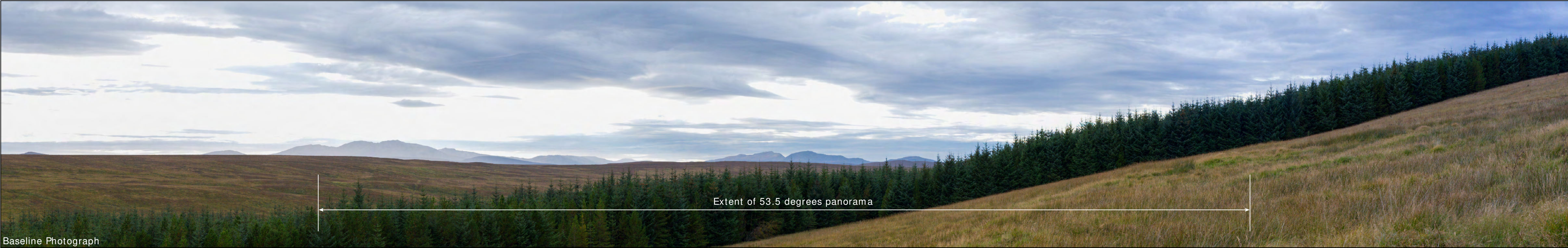


Viewpoint Location Plan - Site Context and Cumulative Wind Farms - Scale 1:150,000

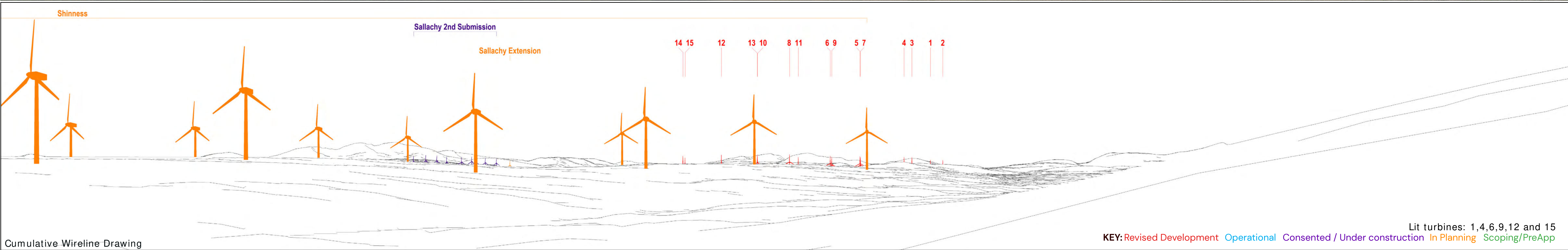


Viewpoint Location Plan - Visual Extents and Blade Tip ZTV - Scale 1:50,000

- Key**
- Application Boundary
 - Revised Turbine Layout
- Blade Tip Zone of Theoretical Visibility (250m)**
- 1 to 3 Turbines Visible
 - 4 to 6 Turbines Visible
 - 7 to 9 Turbines Visible
 - 10 to 12 Turbines Visible
 - 13 to 15 Turbines Visible
- Wind Farm Status**
- Operational / Under Construction
 - Consented
 - In Planning / Application
 - Scoping
- Viewpoint Information**
- CH Viewpoint
 - Centre of Visualisation (Bearing)
 - 53.5° Field of View
 - 90° Field of View



Baseline Photograph



Cumulative Wireline Drawing

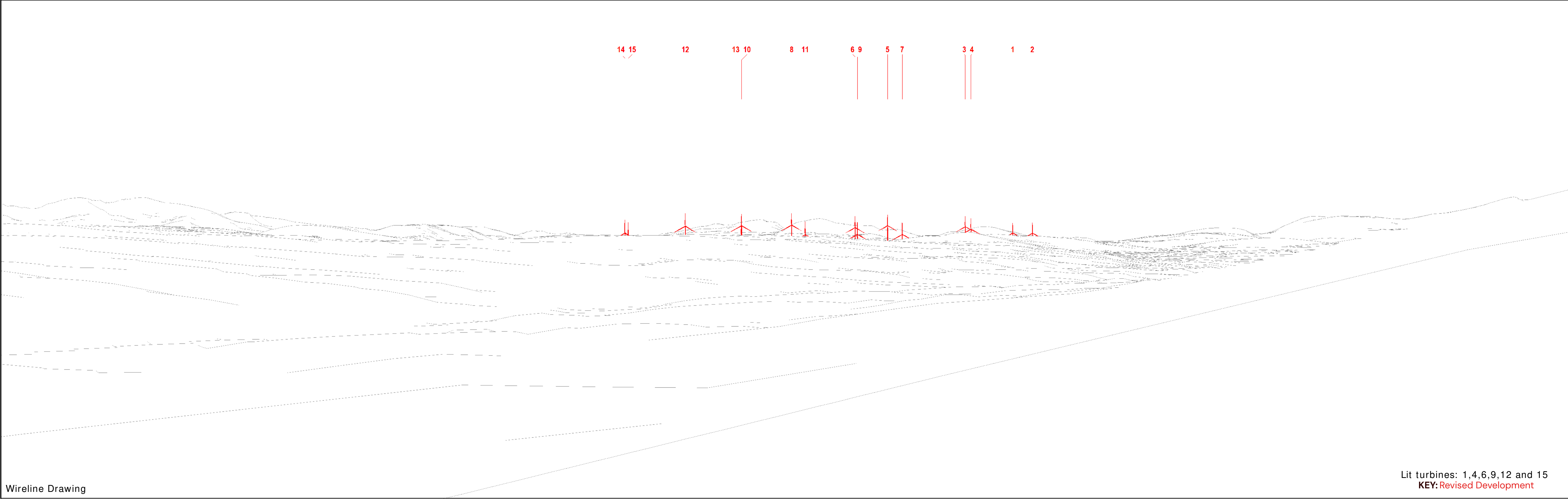
Viewpoint Information

OS Reference: E254875, N918157
Ground level: 187m (AOD)

Distance to nearest turbine: 9064m (T15)
Bearing to centre of photograph: 297.24°

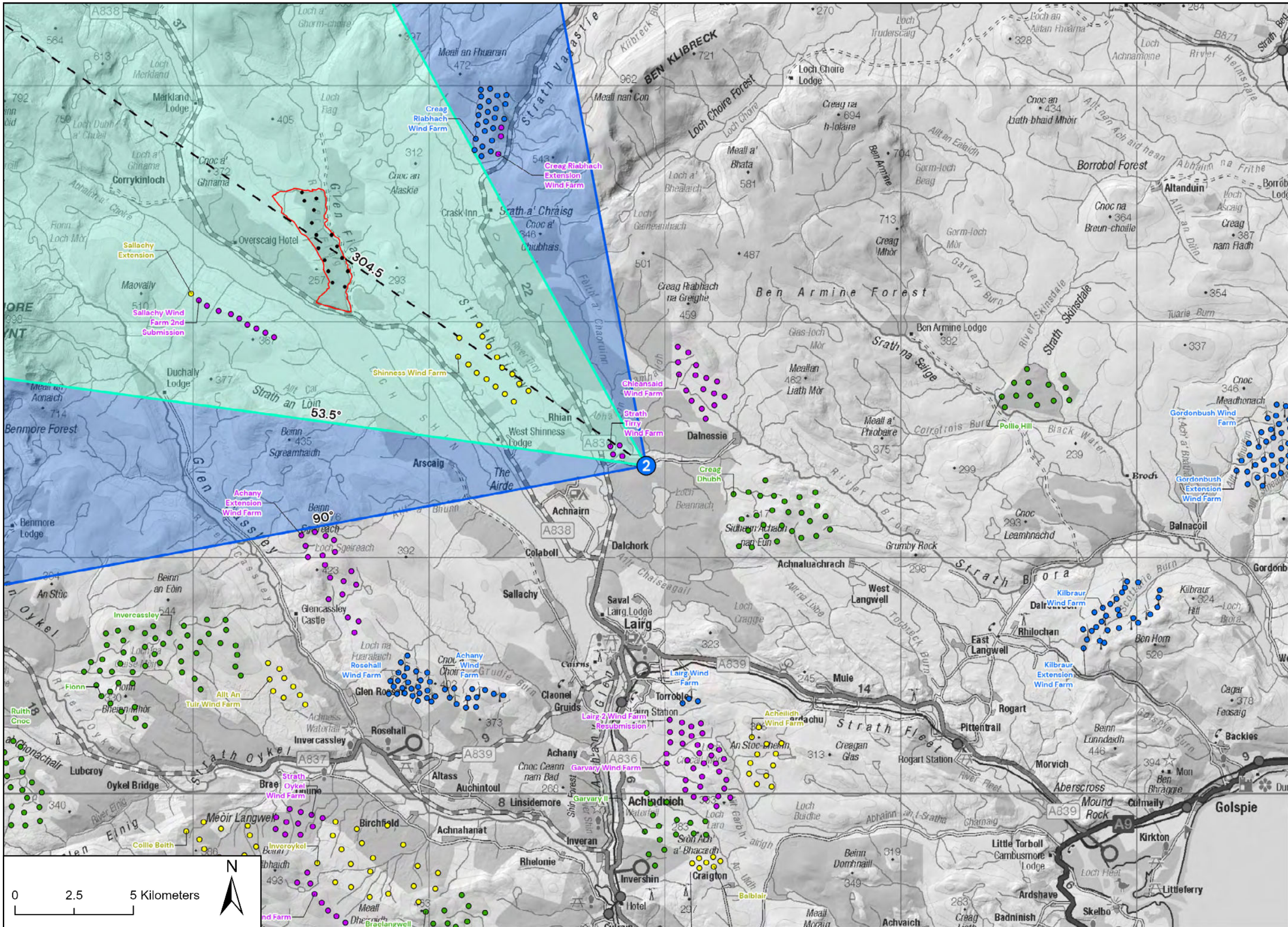
Angle of view: 90° (cylindrical)
Principal distance: 500mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260mm

Camera: Nikon Z 6 II, FFS
Lens: 50mm Fixed Focal Lens
Height: 1.5m
Date & Time: 18/09/2024 @ 16:58



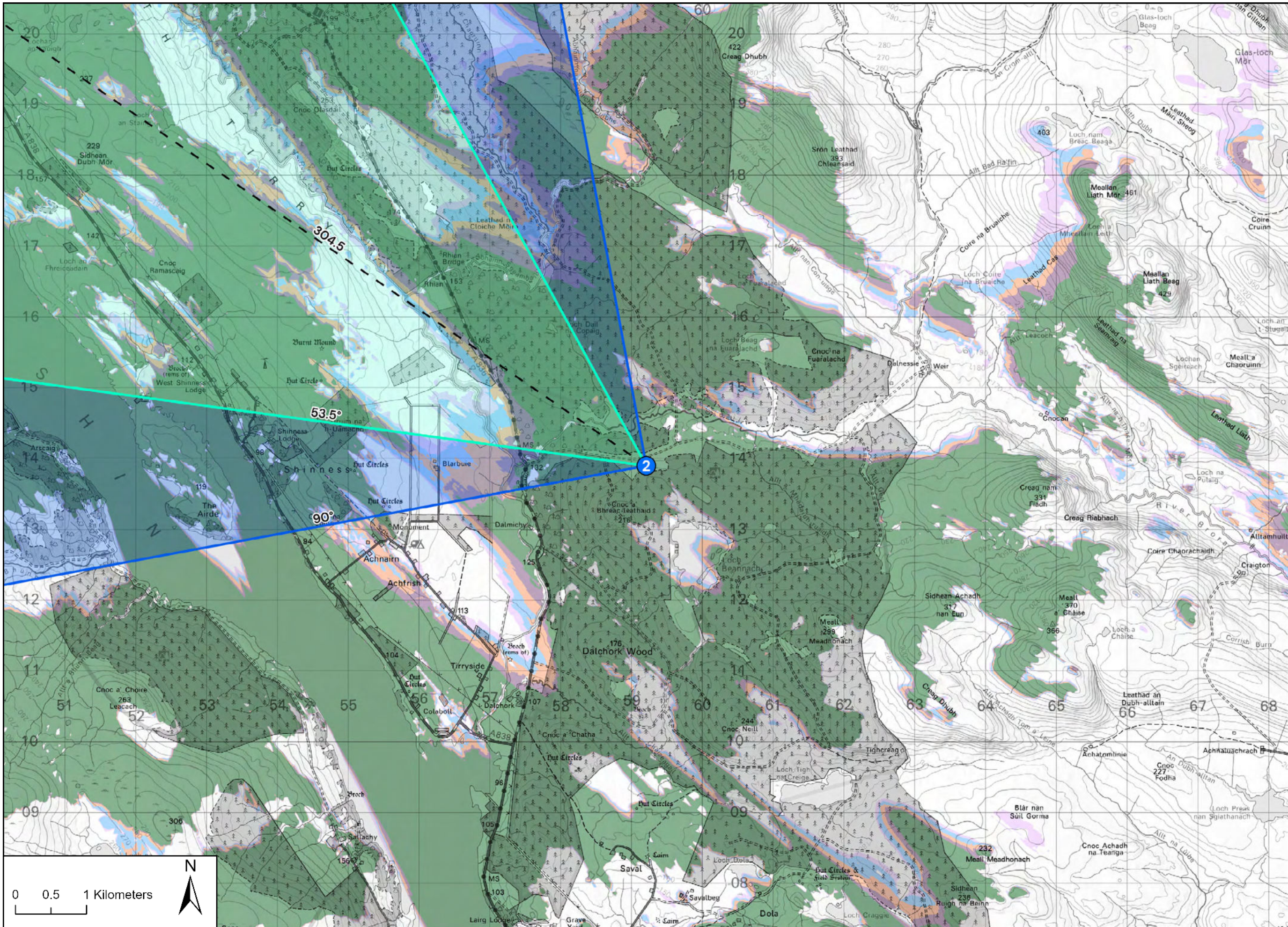


Photomontage



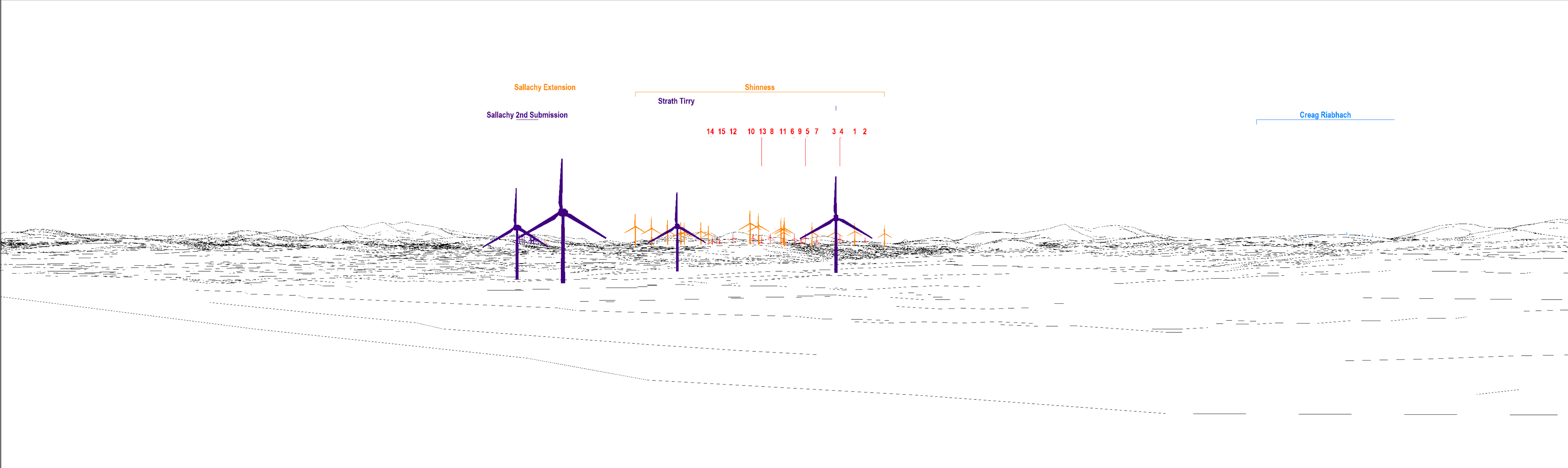
Viewpoint Location Plan - Site Context and Cumulative Wind Farms - Scale 1:150,000

COILLE LINNE WIND FARM - FEI

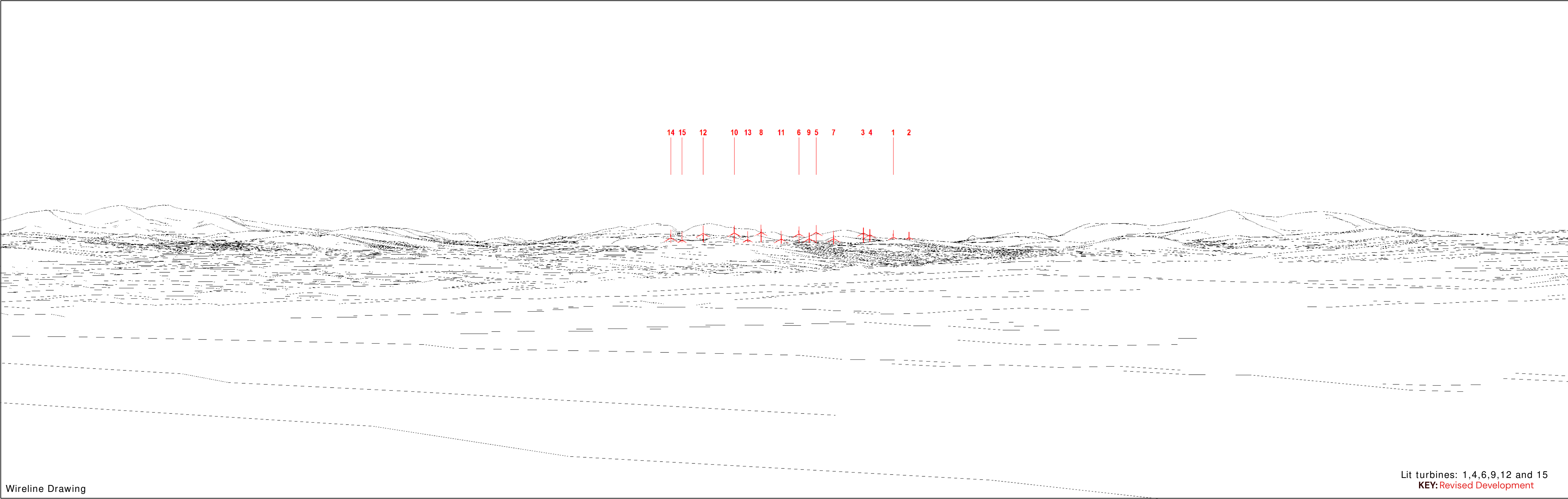


Viewpoint Location Plan - Visual Extents and Blade Tip ZTV - Scale 1:50,000

- Key**
- Application Boundary
 - Revised Turbine Layout
- Blade Tip Zone of Theoretical Visibility (250m)
- 1 to 3 Turbines Visible
 - 4 to 6 Turbines Visible
 - 7 to 9 Turbines Visible
 - 10 to 12 Turbines Visible
 - 13 to 15 Turbines Visible
- Wind Farm Status
- Operational / Under Construction
 - Consented
 - In Planning / Application
 - Scoping
- Viewpoint Information
- CH Viewpoint
 - Centre of Visualisation (Bearing)
 - 53.5° Field of View
 - 90° Field of View

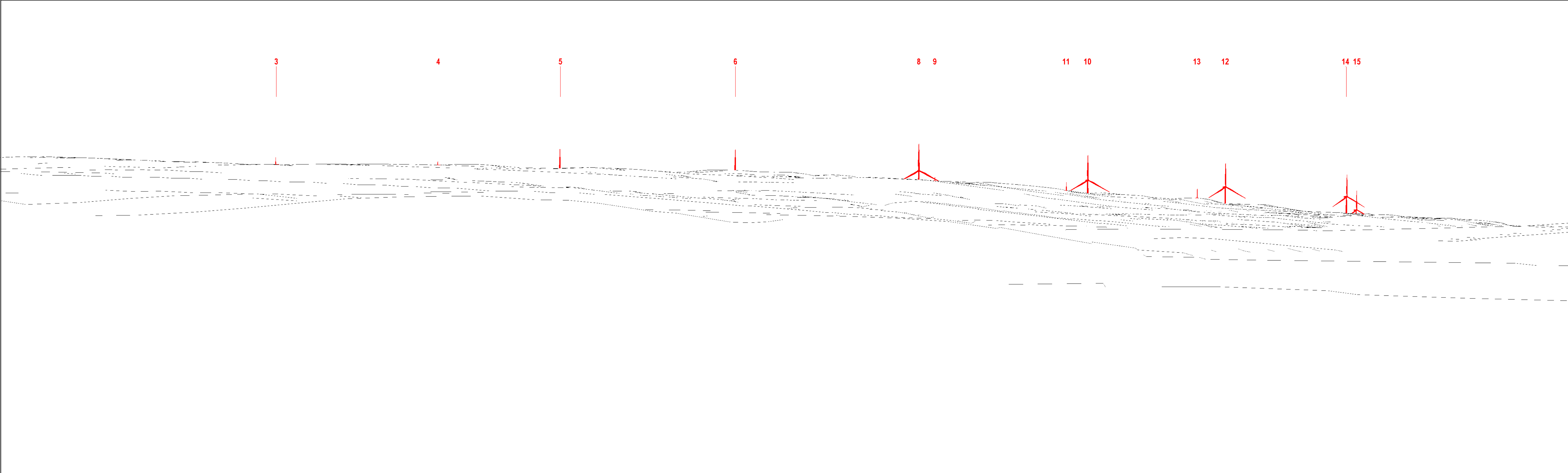


Cumulative Wireline Drawing



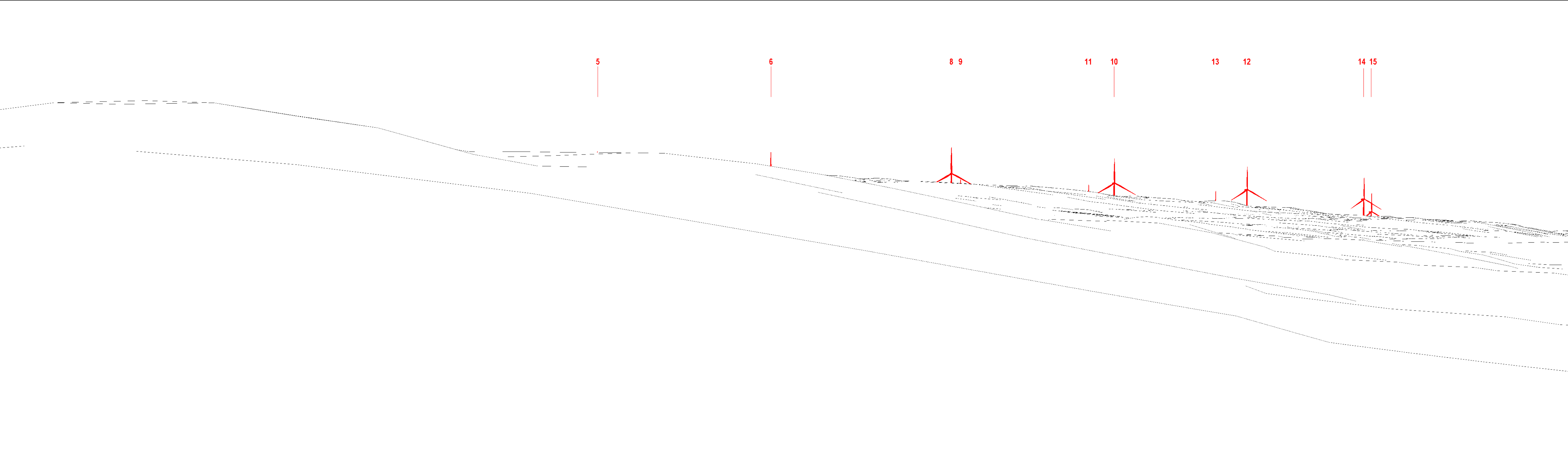
Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development



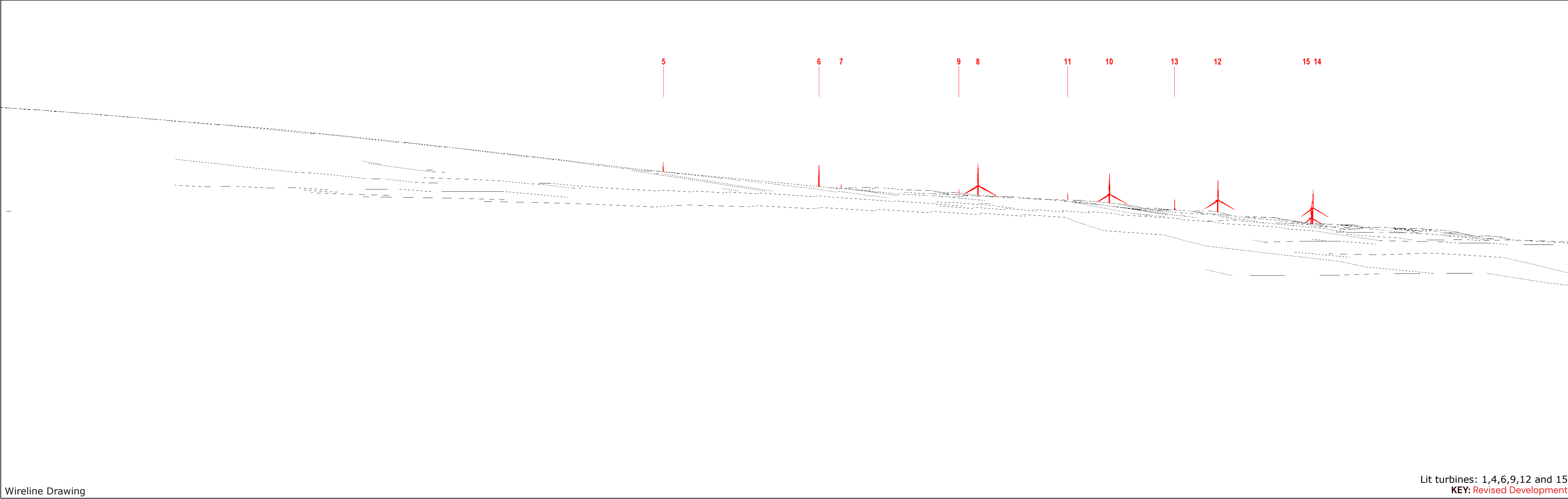
Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development



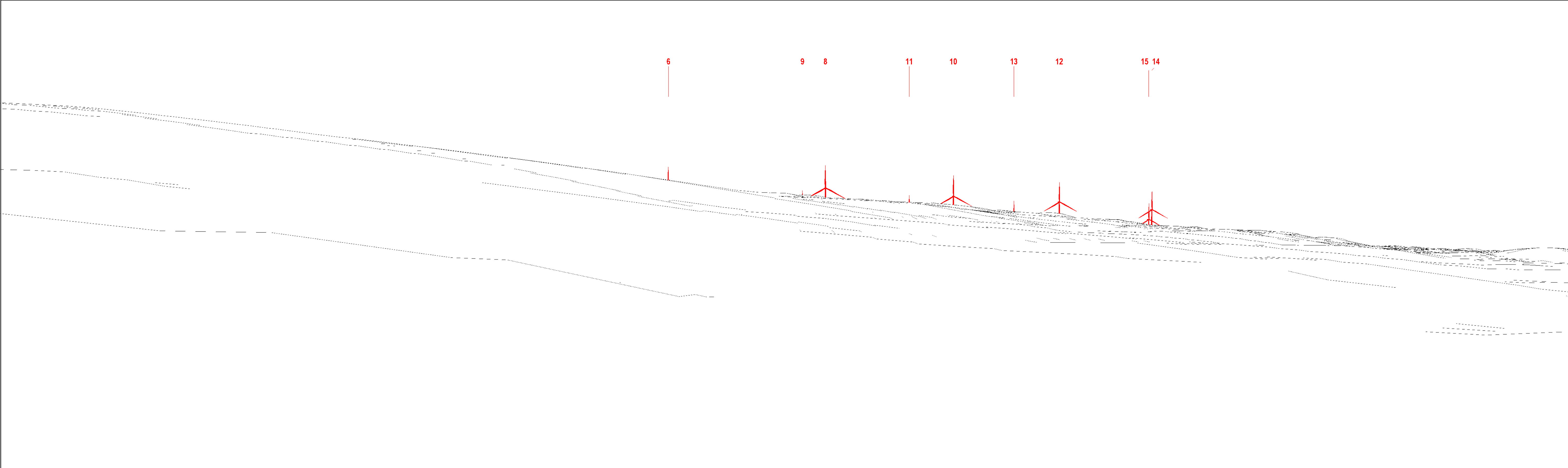
Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development



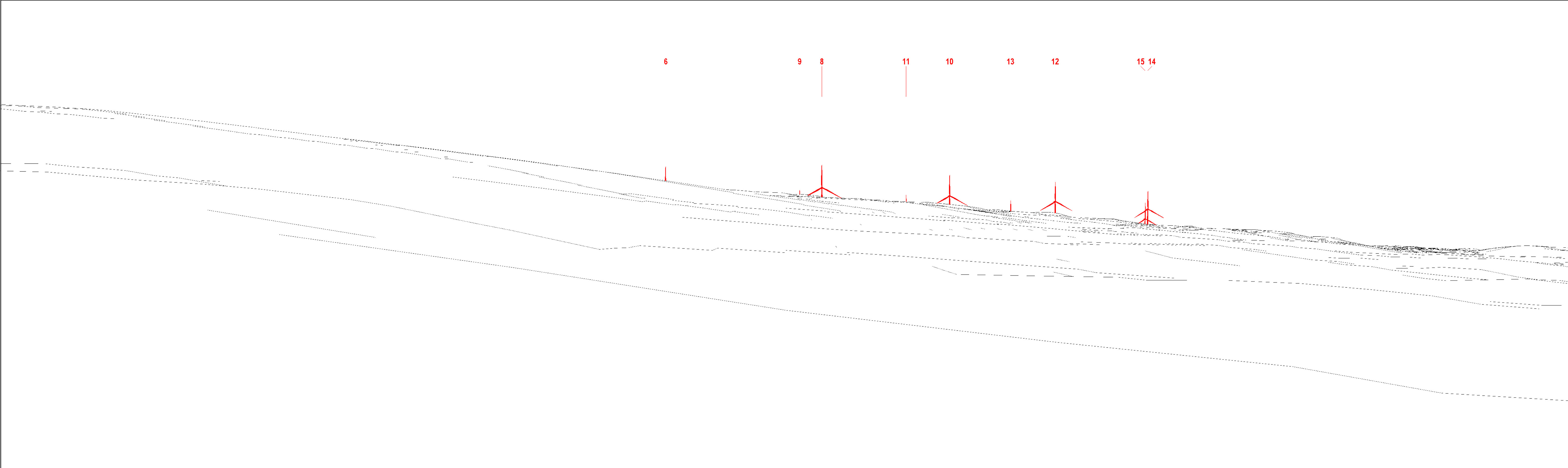
Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development



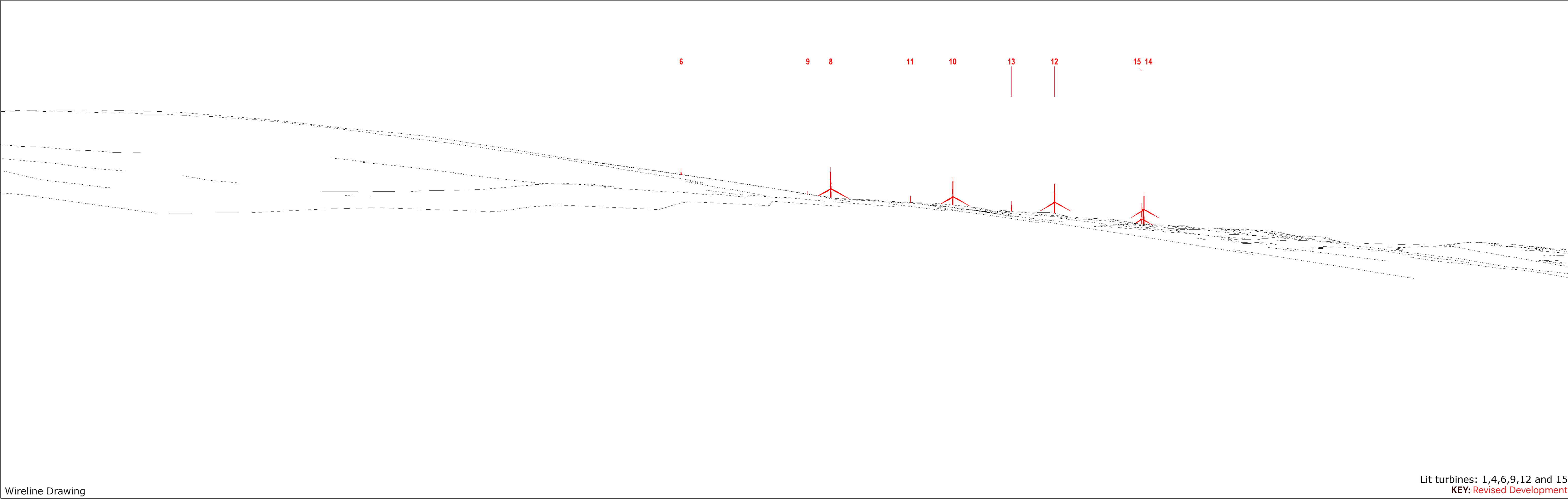
Wireline Drawing

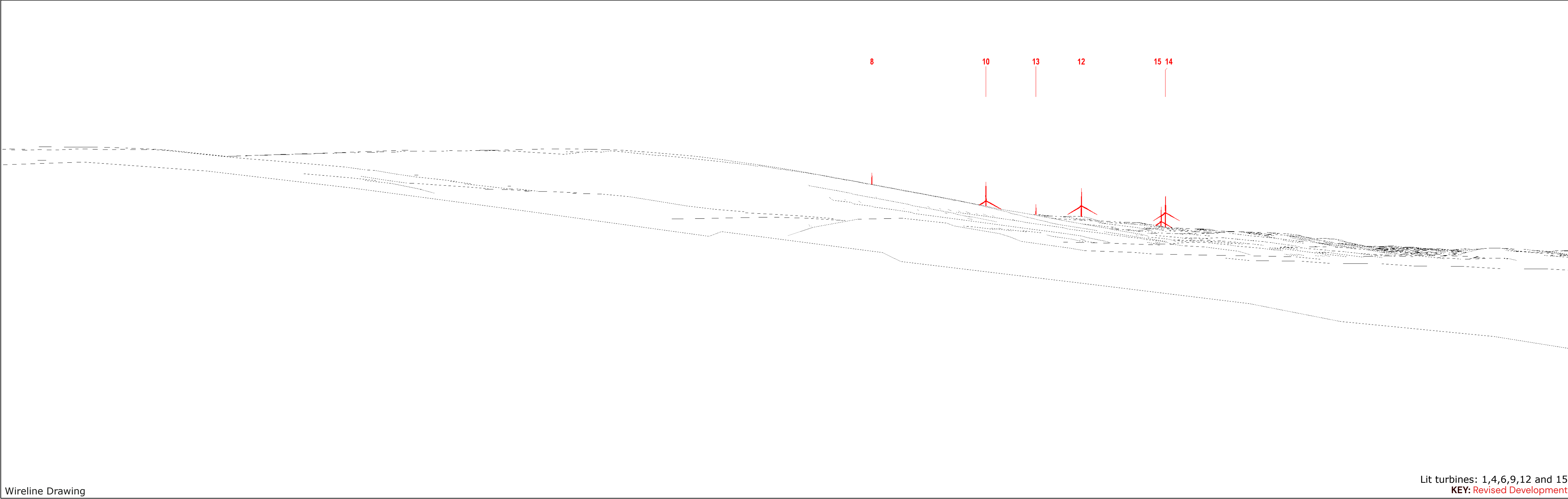
Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development



Wireline Drawing

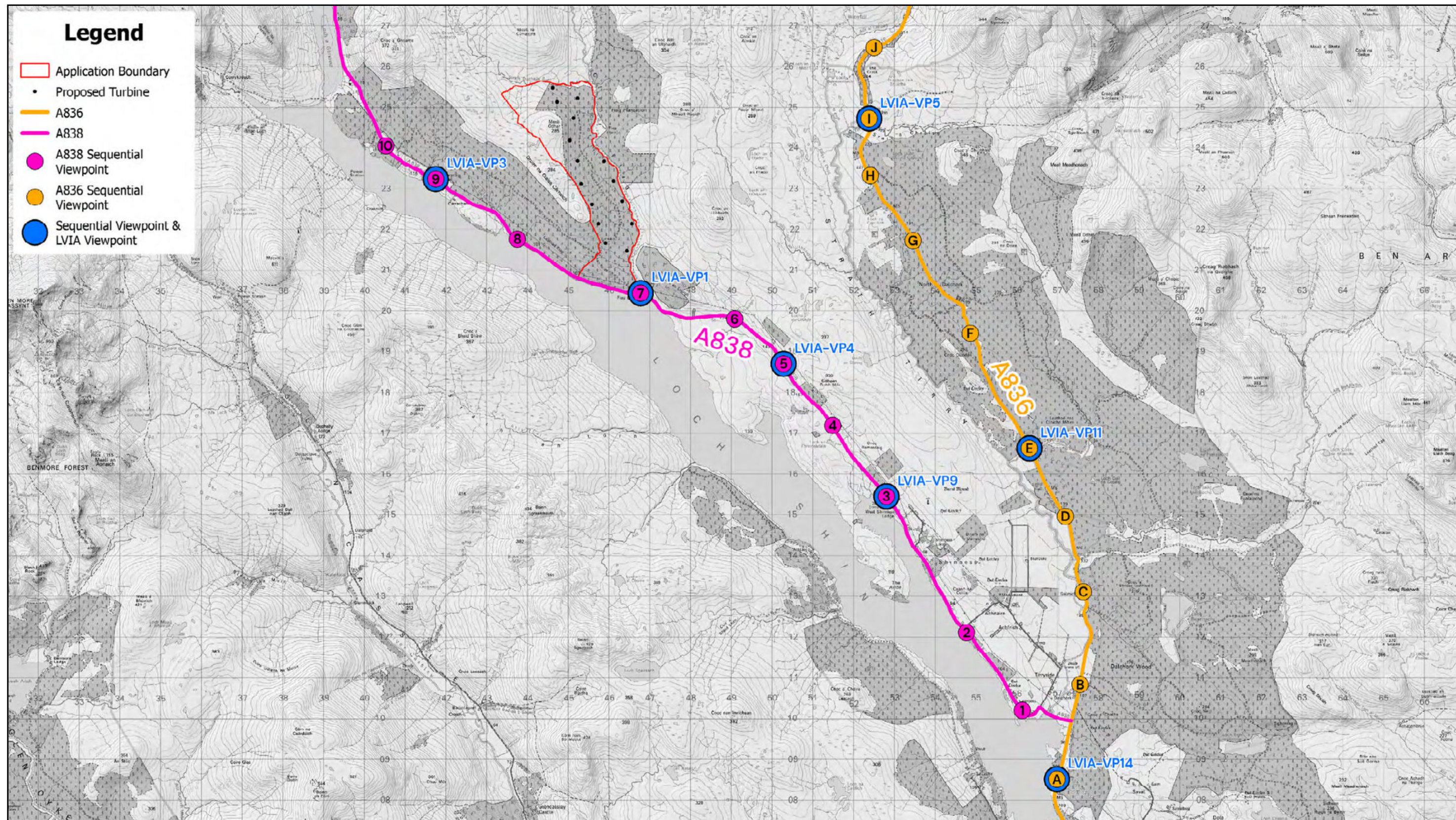
Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development



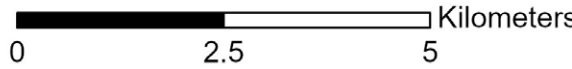


Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development



Wireline Viewpoint Location Plan

 	
A836 & A838 Sequential Assessment	
Coille Linne Wind Farm - FEI	



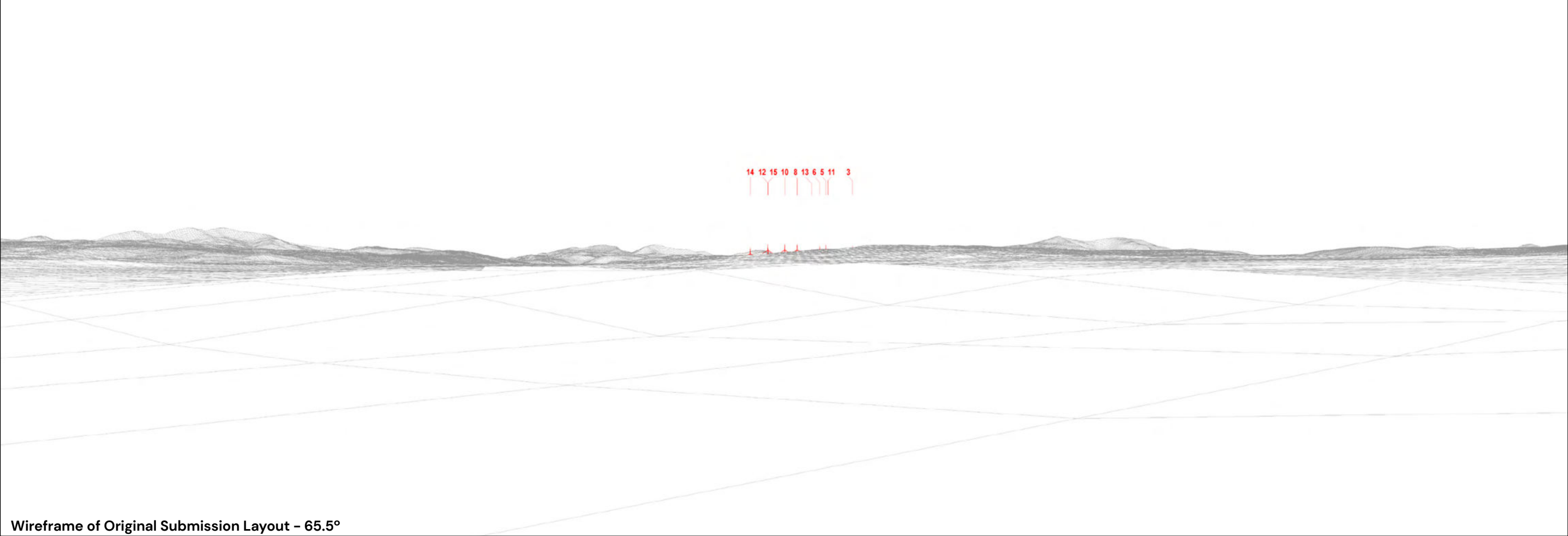
Wireframe of Revised FEI Layout - 65.5°



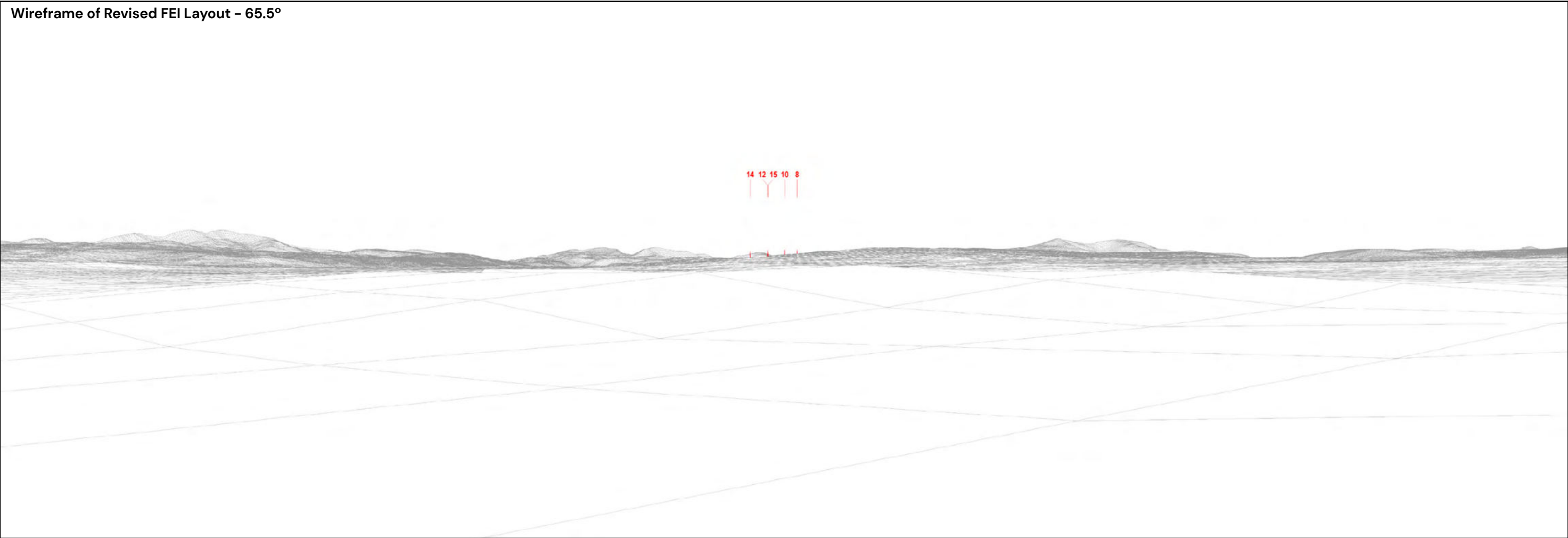


Wireframe of Revised FEI Layout – 65.5°





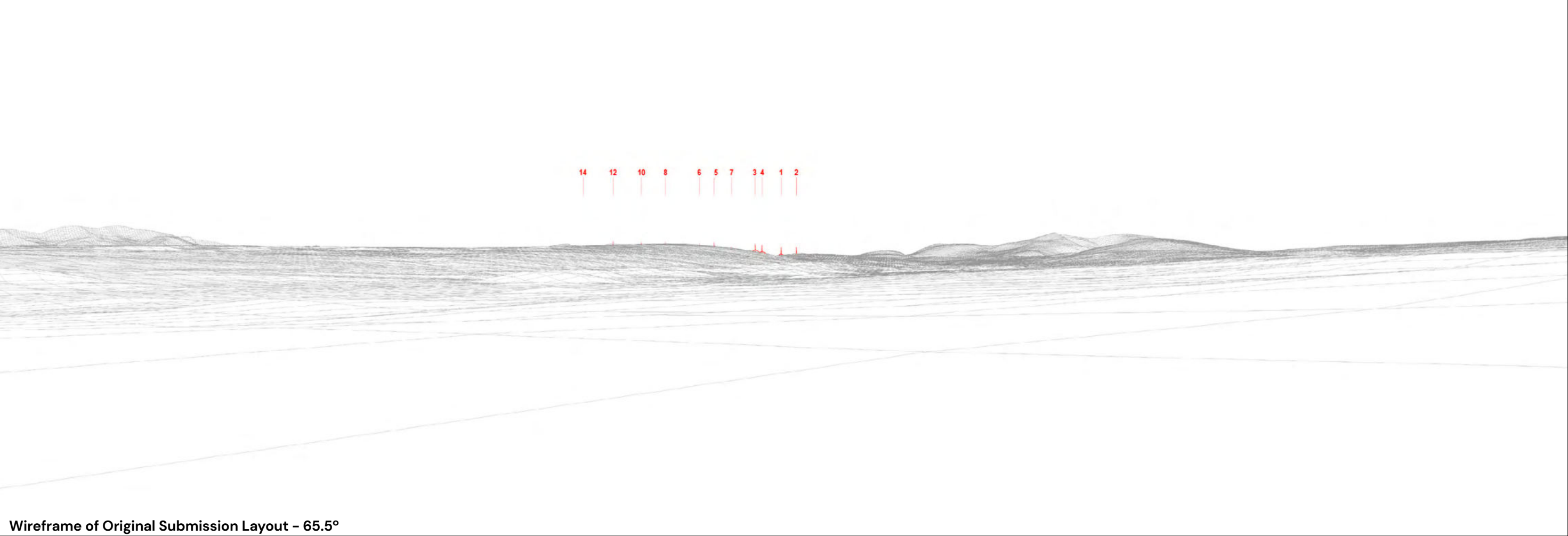
Wireframe of Revised FEI Layout - 65.5°



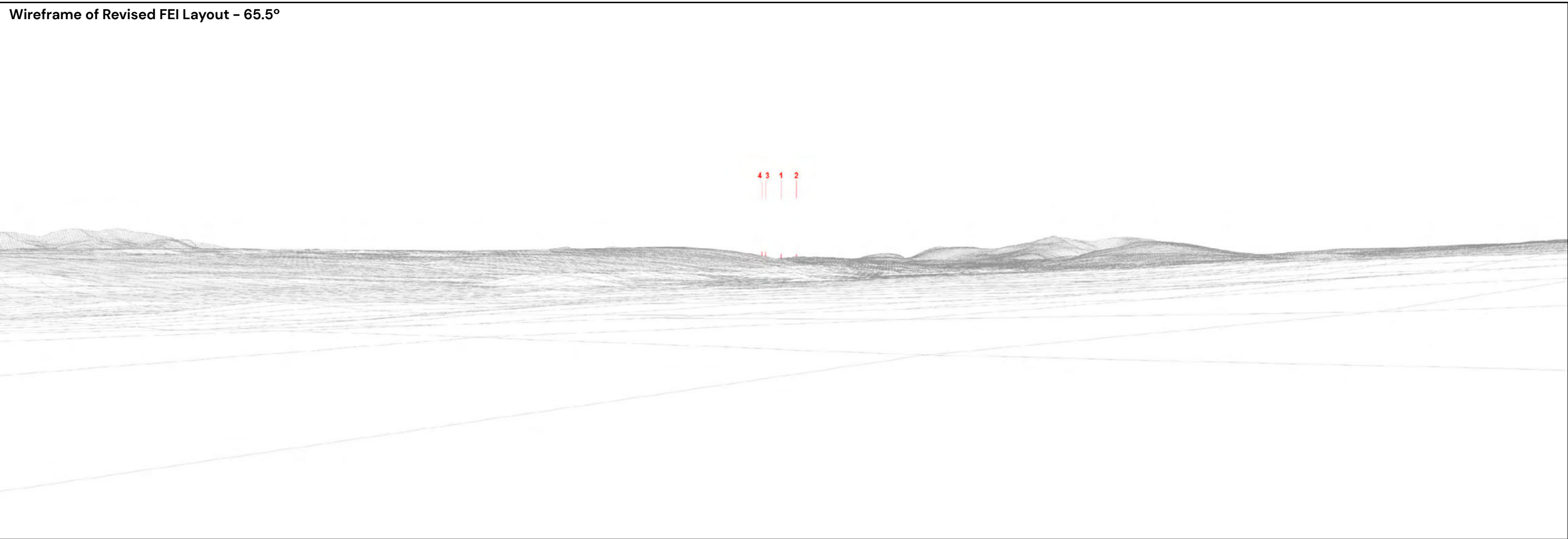


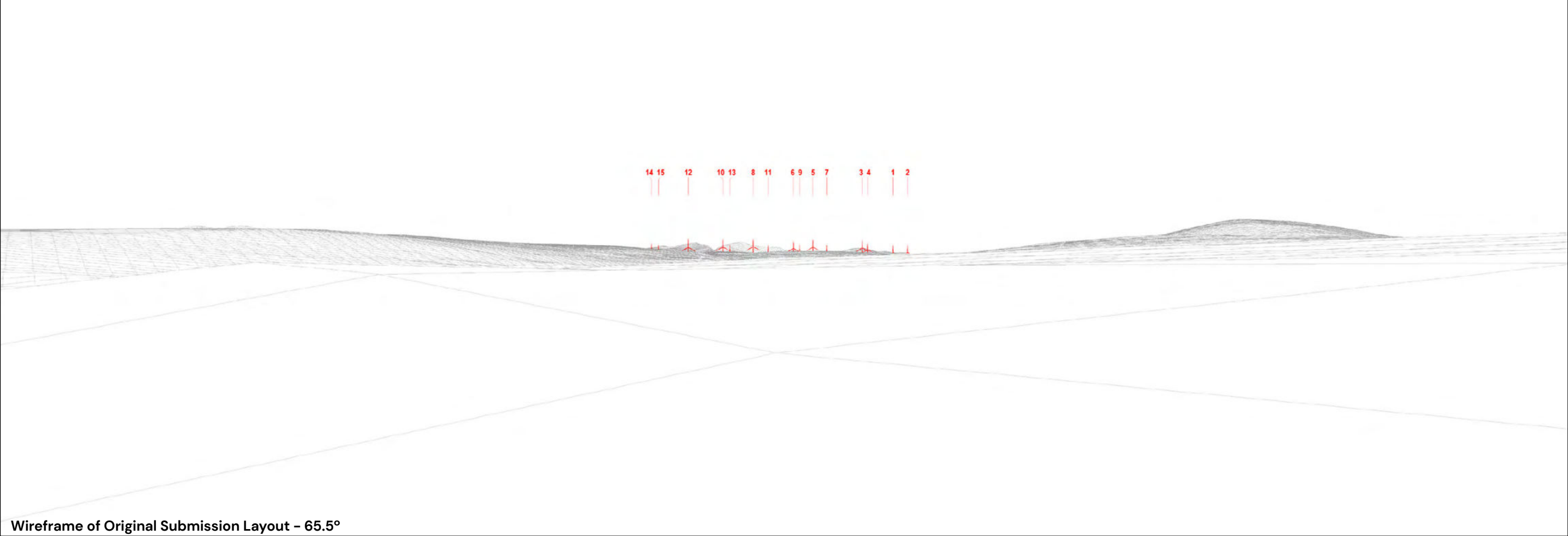
Wireframe of Revised FEI Layout - 65.5°



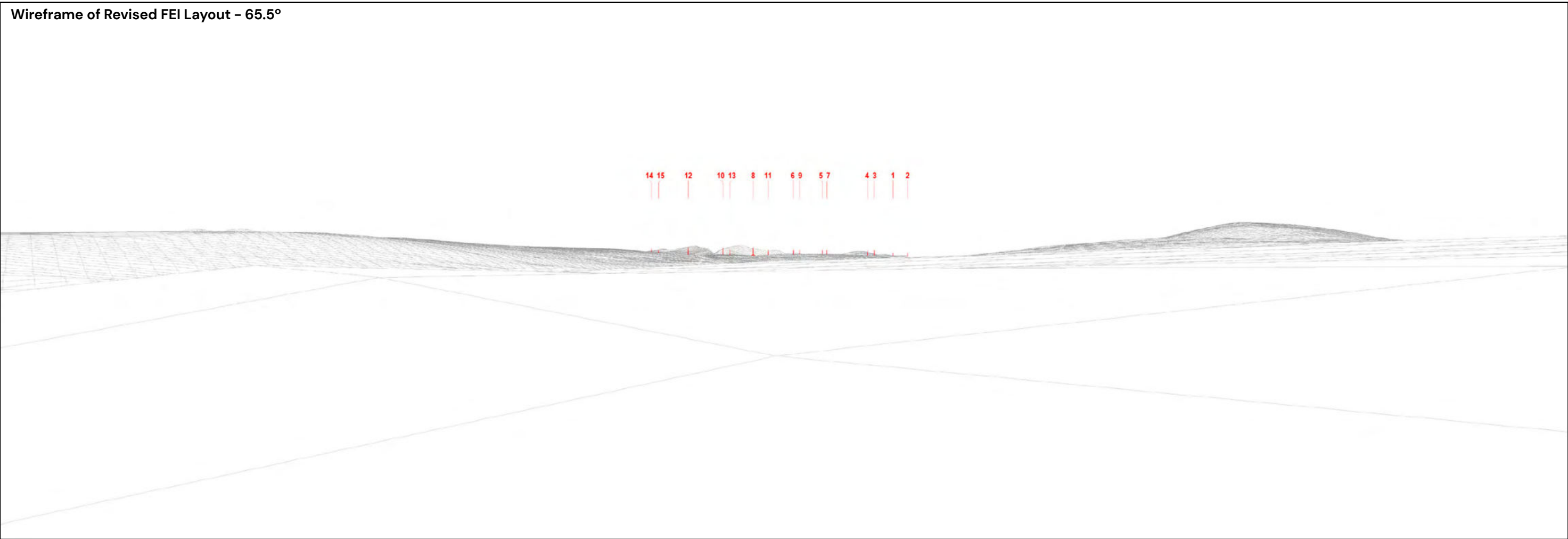


Wireframe of Revised FEI Layout - 65.5°



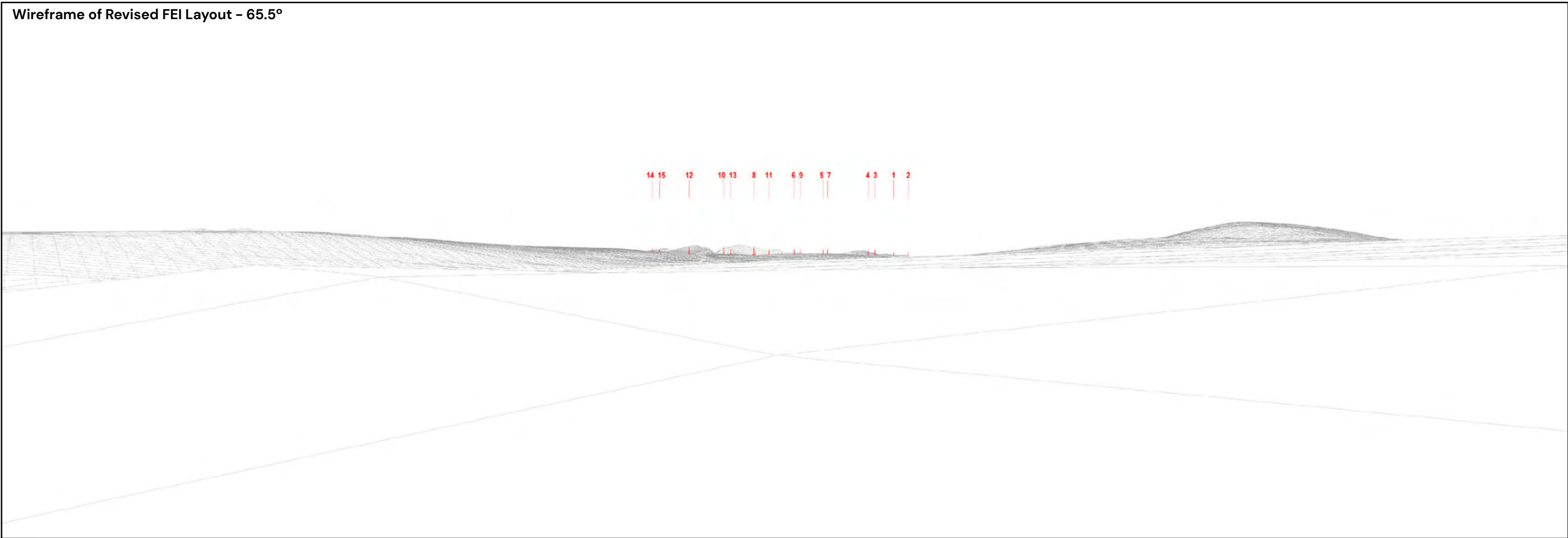


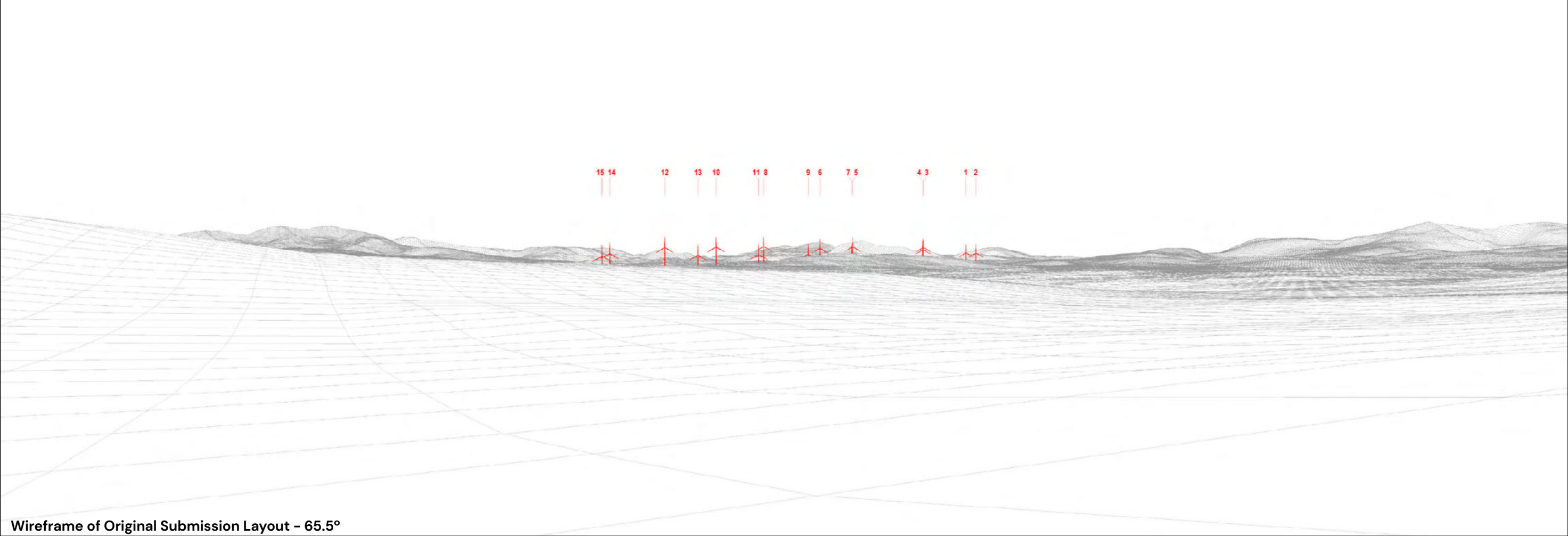
Wireframe of Revised FEI Layout - 65.5°



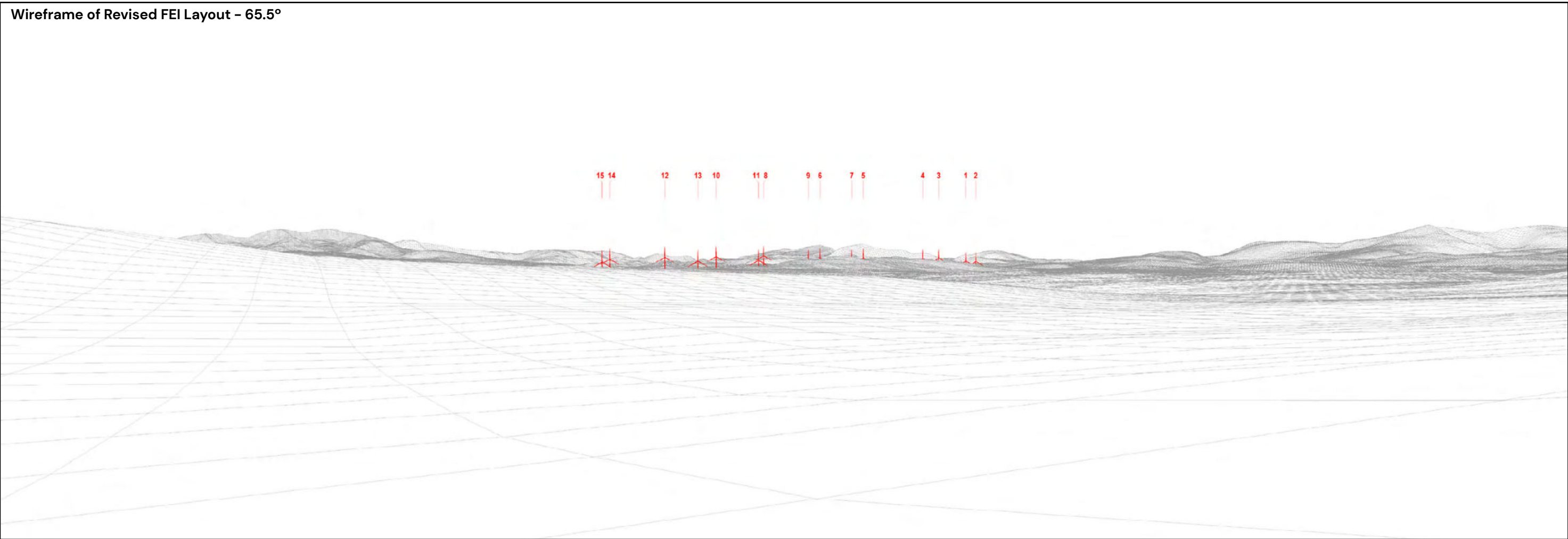


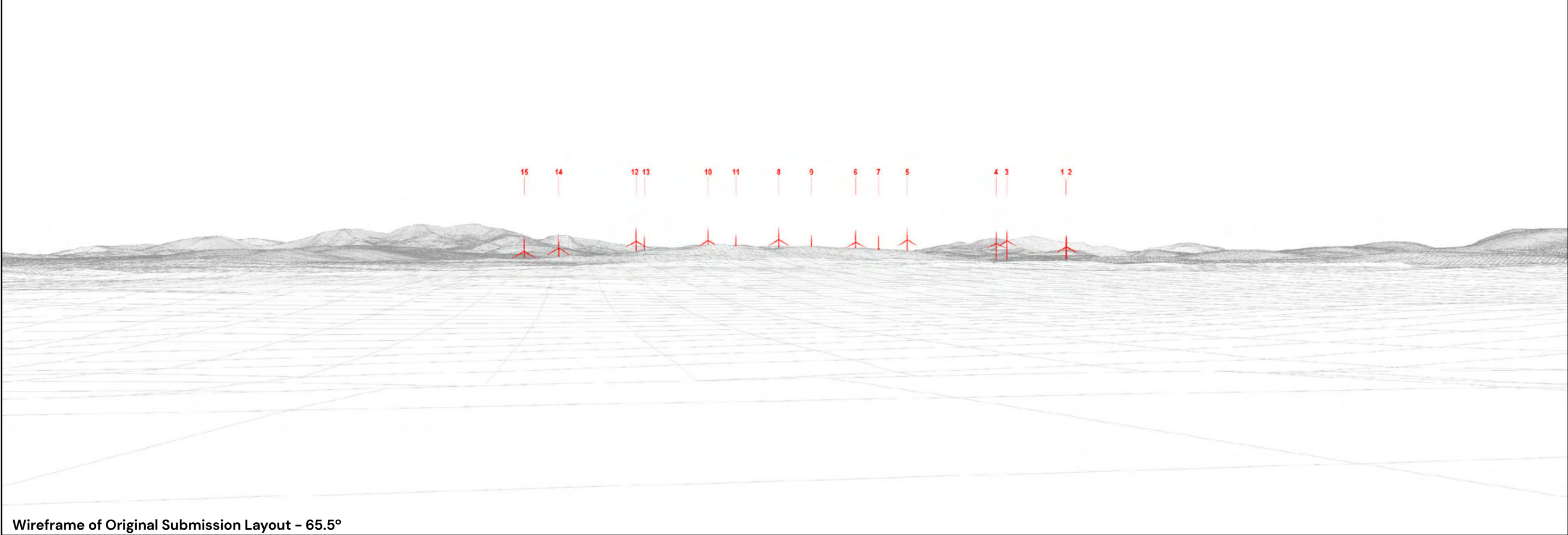
Wireframe of Revised FEI Layout - 65.5°



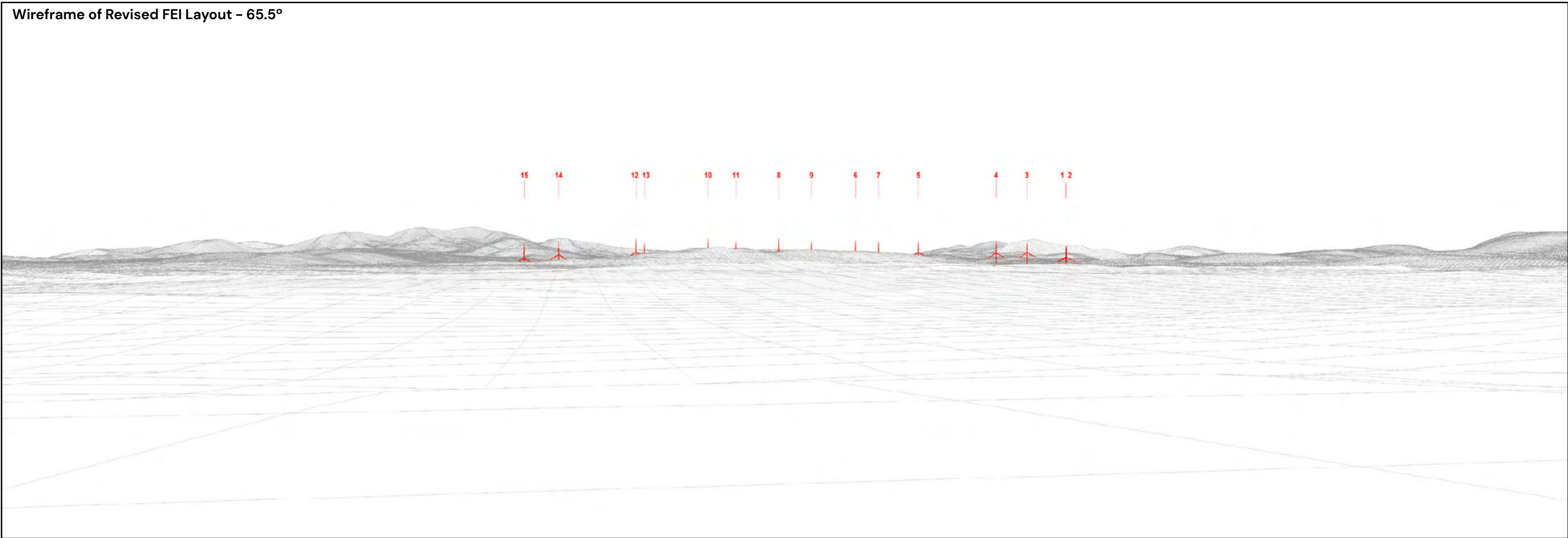


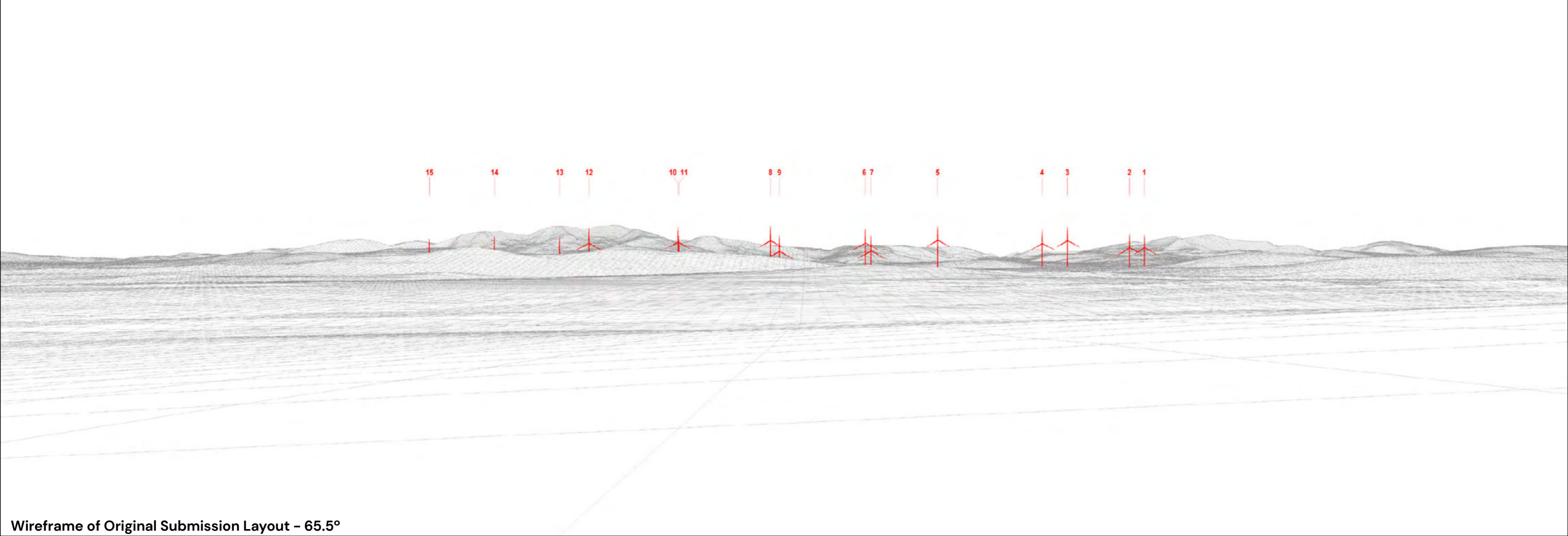
Wireframe of Revised FEI Layout - 65.5°



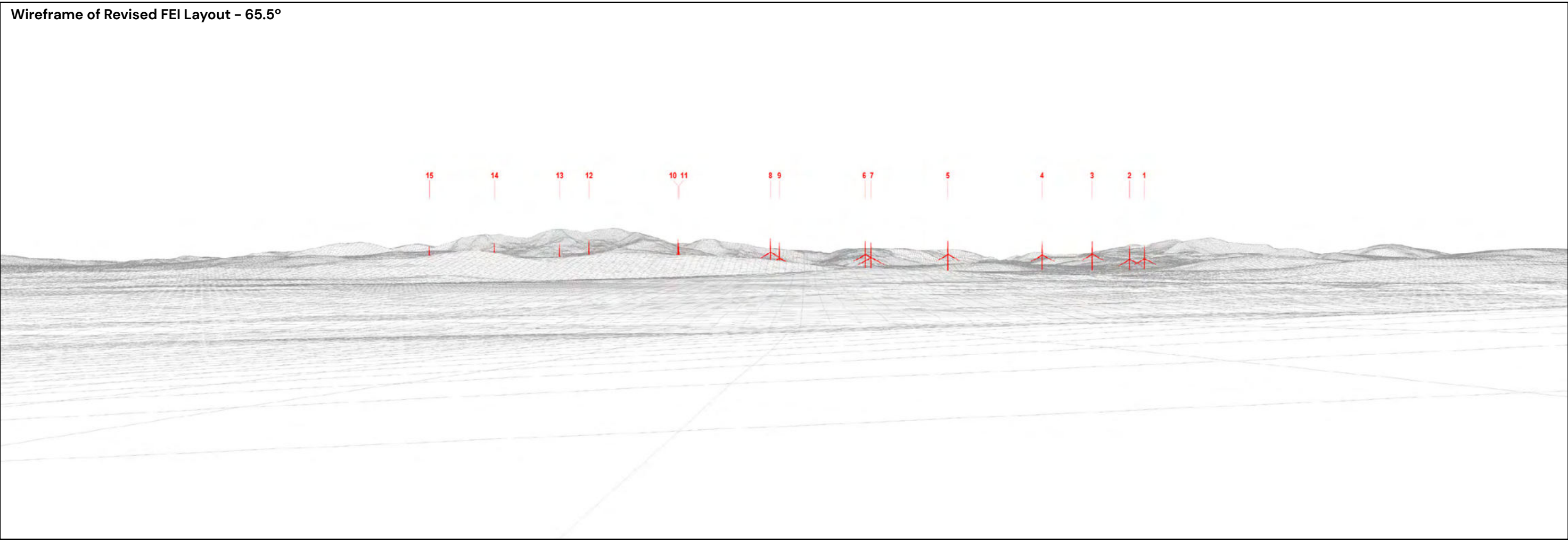


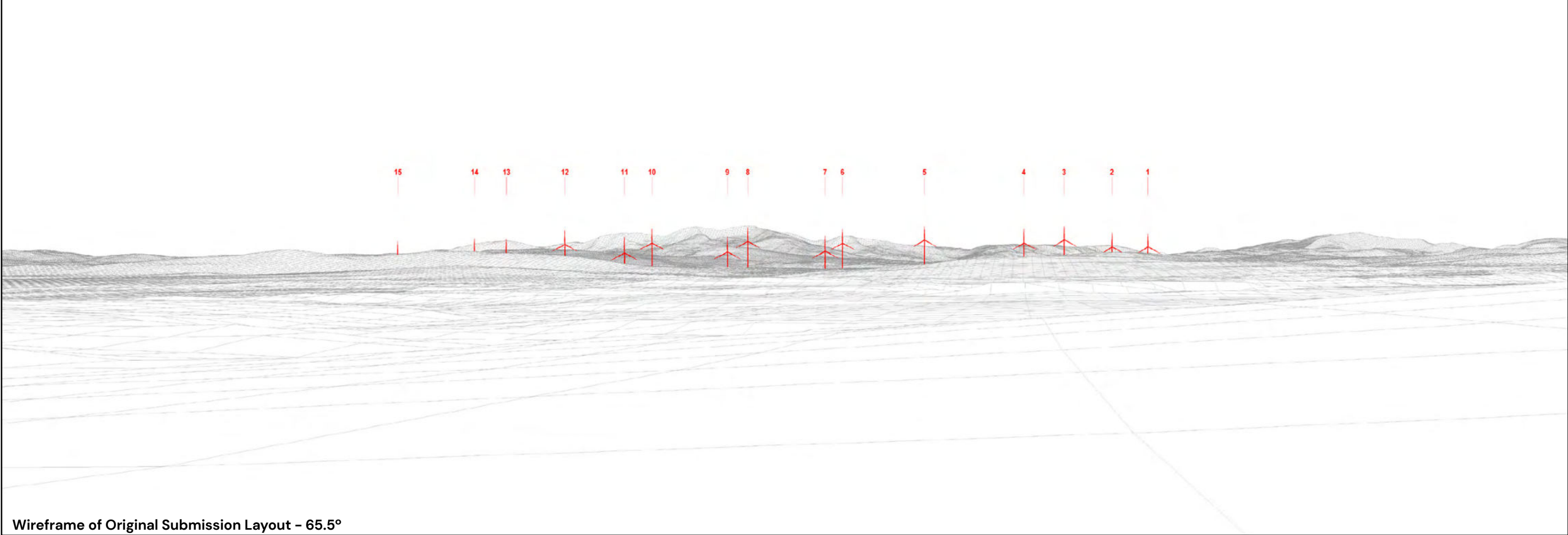
Wireframe of Revised FEI Layout - 65.5°



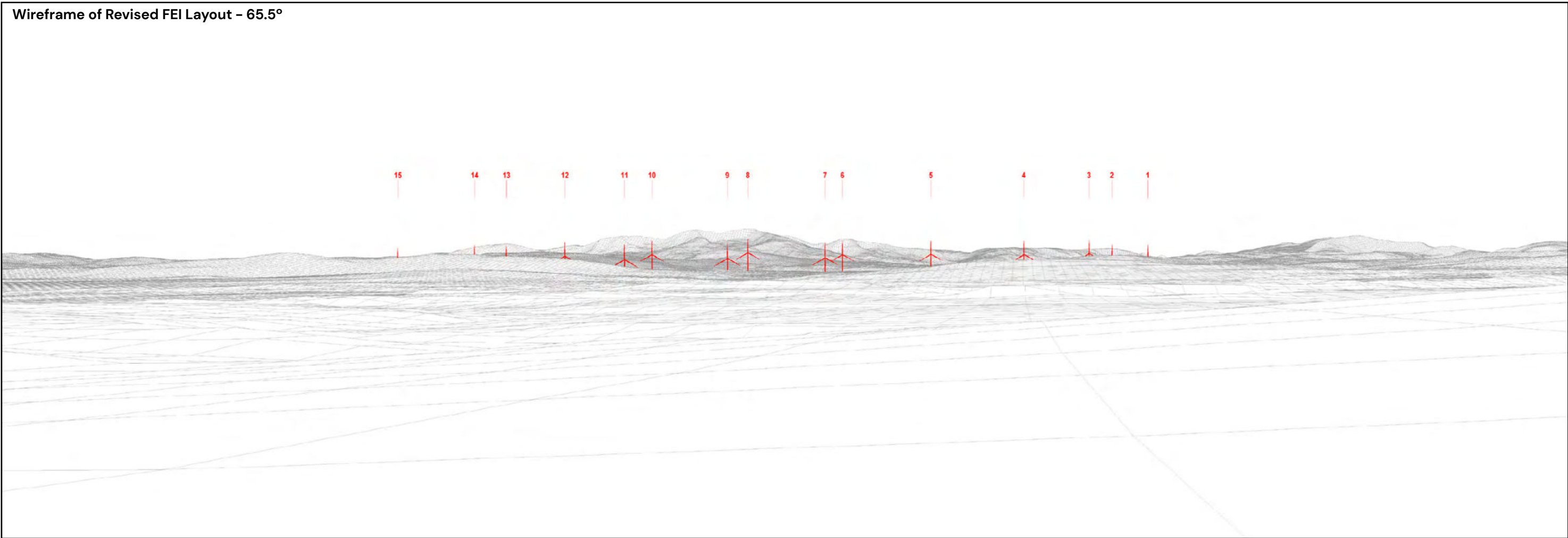


Wireframe of Revised FEI Layout - 65.5°





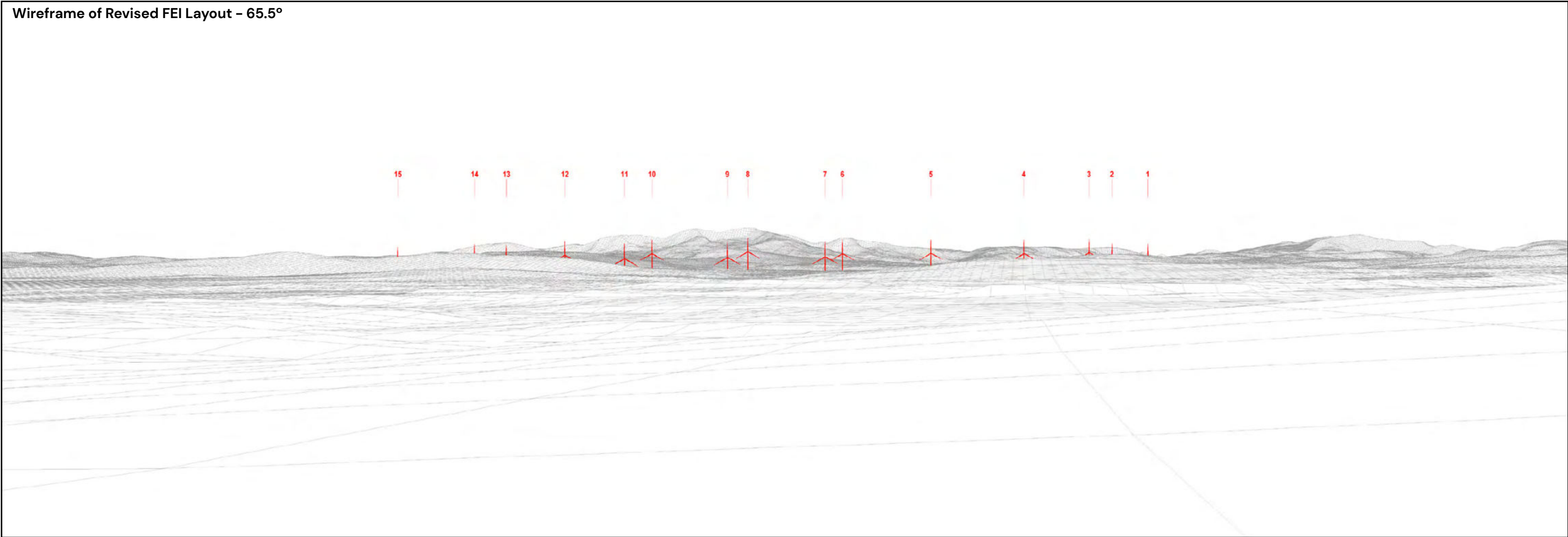
Wireframe of Revised FEI Layout - 65.5°





Existing View - 65.5°

Wireframe of Revised FEI Layout - 65.5°



Extent of 50mm single frame image

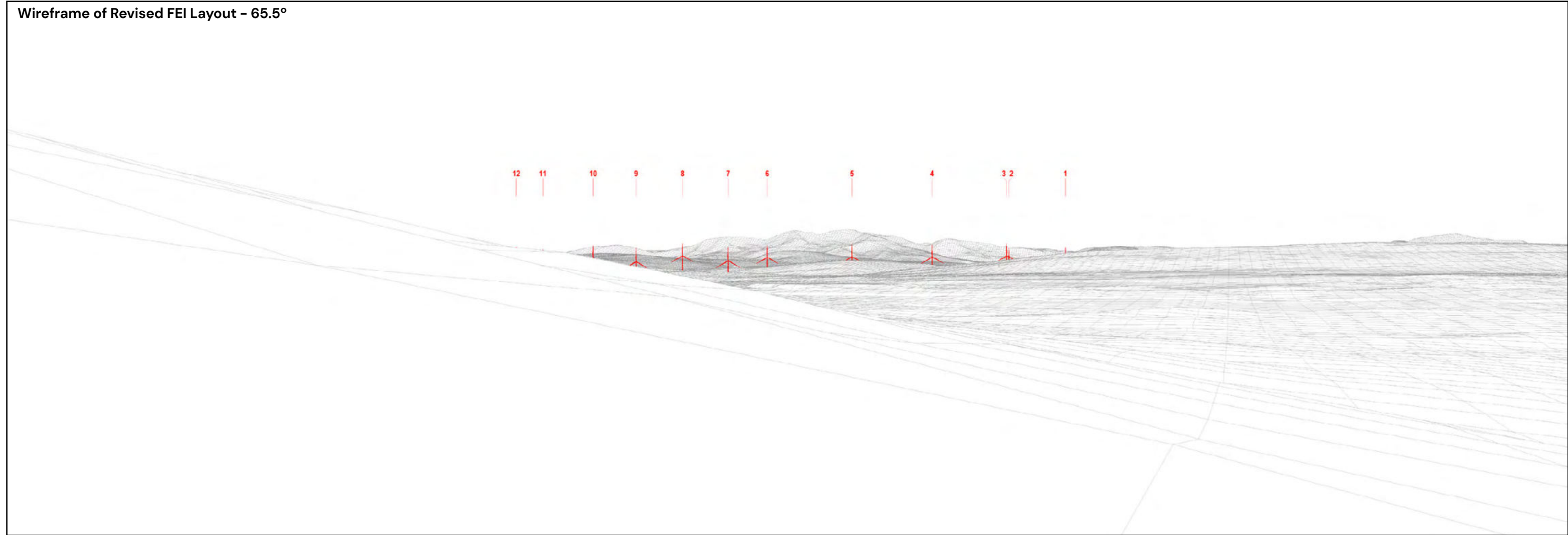
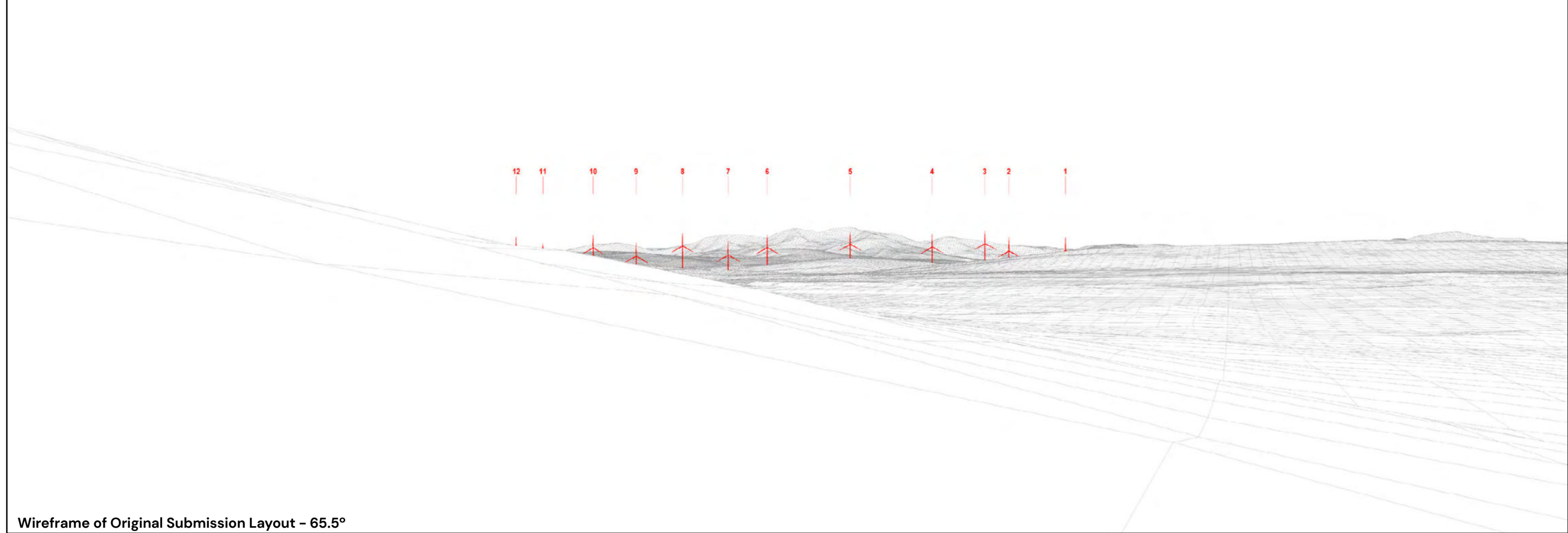


Photomontage – Revised FEI Layout – 65.5°

Viewpoint 5: A836 near Crask Inn

Distance to nearest turbine: 6367m (T13) Camera: Canon 5D Mk III, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 18/09/2024 Time: 16:26

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.





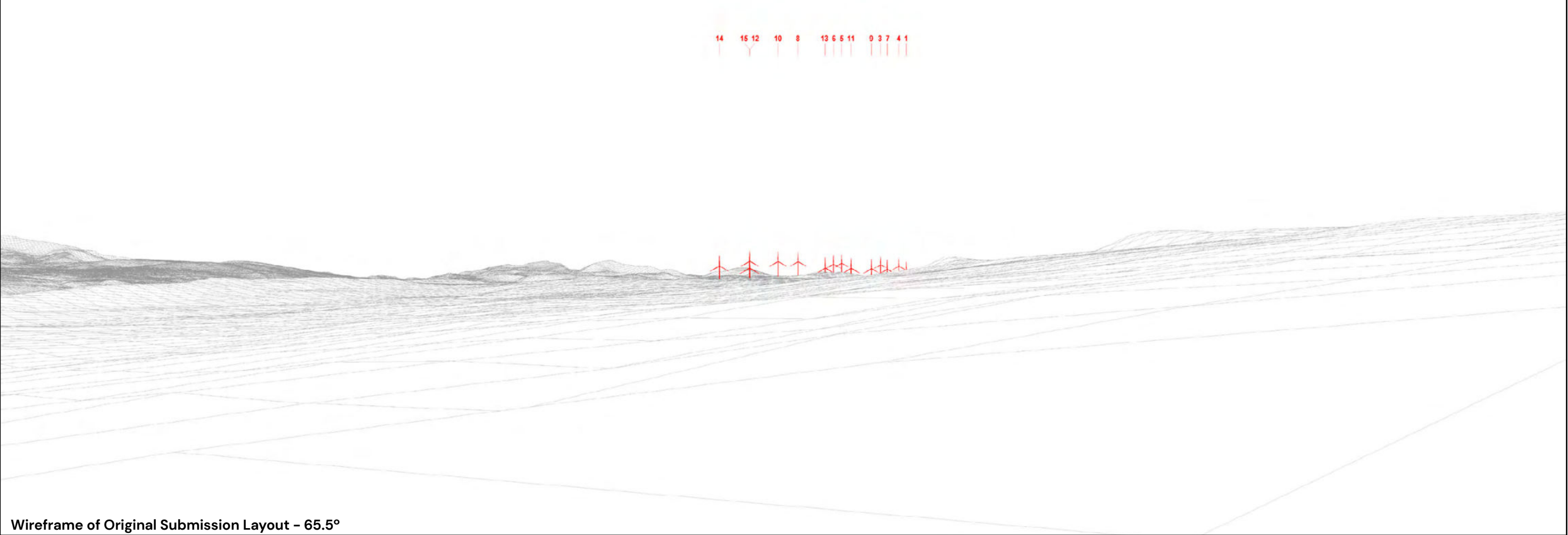
Wireframe of Revised FEI Layout - 65.5°



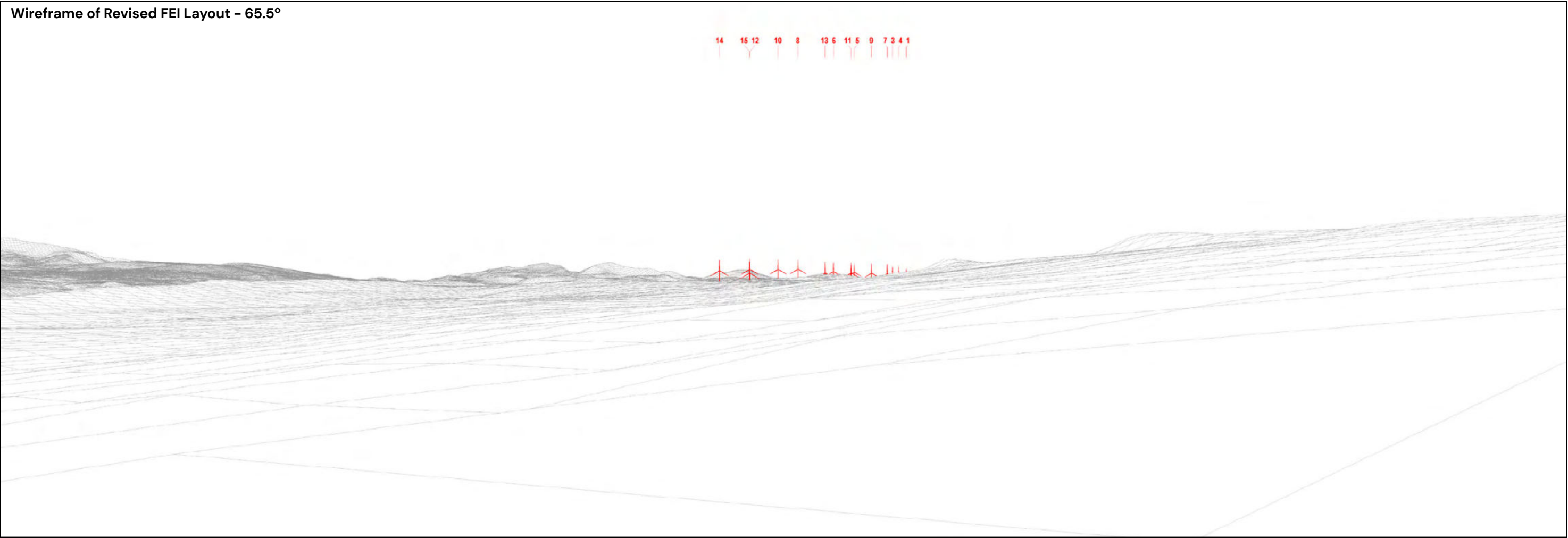


Wireframe of Revised FEI Layout - 65.5°





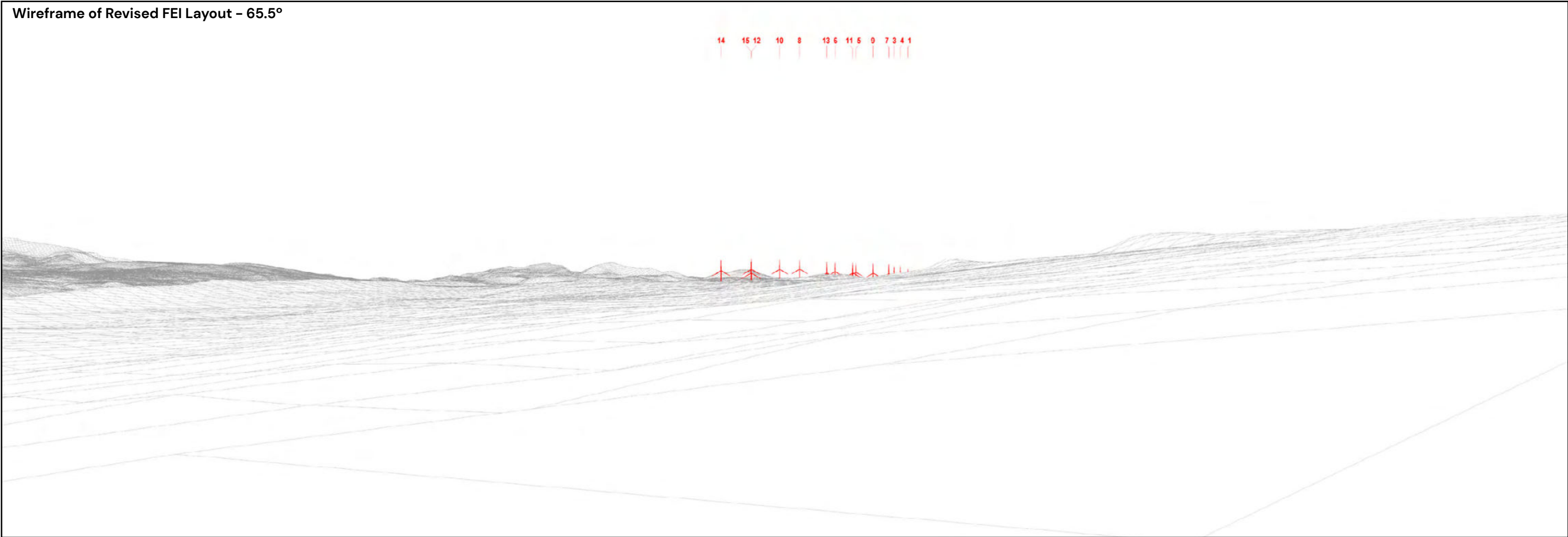
Wireframe of Revised FEI Layout - 65.5°

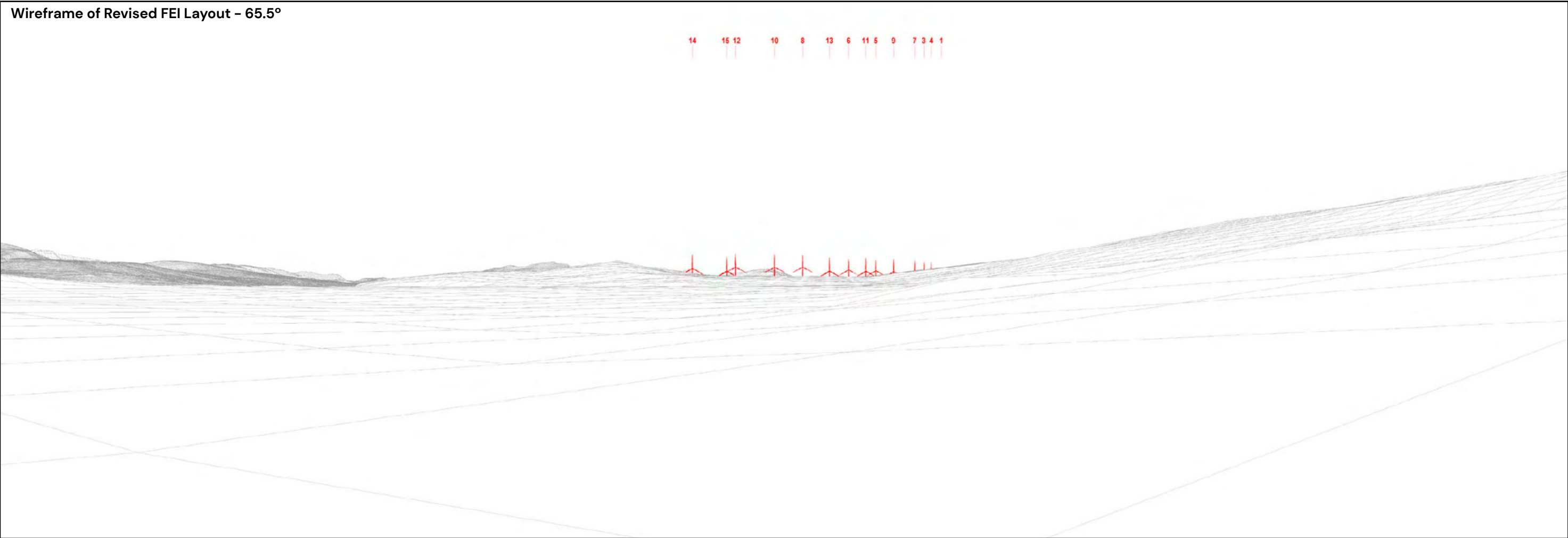
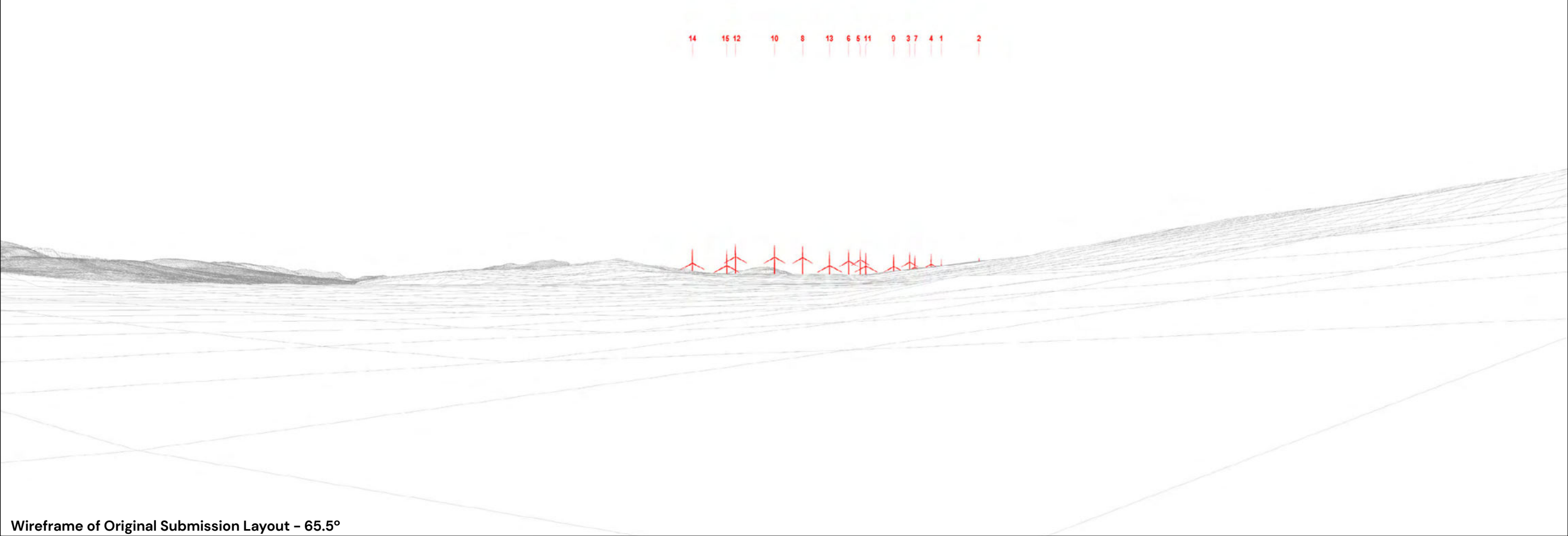


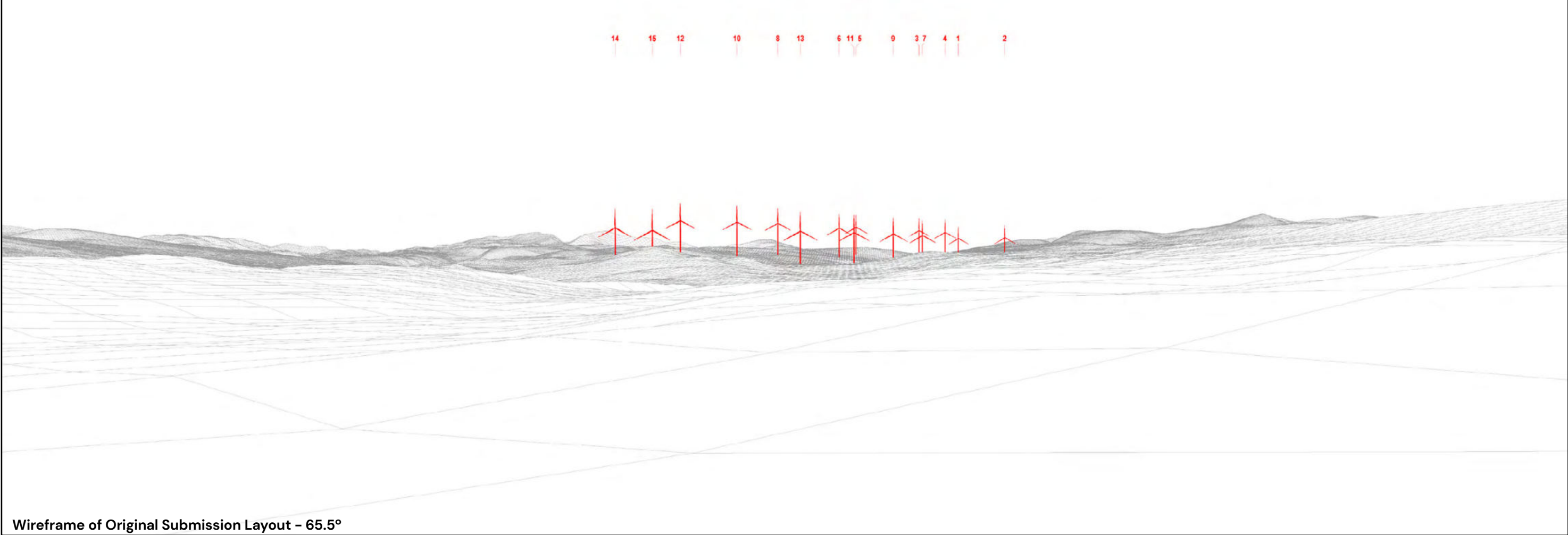


Existing View - 65.5°

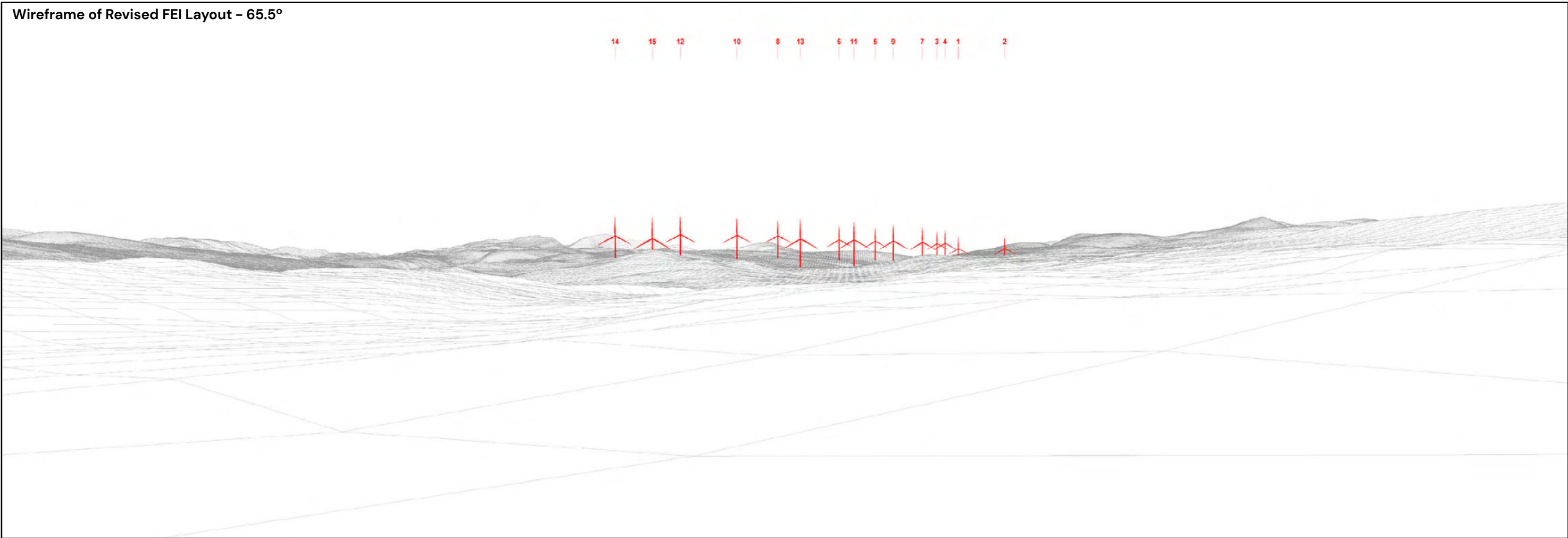
Wireframe of Revised FEI Layout - 65.5°







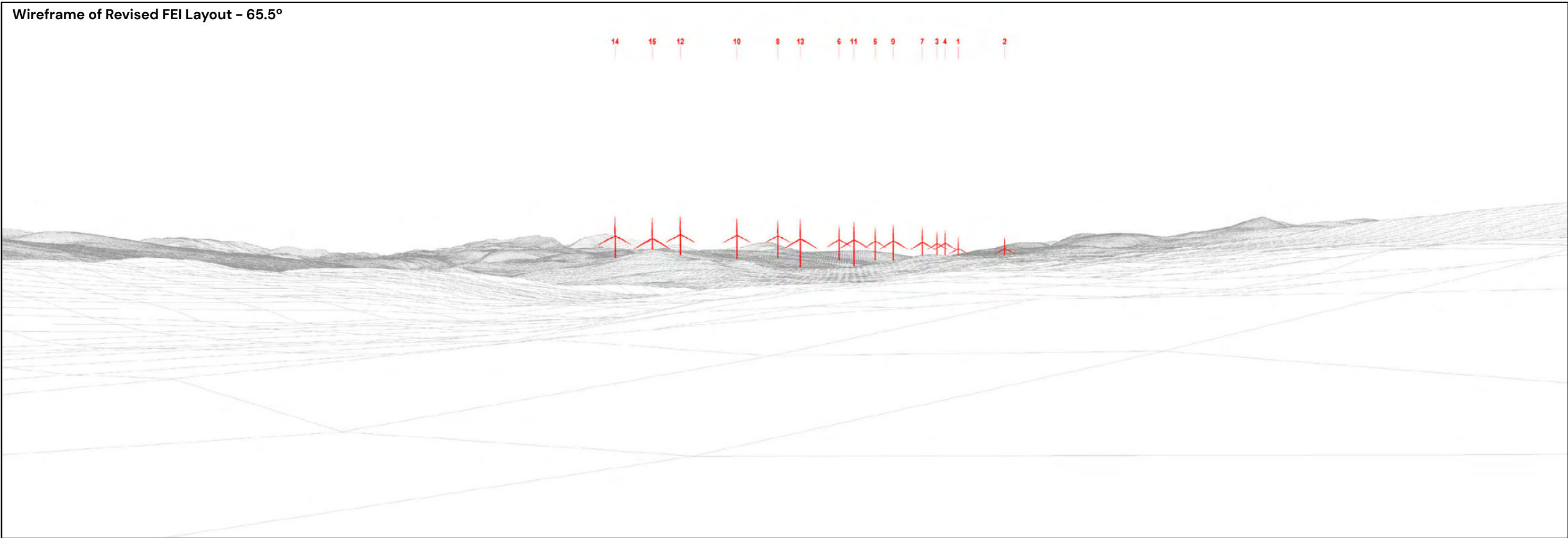
Wireframe of Revised FEI Layout - 65.5°





Existing View - 65.5°

Wireframe of Revised FEI Layout - 65.5°



Extent of 50mm single frame image



Photomontage – Revised FEI Layout – 65.5°

Viewpoint 4: A838 near Sithean Dubh Mor

Distance to nearest turbine: 4737m (T15)

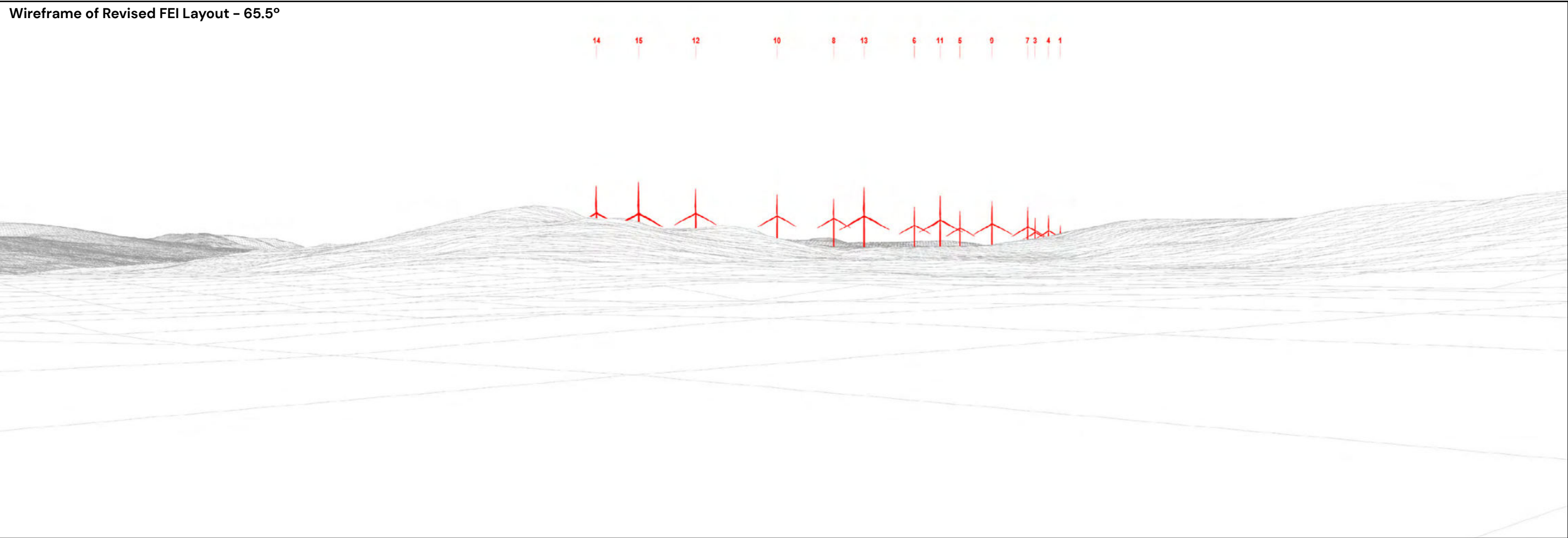
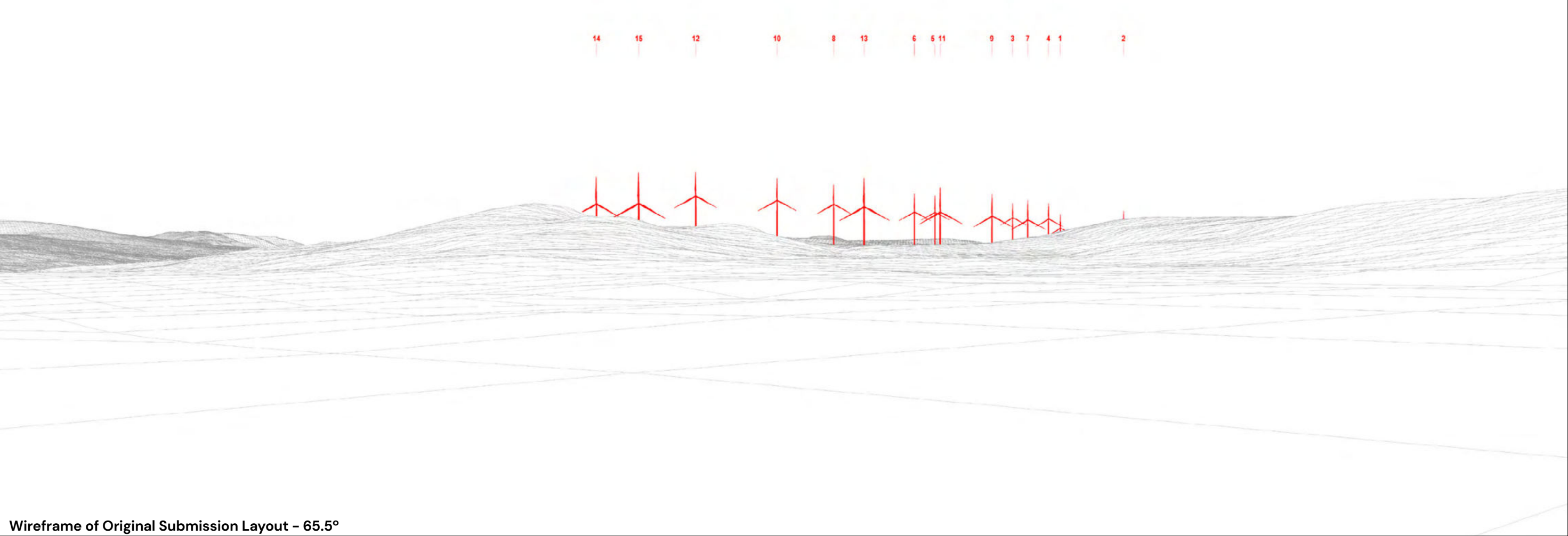
Camera: Canon 5D Mk III, FFS

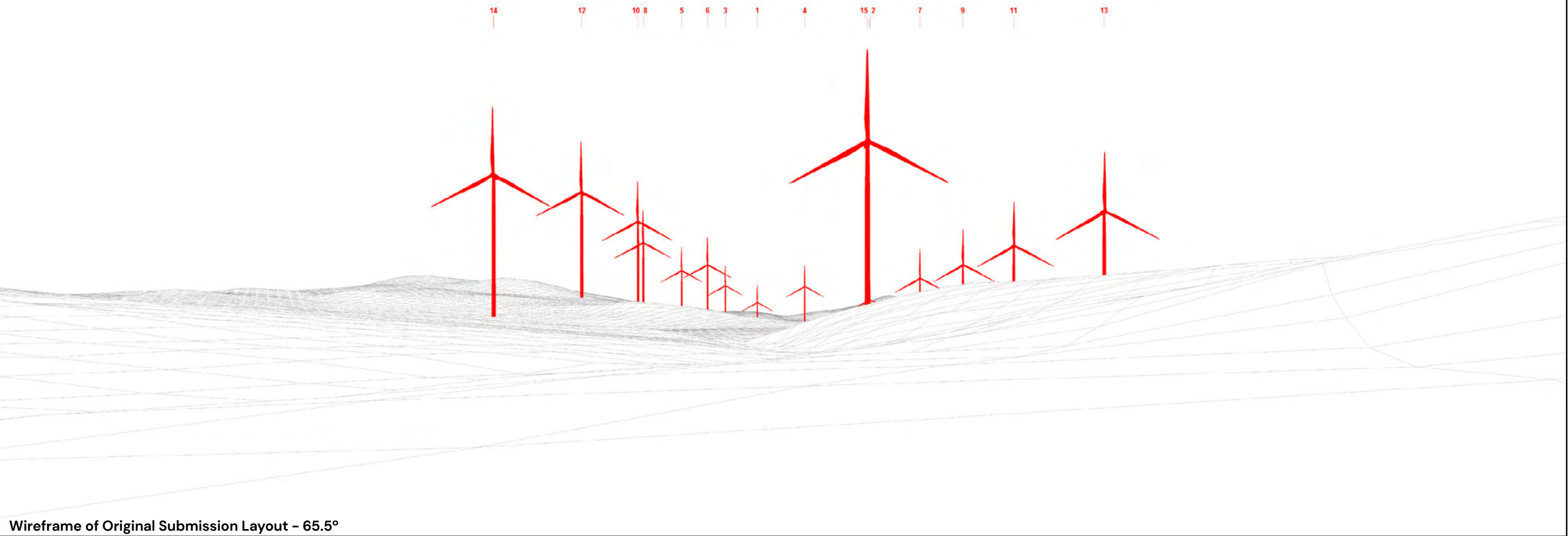
Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°)

Camera height: 1.5m

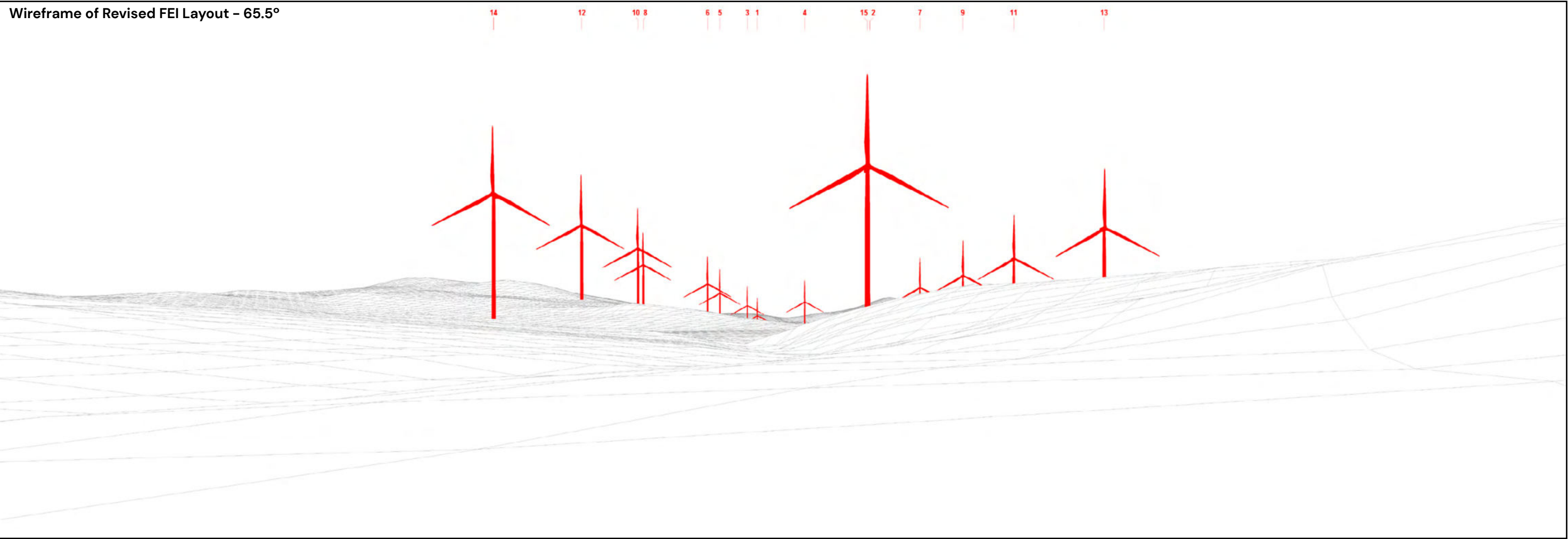
Date: 05/09/2024 **Time:** 15:52

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.





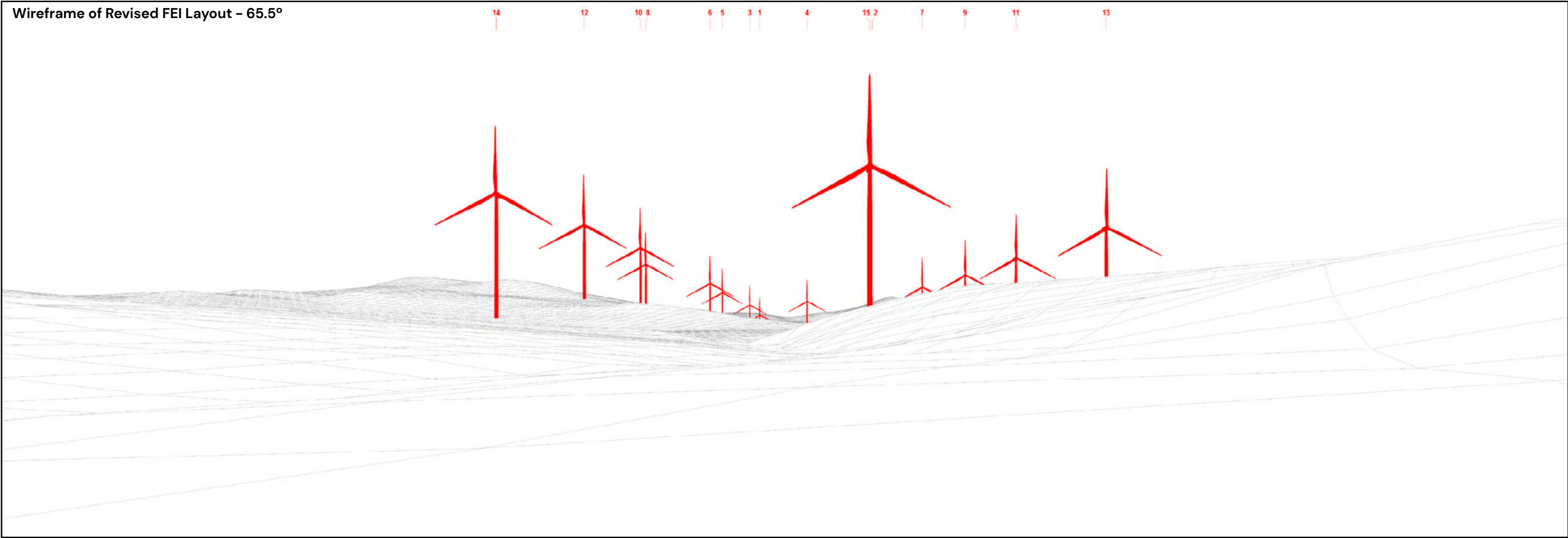
Wireframe of Revised FEI Layout - 65.5°

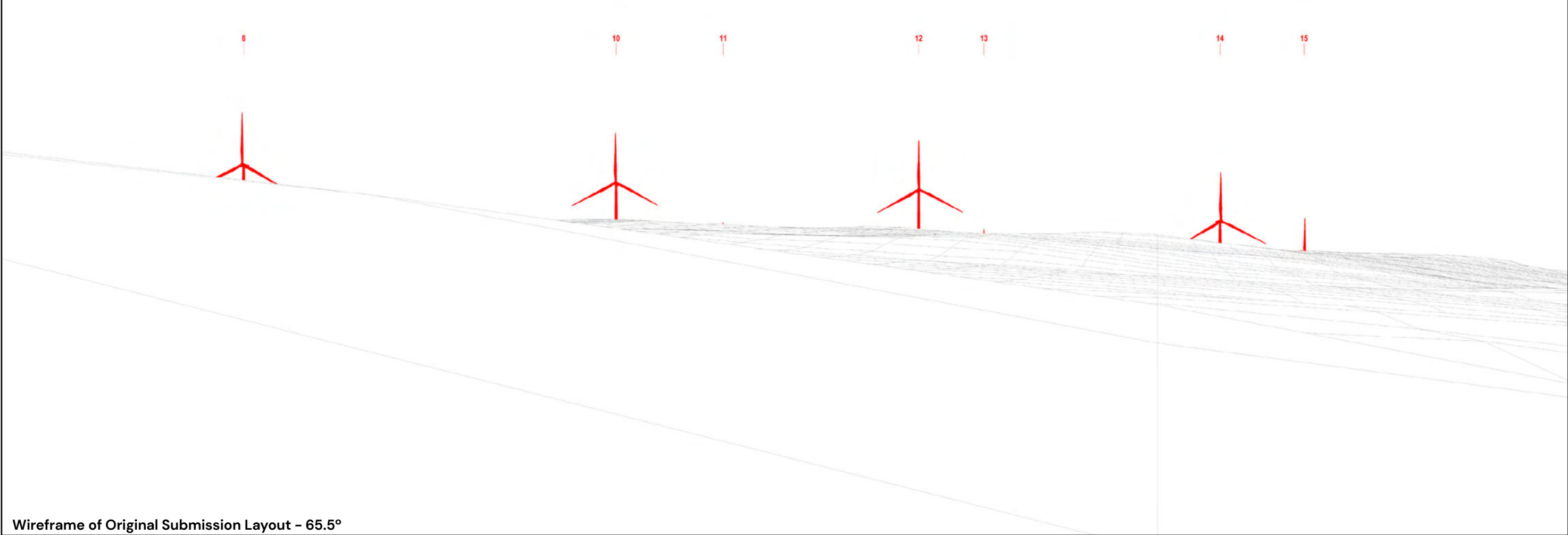




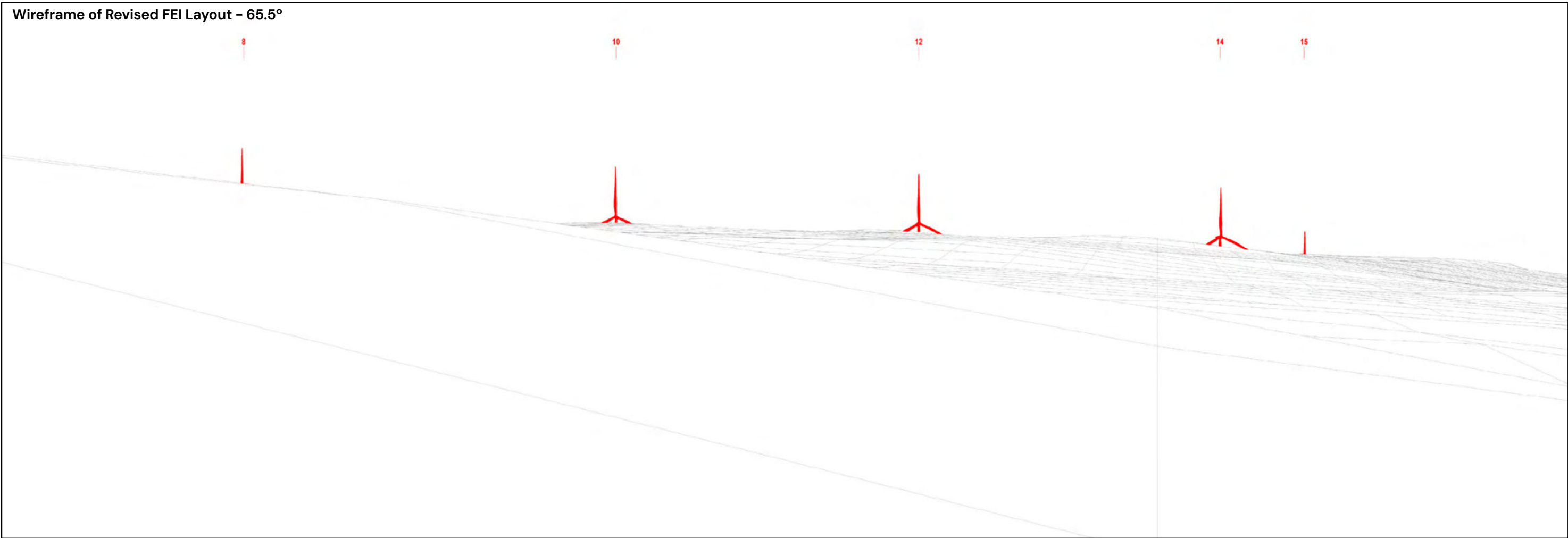
Existing View - 65.5°

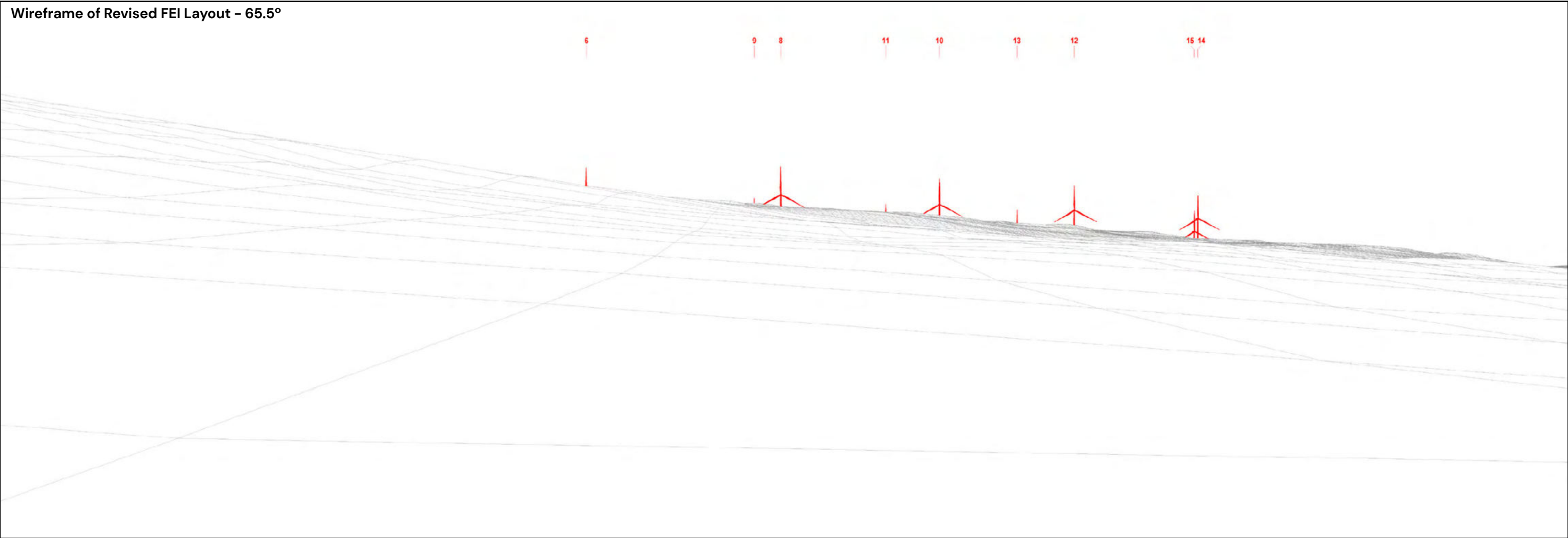
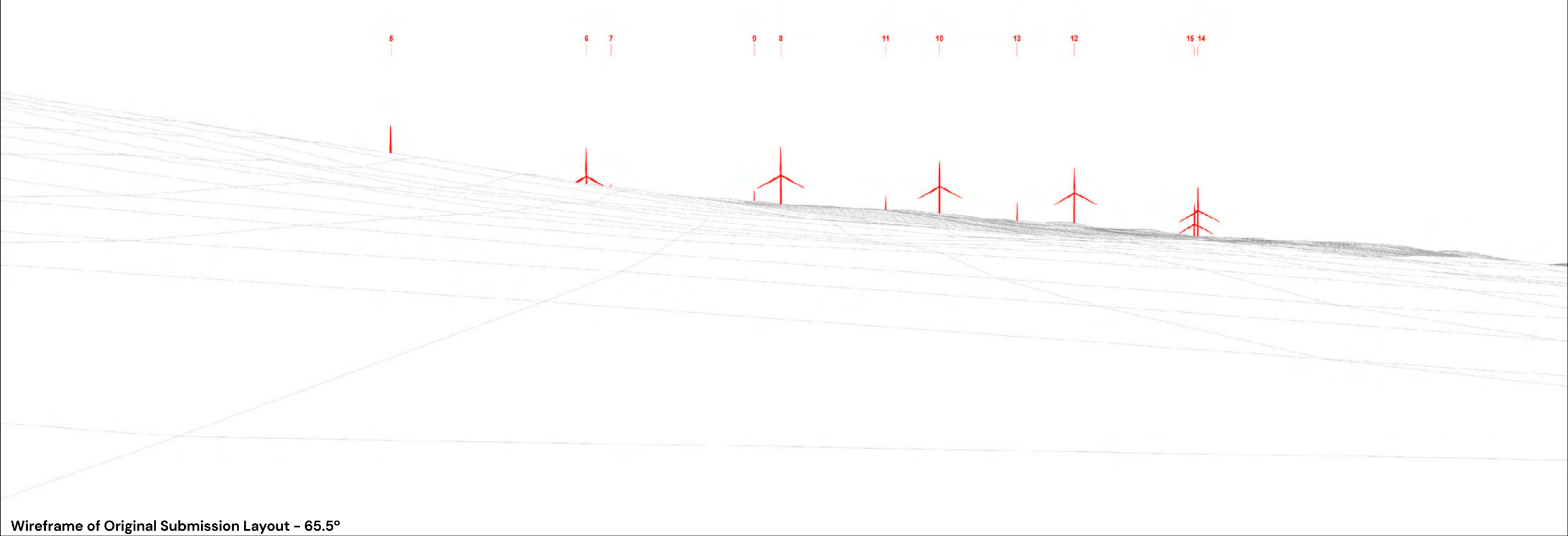
Wireframe of Revised FEI Layout - 65.5°





Wireframe of Revised FEI Layout - 65.5°

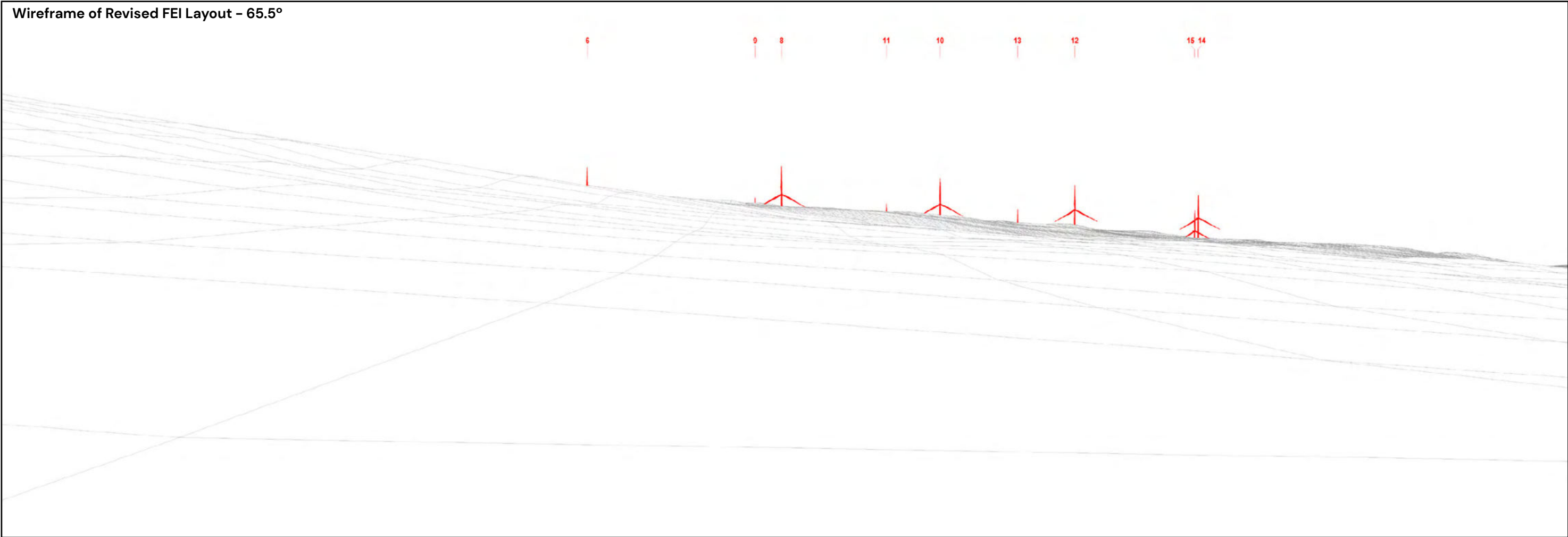


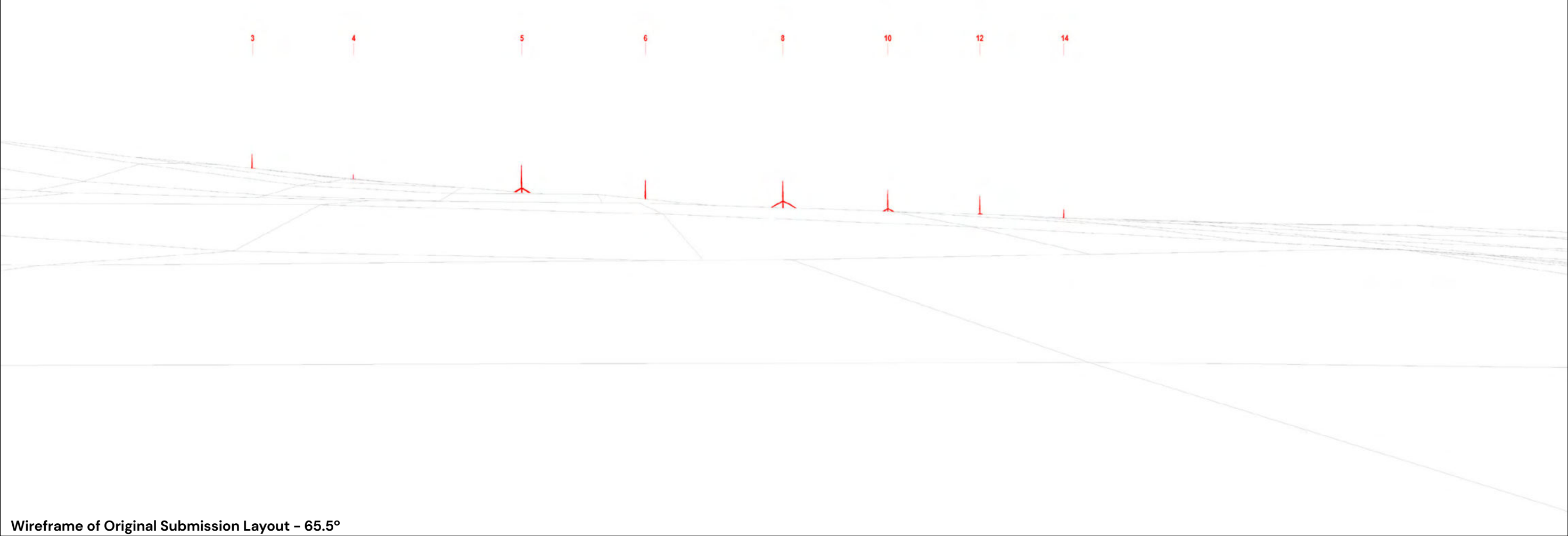




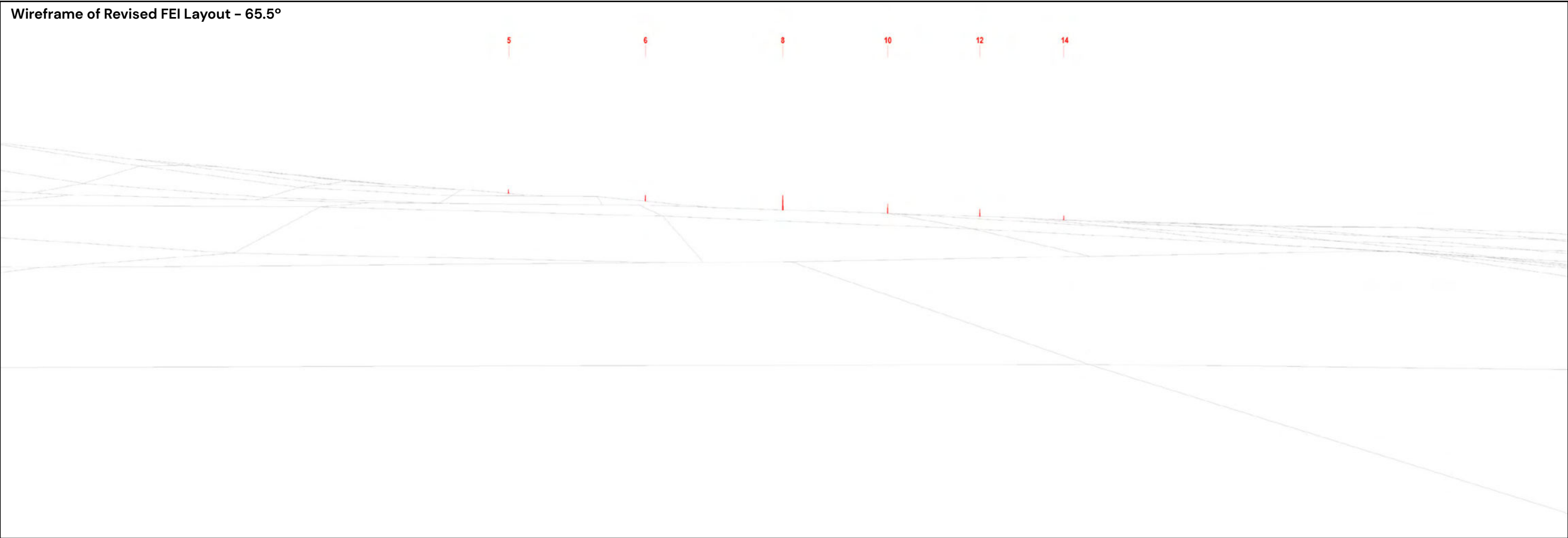
Existing View - 65.5°

Wireframe of Revised FEI Layout - 65.5°

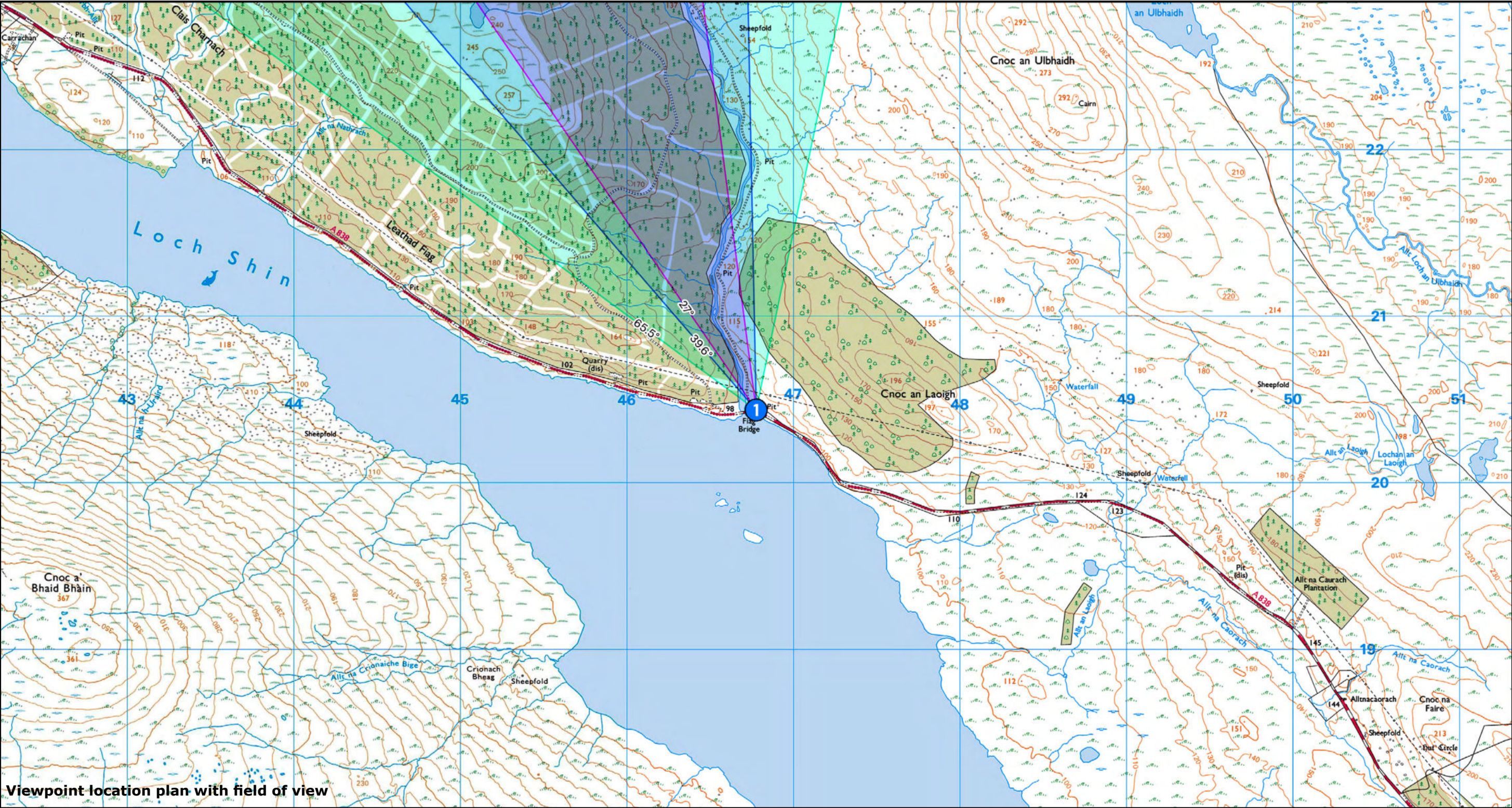




Wireframe of Revised FEI Layout - 65.5°



VIEWPOINT 1: A838 near Fiag Bridge



Viewpoint location plan with field of view

Grid Ref: E246776 N920438 Distance to nearest turbine: 1089m (T15) AOD: 96 m

0 250 500
Meters

Viewpoint 1
A838 near Fiag Bridge

Coille Linne Wind Farm FEI

The viewpoint is representative of views from the A838 where open views are possible to the south-west across Loch Shin.

Extent of 50mm single frame image



Revised Photomontage – 65.5°

Viewpoint 1: A838 near Fiag Bridge

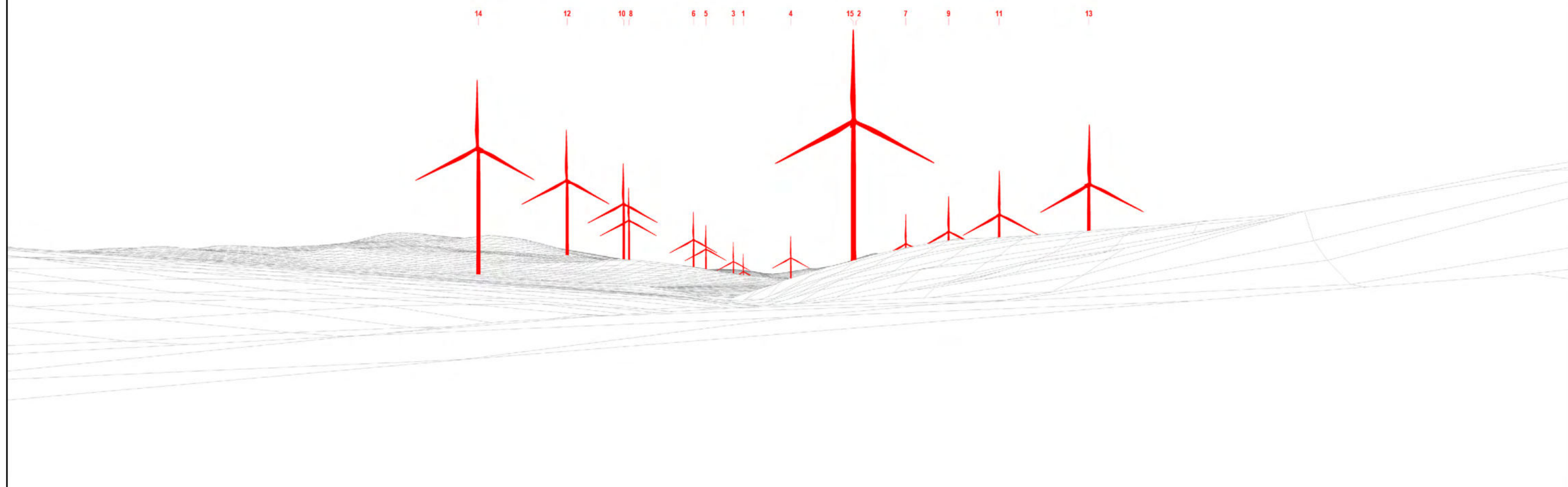
Distance to nearest turbine: 1089m (T15) **Camera:** Nikon Z 6 II, FFS **Focal length:** 50mm vertical (27°) x 28mm horizontal (65.5°) **Camera height:** 1.5m **Date:** 18/09/2024 **Time:** 14:45

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View - 65.5°

Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage - 39.6°

Viewpoint 1: A838 near Fiag Bridge

Distance to nearest turbine: 1089m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 18/09/2024

Time: 14:45

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



Revised Photomontage - 27°

Viewpoint 1: A838 near Fiag Bridge

Distance to nearest turbine: 1089m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

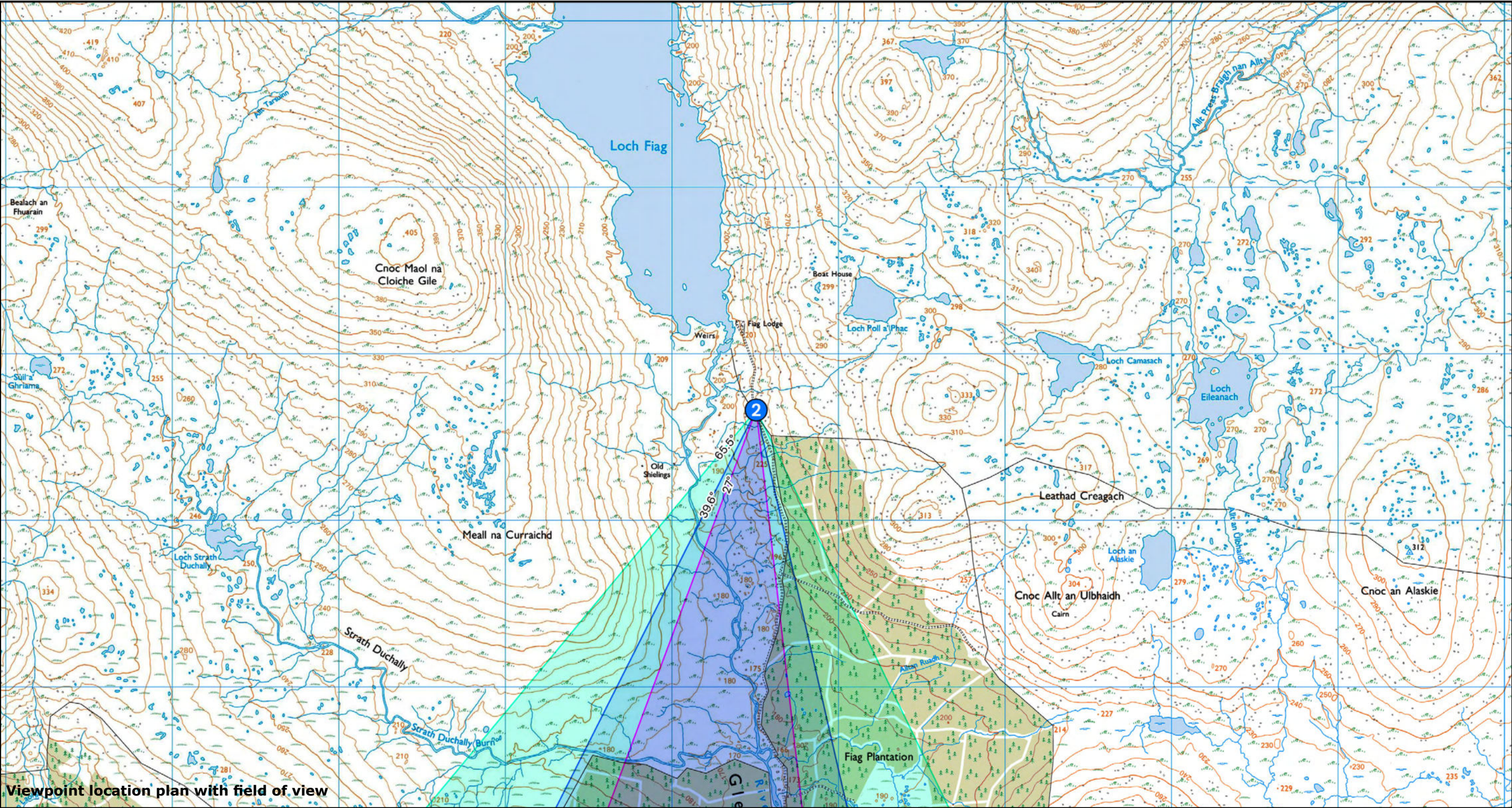
Camera height: 1.5m

Date: 18/09/2024

Time: 14:45

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 2: Loch Fiag



Viewpoint location plan with field of view

Grid Ref: E245506 N927664

Distance to nearest turbine: 2360m (T1)

AOD: 221 m

0250500

Meters

N

Viewpoint 2
Loch Fiag

Coille Linne Wind Farm FEI

The viewpoint is representative of those visiting Fiag Lodge and by those visiting Fiag Loch and the area of wild land.

Extent of 50mm single frame image



Viewpoint 2: Loch Fiag

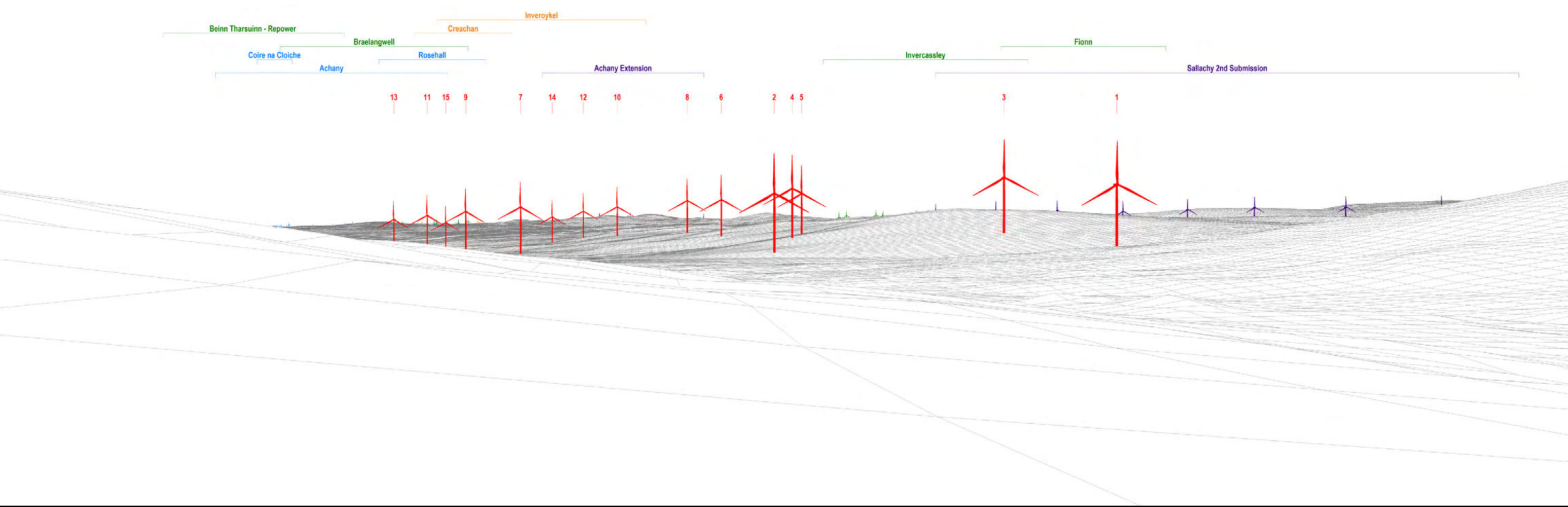
Distance to nearest turbine: 2360m (T1) Camera: Nikon Z 6 II, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 18/09/2024 Time: 16:41

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View - 65.5°

Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage – 39.6°

Viewpoint 2: Loch Fiag

Distance to nearest turbine: 2360m (T1)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 18/09/2024

Time: 16:41

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

**Viewpoint 2: Loch Fiag**

Distance to nearest turbine: 2360m (T1)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

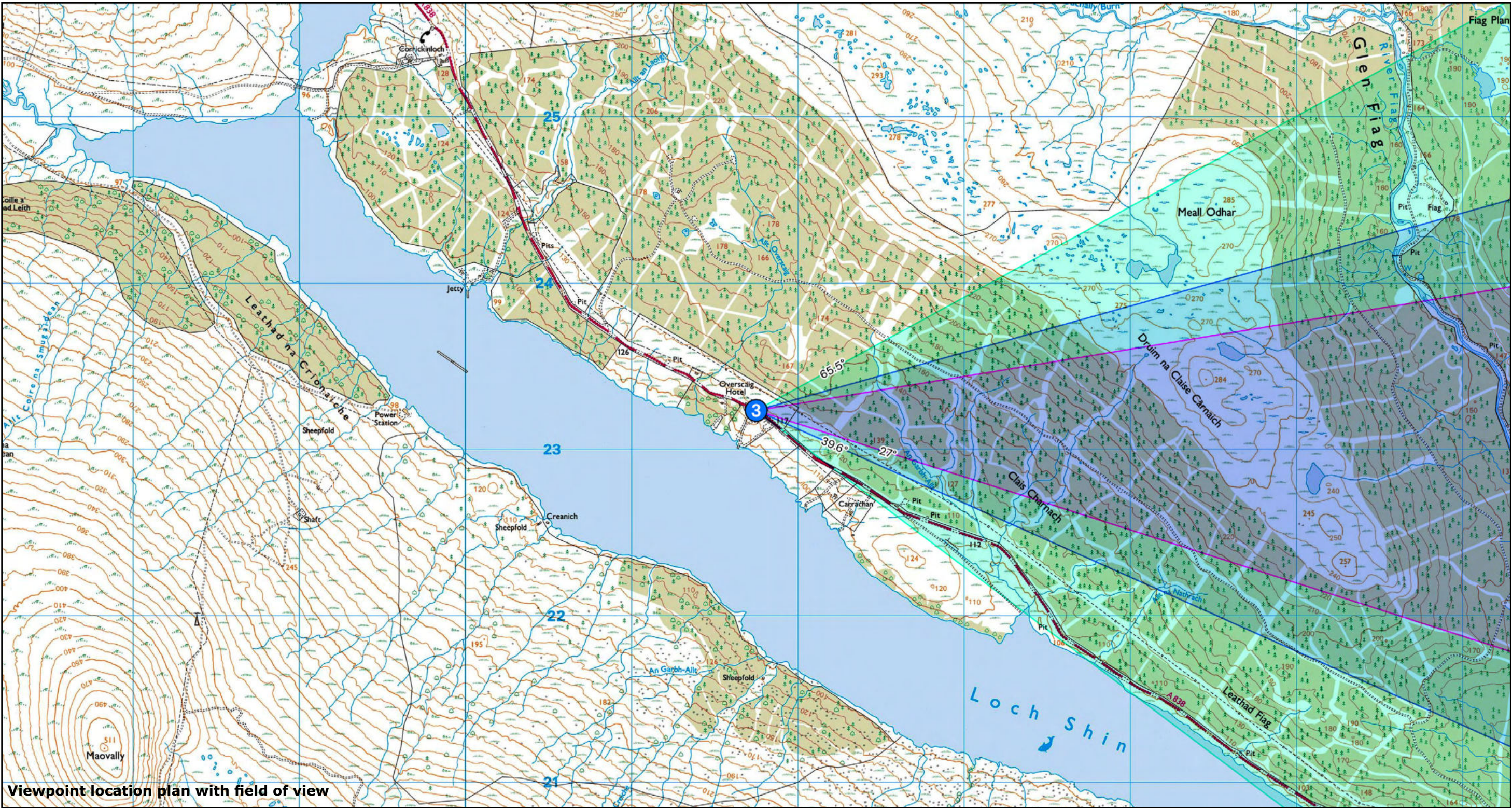
Camera height: 1.5m

Date: 18/09/2024

Time: 16:41

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 3: A838 near Overscaig Hotel



Viewpoint location plan with field of view

Grid Ref: E241749 N923235 Distance to nearest turbine: 3419m (T5) AOD: 117 m

The viewpoint is representative of views from the A838 and from residents within Overscaig.

0 250 500

Meters

Viewpoint 3
A838 near Overscaig Hotel

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage – 65.5°

Viewpoint 3: A838 near Oversaig Hotel

Distance to nearest turbine: 3419m (T5)

Camera: Canon 5D Mk III, FFS

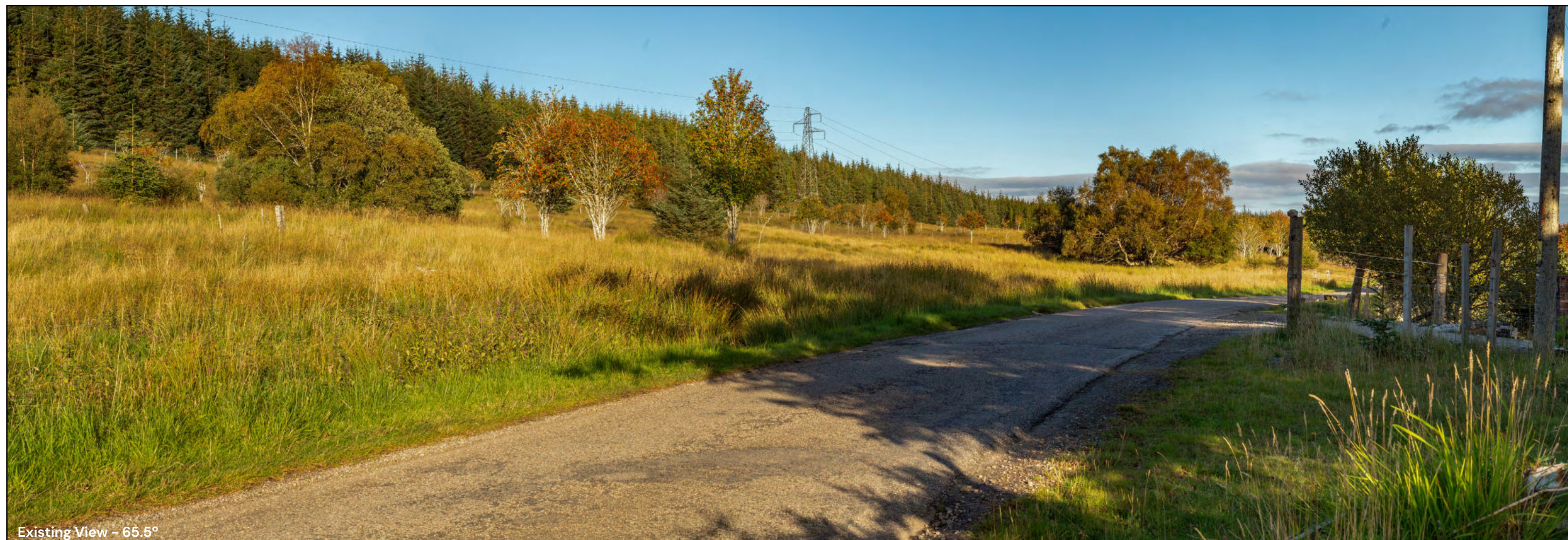
Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°)

Camera height: 1.5m

Date: 05/09/2024

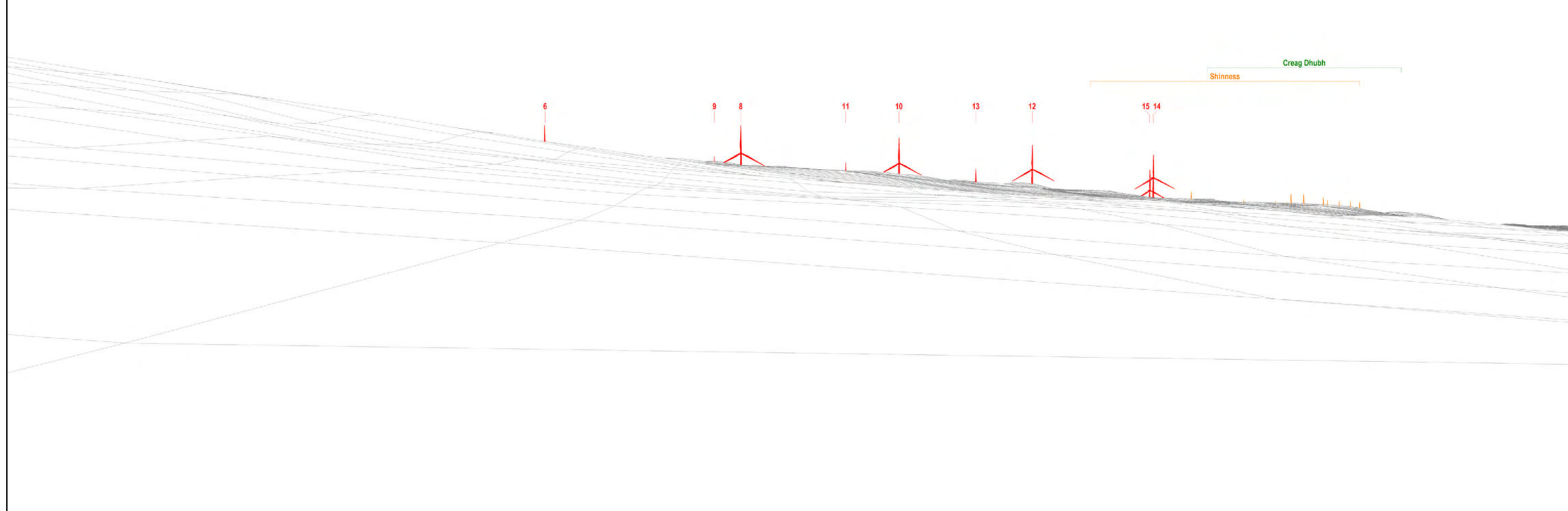
Time: 17:01

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View - 65.5°

Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage – 39.6°

Viewpoint 3: A838 near Overscaig Hotel

Distance to nearest turbine: 3419m (T5)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 05/09/2024

Time: 17:01

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



Revised Photomontage - 27°

Viewpoint 3: A838 near Overscaig Hotel

Distance to nearest turbine: 3419m (T5)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

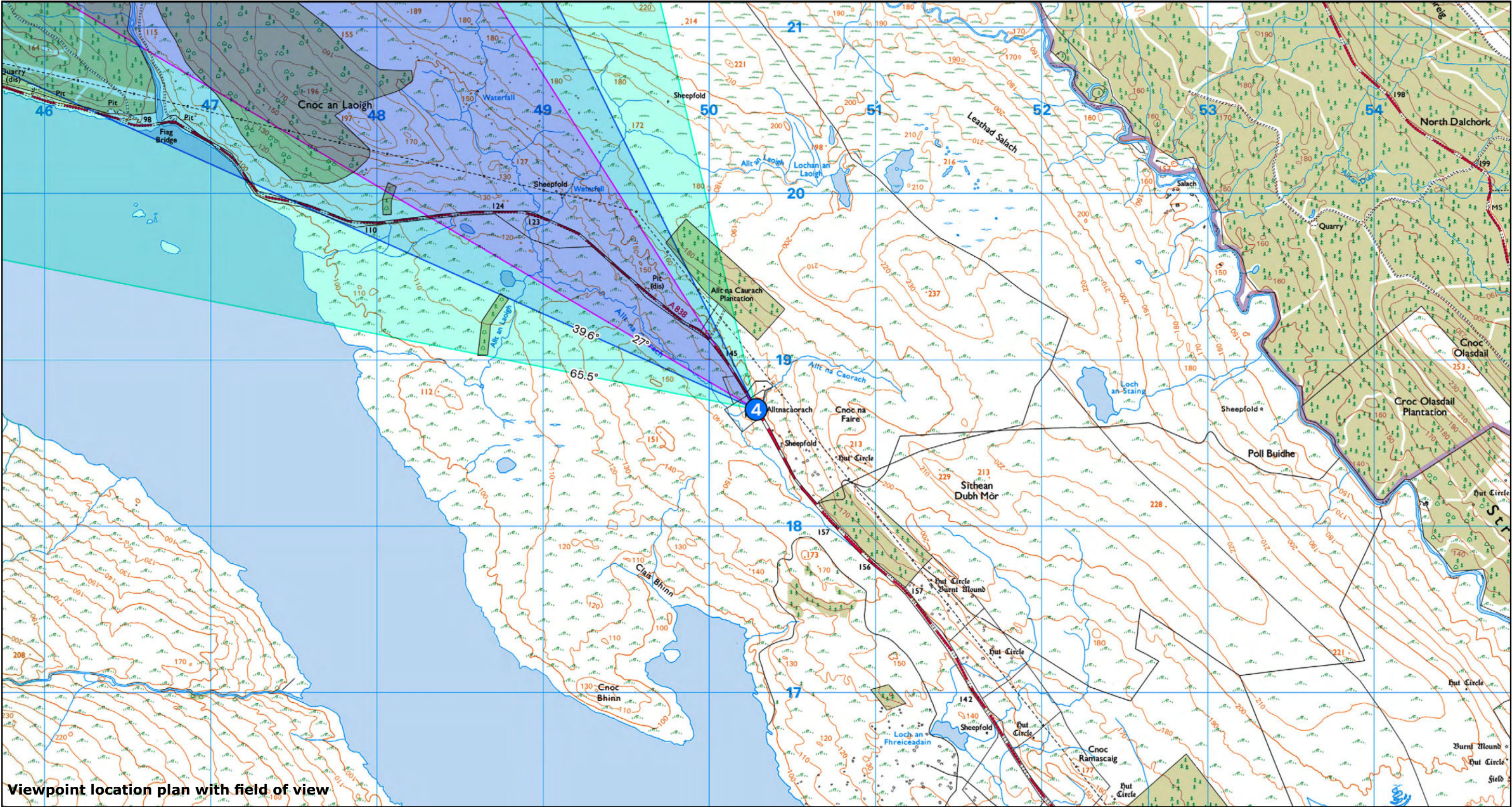
Camera height: 1.5m

Date: 05/09/2024

Time: 17:01

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 4: A838 near Sithean Dubh Mor



Grid Ref: E250282 N918703

Distance to nearest turbine: 4737m (T15)

AOD: 144 m

The viewpoint is representative of views from the A838 and from residents within Overscaig.

0250500

Meters

Viewpoint 4
A838 near Sithean Dubh Mor

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage - 65.5°

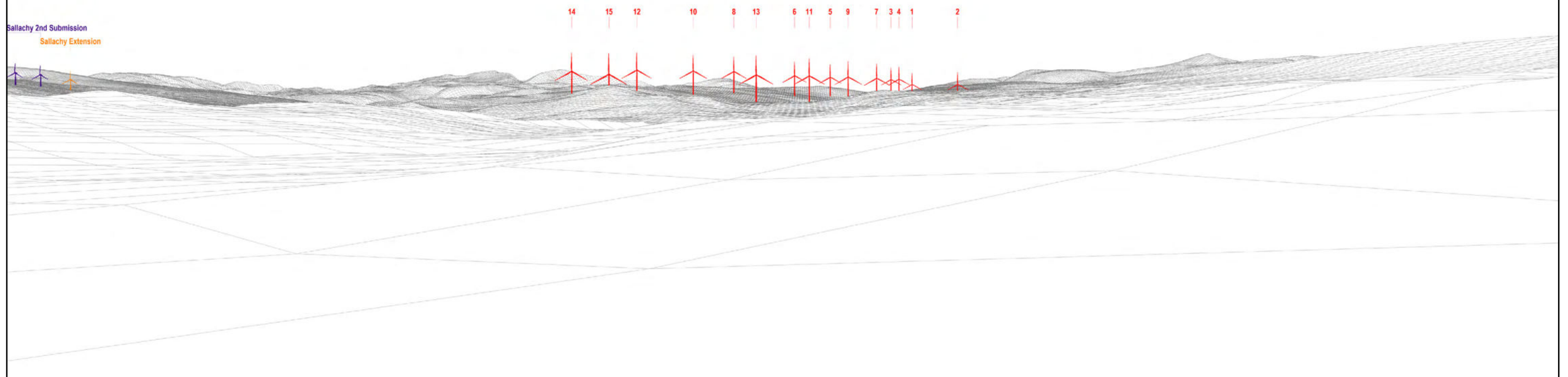
Viewpoint 4: A838 near Sithean Dubh Mor Distance to nearest turbine: 4737m (T15) Camera: Canon 5D Mk III, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 05/09/2024 Time: 15:52

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View - 65.5°

Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage - 39.6°

Viewpoint 4: A838 near Sithean Dubh Mor

Distance to nearest turbine: 4737m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 05/09/2024

Time: 15:52

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

**Viewpoint 4: A838 near Sithean Dubh Mor**

Distance to nearest turbine: 4737m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

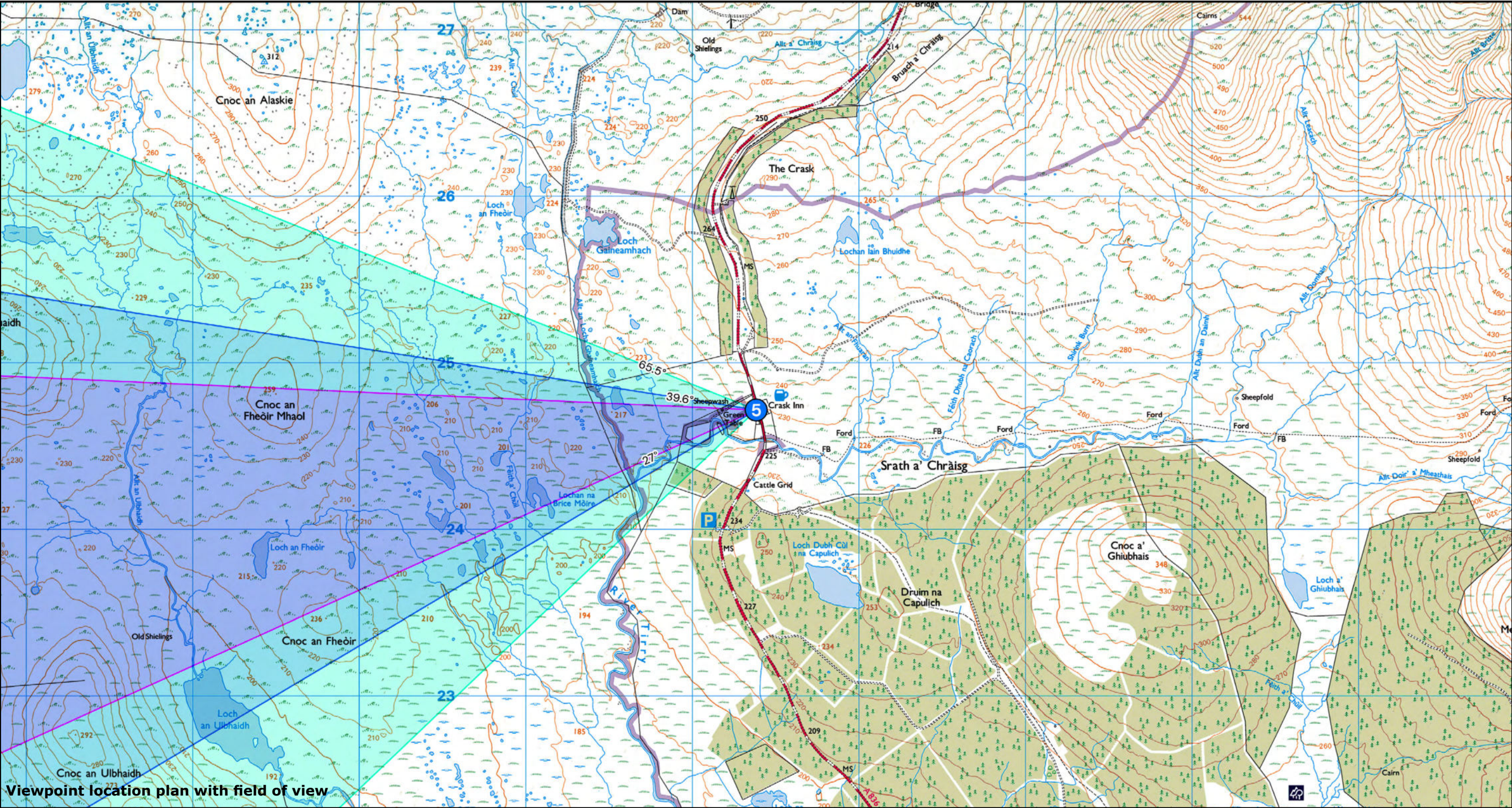
Camera height: 1.5m

Date: 05/09/2024

Time: 15:52

This image should be viewed at a comfortable arm's length (approx. 500mm)

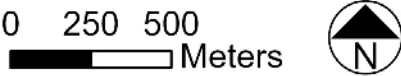
VIEWPOINT 5: A836 near Crask Inn



Grid Ref: E252383 N924718

Distance to nearest turbine: 6367m (T13)

AOD: 227 m



The viewpoint is representative of views from the A836 and forms part of the John O'Groats Cycle Route.

Viewpoint 5
A836 near Crask Inn

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage – 65.5°

Viewpoint 5: A836 near Crask Inn

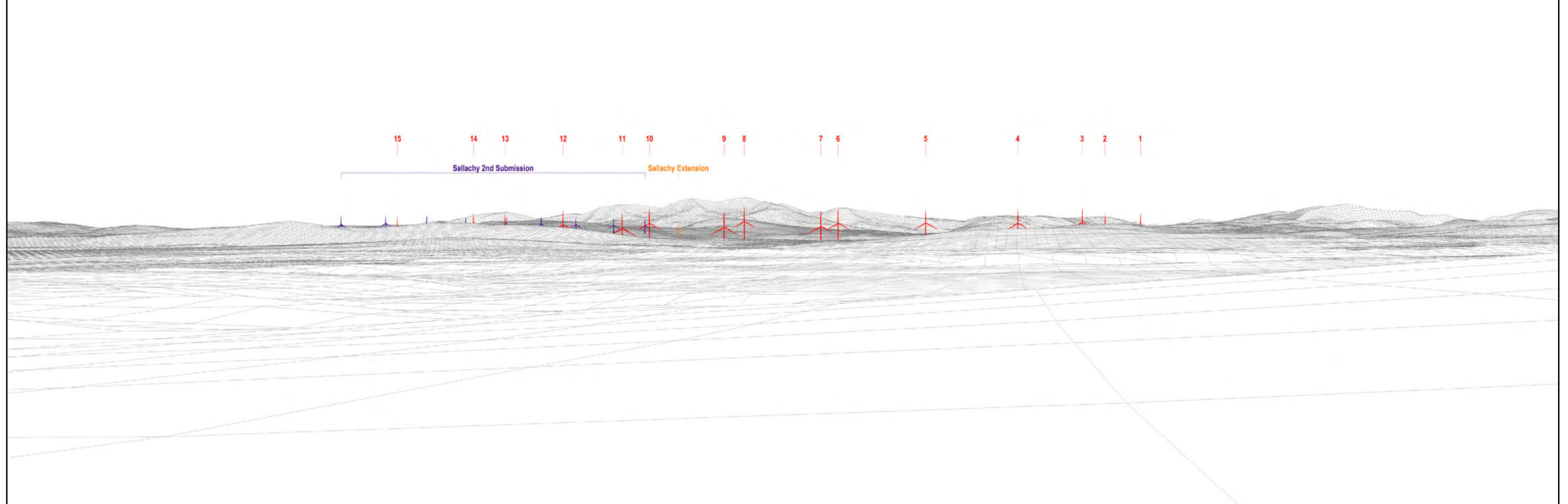
Distance to nearest turbine: 6367m (T13) **Camera:** Canon 5D Mk III, FFS **Focal length:** 50mm vertical (27°) x 28mm horizontal (65.5°) **Camera height:** 1.5m **Date:** 18/09/2024 **Time:** 16:26

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View – 65.5°

Cumulative Wireline – 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage – 39.6°

Viewpoint 5: A836 near Crask Inn

Distance to nearest turbine: 6367m (T13)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 18/09/2024

Time: 16:26

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



Revised Photomontage - 27°

Viewpoint 5: A836 near Crask Inn

Distance to nearest turbine: 6367m (T13)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

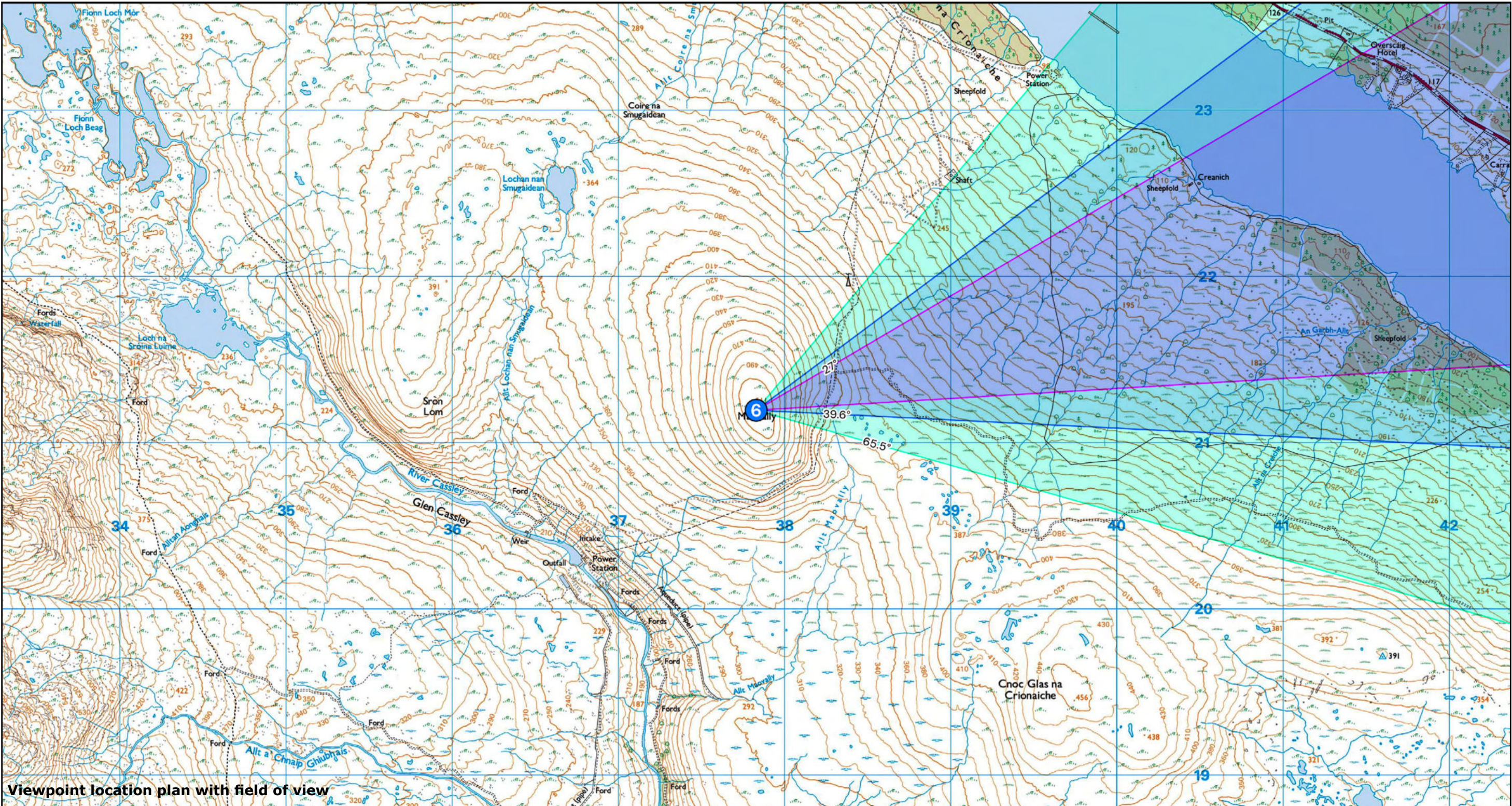
Camera height: 1.5m

Date: 18/09/2024

Time: 16:26

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 6: Maovally



Viewpoint location plan with field of view

Grid Ref: E237829 N921196

Distance to nearest turbine: 7733m (T8)

AOD: 510 m

The viewpoint is representative of walkers visiting the peak of Maovally and the area of wild land.

0 250 500
Meters

Viewpoint 6
Maovally

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage - 65.5°

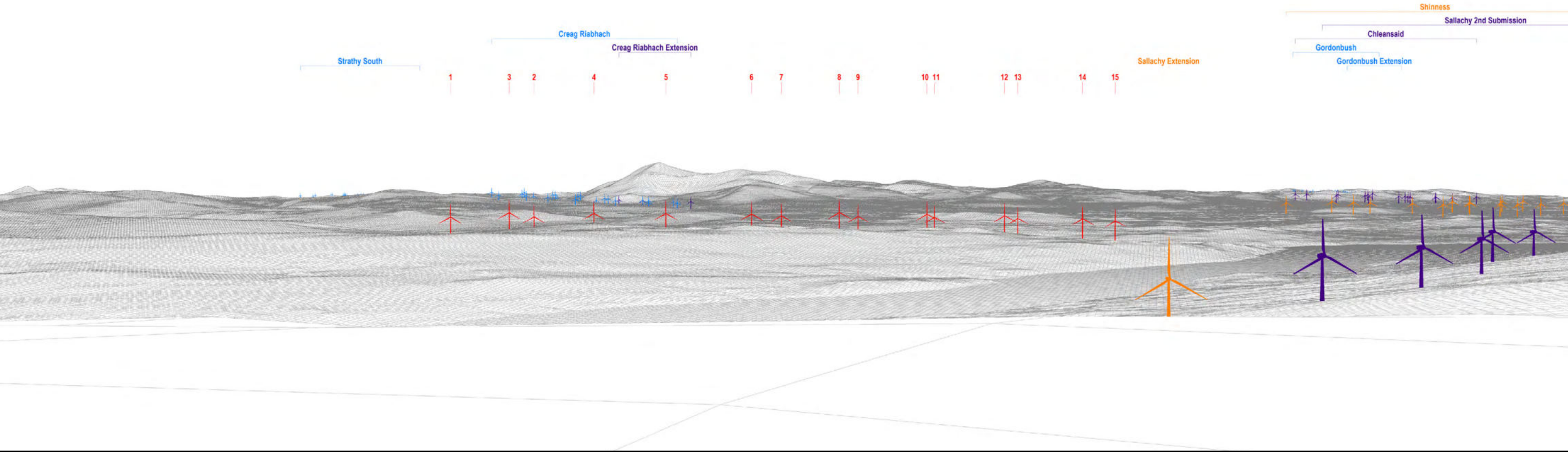
Viewpoint 6: Maovally

Distance to nearest turbine: 7733m (T8) **Camera:** Canon 5D Mk III, FFS **Focal length:** 50mm vertical (27°) x 28mm horizontal (65.5°) **Camera height:** 1.5m **Date:** 20/09/2024 **Time:** 13:30

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage - 39.6°

Viewpoint 6: Maovally

Distance to nearest turbine: 7733m (T8)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 20/09/2024

Time: 13:30

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



Revised Photomontage - 27°

Viewpoint 6: Maovally

Distance to nearest turbine: 7733m (T8)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

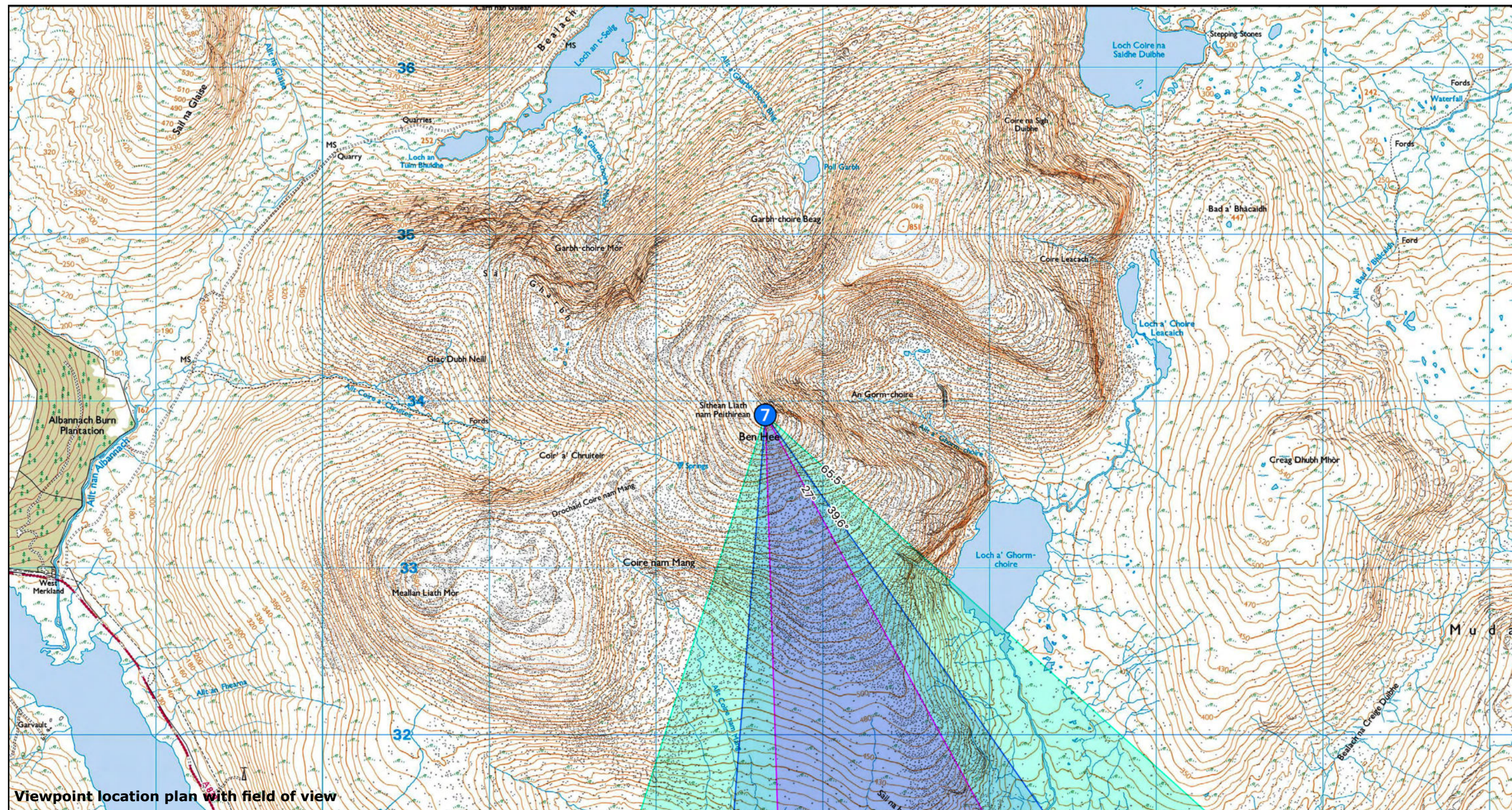
Camera height: 1.5m

Date: 20/09/2024

Time: 13:30

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 7: Ben Hee



Grid Ref: E242655 N933918

Distance to nearest turbine: 8666m (T1)

AOD: 871 m



The viewpoint is representative of walkers visiting the peak of Ben Hee and the area of wild land.

Viewpoint 7
Ben Hee

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage – 65.5°

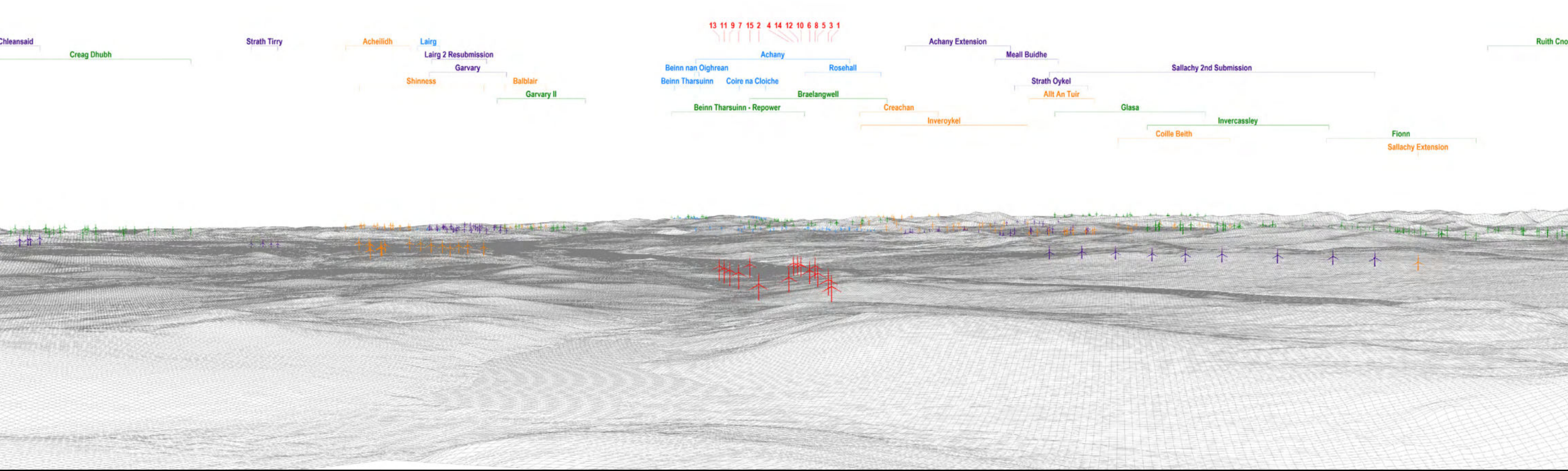
Viewpoint 7: Ben Hee

Distance to nearest turbine: 8666m (T1) Camera: Nikon Z 6 II, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 18/09/2024 Time: 12:17

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage - 39.6°

Viewpoint 7: Ben Hee

Distance to nearest turbine: 8666m (T1)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 18/09/2024

Time: 12:17

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



Revised Photomontage – 27°

Viewpoint 7: Ben Hee

Distance to nearest turbine: 8666m (T1)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

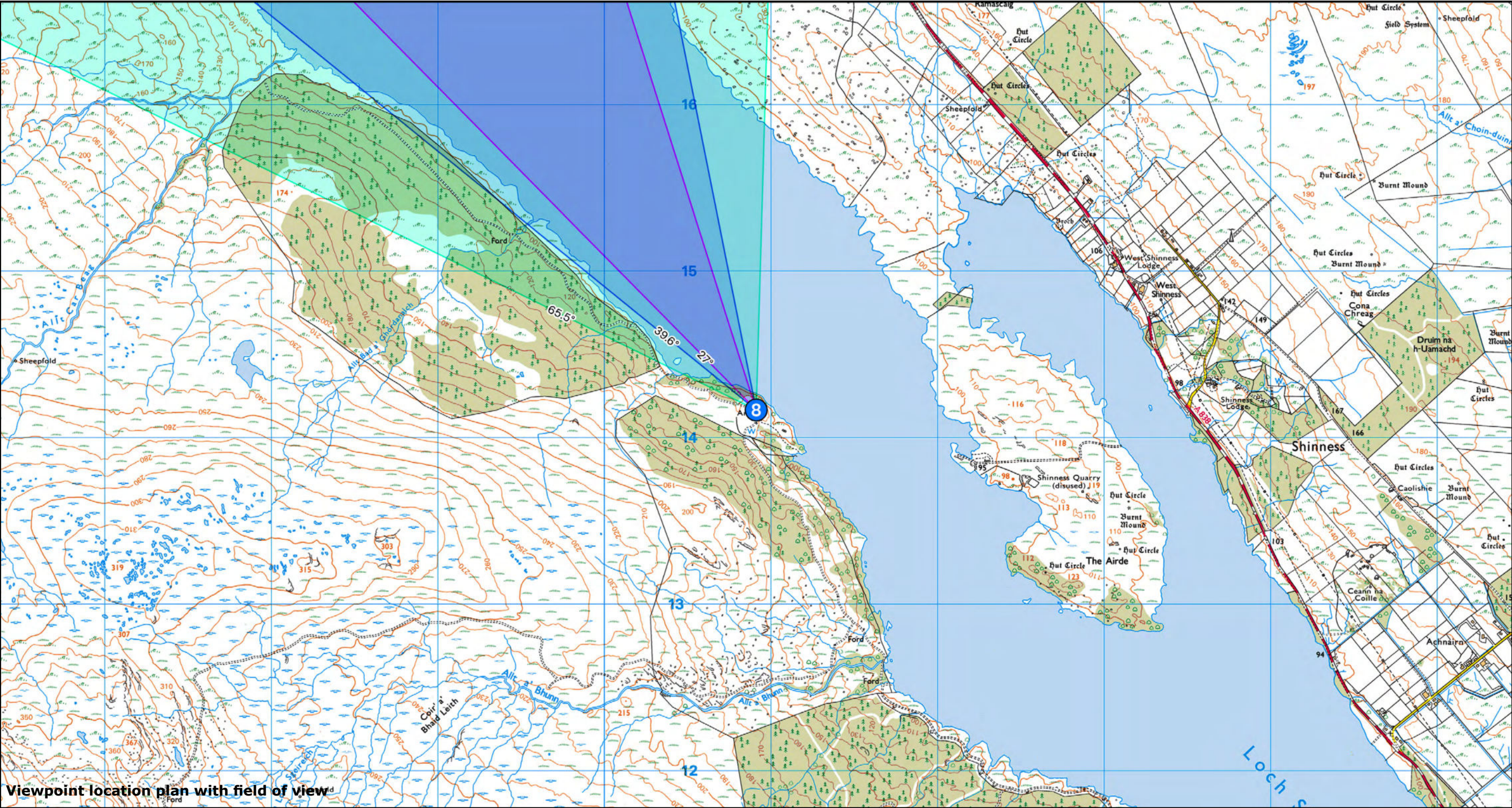
Camera height: 1.5m

Date: 18/09/2024

Time: 12:17

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 8: Ariscaig



Viewpoint location plan with field of view

Grid Ref: E250911 N914167 Distance to nearest turbine: 8566m (T15) AOD: 116 m

0 250 500
Meters

Viewpoint 8
Ariscaig

Coille Linne Wind Farm FEI

The viewpoint is representative of residents scattered along the south-western edge of Loch Shin, as well as those walking along the shoreline and visiting the wild land area.

Extent of 50mm single frame image



Viewpoint 8: Arscaig

Distance to nearest turbine: 8566m (T15) **Camera:** Nikon Z 6 II, FFS **Focal length:** 50mm vertical (27°) x 28mm horizontal (65.5°) **Camera height:** 1.5m **Date:** 16/09/2024 **Time:** 14:58

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage – 39.6°

Viewpoint 8: Arscaig

Distance to nearest turbine: 8566m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 16/09/2024

Time: 14:58

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

**Viewpoint 8: Arscaig**

Distance to nearest turbine: 8566m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

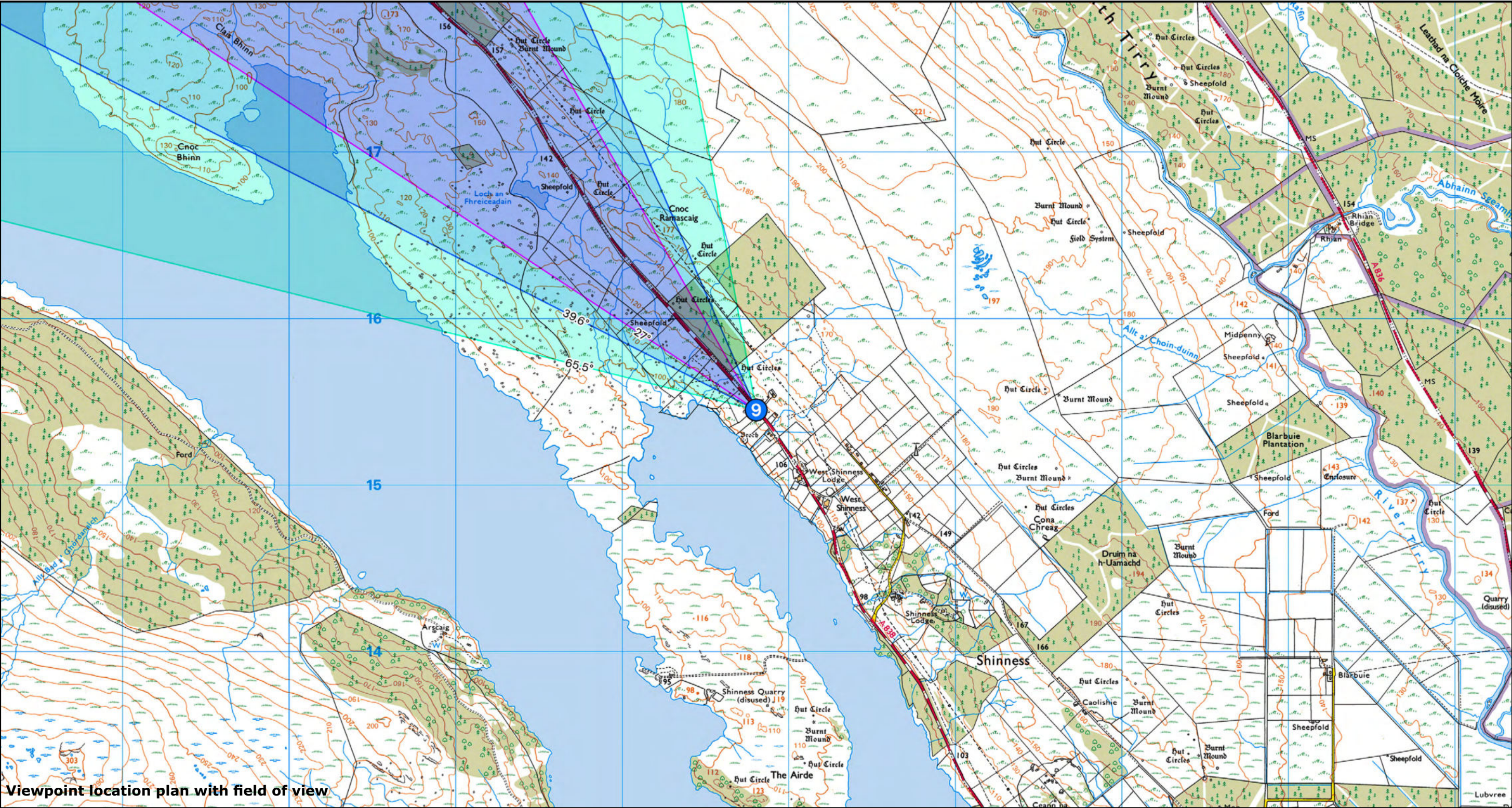
Camera height: 1.5m

Date: 16/09/2024

Time: 14:58

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 9: A838 near West Shinness Lodge



Viewpoint location plan with field of view

Grid Ref: E252804 N915452

Distance to nearest turbine: 8762m (T15)

AOD: 115 m

0250500

Meters

N

Viewpoint 9
A838 near West Shinness Lodge

Coille Linne Wind Farm FEI

The viewpoint is representative of views from the A838, and of residents of Achnairn and residential properties aligning the road.

Extent of 50mm single frame image



Revised Photomontage – 65.5°

Viewpoint 9: A838 near West Shinness Lodge

Distance to nearest turbine: 8762m (T15)

Camera: Canon 5D Mk III, FFS

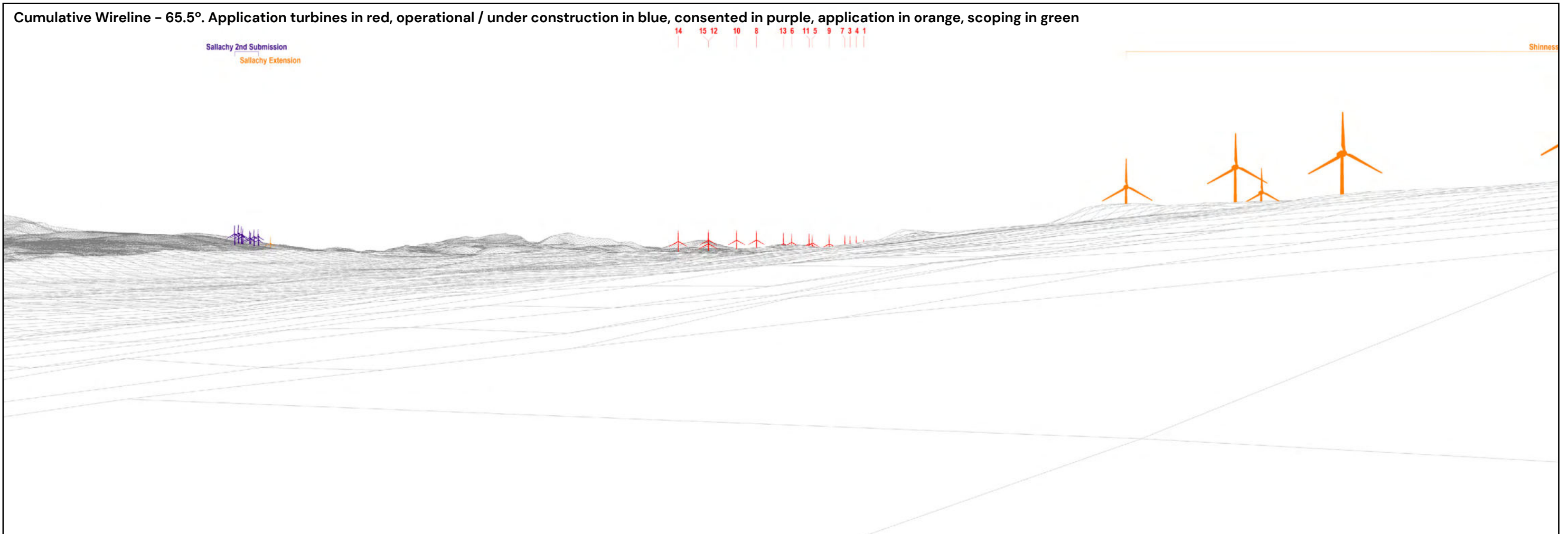
Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°)

Camera height: 1.5m

Date: 05/09/2024

Time: 15:34

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



**Viewpoint 9: A838 near West Shinness Lodge****Distance to nearest turbine:** 8762m (T15)**Camera:** Canon 5D Mk III, FFS**Focal length:** 50mm**Camera height:** 1.5m**Date:** 05/09/2024**Time:** 15:34

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



Revised Photomontage – 27°

Viewpoint 9: A838 near West Shinness Lodge

Distance to nearest turbine: 8762m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

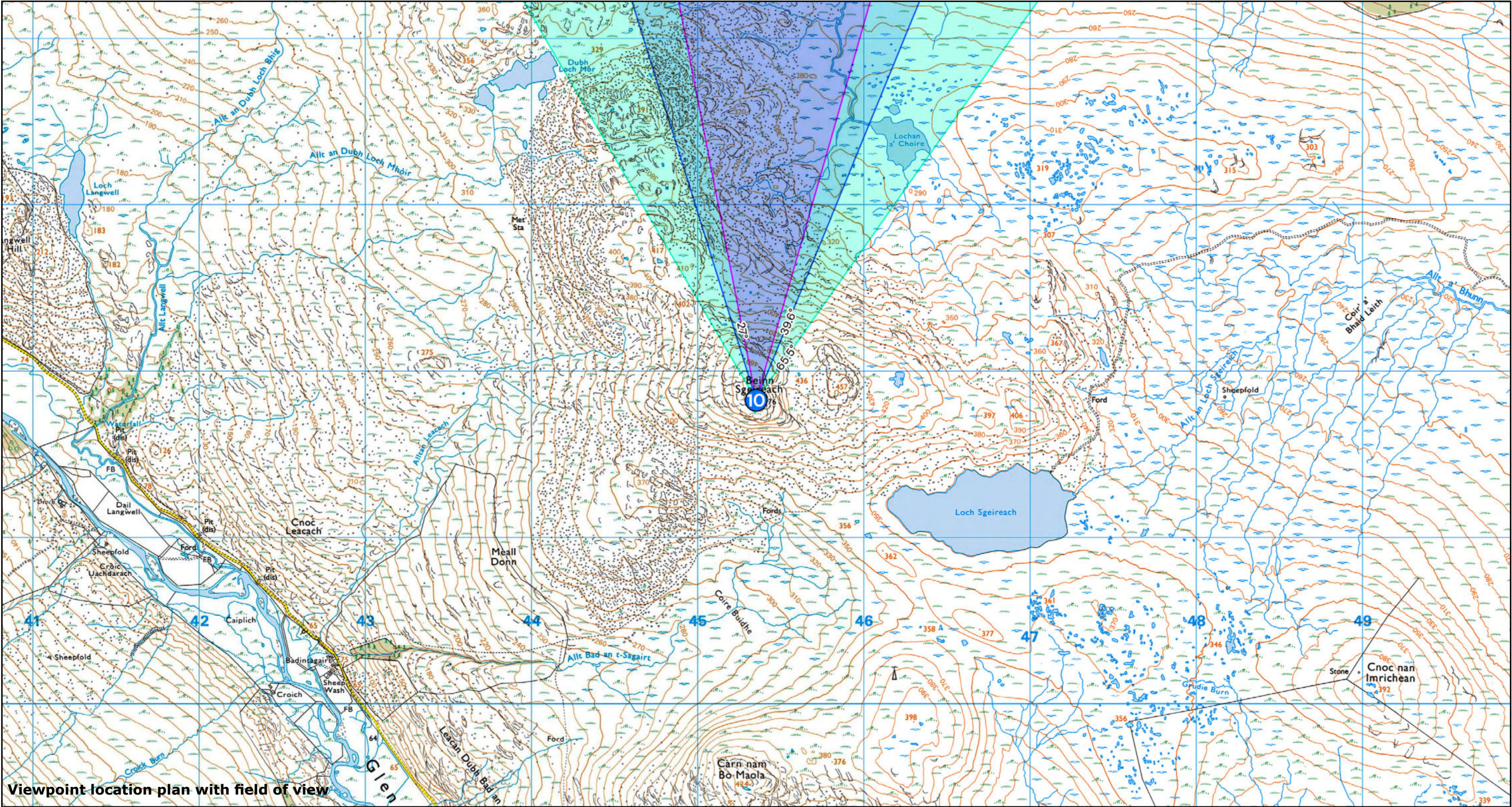
Camera height: 1.5m

Date: 05/09/2024

Time: 15:34

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 10: Ben Sgeireach



Grid Ref: E245352 N911826 Distance to nearest turbine: 9709m (T15) AOD: 476 m

The viewpoint is representative of walkers visiting the peak of Ben Sgeireach and the area of wild land.

0 250 500
Meters

Viewpoint 10
Ben Sgeireach

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Viewpoint 10: Ben Sgeireach

Distance to nearest turbine: 9709m (T15) Camera: Nikon Z 6 II, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 01/04/2025 Time: 11:56

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



**Viewpoint 10: Ben Sgeireach**

Distance to nearest turbine: 9709m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 01/04/2025

Time: 11:56

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

**Viewpoint 10: Ben Sgeireach**

Distance to nearest turbine: 9709m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

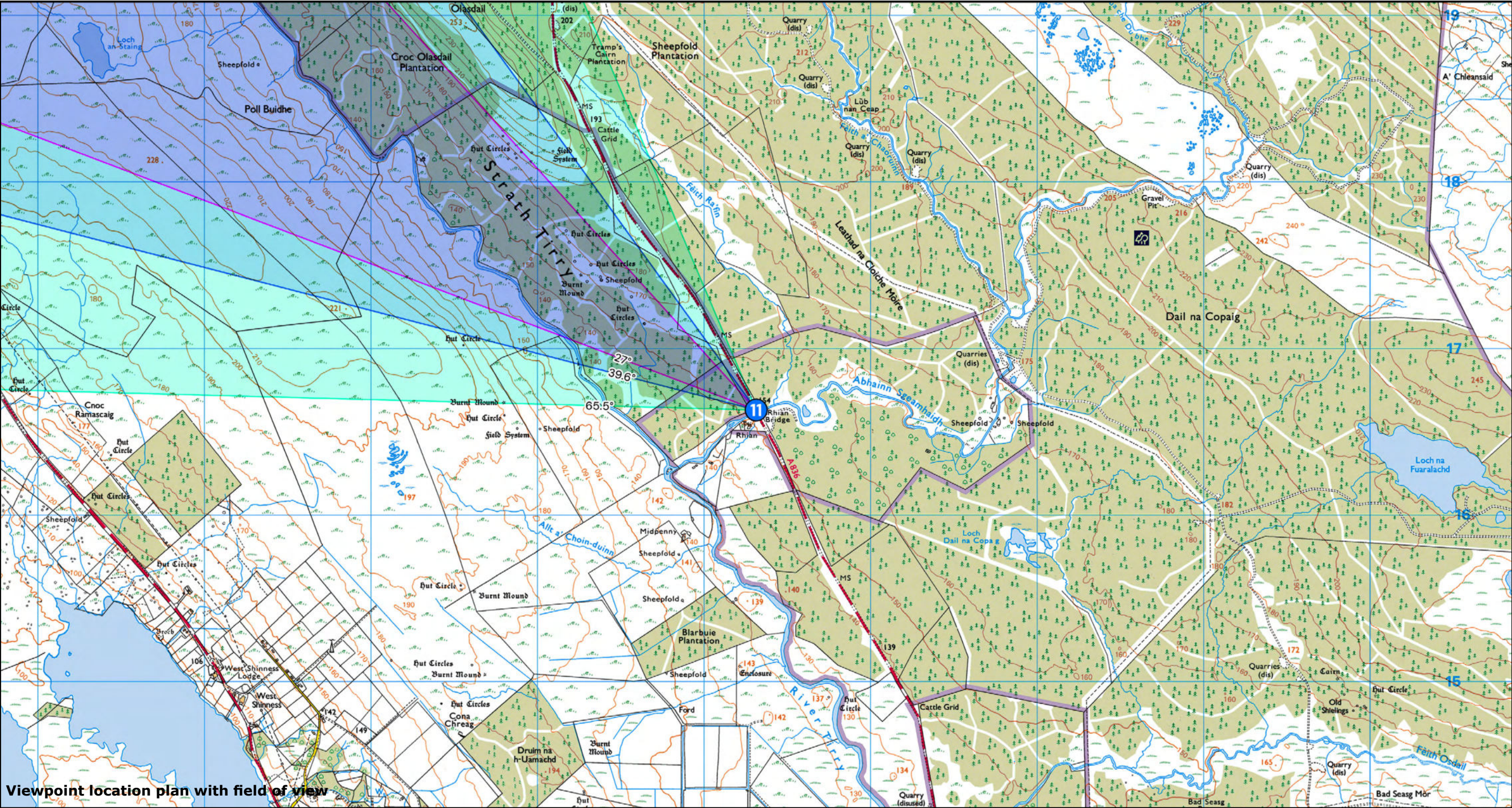
Camera height: 1.5m

Date: 01/04/2025

Time: 11:56

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 11: A836 Rhian Bridge



Grid Ref: E256313 N916632 Distance to nearest turbine: 10997m (T15) AOD: 151 m

The viewpoint is representative of views from the A836 and forms part of the John O’Groats Cycle Route.

0250500

Meters

Viewpoint 11
A836 Rhian Bridge

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage - 65.5°

Viewpoint 11: A836 Rhian Bridge

Distance to nearest turbine: 10997m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°)

Camera height: 1.5m

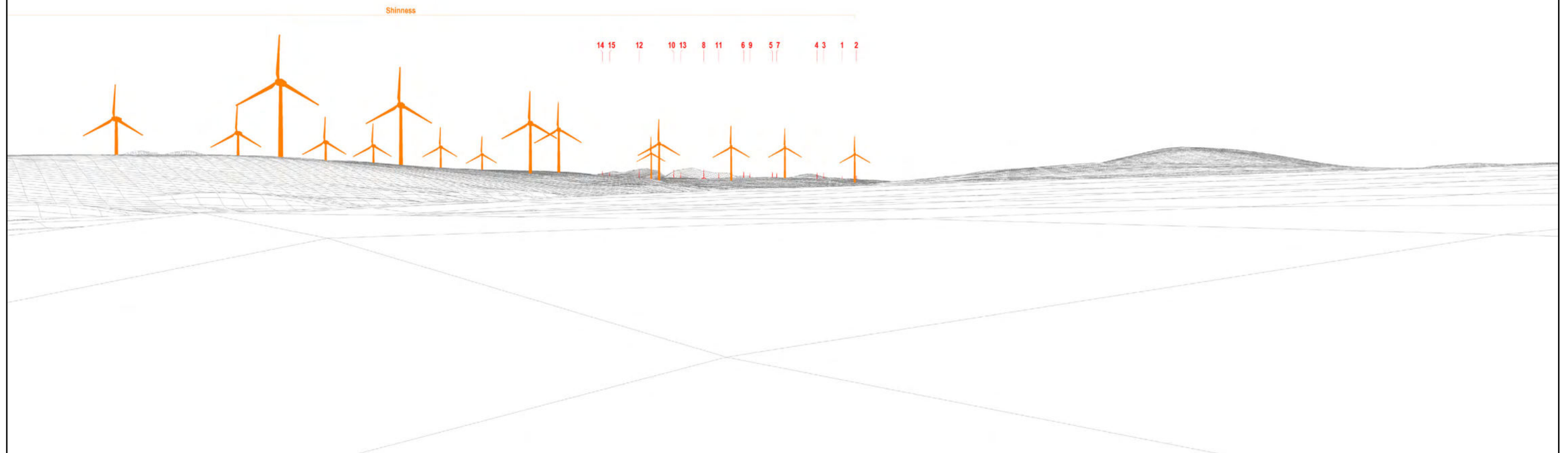
Date: 06/08/2024

Time: 15:25

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



**Viewpoint 11: A836 Rhian Bridge****Distance to nearest turbine:** 10997m (T15)**Camera:** Canon 5D Mk III, FFS**Focal length:** 50mm**Camera height:** 1.5m**Date:** 06/08/2024**Time:** 15:25

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

**Viewpoint 11: A836 Rhian Bridge**

Distance to nearest turbine: 10997m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

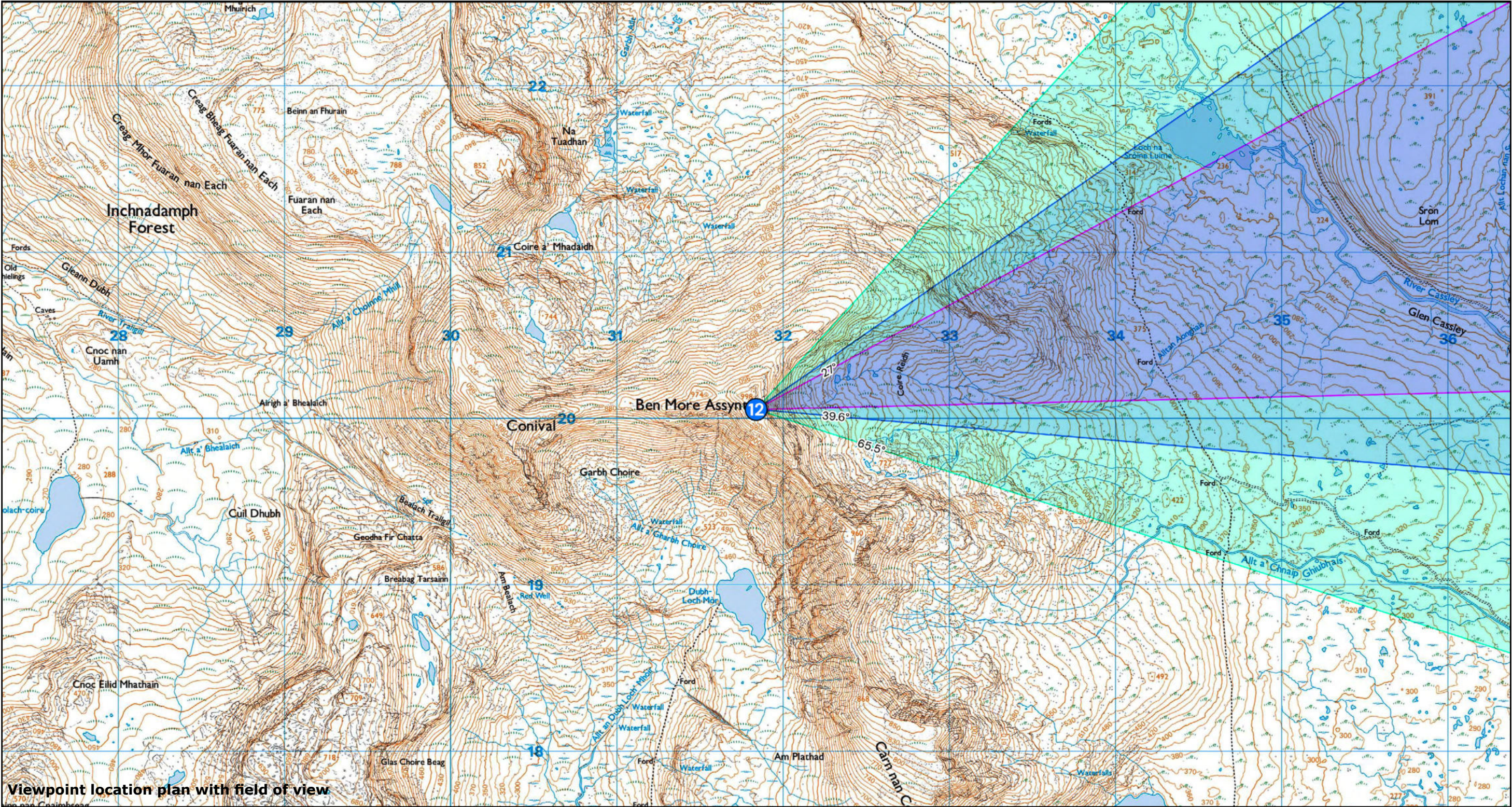
Camera height: 1.5m

Date: 06/08/2024

Time: 15:25

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 12: Ben More Assynt



Viewpoint location plan with field of view

Grid Ref: E231838 N920055 Distance to nearest turbine: 13825m (T8) AOD: 994 m

0 250 500

Meters

N

Viewpoint 12
Ben More Assynt

Coille Linne Wind Farm FEI

The viewpoint is representative of walkers visiting the peak of Ben More Assynt and the area of wild land.

Extent of 50mm single frame image



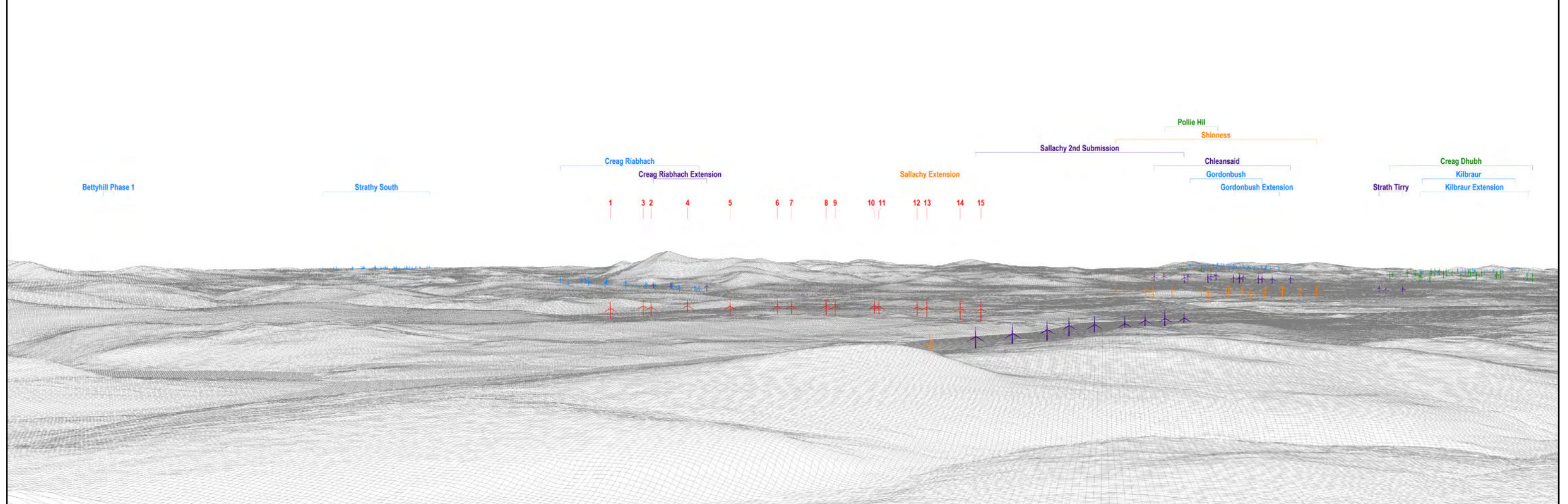
Viewpoint 12: Ben More Assynt

Distance to nearest turbine: 13825m (T8) **Camera:** Nikon Z 6 II, FFS **Focal length:** 50mm vertical (27°) x 28mm horizontal (65.5°) **Camera height:** 1.5m **Date:** 07/09/2024 **Time:** 13:38

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



**Viewpoint 12: Ben More Assynt**

Distance to nearest turbine: 13825m (T8)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 07/09/2024

Time: 13:38

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



Revised Photomontage – 27°

Viewpoint 12: Ben More Assynt

Distance to nearest turbine: 13825m (T8)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

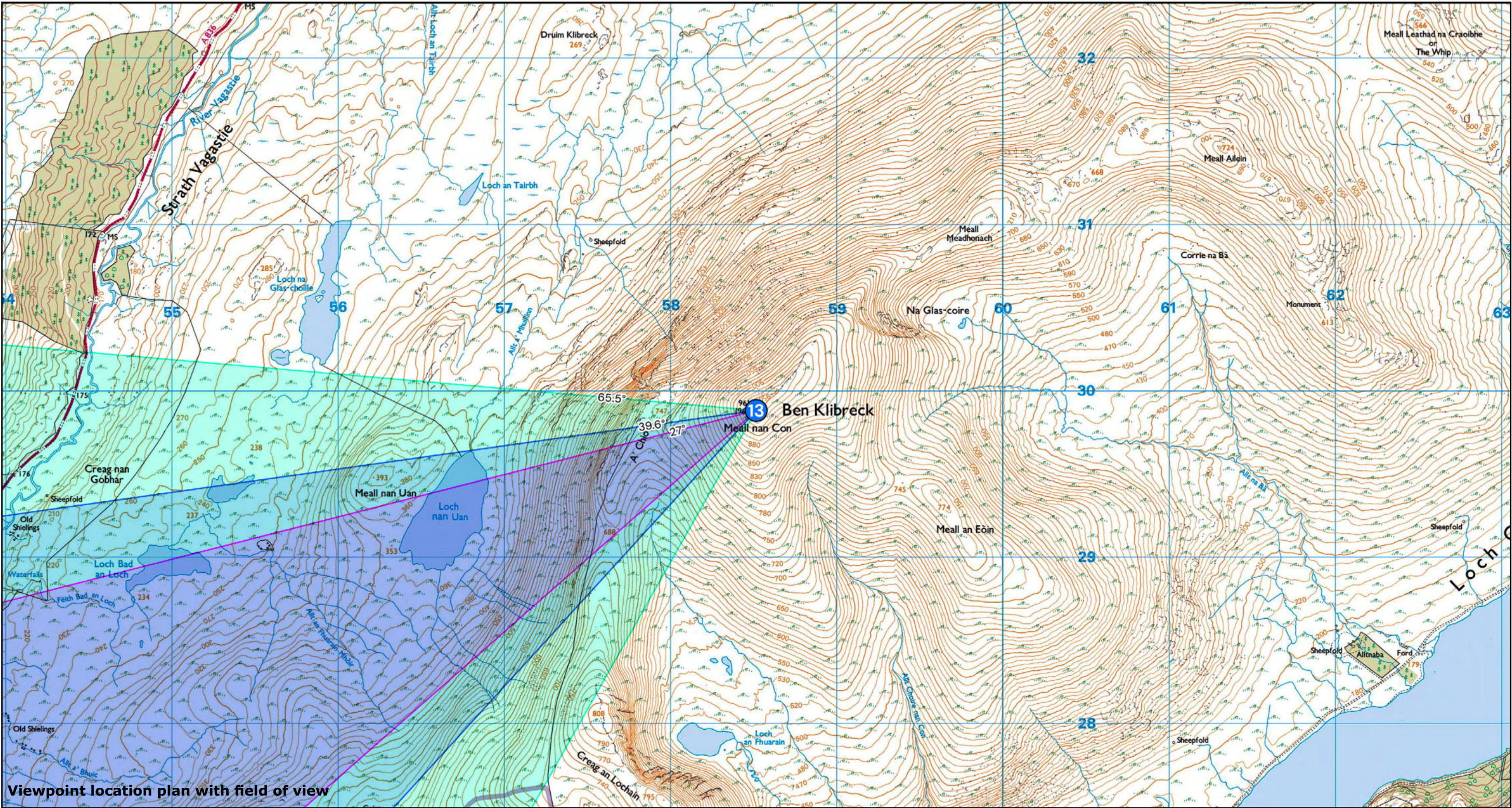
Camera height: 1.5m

Date: 07/09/2024

Time: 13:38

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 13: Ben Klibreck (Meall nan Con)

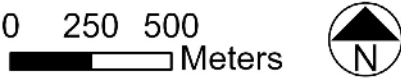


Viewpoint location plan with field of view

Grid Ref: E258515 N929883

Distance to nearest turbine: 14078m (T2)

AOD: 955 m



The viewpoint is representative of walkers visiting the peak of Meall nan Con at Ben Klibreck and the area of wild land.

Viewpoint 13
Ben Klibreck (Meall nan Con)

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage – 65.5°

Viewpoint 13: Ben Klibreck (Meall nan Con)

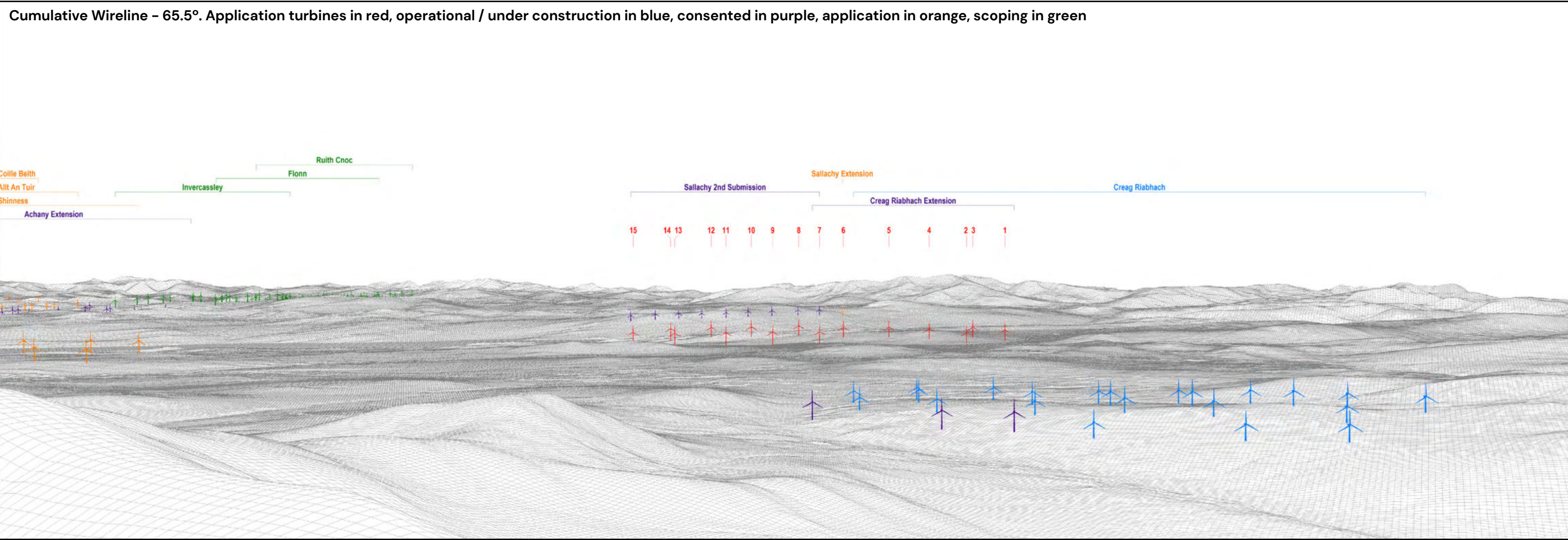
Distance to nearest turbine: 14078m (T2) Camera: Canon 5D Mk III, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 18/09/2024 Time: 12:32

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View – 65.5°

Cumulative Wireline – 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage - 39.6°

Viewpoint 13: Ben Klibreck (Meall nan Con)

Distance to nearest turbine: 14078m (T2)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 18/09/2024

Time: 12:32

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



Revised Photomontage – 27°

Viewpoint 13: Ben Klibreck (Meall nan Con)

Distance to nearest turbine: 14078m (T2)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

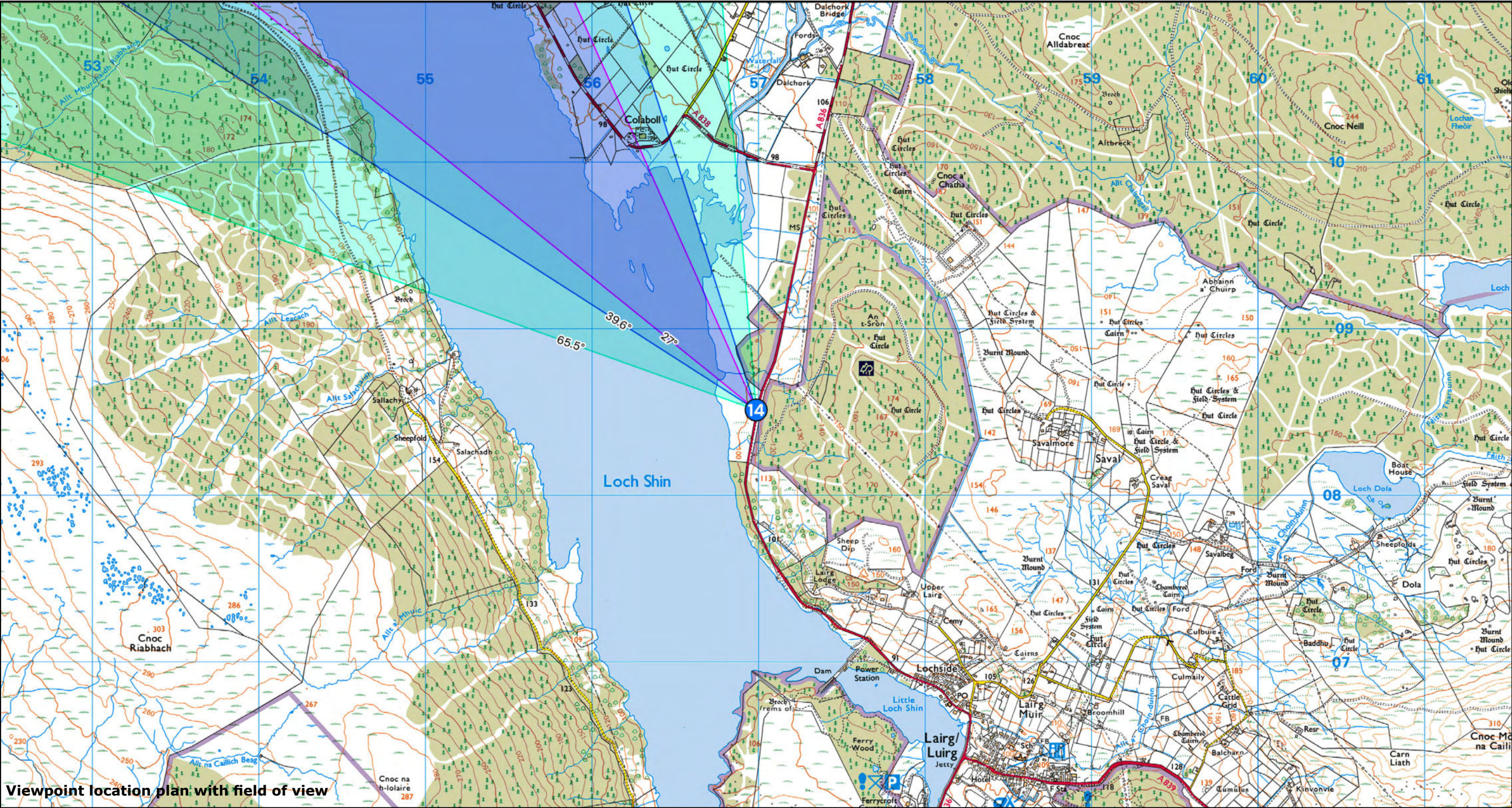
Camera height: 1.5m

Date: 18/09/2024

Time: 12:32

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 14: A836 near An t-Sron



Grid Ref: E256986 N908513 Distance to nearest turbine: 16710m (T15) AOD: 105 m

The viewpoint is representative of views from the A836 and forms part of the John O’Groats Cycle Route.

0 250 500
Meters

Viewpoint 14
A836 near An t-Sron

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage ~ 65.5°

Viewpoint 14: A836 near An t-Sron

Distance to nearest turbine: 16710m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°)

Camera height: 1.5m

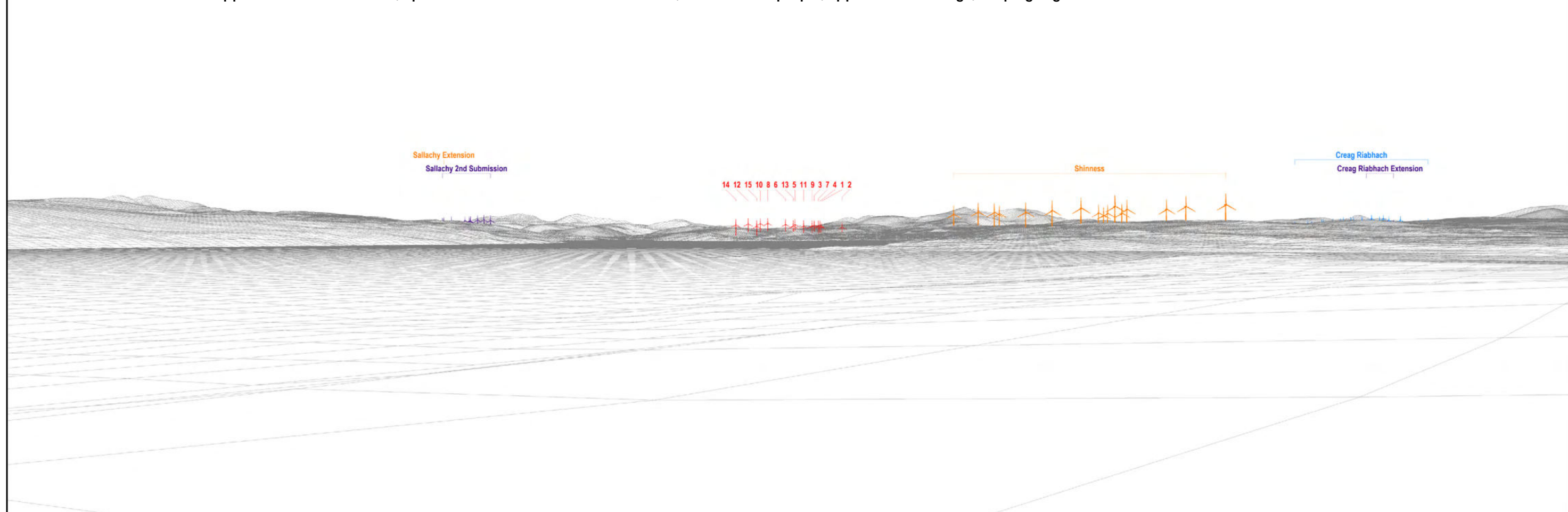
Date: 05/09/2024

Time: 15:03

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Viewpoint 14: A836 near An t-Sron

Distance to nearest turbine: 16710m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 05/09/2024

Time: 15:03

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



Revised Photomontage – 27°

Viewpoint 14: A836 near An t-Sron

Distance to nearest turbine: 16710m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 75mm

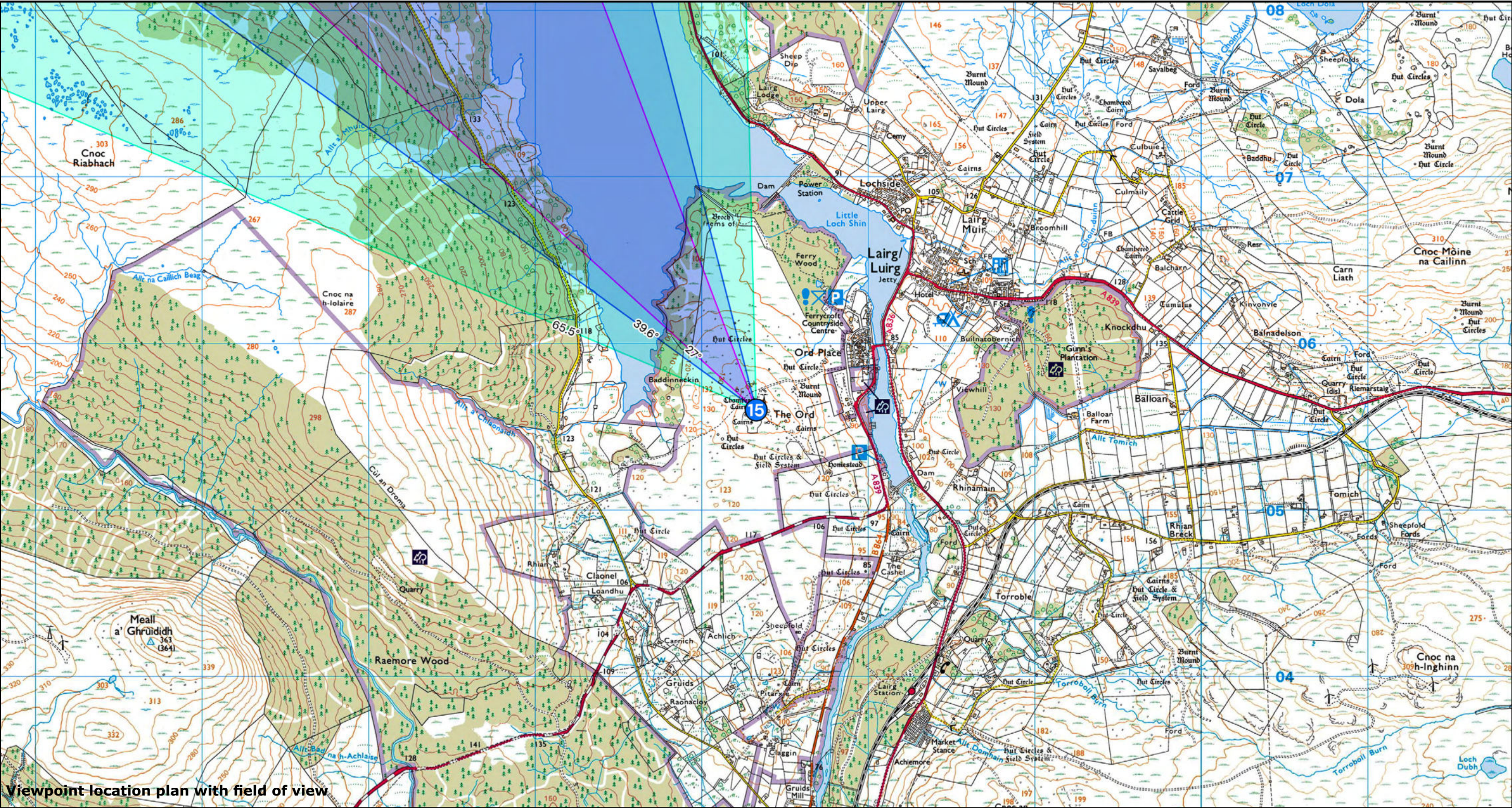
Camera height: 1.5m

Date: 05/09/2024

Time: 15:03

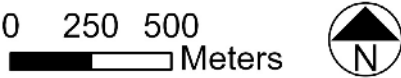
This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 15: The Ord



Viewpoint location plan with field of view

Grid Ref: E257327 N905602 Distance to nearest turbine: 19247m (T15) AOD: 153 m



The viewpoint is representative of walkers visiting The Ord and of those visiting the chambered cairn at the peak of the hill.

Viewpoint 15
The Ord

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage - 65.5°

Viewpoint 15: The Ord

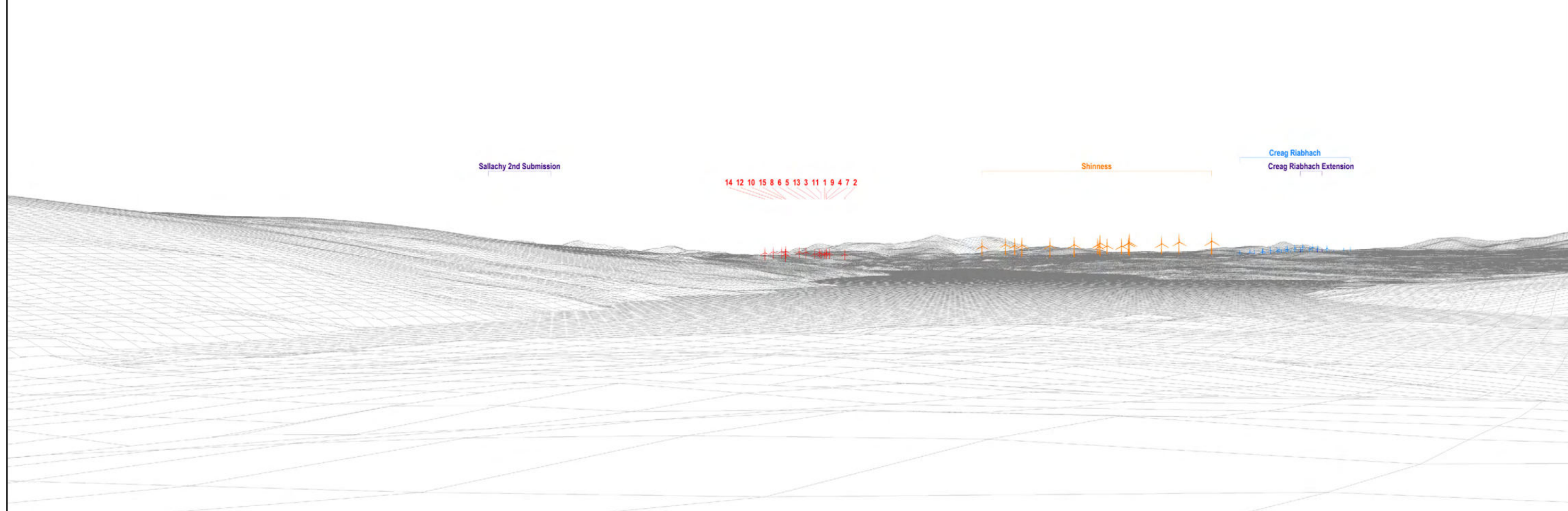
Distance to nearest turbine: 19247m (T15) Camera: Nikon Z 6 II, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 06/08/2024 Time: 13:46

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View - 65.5°

Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



**Viewpoint 15: The Ord**

Distance to nearest turbine: 19247m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 06/08/2024

Time: 13:46

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



Revised Photomontage – 27°

Viewpoint 15: The Ord

Distance to nearest turbine: 19247m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

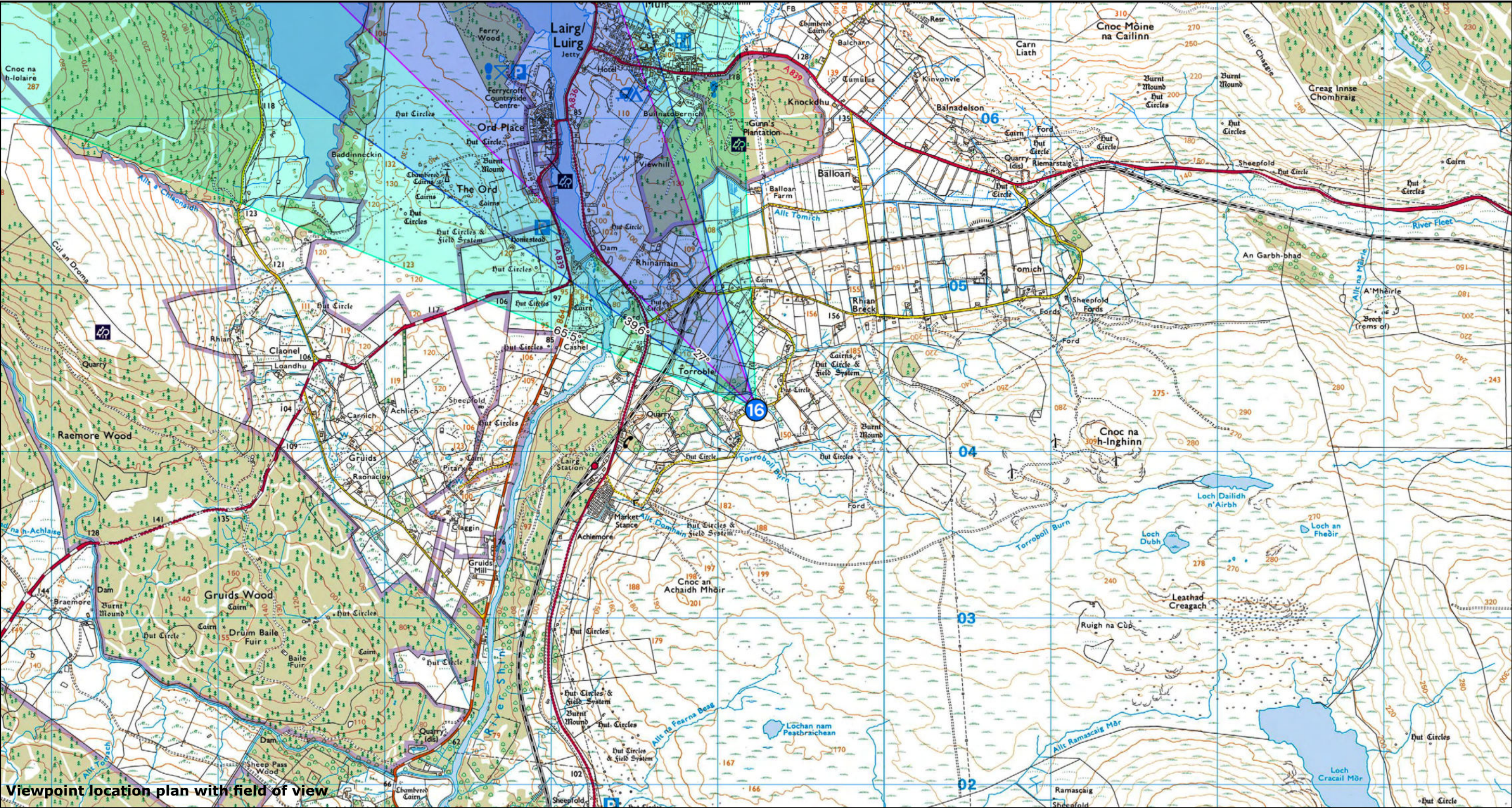
Camera height: 1.5m

Date: 06/08/2024

Time: 13:46

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 16: Torroble



Viewpoint location plan with field of view

Grid Ref: E259231 N904250

Distance to nearest turbine: 21454m (T15)

AOD: 138 m

The viewpoint is representative of views from those travelling along the minor road and residents within the crofting settlement of Torroble, which is located to the south-east of Lairg.

0250500

Meters

Viewpoint 16
Torroble

Coille Linne Wind Farm FEI

Extent of 50mm single frame image

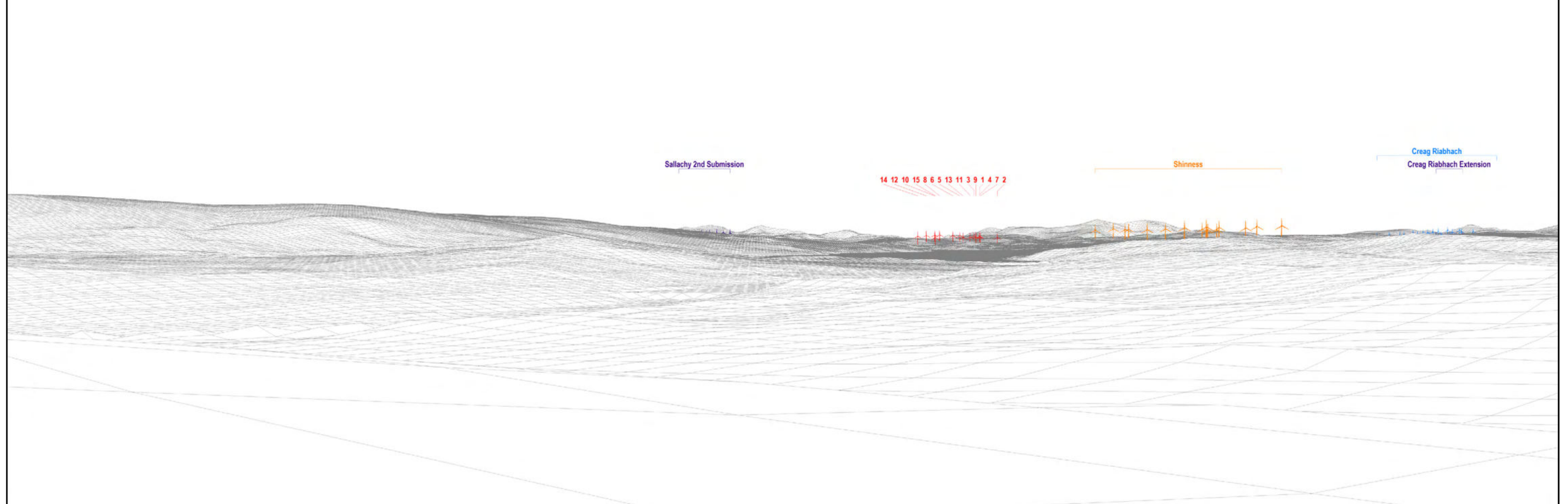


Viewpoint 16: Torroble Distance to nearest turbine: 21454m (T15) Camera: Nikon Z 6 II, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 01/04/2025 Time: 09:37

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage – 39.6°

Viewpoint 16: Torroble

Distance to nearest turbine: 21454m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 01/04/2025

Time: 09:37

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



Revised Photomontage – 27°

Viewpoint 16: Torroble

Distance to nearest turbine: 21454m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

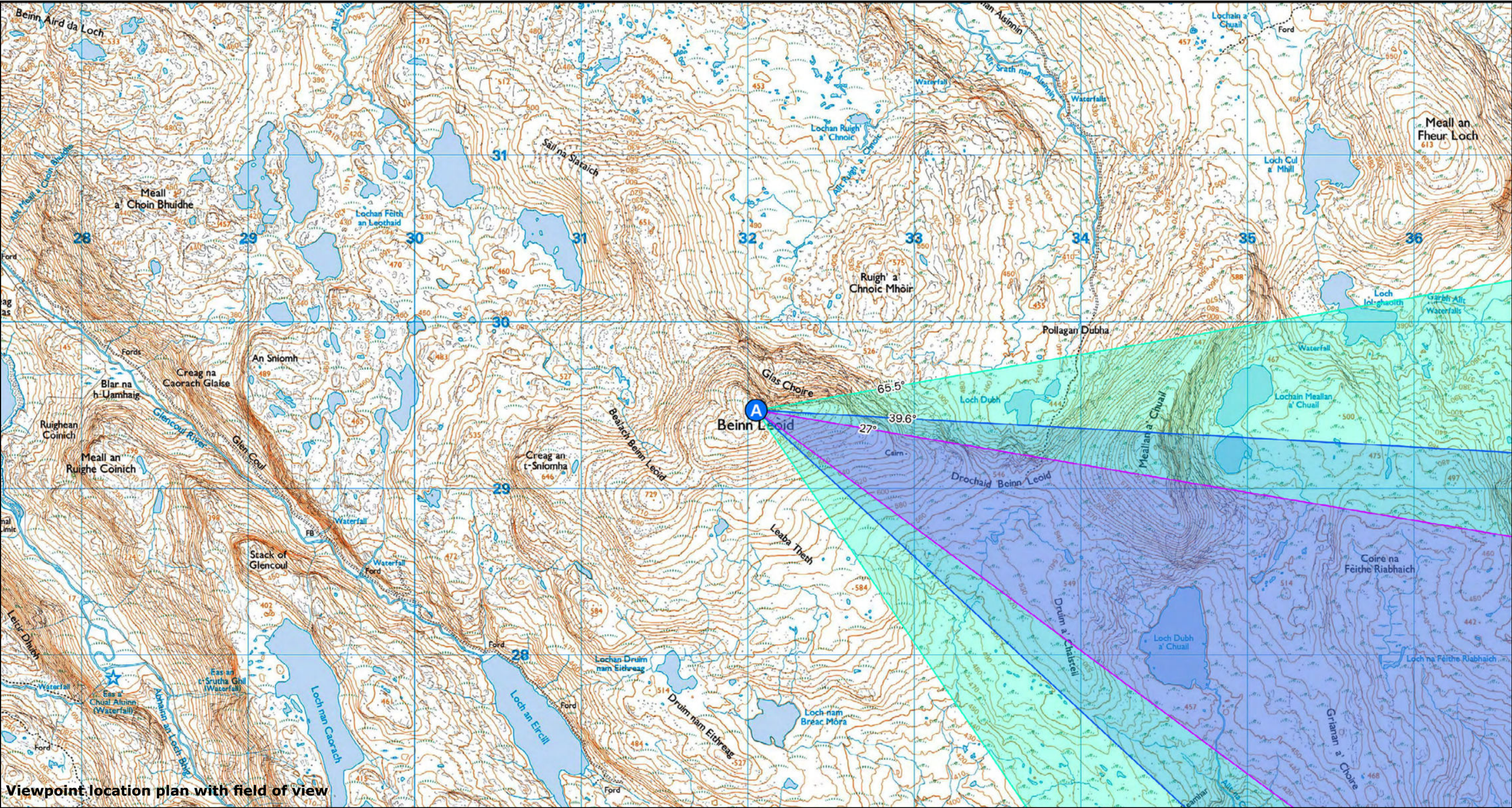
Camera height: 1.5m

Date: 01/04/2025

Time: 09:37

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT A: Beinn Leoid



Viewpoint location plan with field of view

Grid Ref: E232050 N929470 Distance to nearest turbine: 13187m (T1) AOD: 789 m

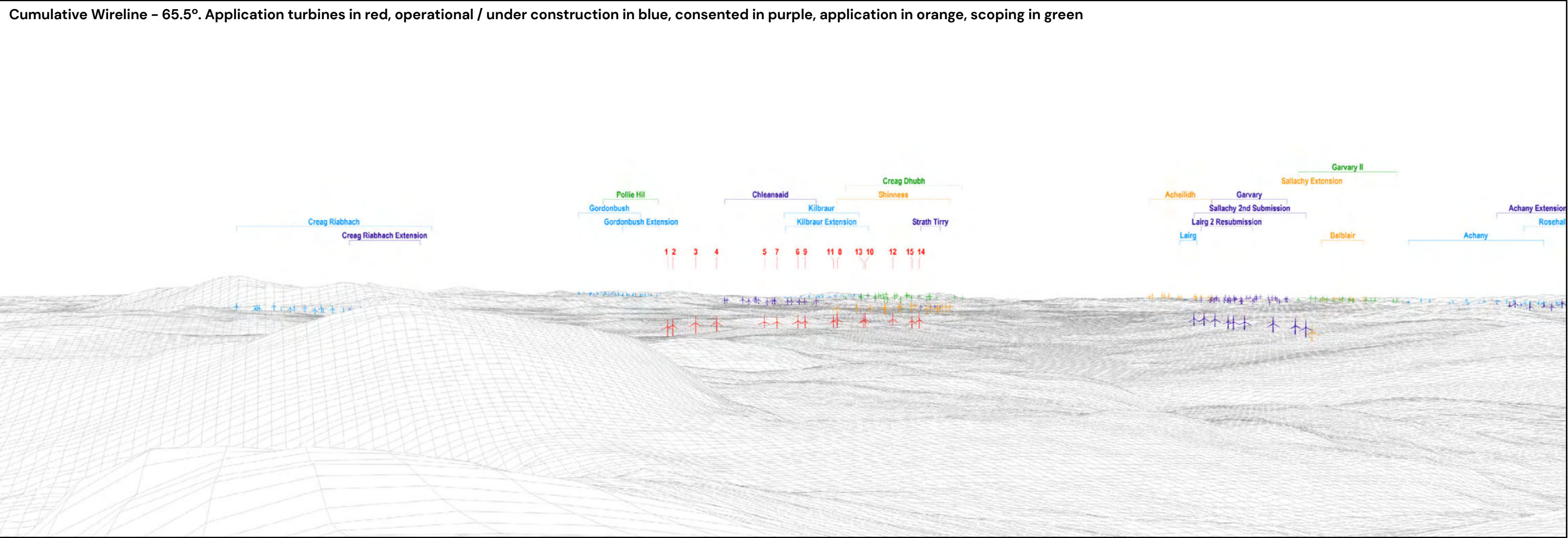


The viewpoint is representative of walkers visiting the peak of Beinn Leoid and the area of wild land.

Viewpoint A
Beinn Leoid

Coille Linne Wind Farm FEI

Cumulative Wireline – 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



VIEWPOINT B: Ben Hope



Grid Ref: E247740 N950150 Distance to nearest turbine: 24869m (T1) AOD: 927 m

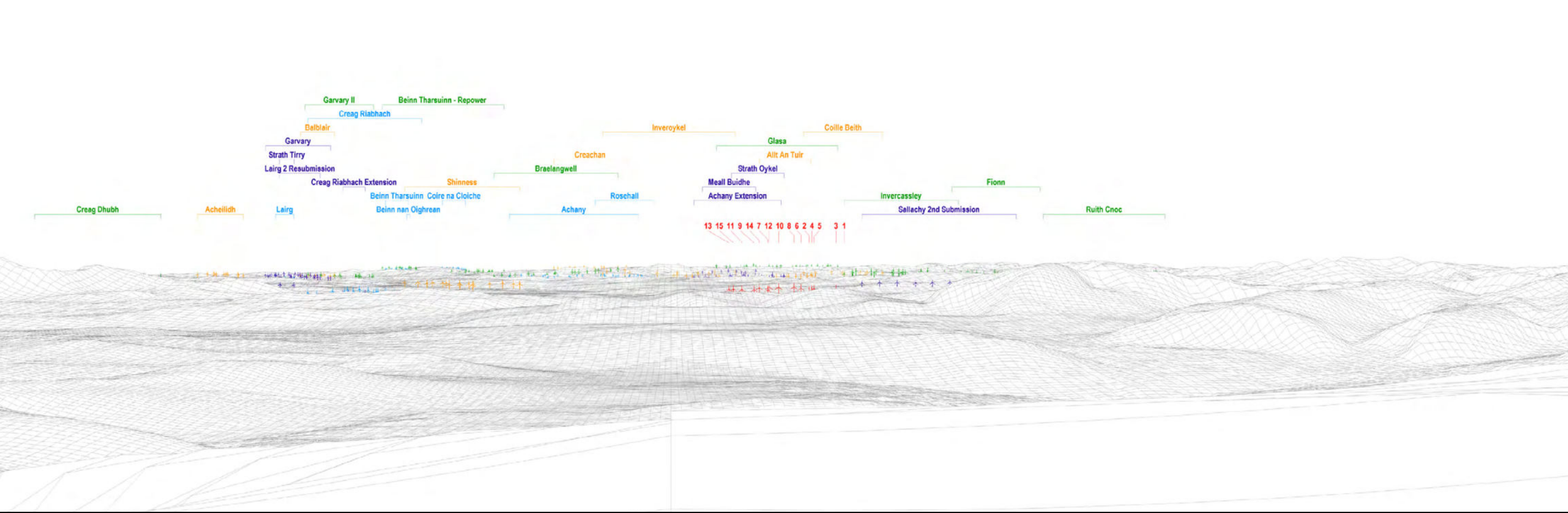
The viewpoint is representative of walkers visiting the peak of Ben Hope and the area of wild land.

0 250 500
Meters

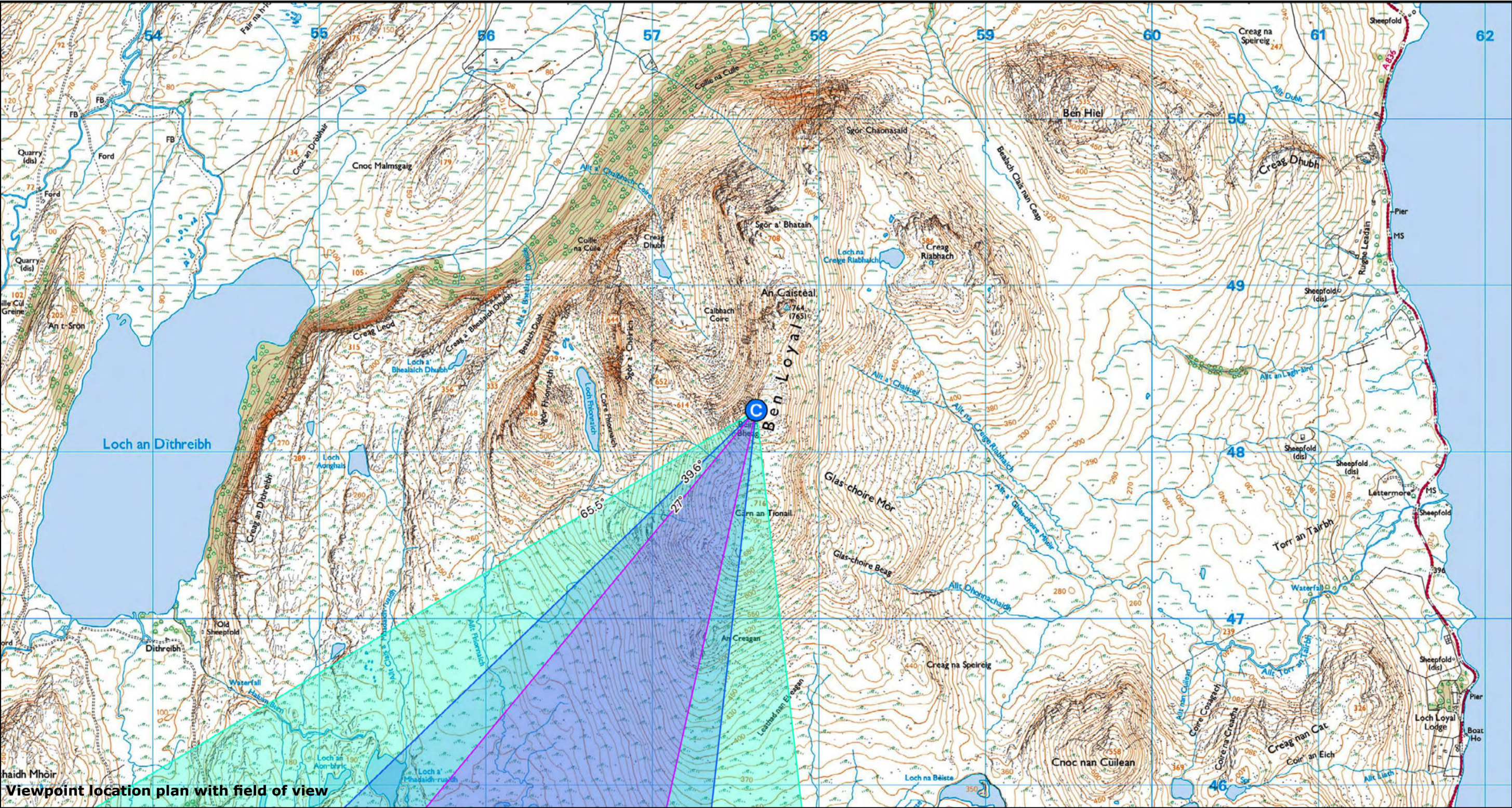
Viewpoint B
Ben Hope

Coille Linne Wind Farm FEI

Cumulative Wireline – 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



VIEWPOINT C: Ben Loyal



Viewpoint location plan with field of view

Grid Ref: E257623 N948252 Distance to nearest turbine: 26153m (T2) AOD: 742 m

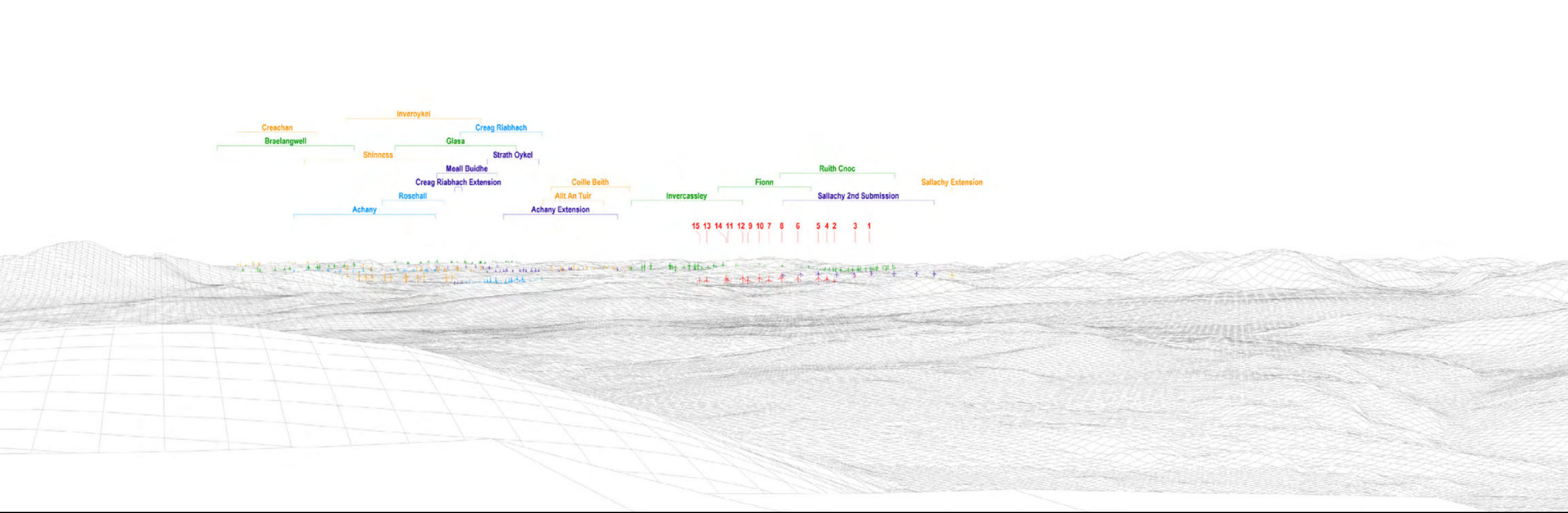
0 250 500
Meters

Viewpoint C
Ben Loyal

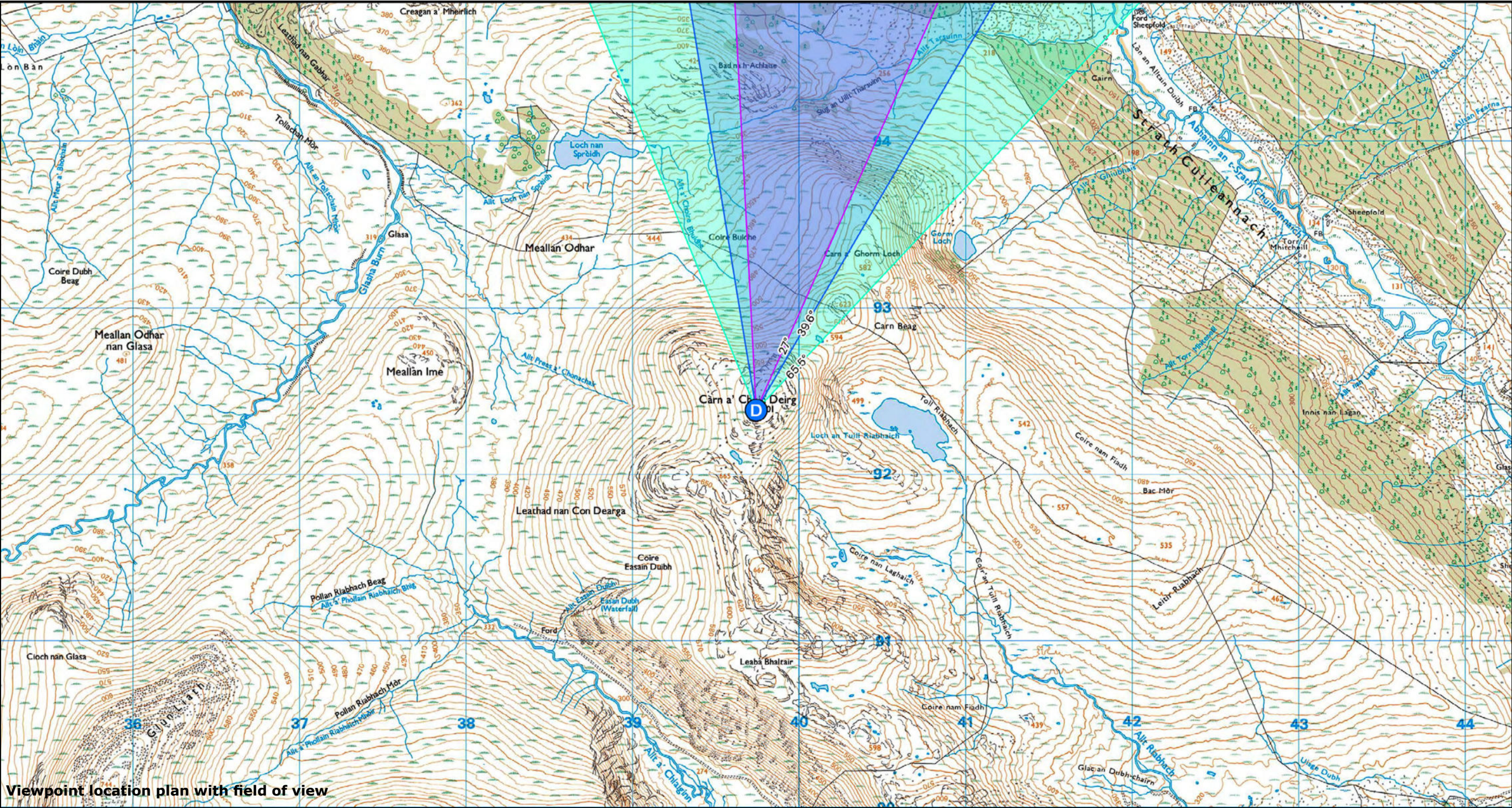
Coille Linne Wind Farm FEI

The viewpoint is representative of walkers visiting the peak of Ben Loyal, specifically the southernmost peak called Beinn Bheag, and the area of wild land.

Cumulative Wireline – 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



VIEWPOINT D: Càrn a' Choin Deirg



Viewpoint location plan with field of view

Grid Ref: E239742 N892386

Distance to nearest turbine: 29848m (T15)

AOD: 701 m

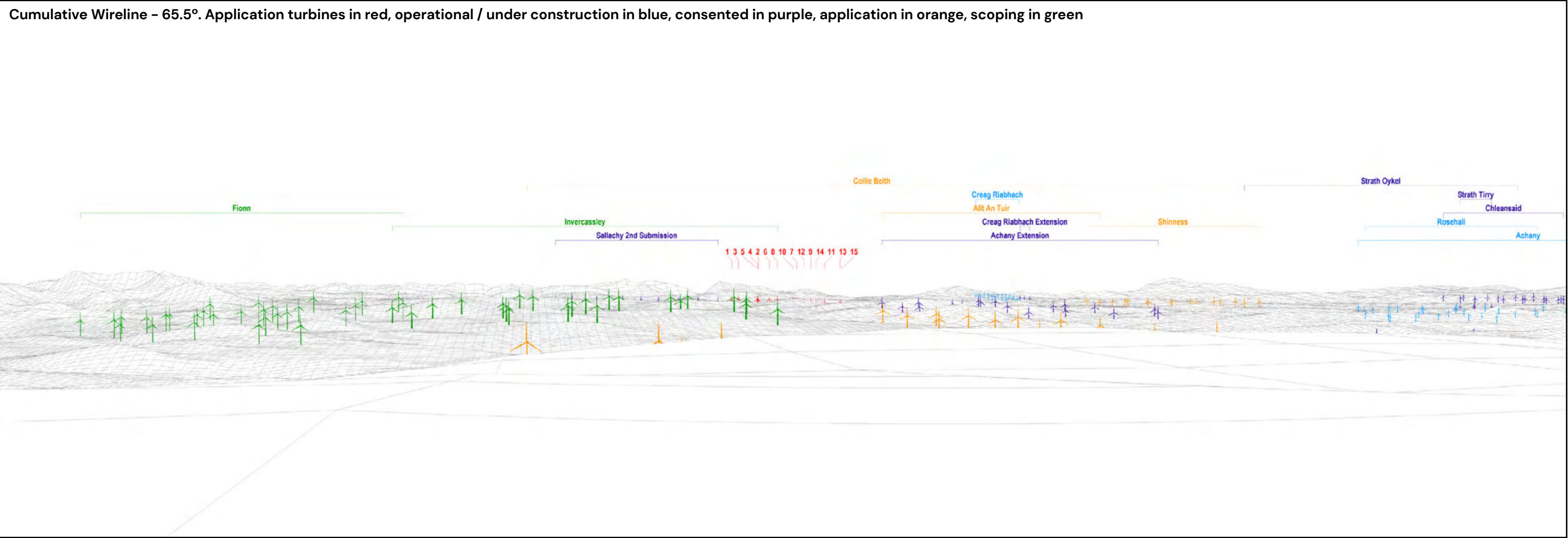


The viewpoint is representative of walkers visiting the peak of Càrn a' Choin Deirg and the area of wild land.

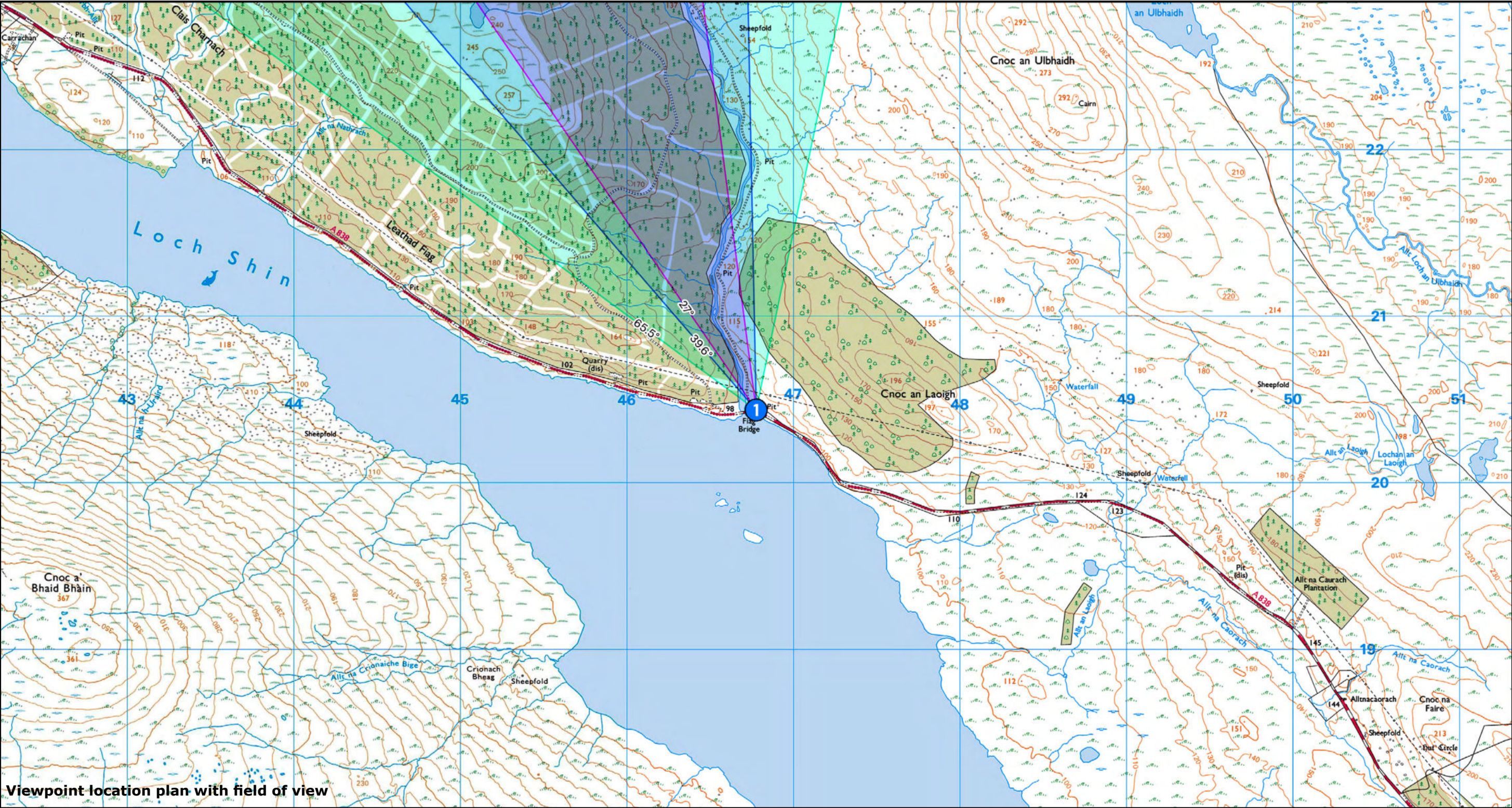
Viewpoint D
Càrn a' Choin Deirg

Coille Linne Wind Farm FEI

Cumulative Wireline – 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



VIEWPOINT 1: A838 near Fiag Bridge



Viewpoint location plan with field of view

Grid Ref: E246776 N920438 Distance to nearest turbine: 1089m (T15) AOD: 96 m

0 250 500
Meters

Viewpoint 1
A838 near Fiag Bridge

Coille Linne Wind Farm FEI

The viewpoint is representative of views from the A838 where open views are possible to the south-west across Loch Shin.

Extent of 50mm single frame image



Revised Photomontage – Felling – 65.5°

Viewpoint 1: A838 near Fiag Bridge

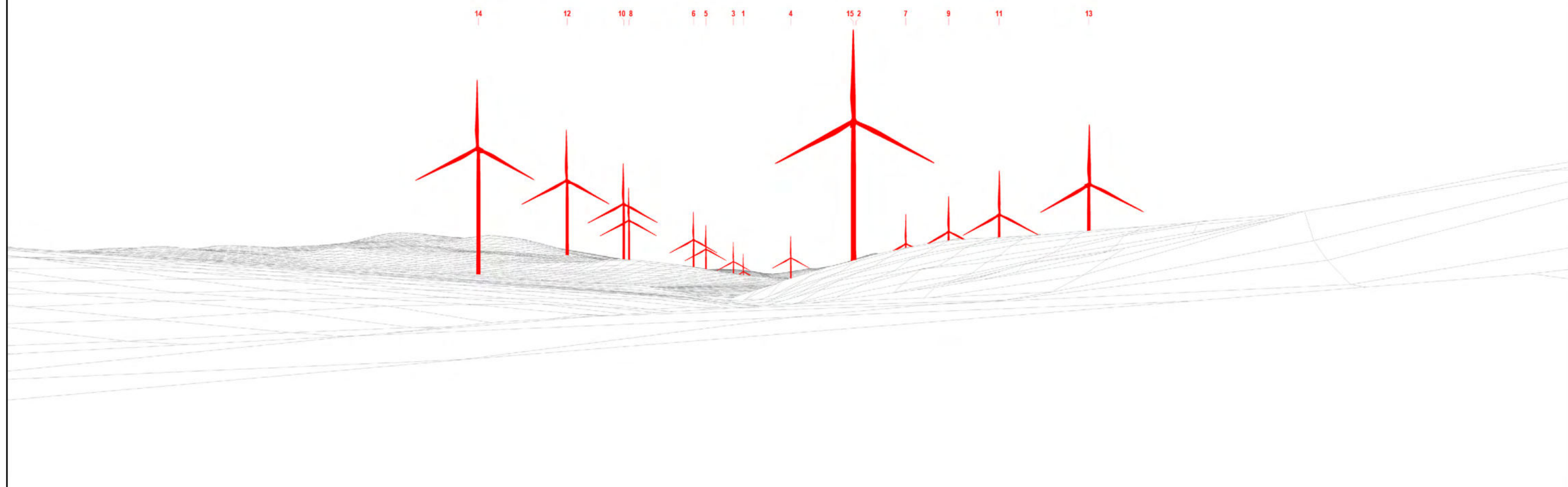
Distance to nearest turbine: 1089m (T15) Camera: Nikon Z 6 II, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 18/09/2024 Time: 14:45

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View - 65.5°

Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green



**Viewpoint 1: A838 near Fiag Bridge**

Distance to nearest turbine: 1089m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 18/09/2024

Time: 14:45

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

**Viewpoint 1: A838 near Fiag Bridge**

Distance to nearest turbine: 1089m (T15)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

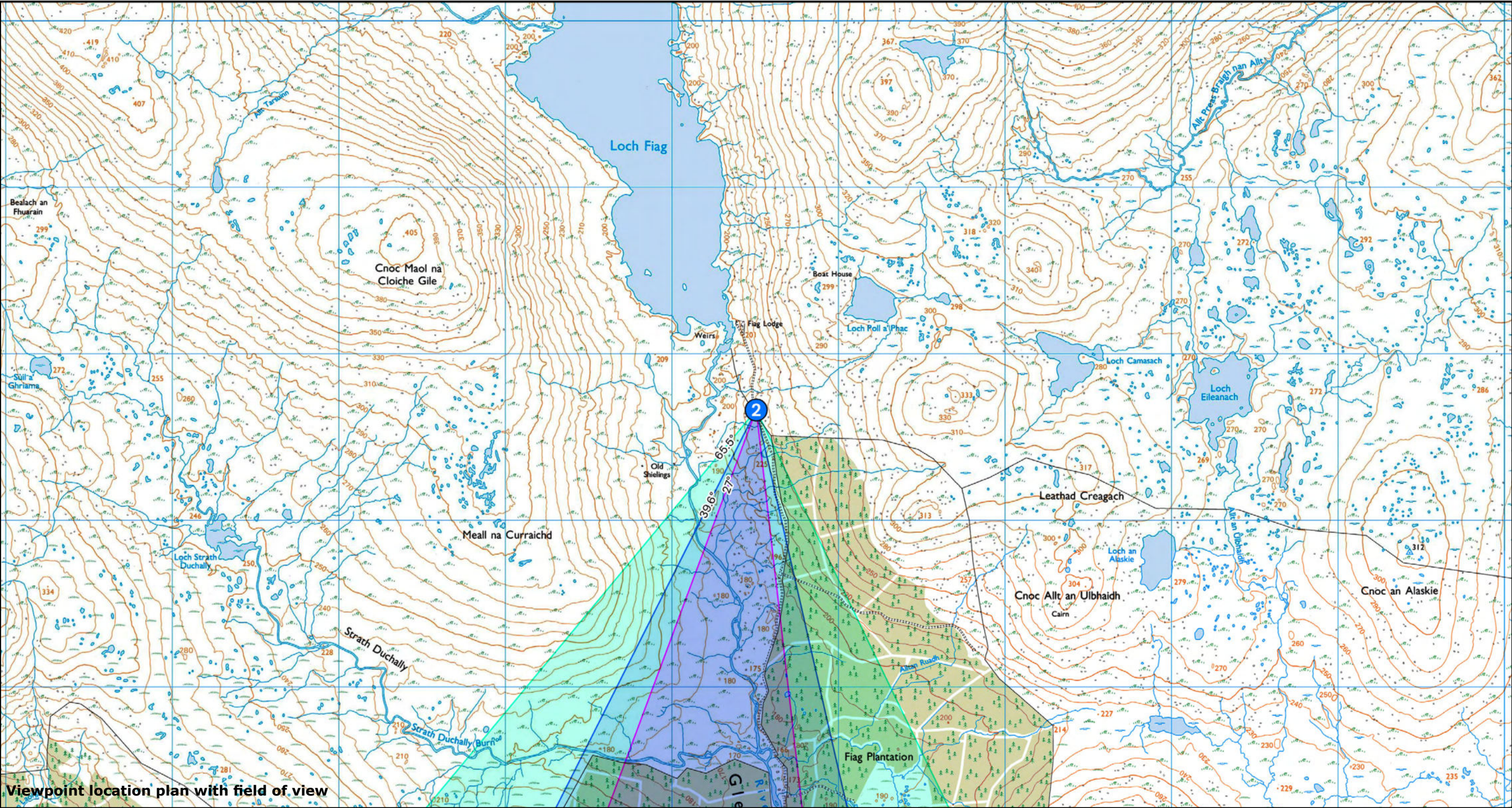
Camera height: 1.5m

Date: 18/09/2024

Time: 14:45

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 2: Loch Fiag



Viewpoint location plan with field of view

Grid Ref: E245506 N927664

Distance to nearest turbine: 2360m (T1)

AOD: 221 m

0250500

Meters

N

Viewpoint 2
Loch Fiag

Coille Linne Wind Farm FEI

The viewpoint is representative of those visiting Fiag Lodge and by those visiting Fiag Loch and the area of wild land.

Extent of 50mm single frame image



Revised Photomontage - Felling - 65.5°

Viewpoint 2: Loch Fiag

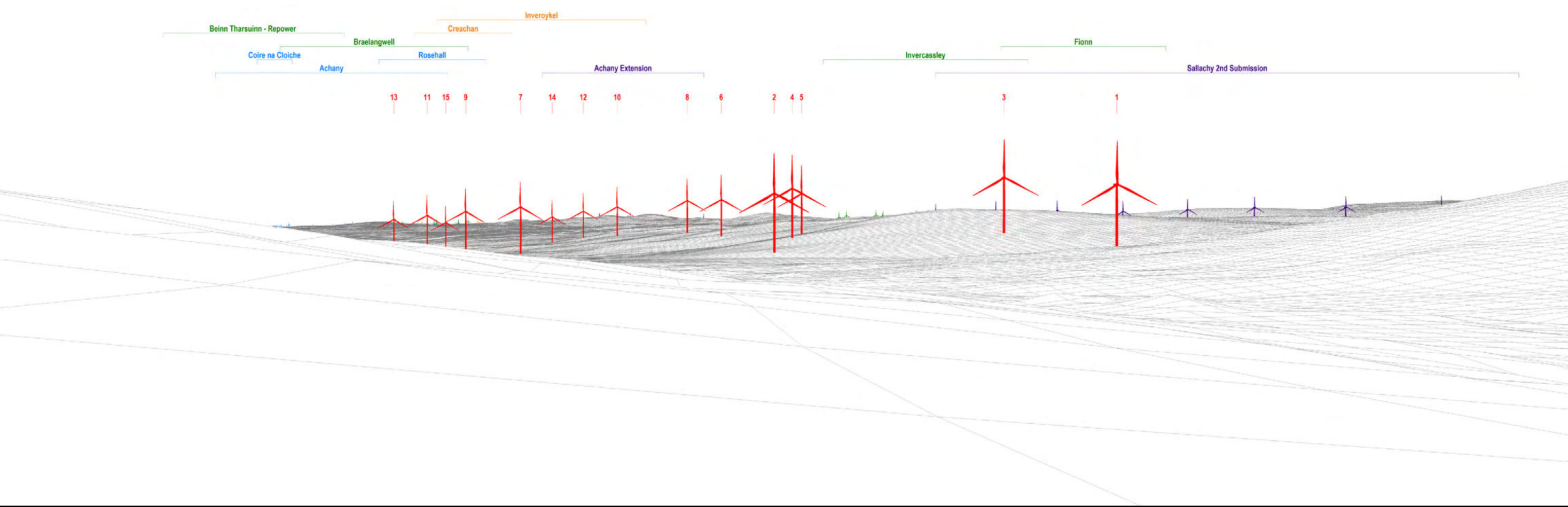
Distance to nearest turbine: 2360m (T1) Camera: Nikon Z 6 II, FFS Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°) Camera height: 1.5m Date: 18/09/2024 Time: 16:41

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Existing View - 65.5°

Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage - Felling - 39.6°

Viewpoint 2: Loch Fiag

Distance to nearest turbine: 2360m (T1)

Camera: Nikon Z 6 II, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 18/09/2024

Time: 16:41

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



Revised Photomontage – Felling – 27°

Viewpoint 2: Loch Fiag

Distance to nearest turbine: 2360m (T1)

Camera: Nikon Z 6 II, FFS

Focal length: 75mm

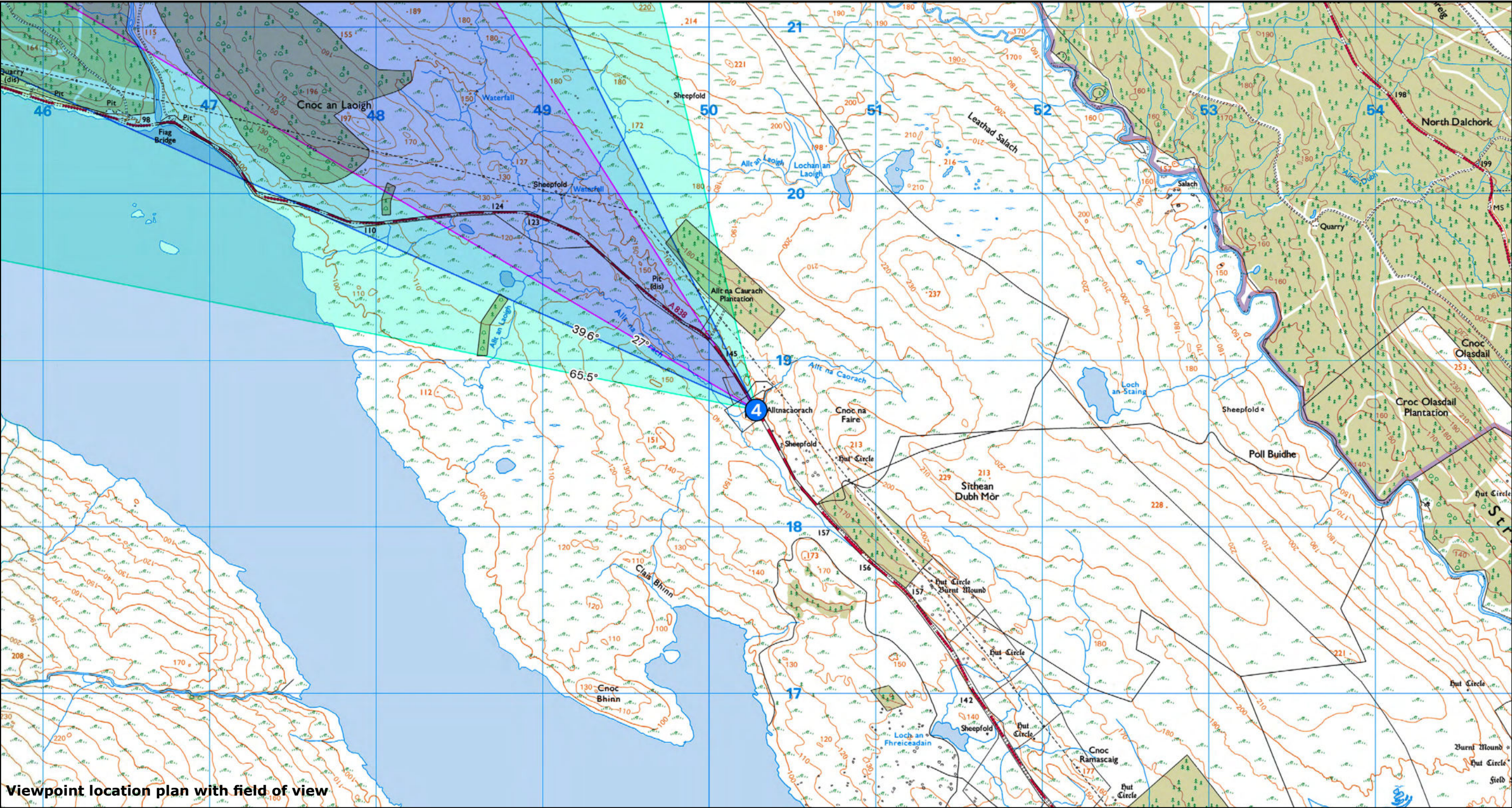
Camera height: 1.5m

Date: 18/09/2024

Time: 16:41

This image should be viewed at a comfortable arm's length (approx. 500mm)

VIEWPOINT 4: A838 near Sithean Dubh Mor



Grid Ref: E250282 N918703 Distance to nearest turbine: 4737m (T15) AOD: 144 m

The viewpoint is representative of views from the A838 and from residents within Overscaig.

0 250 500
Meters

Viewpoint 4
A838 near Sithean Dubh Mor

Coille Linne Wind Farm FEI

Extent of 50mm single frame image



Revised Photomontage - Felling - 65.5°

Viewpoint 4: A838 near Sithean Dubh Mor

Distance to nearest turbine: 4737m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm vertical (27°) x 28mm horizontal (65.5°)

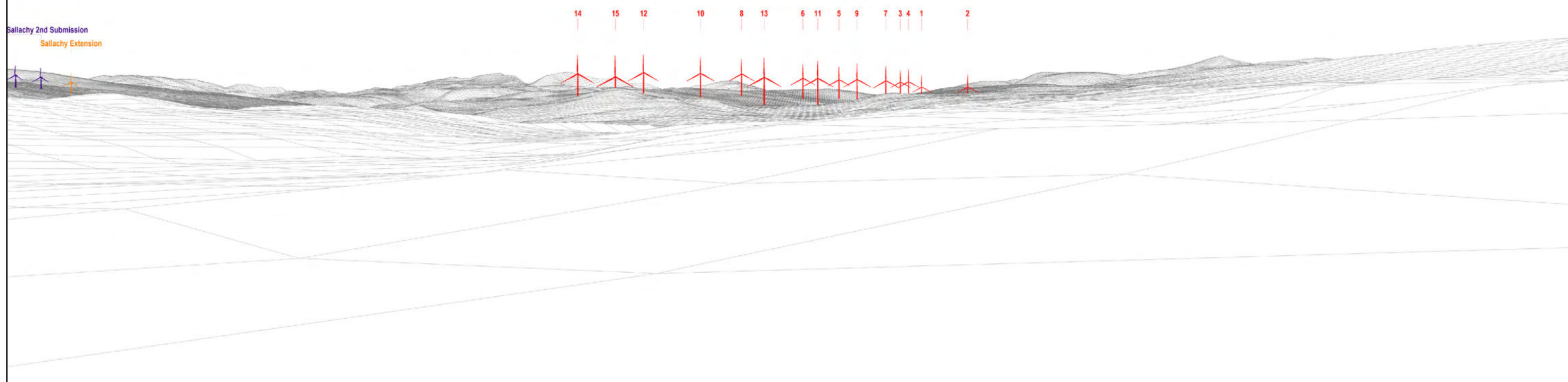
Camera height: 1.5m

Date: 05/09/2024 Time: 15:52

The images contained on this page and the following page are not representative of scale and distance from the actual viewpoint and show the wind farm development in its wider landscape context only.



Cumulative Wireline - 65.5°. Application turbines in red, operational / under construction in blue, consented in purple, application in orange, scoping in green





Revised Photomontage - Felling - 39.6°

Viewpoint 4: A838 near Sithean Dubh Mor

Distance to nearest turbine: 4737m (T15)

Camera: Canon 5D Mk III, FFS

Focal length: 50mm

Camera height: 1.5m

Date: 05/09/2024

Time: 15:52

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



Revised Photomontage - Felling - 27°

Viewpoint 4: A838 near Sithean Dubh Mor

Distance to nearest turbine: 4737m (T15)

Camera: Canon 5D Mk III, FFS

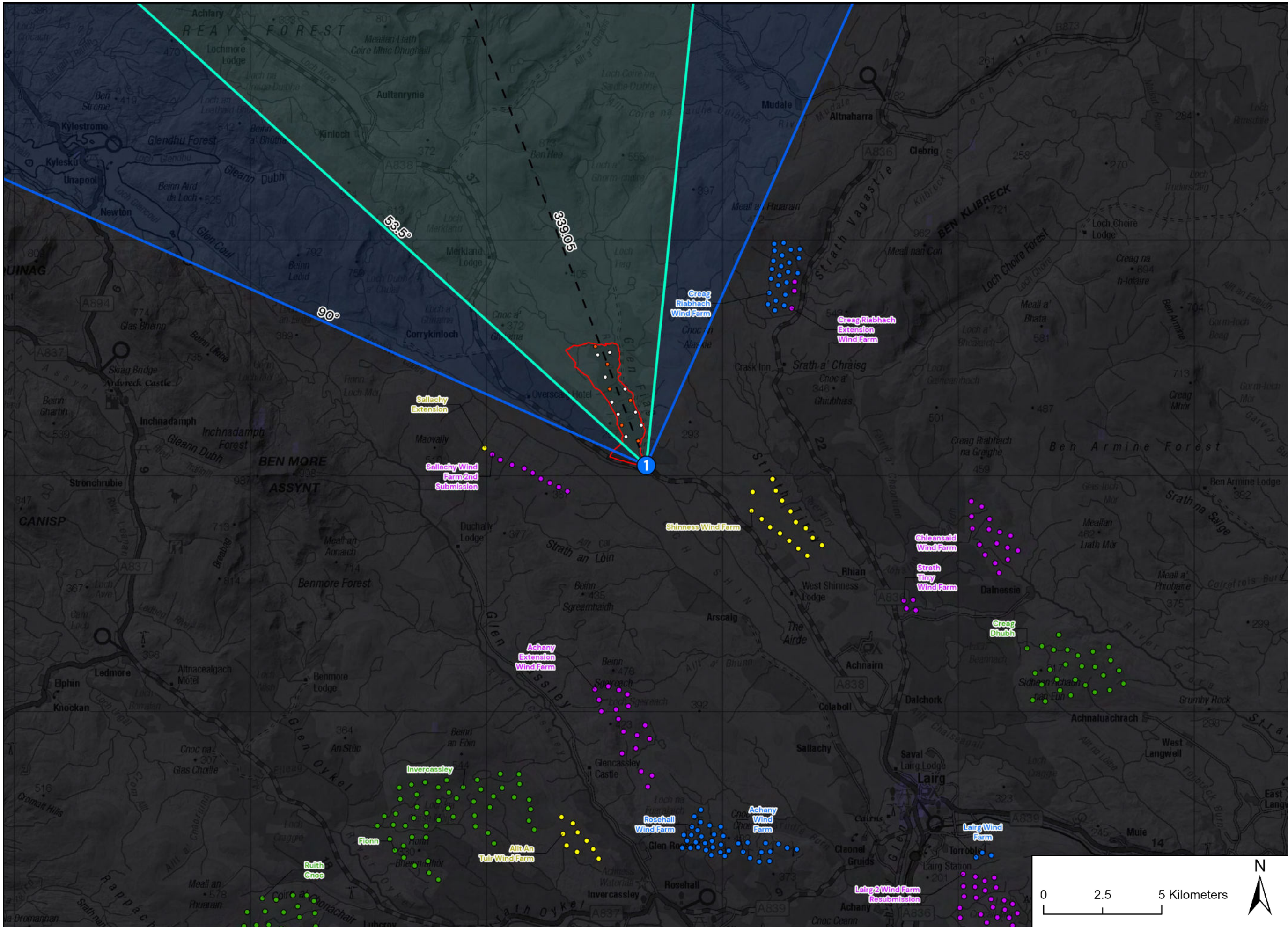
Focal length: 75mm

Camera height: 1.5m

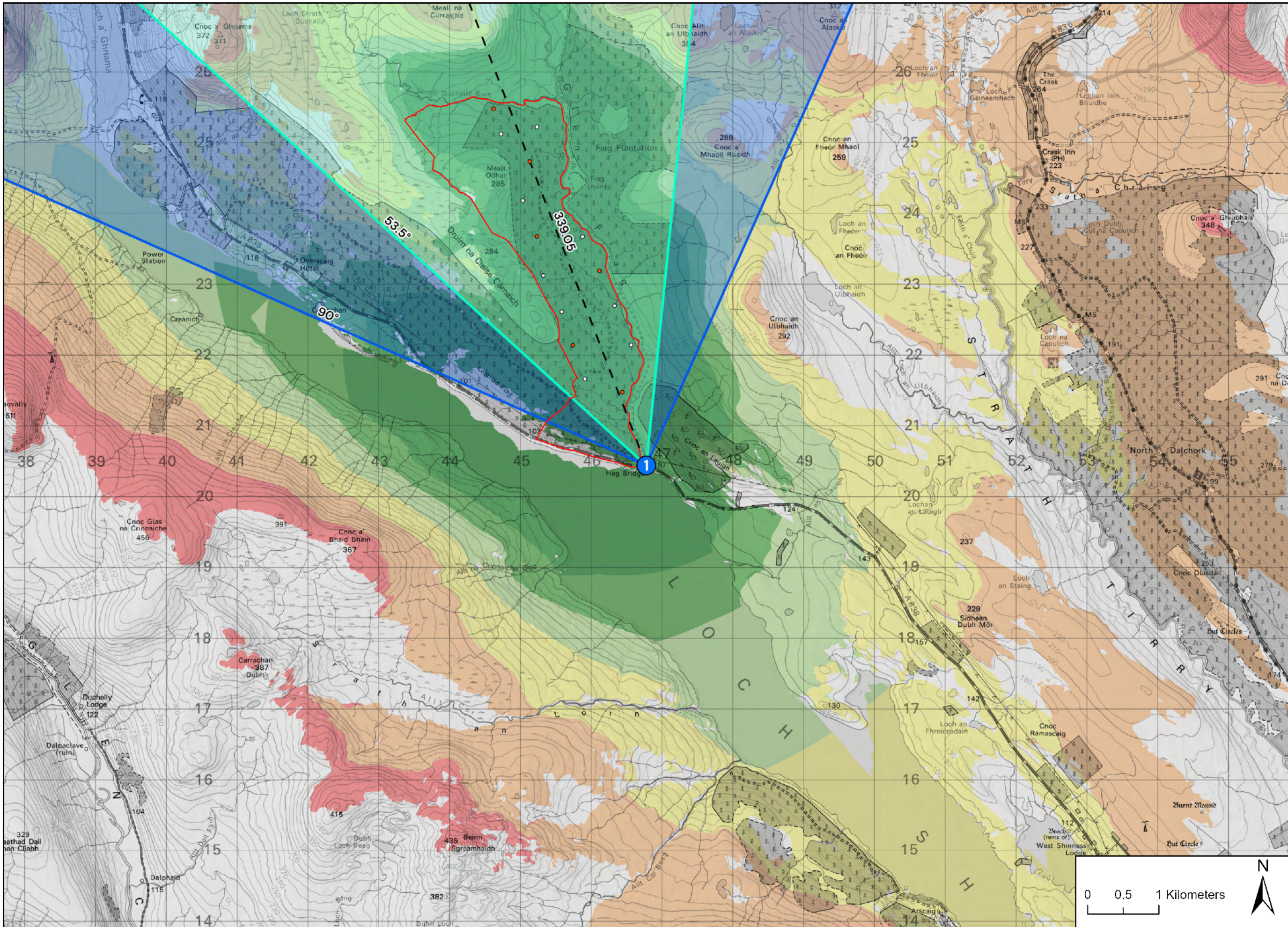
Date: 05/09/2024

Time: 15:52

This image should be viewed at a comfortable arm's length (approx. 500mm)



Viewpoint Location Plan - Site Context, Cumulative Wind Farms and Dark Sky Baseline Satellite Image - Scale 1:150,000



Viewpoint Location Plan - Visual Extents and Turbine Lighting Intensity ZTV - Scale 1:50,000

Key

- Application Boundary
- Revised Turbine (No Aviation Light)
- Revised Turbine Fitted with Steady Red Aviation Light

Other Wind Farms (Status)

- Operational; Constructed
- Consented
- In Planning
- Scoping

Viewpoint Information

- L VIA Viewpoint
- Centre of Visualisation (Bearing)
- 53.5° Field of View
- 90° Field of View

NASA Black Marble (2024)

- High Radiance
- Low Radiance

Turbine Lighting Intensity ZTV

INTENSITY OF TURBINE LIGHT SHOWN IN CANDELA [CD]

VERTICAL ANGLE	2000 CD LIGHT	200 CD LIGHT
3° TO 0°	UP TO 2500 CD	UP TO 250 CD
0° TO -1°	2185 CD TO 982 CD	218 CD TO 98 CD
-1° TO -2°	982 CD TO 413 CD	98 CD TO 41 CD
-2° TO -3°	413 CD TO 217 CD	41 CD TO 21 CD
-3° TO -4°	217 CD TO 172 CD	21 CD TO 17 CD
BELOW -4°	BELOW 172 CD	BELOW 17 CD

NOTES

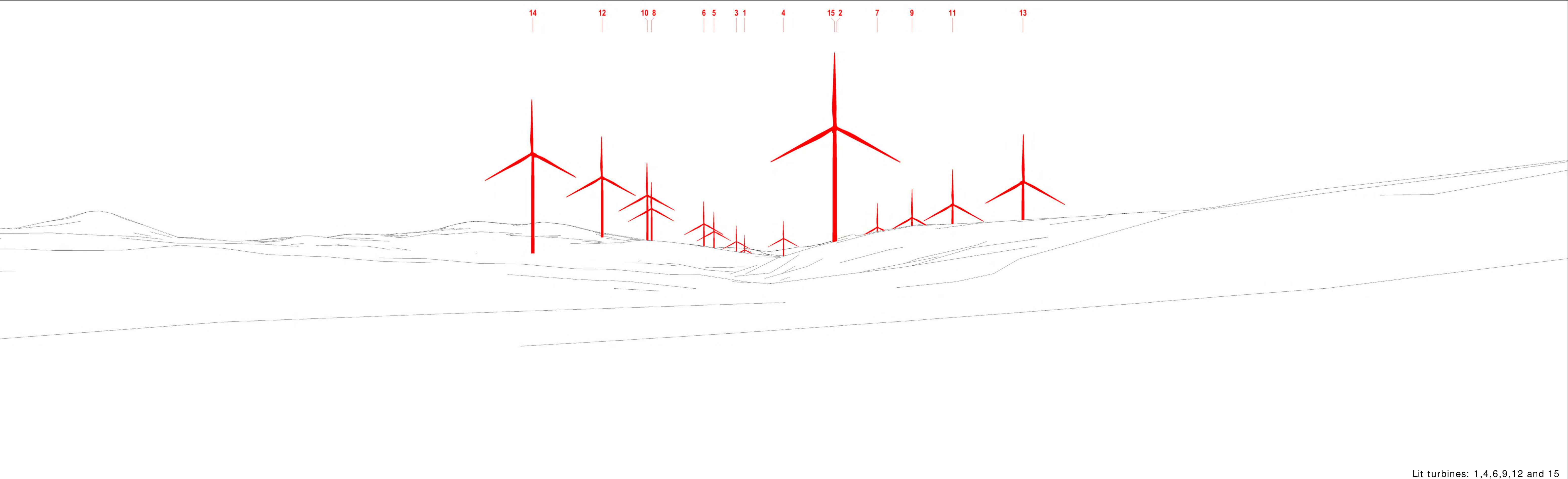
- A reduced lighting scheme has been agreed with the Civil Aviation Authority (CAA) and it is proposed six of the fifteen turbines would be lit (T1, T4, T6, T9, T12 and T15).
- The visible turbine lights will be switched on between Evening Civil Twilight and Morning Civil Twilight. Approximately 11 hours per day averaged over the year.
- Civil Aviation Authority SARG Policy Statement (2017) states "If the horizontal meteorological visibility in all directions from every wind turbine generator in a group is more than 5 km, the intensity for the light positioned as close as practicable to the top of the fixed structure required to be fitted to any generator in the wind farm and displayed may be reduced to not less than 10% of the minimum peak intensity."
- The lighting intensity for each of the vertical angles shown in the above table has been provided by Contamex (Light Bulb Manufacturer) and is based on optimal test conditions in a calibration chamber.
- The perception of theoretical candela intensity does not take account of atmospheric attenuation (reduction in brightness over distance).
- The ZTV does not take account of surface features such as buildings or forestry.
- The ZTV has been produced using OS Terrain 5 height data and calculates the difference in vertical angle between the turbine lights and the study area.
- The ZTV represents a reasonable worst case and the theoretical lighting intensity illustrated may be the result of a single turbine within the group.
- Actual visibility is likely to be less than predicted due to a range of other factors considered in Appendix 6.8 of the L VIA which include the darkness adaptation of individual receptors and weather observation.

Further technical information can be found in Appendix 6.8 Night-time Lighting Assessment Methodology.

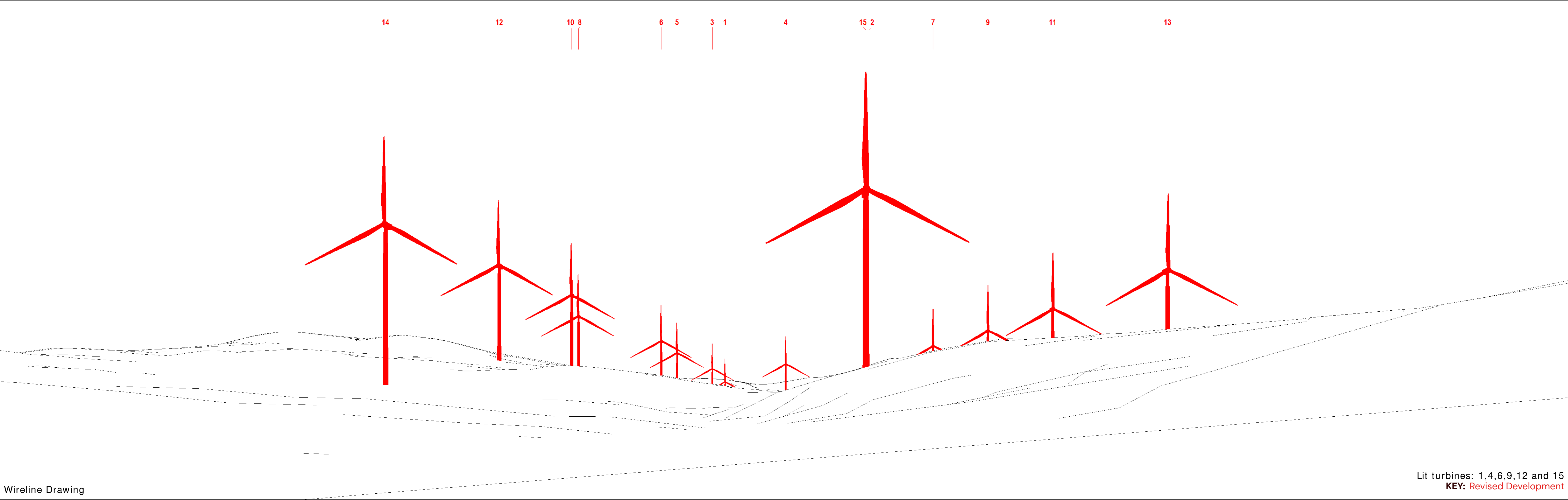


Baseline Photograph

Extent of 53.5 degrees panorama

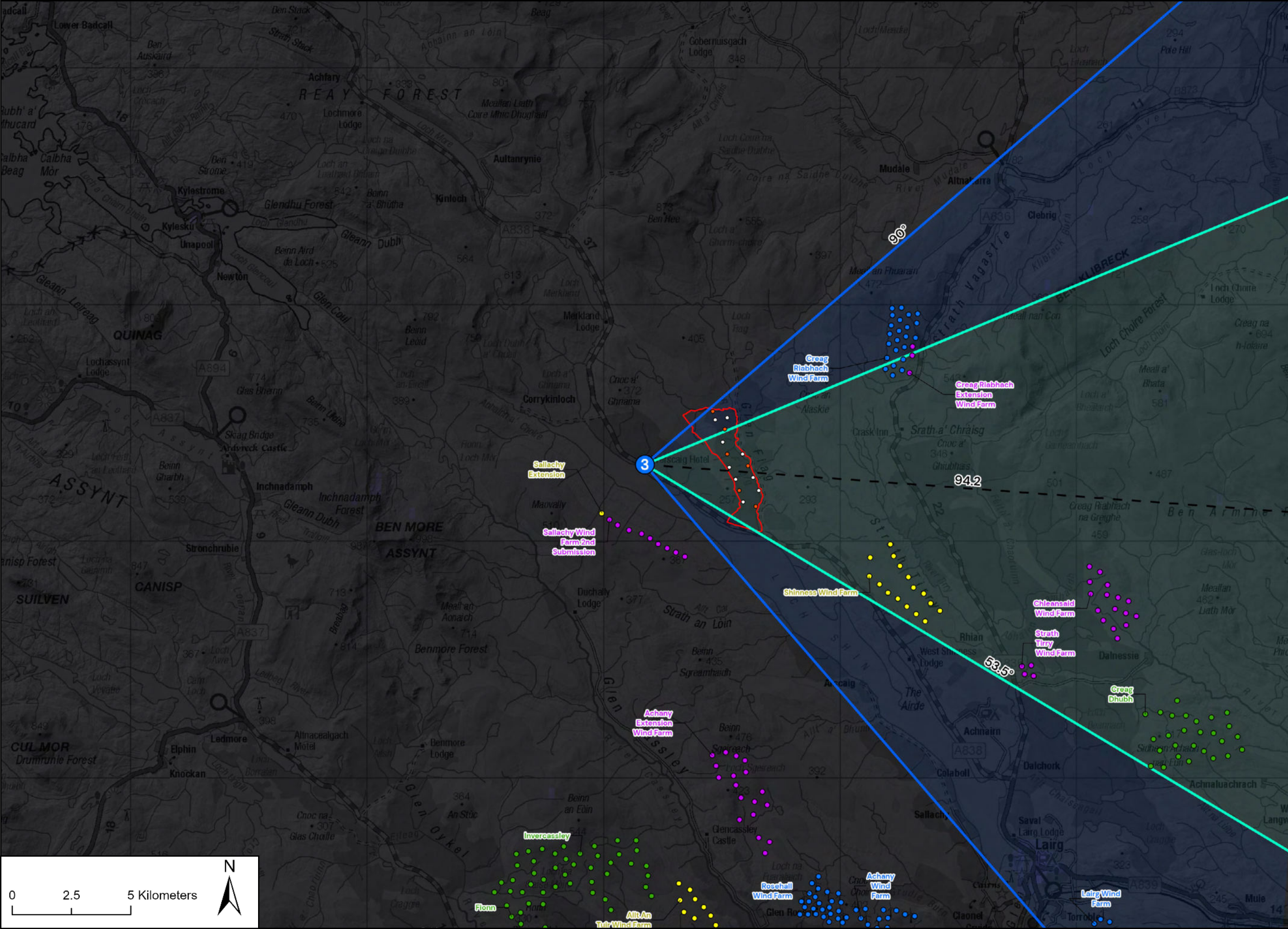


Cumulative Wireline Drawing



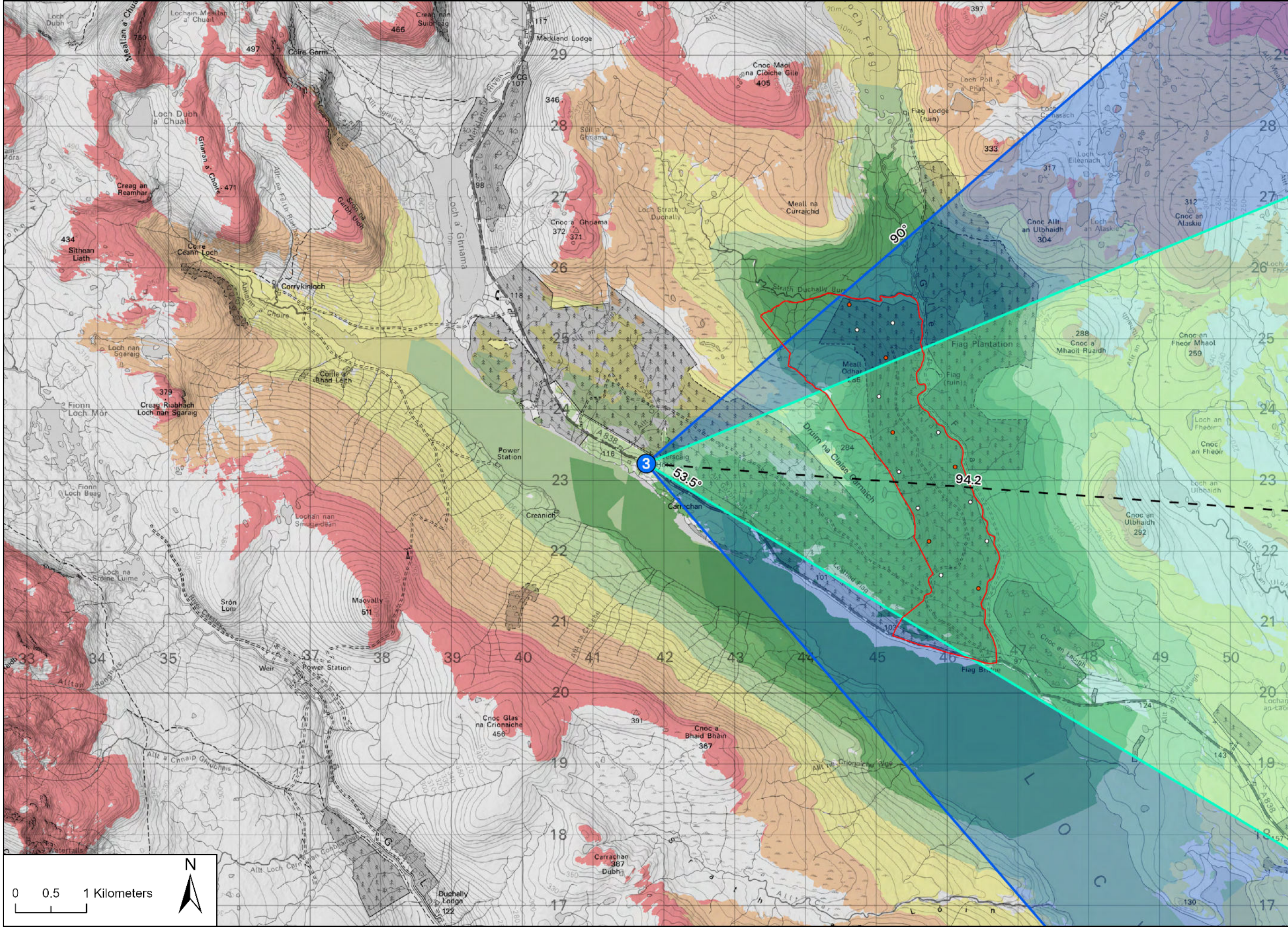


Photomontage



Viewpoint Location Plan - Site Context, Cumulative Wind Farms and Dark Sky Baseline Satellite Image - Scale 1:150,000

COILLE LINNE WIND FARM - FEI



Viewpoint Location Plan - Visual Extents and Turbine Lighting Intensity ZTV - Scale 1:50,000

Key

- Application Boundary
- Revised Turbine (No Aviation Light)
- Revised Turbine Fitted with Steady Red Aviation Light

Other Wind Farms (Status)

- Operational; Constructed
- Consented
- In Planning
- Scoping

Viewpoint Information

- LVIA Viewpoint
- Centre of Visualisation (Bearing)
- 53.5° Field of View
- 90° Field of View

NASA Black Marble (2024)

- High Radiance
- Low Radiance

NASA Black Marble VNP46A4 annual composite. Data provided by the NASA LAADS DAAC through the Earth Science Data and Information System (EOSDIS).

Turbine Lighting Intensity ZTV

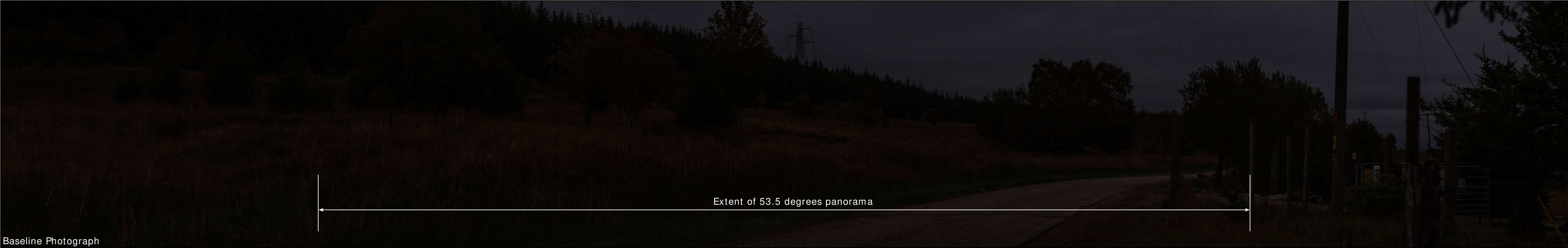
INTENSITY OF TURBINE LIGHT SHOWN IN CANDELA [CD]

VERTICAL ANGLE	2000 CD LIGHT	200 CD LIGHT
3° TO 0°	UP TO 2500 CD	UP TO 250 CD
0° TO -1°	2185 CD TO 982 CD	218 CD TO 98 CD
-1° TO -2°	982 CD TO 413 CD	98 CD TO 41 CD
-2° TO -3°	413 CD TO 217 CD	41 CD TO 21 CD
-3° TO -4°	217 CD TO 172 CD	21 CD TO 17 CD
BELOW -4°	BELOW 172 CD	BELOW 17 CD

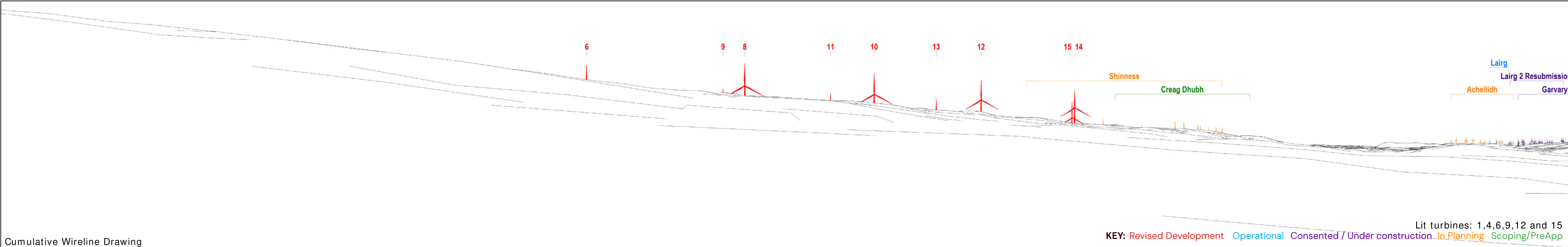
NOTES

1. A reduced lighting scheme has been agreed with the Civil Aviation Authority (CAA) and it is proposed six of the fifteen turbines would be lit (T1, T4, T6, T9, T12 and T15).
2. The visible turbine lights will be switched on between Evening Civil Twilight and Morning Civil Twilight. Approximately 11 hours per day averaged over the year.
3. Civil Aviation Authority SARG Policy Statement (2017) states "If the horizontal meteorological visibility in all directions from every wind turbine generator in a group is more than 5 km, the intensity for the light positioned as close as practicable to the top of the fixed structure required to be fitted to any generator in the wind farm and displayed may be reduced to not less than 10% of the minimum peak intensity."
4. The lighting intensity for each of the vertical angles shown in the above table has been provided by Contamex (Light Bulb Manufacturer) and is based on optimal test conditions in a calibration chamber.
5. The perception of theoretical candela intensity does not take account of atmospheric attenuation (reduction in brightness over distance).
6. The ZTV does not take account of surface features such as buildings or forestry.
7. The ZTV has been produced using CS Terrain 5 height data and calculates the difference in vertical angle between the turbine lights and the study area.
8. The ZTV represents a reasonable worst case and the theoretical lighting intensity illustrated may be the result of a single turbine within the group.
9. Actual visibility is likely to be less than predicted due to a range of other factors considered in Appendix 6.8 of the LVIA which include the darkness adaptation of individual receptors and weather observation.

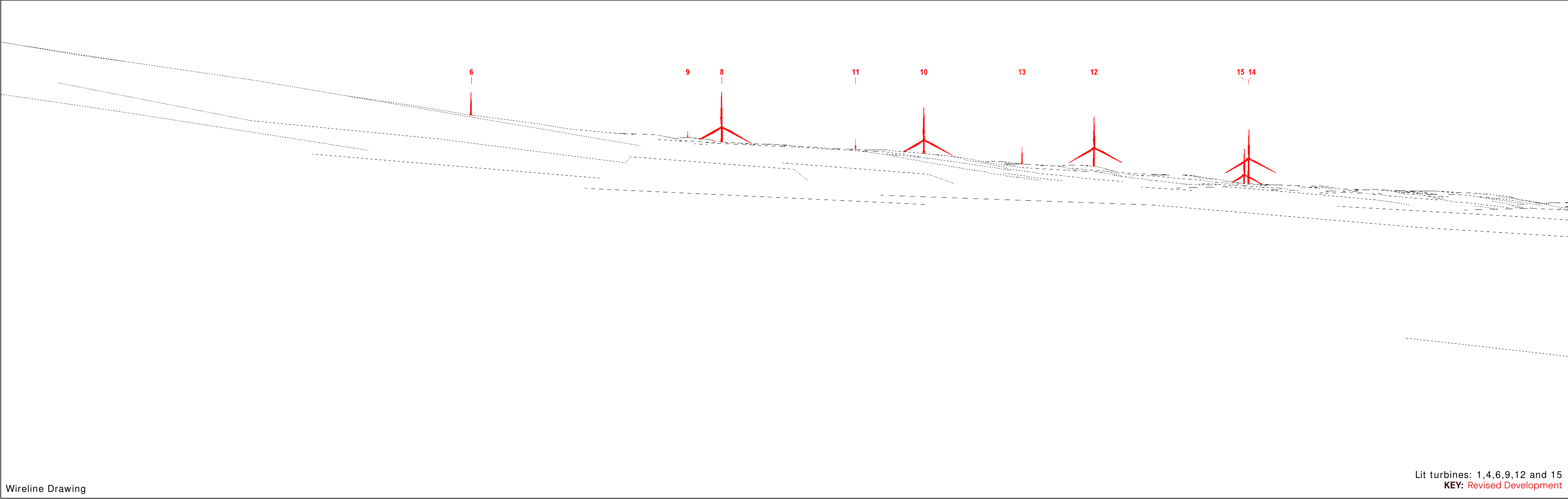
Further technical information can be found in Appendix 6.8 Night-time Lighting Assessment Methodology.



Baseline Photograph



Cumulative Wireline Drawing

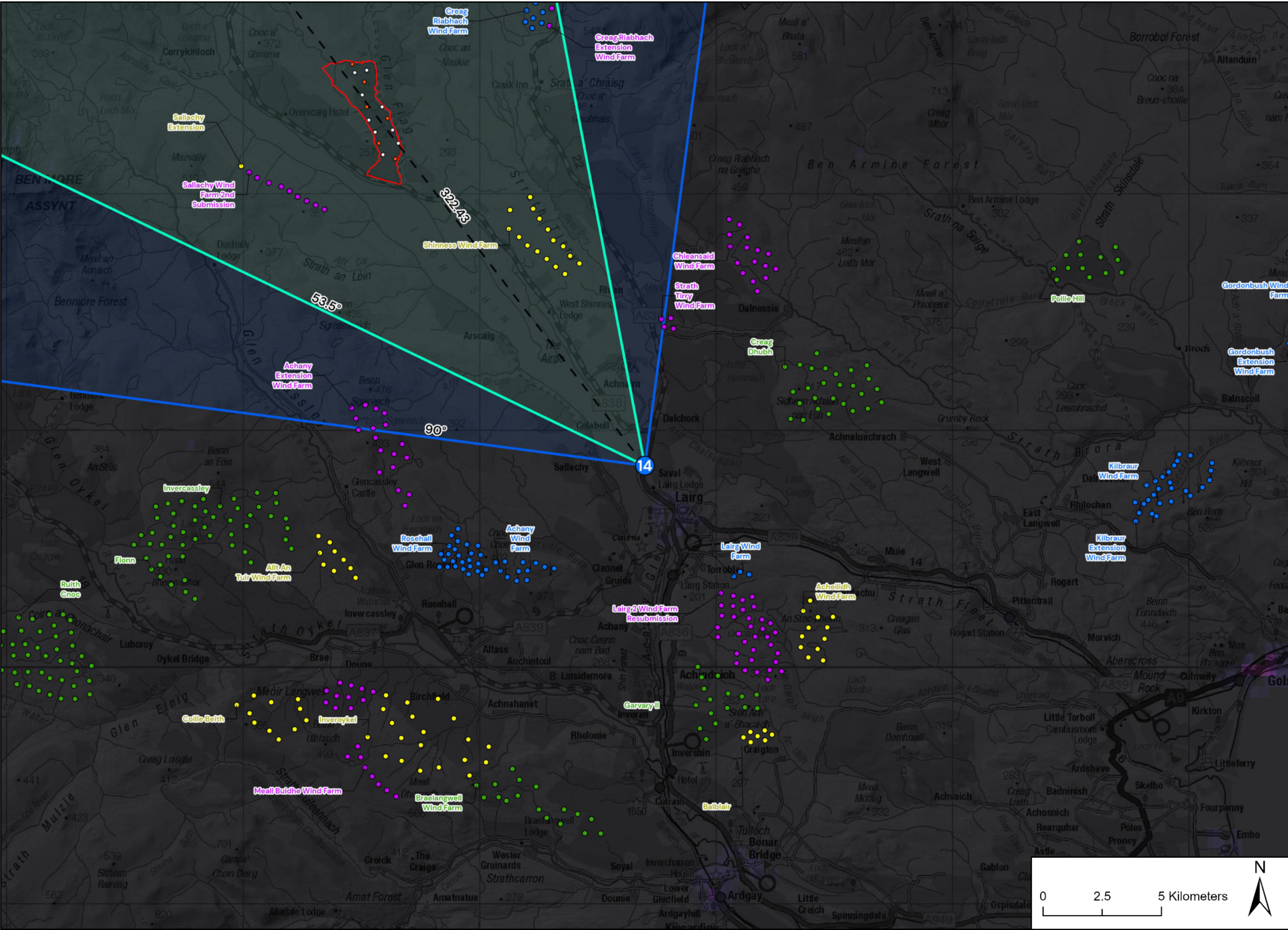


Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development

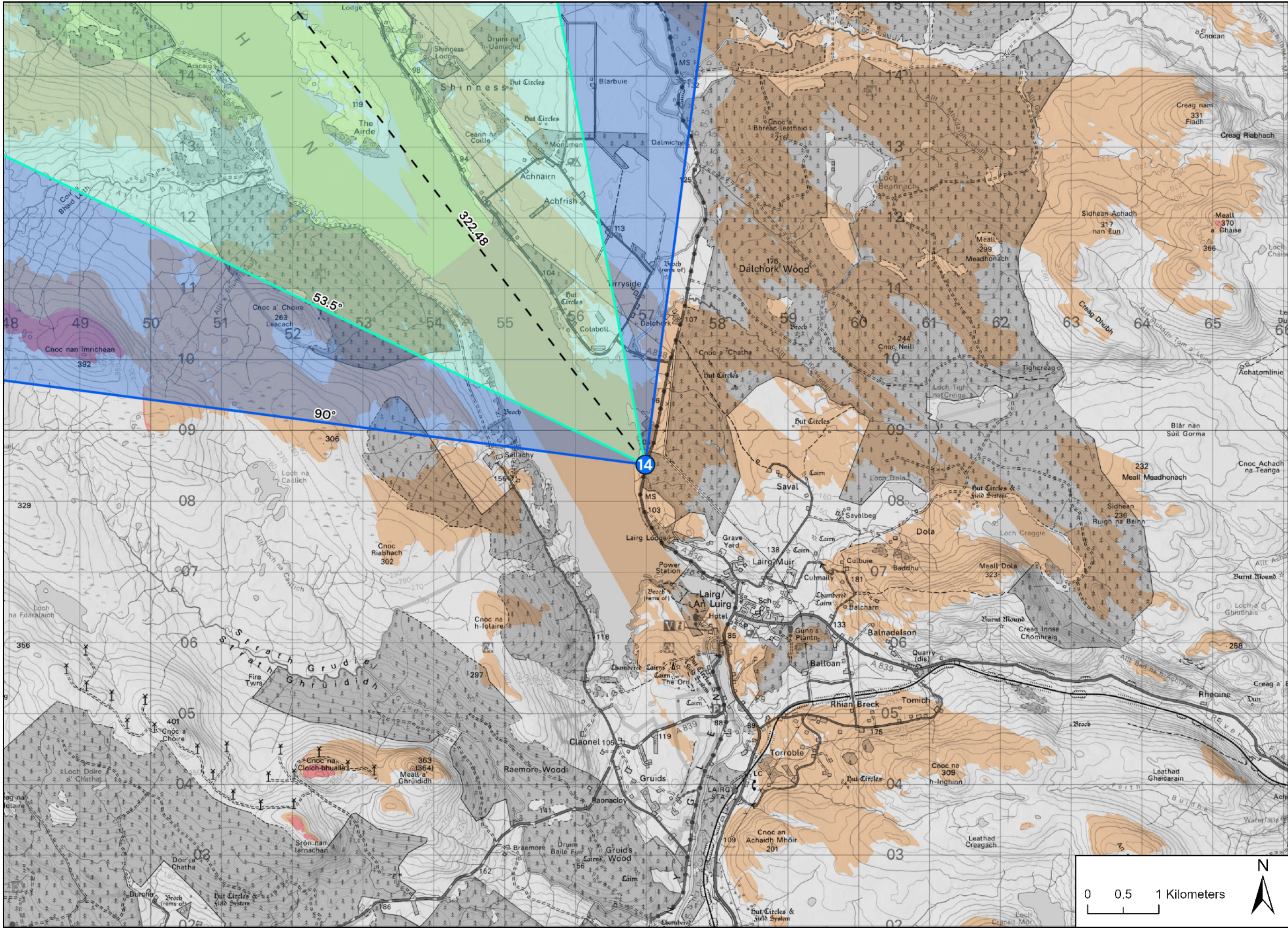


Photomontage



Viewpoint Location Plan - Site Context, Cumulative Wind Farms and Dark Sky Baseline Satellite Image - Scale 1:150,000

COILLE LINNE WIND FARM - FEI



Viewpoint Location Plan - Visual Extents and Turbine Lighting Intensity ZTV - Scale 1:50,000

Key

- Application Boundary
- Revised Turbine (No Aviation Light)
- Revised Turbine Fitted with Steady Red Aviation Light

Other Wind Farms (Status)

- Operational; Constructed
- Consented
- In Planning
- Scoping

Viewpoint Information

- L VIA Viewpoint
- Centre of Visualisation (Bearing)
- 53.5° Field of View
- 90° Field of View

NASA Black Marble (2024)

High Radiance

Low Radiance

NASA Black Marble VNP46A4 annual composite. Data provided by the NASA LAADS DAAC through the Earth Science Data and Information System (ESDIS).

Turbine Lighting Intensity ZTV

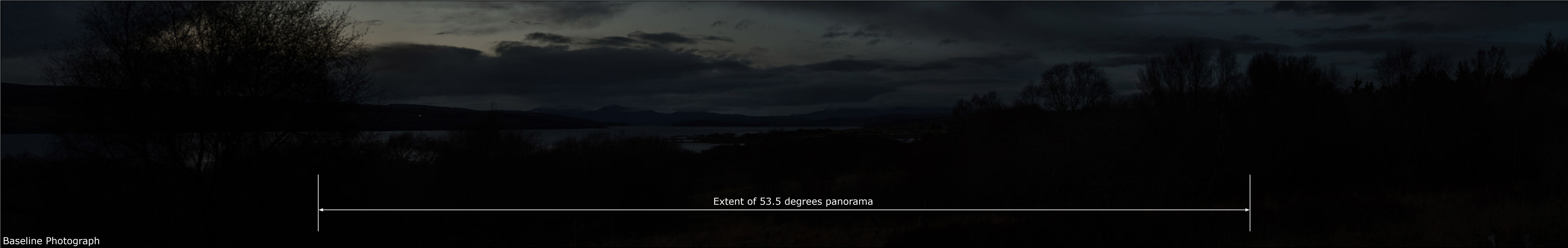
INTENSITY OF TURBINE LIGHT SHOWN IN CANDELA (CD)

VERTICAL ANGLE	2000 CD LIGHT	200 CD LIGHT
3° TO 0°	UP TO 2500 CD	UP TO 250 CD
0° TO -1°	2185 CD TO 982 CD	218 CD TO 98 CD
-1° TO -2°	982 CD TO 413 CD	98 CD TO 41 CD
-2° TO -3°	413 CD TO 217 CD	41 CD TO 21 CD
-3° TO -4°	217 CD TO 172 CD	21 CD TO 17 CD
BELOW -4°	BELOW 172 CD	BELOW 17 CD

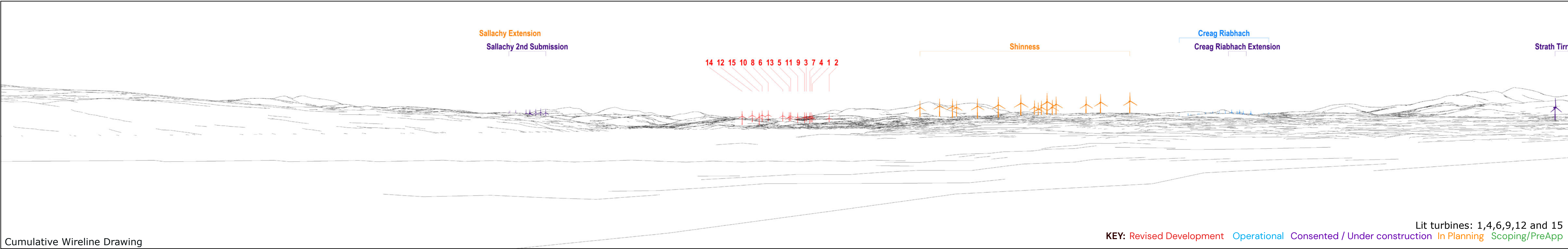
NOTES

1. A reduced lighting scheme has been agreed with the Civil Aviation Authority (CAA) and it is proposed six of the fifteen turbines would be lit (T1, T4, T6, T9, T12 and T15).
2. The visible turbine lights will be switched on between Evening Civil Twilight and Morning Civil Twilight. Approximately 11 hours per day averaged over the year.
3. Civil Aviation Authority SARG Policy Statement (2017) states "If the horizontal meteorological visibility in all directions from every wind turbine generator in a group is more than 5 km, the intensity for the light positioned as close as practicable to the top of the fixed structure required to be fitted to any generator in the wind farm and displayed may be reduced to not less than 10% of the minimum peak intensity."
4. The lighting intensity for each of the vertical angles shown in the above table has been provided by Contamx (Light Bulb Manufacturer) and is based on optimal test conditions in a calibration chamber.
5. The perception of theoretical candela intensity does not take account of atmospheric attenuation (reduction in brightness over distance).
6. The ZTV does not take account of surface features such as buildings or forestry.
7. The ZTV has been produced using OS Terrain 5 height data and calculates the difference in vertical angle between the turbine lights and the study area.
8. The ZTV represents a reasonable worst case and the theoretical lighting intensity illustrated may be the result of a single turbine within the group.
9. Actual visibility is likely to be less than predicted due to a range of other factors considered in Appendix 6.8 of the L VIA which include the darkness adaptation of individual receptors and weather obscuration.

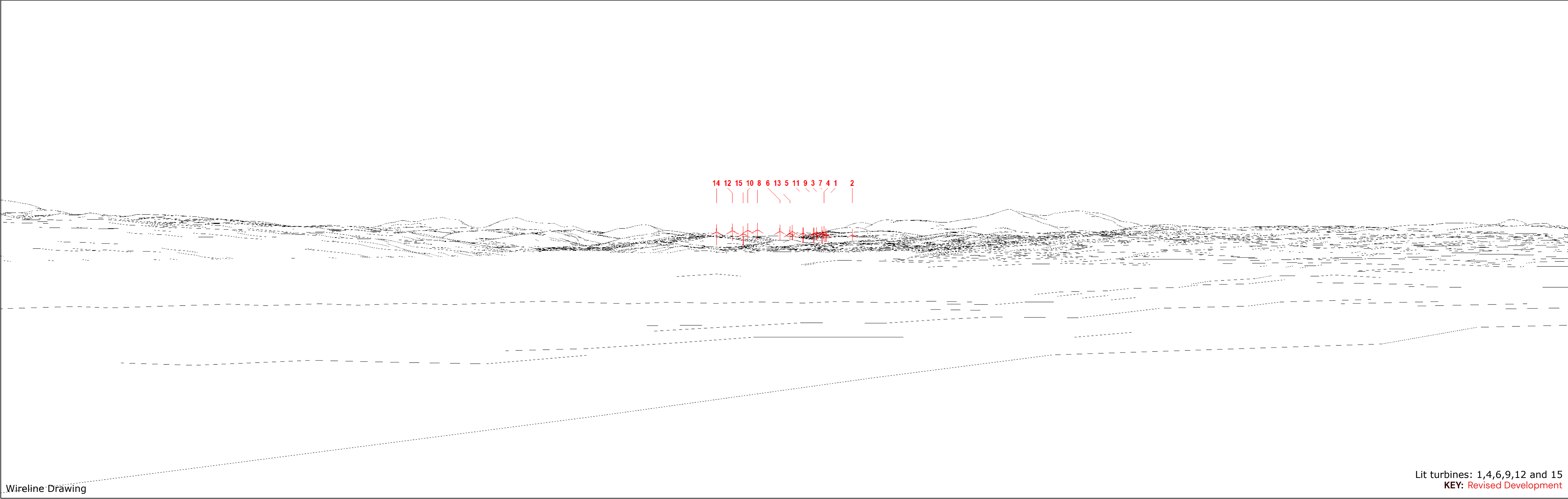
Further technical information can be found in Appendix 6.8 Night-time Lighting Assessment Methodology.



Baseline Photograph



Cumulative Wireline Drawing

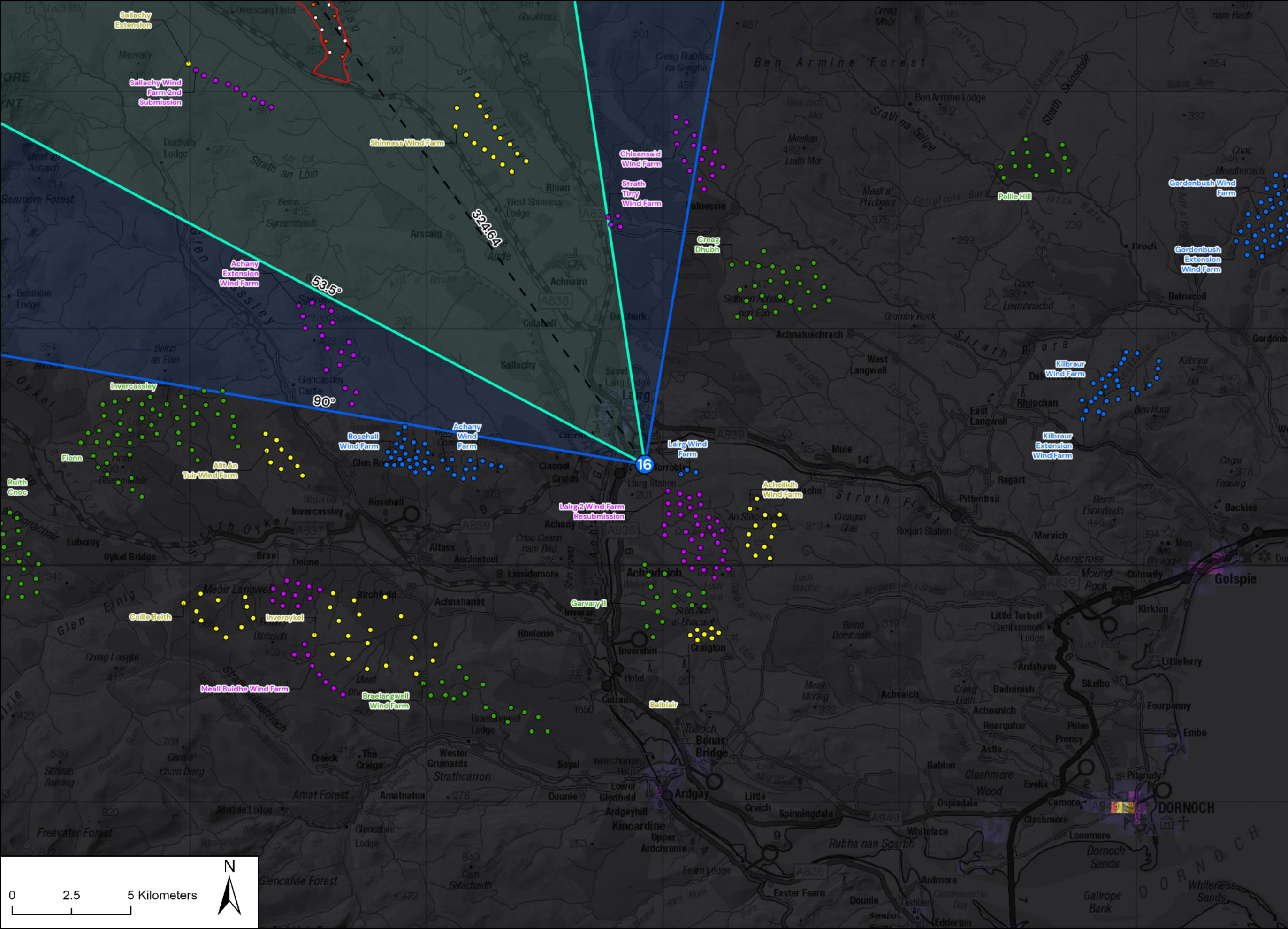


Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15
KEY: Revised Development

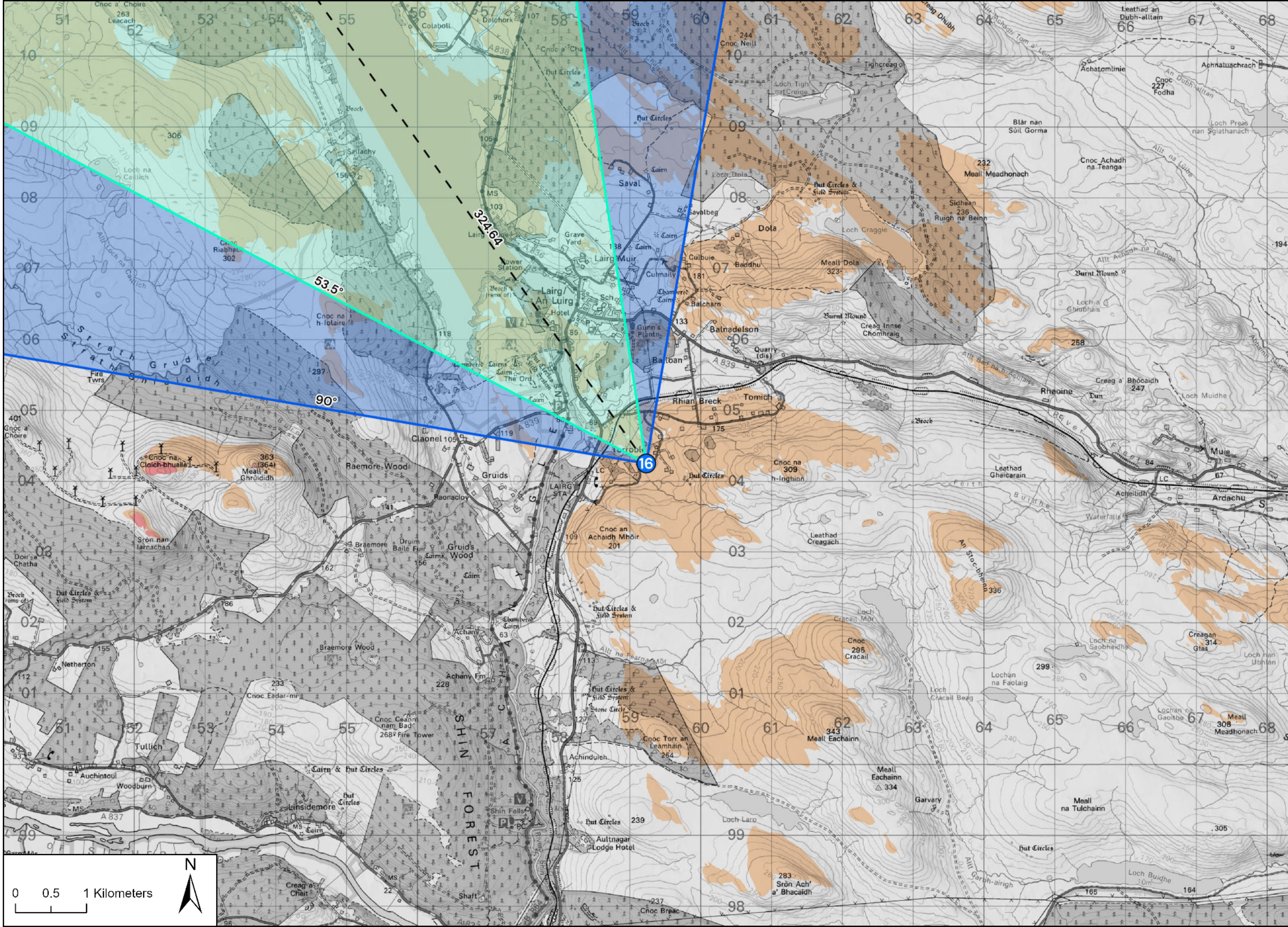


Photomontage



Viewpoint Location Plan - Site Context, Cumulative Wind Farms and Dark Sky Baseline Satellite Image - Scale 1:150,000

COILLE LINNE WIND FARM - FEI



Viewpoint Location Plan - Visual Extents and Turbine Lighting Intensity ZTV - Scale 1:50,000

Key

- Application Boundary
- Revised Turbine (No Aviation Light)
- Revised Turbine Fitted with Steady Red Aviation Light

Other Wind Farms (Status)

- Operational; Constructed
- Consented
- In Planning
- Scoping

Viewpoint Information

- L VIA Viewpoint
- Centre of Visualisation (Bearing)
- 53.5° Field of View
- 90° Field of View

NASA Black Marble (2024)

High Radiance

Low Radiance

NASA Black Marble VNP46A4 annual composite. Data provided by the NASA LAADS DAAC through the Earth Science Data and Information System (ESDIS).

Turbine Lighting Intensity ZTV

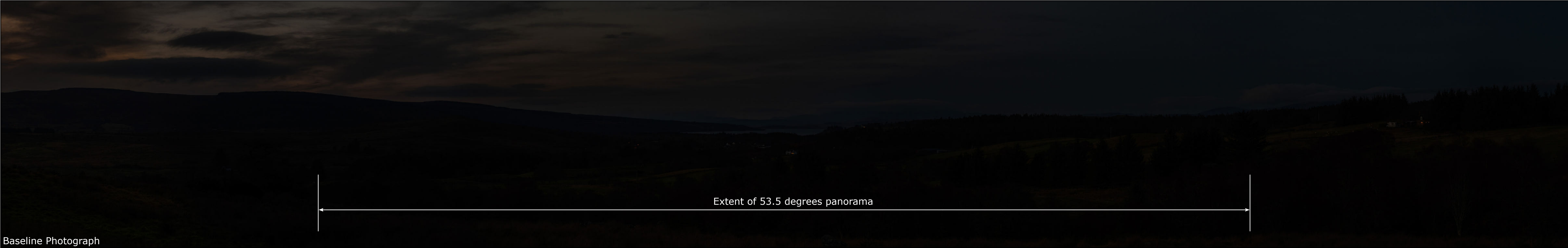
INTENSITY OF TURBINE LIGHT SHOWN IN CANDELA (CD)

VERTICAL ANGLE	2000 CD LIGHT	200 CD LIGHT
3° TO 0°	UP TO 2500 CD	UP TO 250 CD
0° TO -1°	2185 CD TO 982 CD	218 CD TO 98 CD
-1° TO -2°	982 CD TO 413 CD	98 CD TO 41 CD
-2° TO -3°	413 CD TO 217 CD	41 CD TO 21 CD
-3° TO -4°	217 CD TO 172 CD	21 CD TO 17 CD
BELOW -4°	BELOW 172 CD	BELOW 17 CD

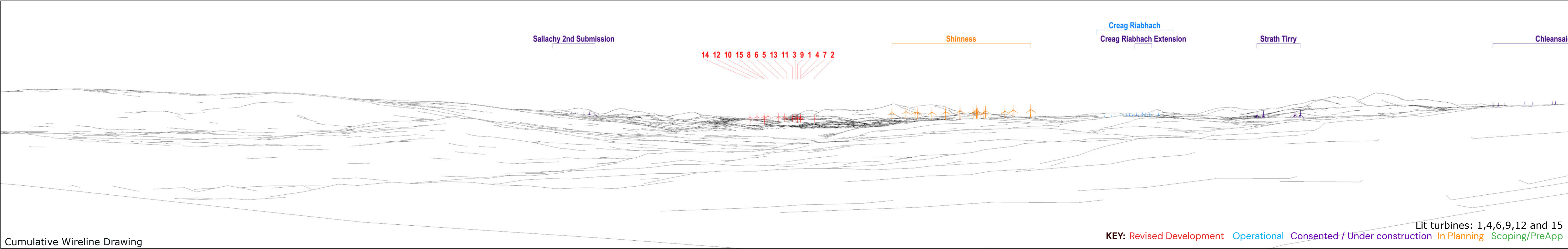
NOTES

- A reduced lighting scheme has been agreed with the Civil Aviation Authority (CAA) and it is proposed six of the fifteen turbines would be lit (T1, T4, T6, T9, T12 and T15).
- The visible turbine lights 'will be switched on between Evening Civil Twilight and Morning Civil Twilight. Approximately 11 hours per day averaged over the year.'
- Civil Aviation Authority SARG Policy Statement (2017) states 'If the horizontal meteorological visibility in all directions from every wind turbine generator in a group is more than 5 km, the intensity for the light positioned as close as practicable to the top of the fixed structure required to be fitted to any generator in the wind farm and displayed may be reduced to not less than 10% of the minimum peak intensity.'
- The lighting intensity for each of the vertical angles shown in the above table has been provided by Contamex (Light Bulb Manufacturer) and is based on optimal test conditions in a calibration chamber.
- The perception of theoretical candela intensity does not take account of atmospheric attenuation (reduction in brightness over distance).
- The ZTV does not take account of surface features such as buildings or forestry.
- The ZTV has been produced using OS Terrain 5 height data and calculates the difference in vertical angle between the turbine lights and the study area.
- The ZTV represents a reasonable worst case and the theoretical lighting intensity illustrated may be the result of a single turbine within the group.
- Actual visibility is likely to be less than predicted due to a range of other factors considered in Appendix 6.8 of the L VIA which include the darkness adaptation of individual receptors and weather obscuration.

Further technical information can be found in Appendix 6.8 Night-time Lighting Assessment Methodology.



Baseline Photograph



Cumulative Wireline Drawing

Viewpoint Information

OS Reference: E259231, N904250
Ground level: 138m (AOD)

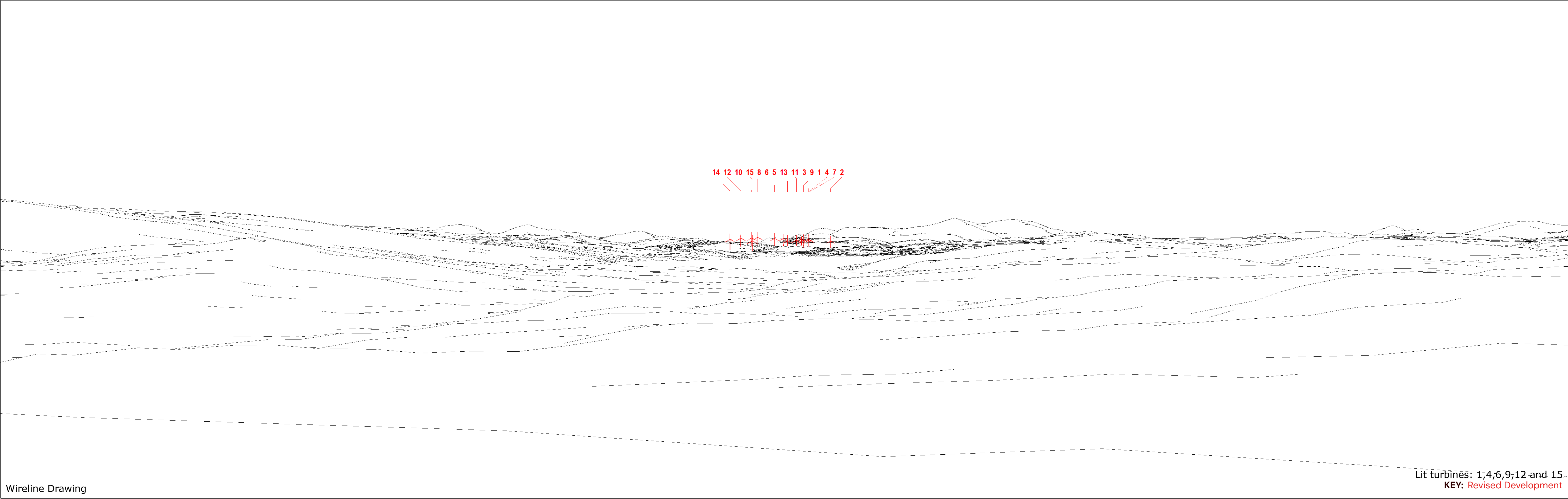
Distance to nearest turbine: 21454m (T15)
Bearing to centre of photograph: 324.64°

Angle of view: 90° (cylindrical)
Principal distance: 500mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260mm

Camera: Nikon Z 6 II, FFS
Lens: 50mm Fixed Focal Lens
Height: 1.5m
Date & Time: 04/12/2025 @ 16:07

Sunset time: 15:33 (source; <https://www.suncalc.org/>)



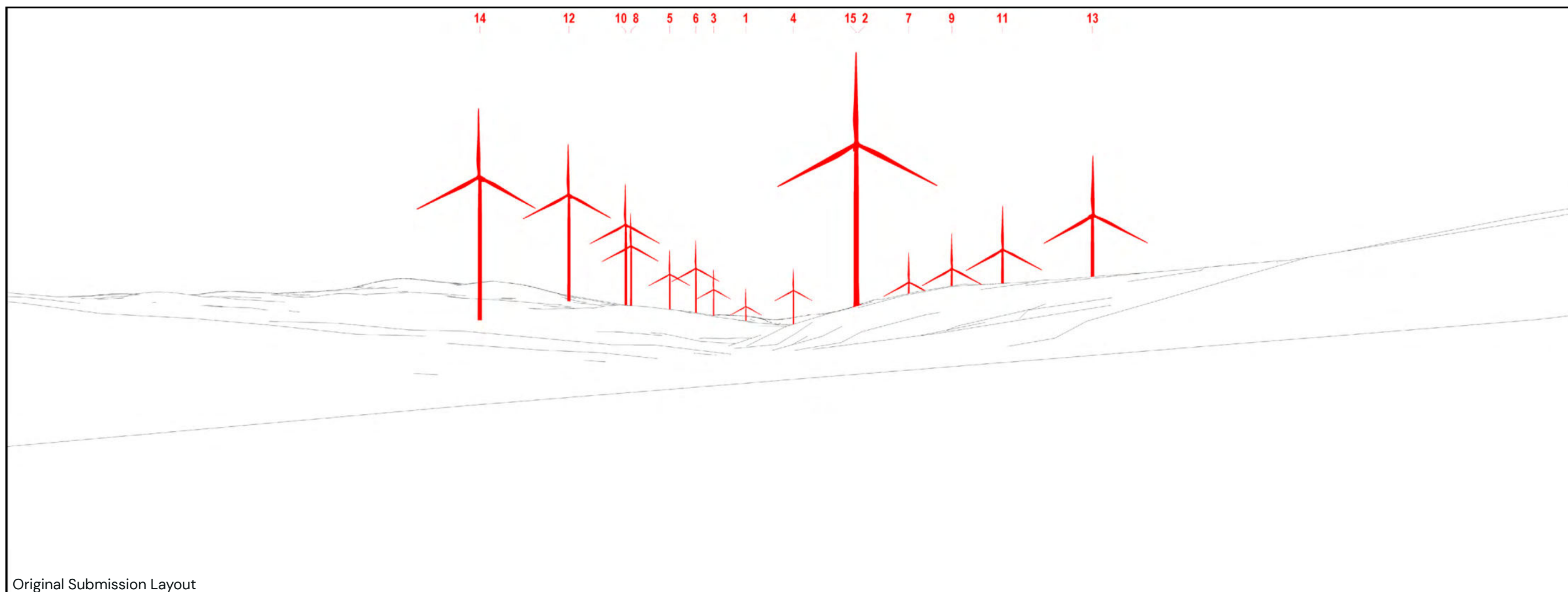


Wireline Drawing

Lit turbines: 1,4,6,9,12 and 15.
KEY: Revised Development

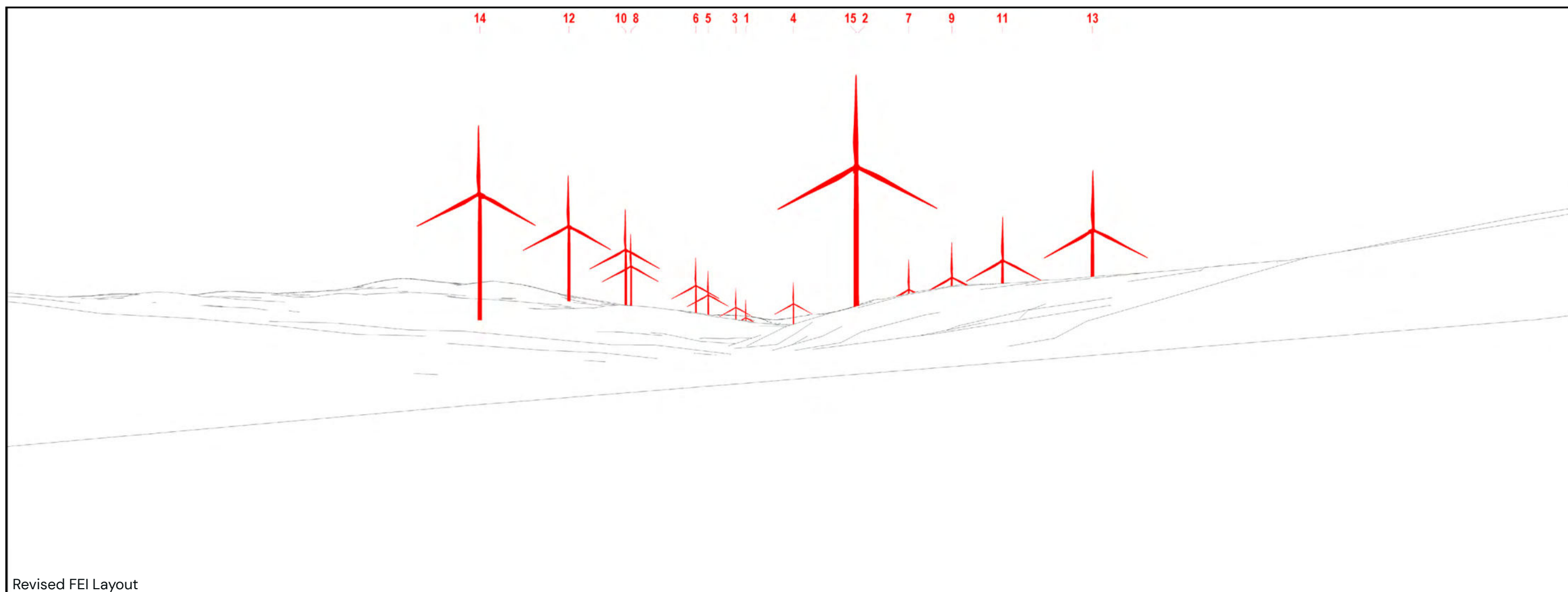


Photomontage



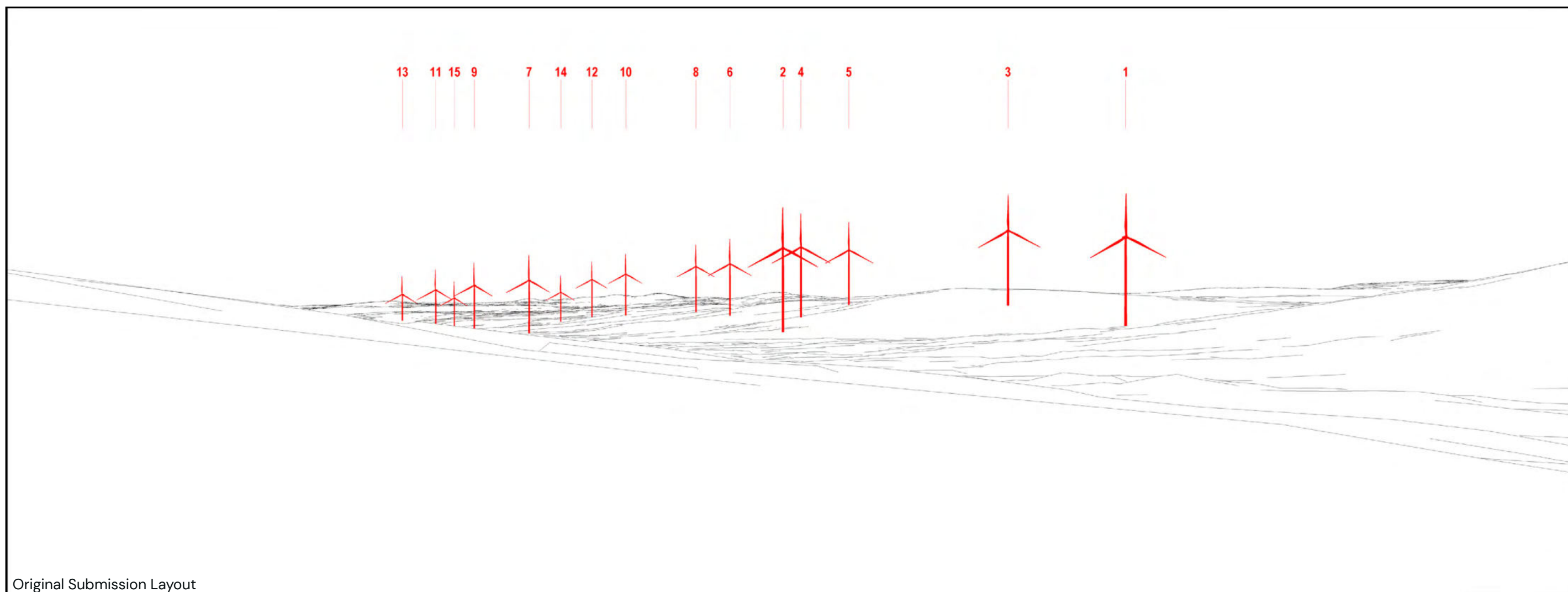
Viewpoint 1: A838 near Fiag Bridge

65.5 degree wireline



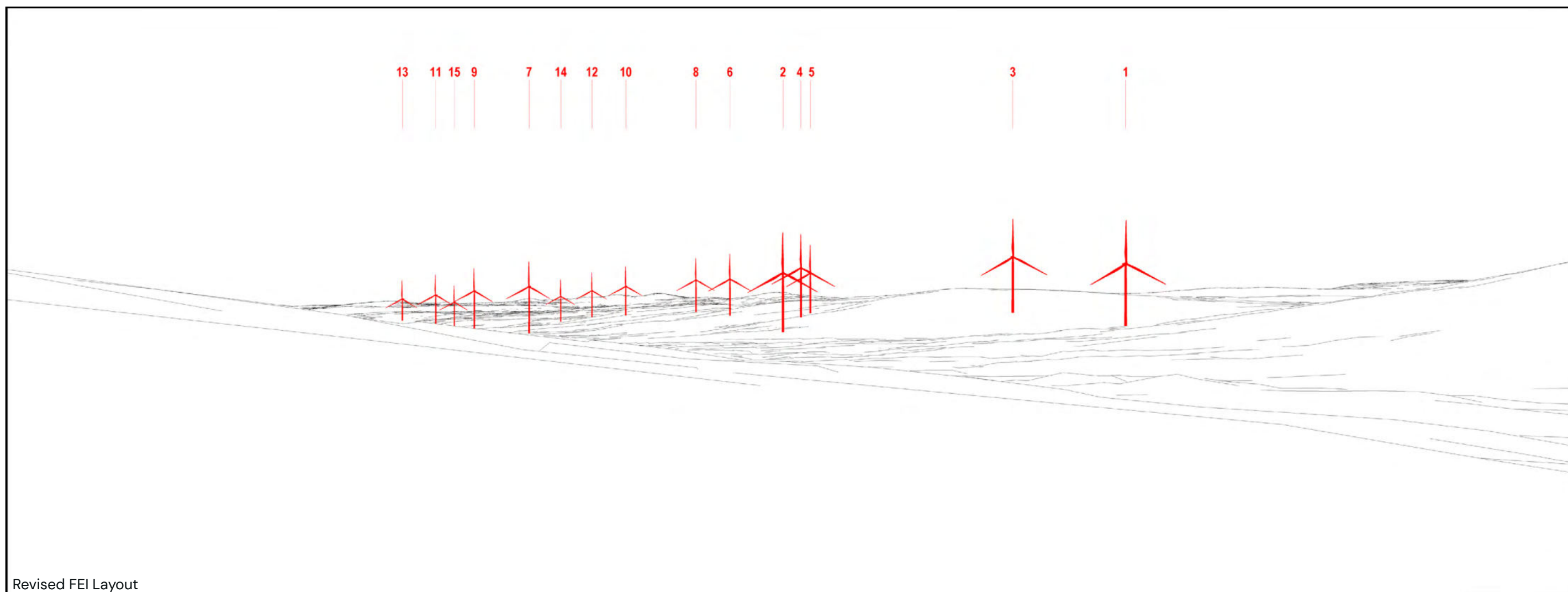
Viewpoint 1: A838 near Fiag Bridge

65.5 degree wireline



Viewpoint 2: Loch Fiag

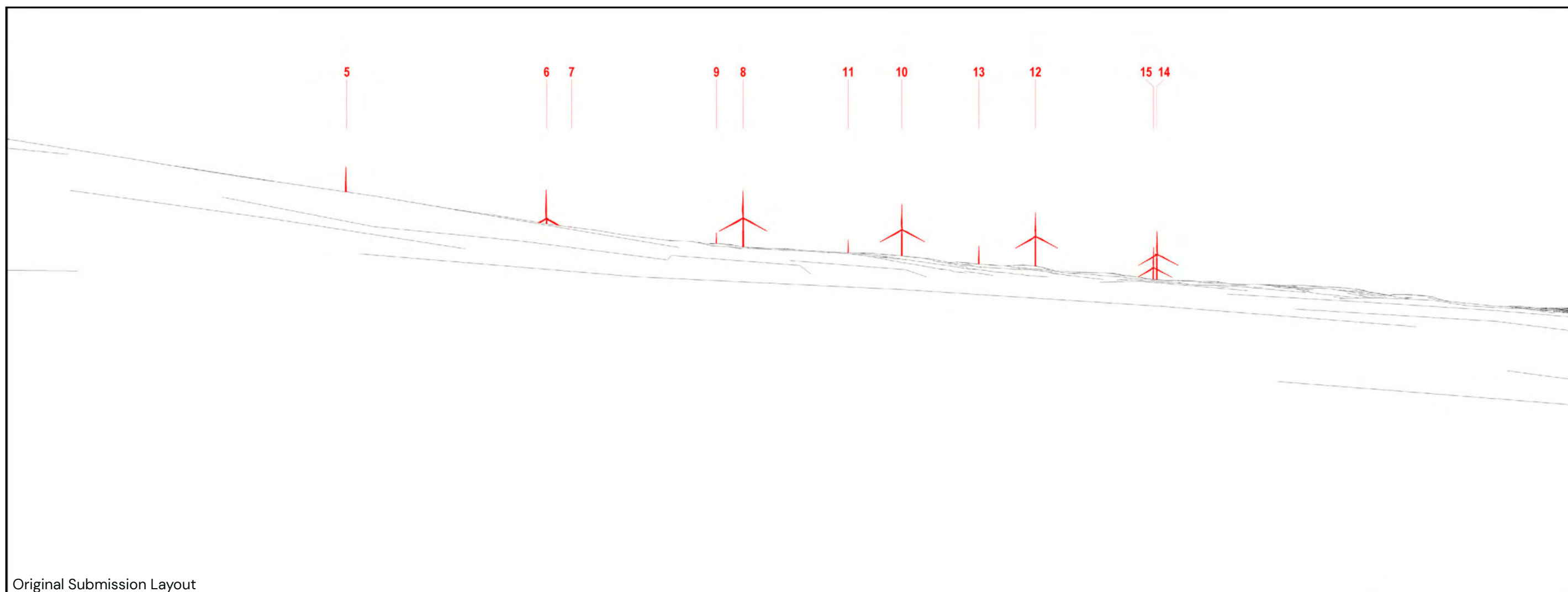
65.5 degree wireline



Revised FEI Layout

Viewpoint 2: Loch Fiag

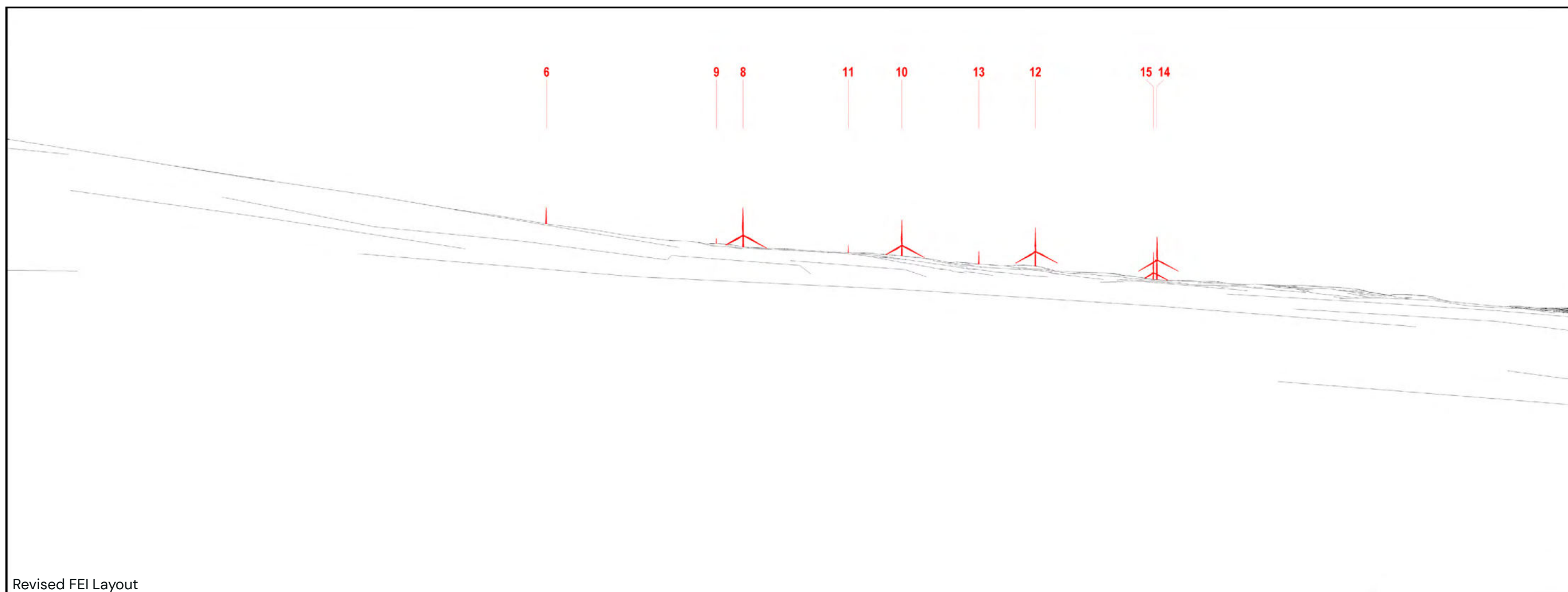
65.5 degree wireline



Original Submission Layout

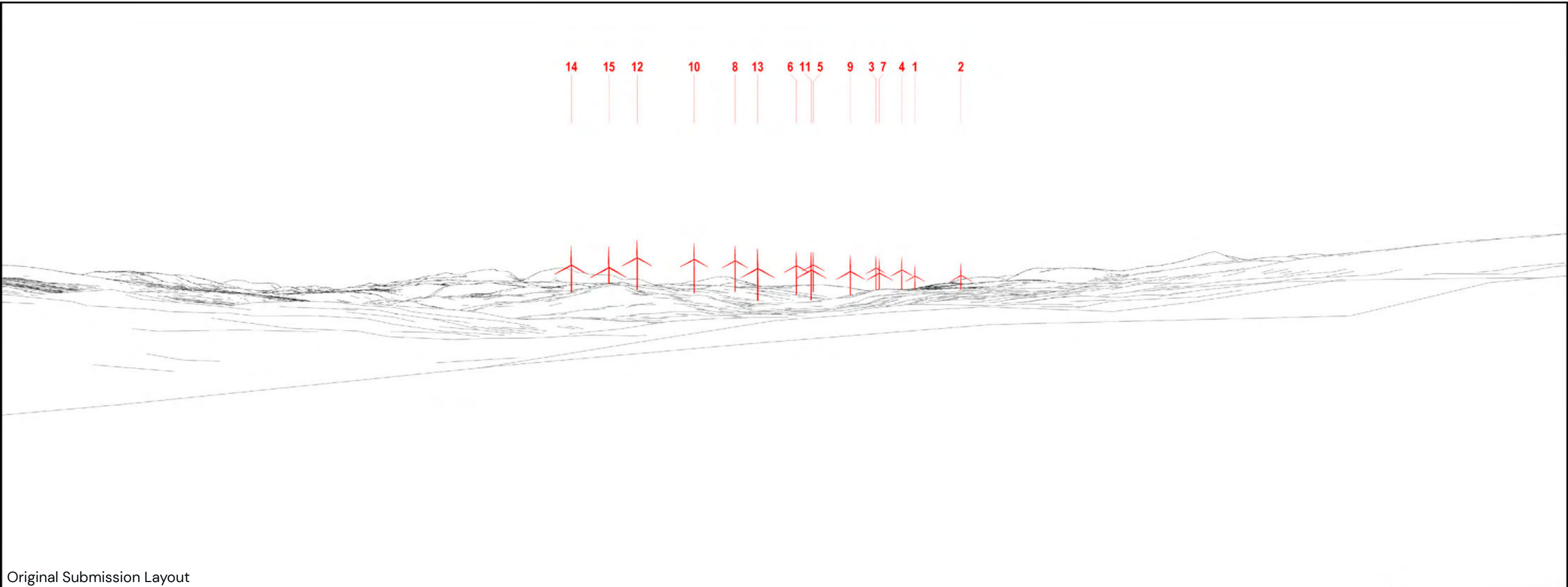
Viewpoint 3: A838 near Overscaig Hotel

65.5 degree wireline



Viewpoint 3: A838 near Overscaig Hotel

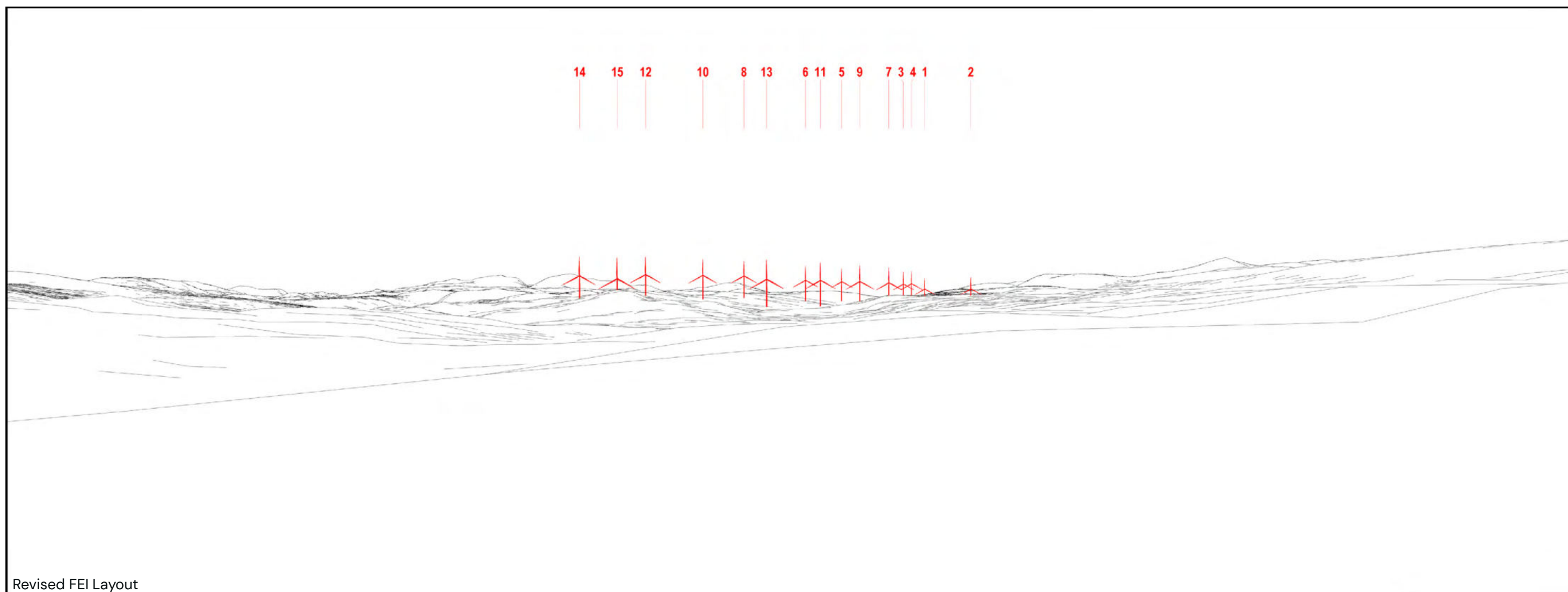
65.5 degree wireline



Original Submission Layout

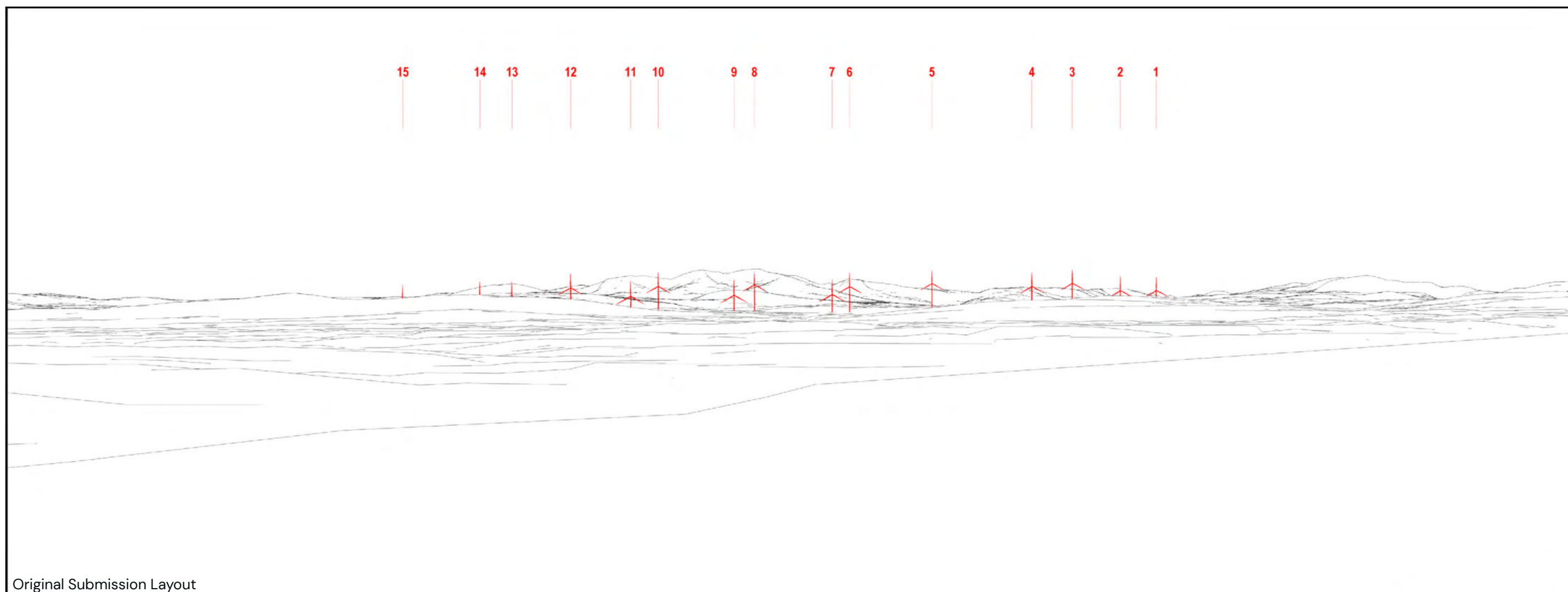
Viewpoint 4: A838 near Sithean Dubh Mor

65.5 degree wireline



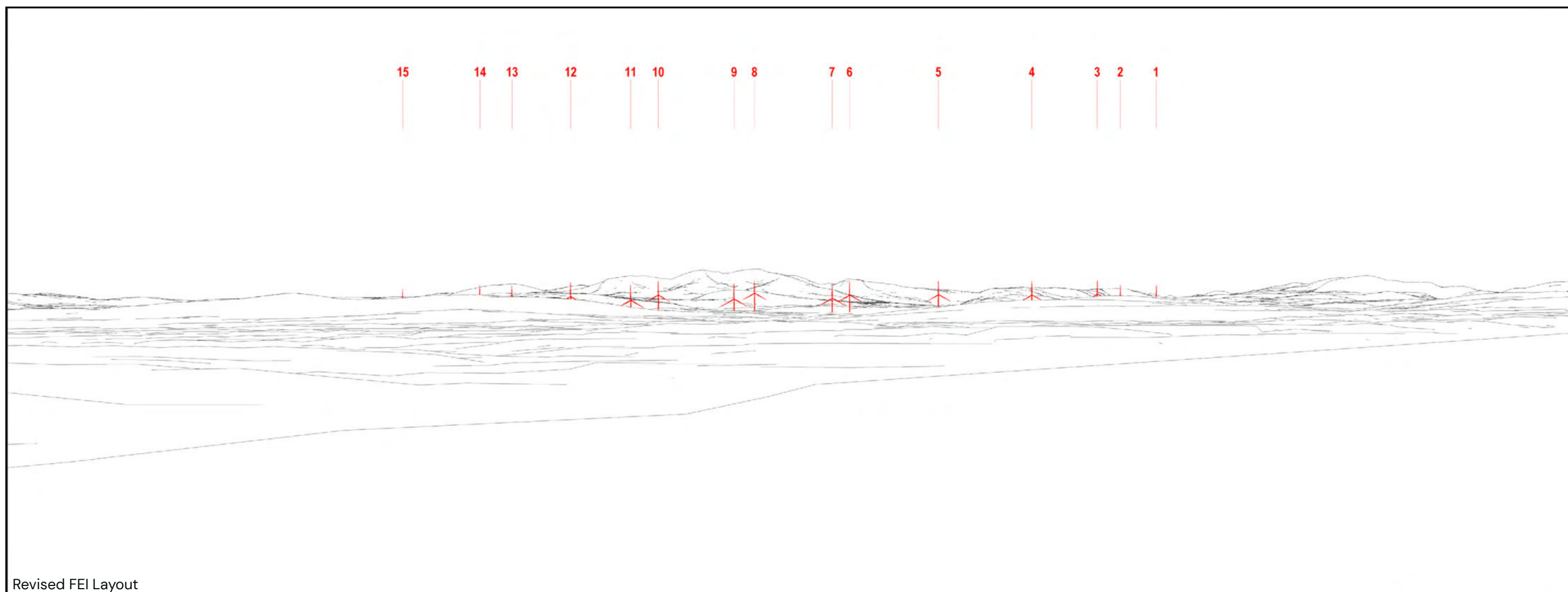
Viewpoint 4: A838 near Sithean Dubh Mor

65.5 degree wireline



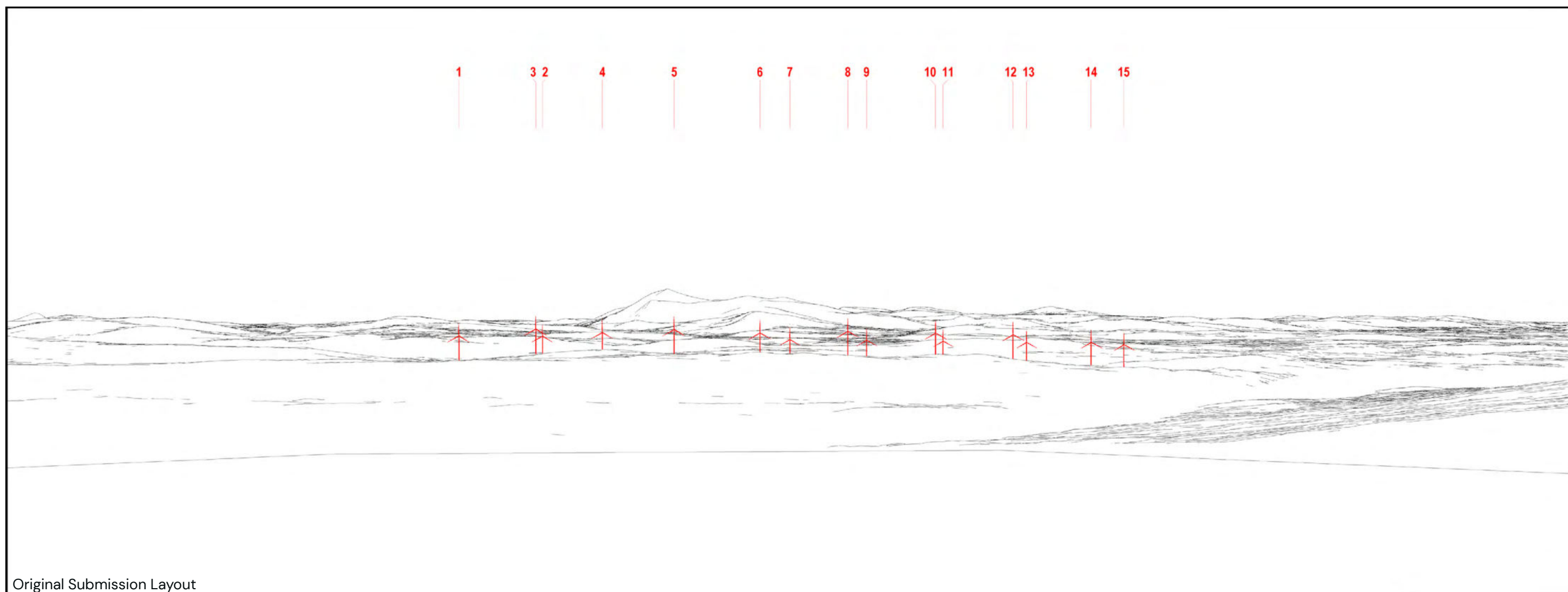
Viewpoint 5: A836 near Crask Inn

65.5 degree wireline



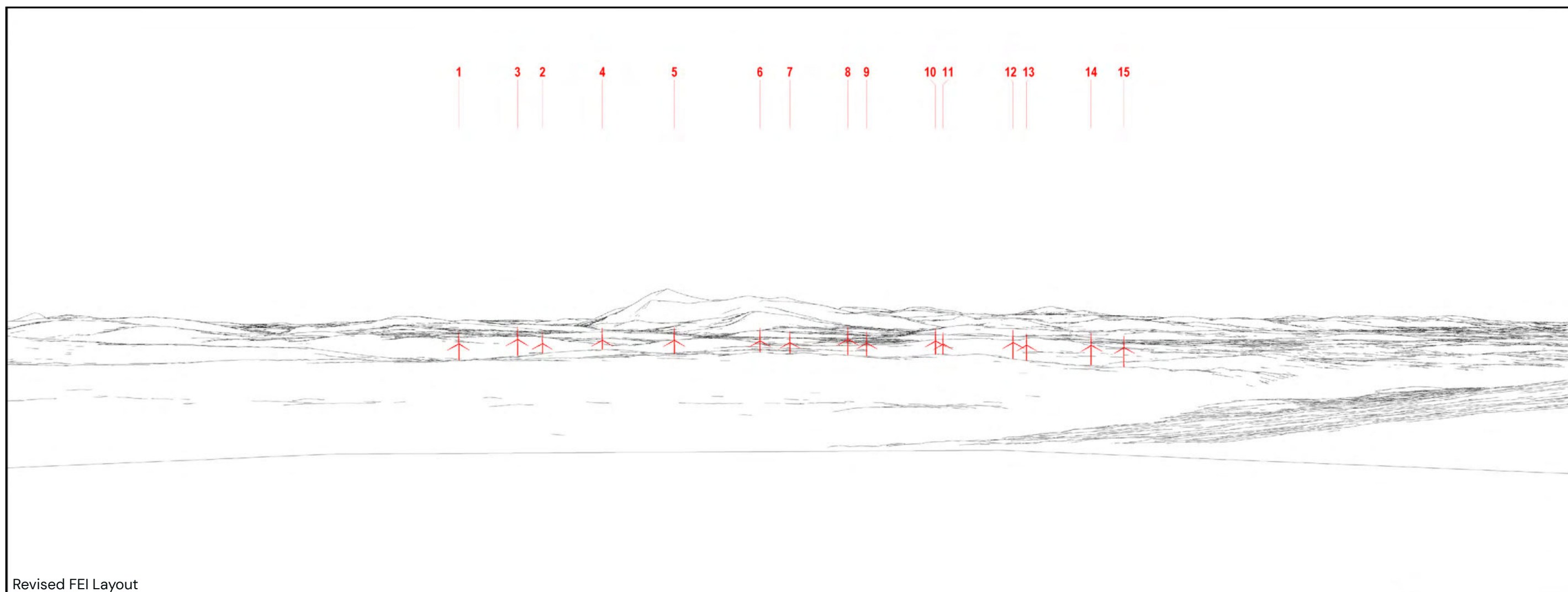
Viewpoint 5: A836 near Crask Inn

65.5 degree wireline



Viewpoint 6: Maovally

65.5 degree wireline



Viewpoint 6: Maovally

65.5 degree wireline



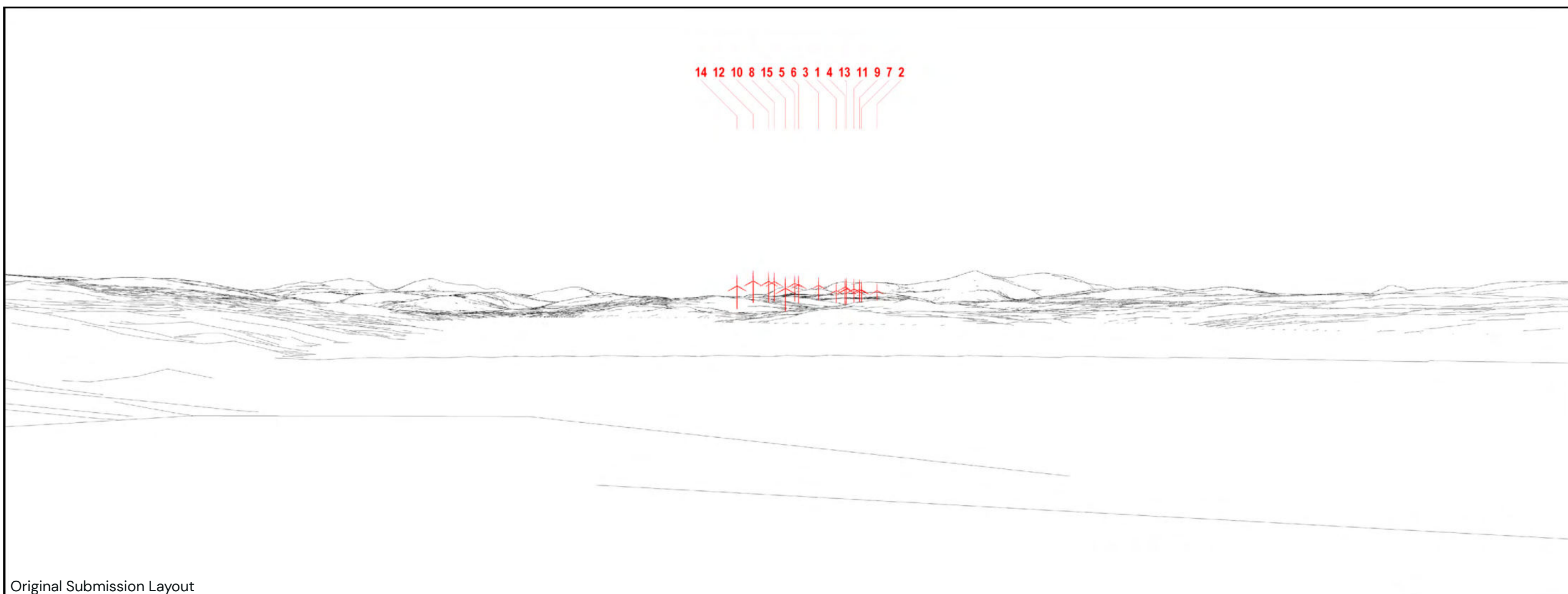
Viewpoint 7: Ben Hee

65.5 degree wireline



Viewpoint 7: Ben Hee

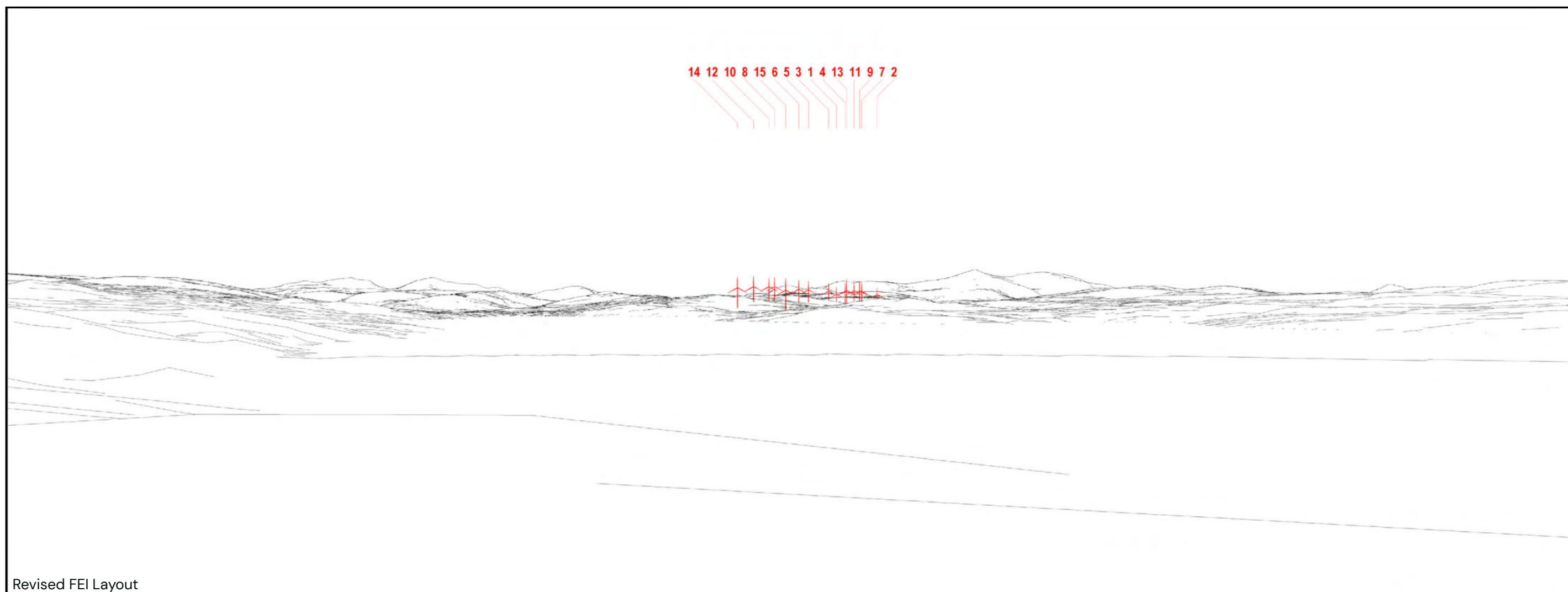
65.5 degree wireline



Original Submission Layout

Viewpoint 8: Arscaig

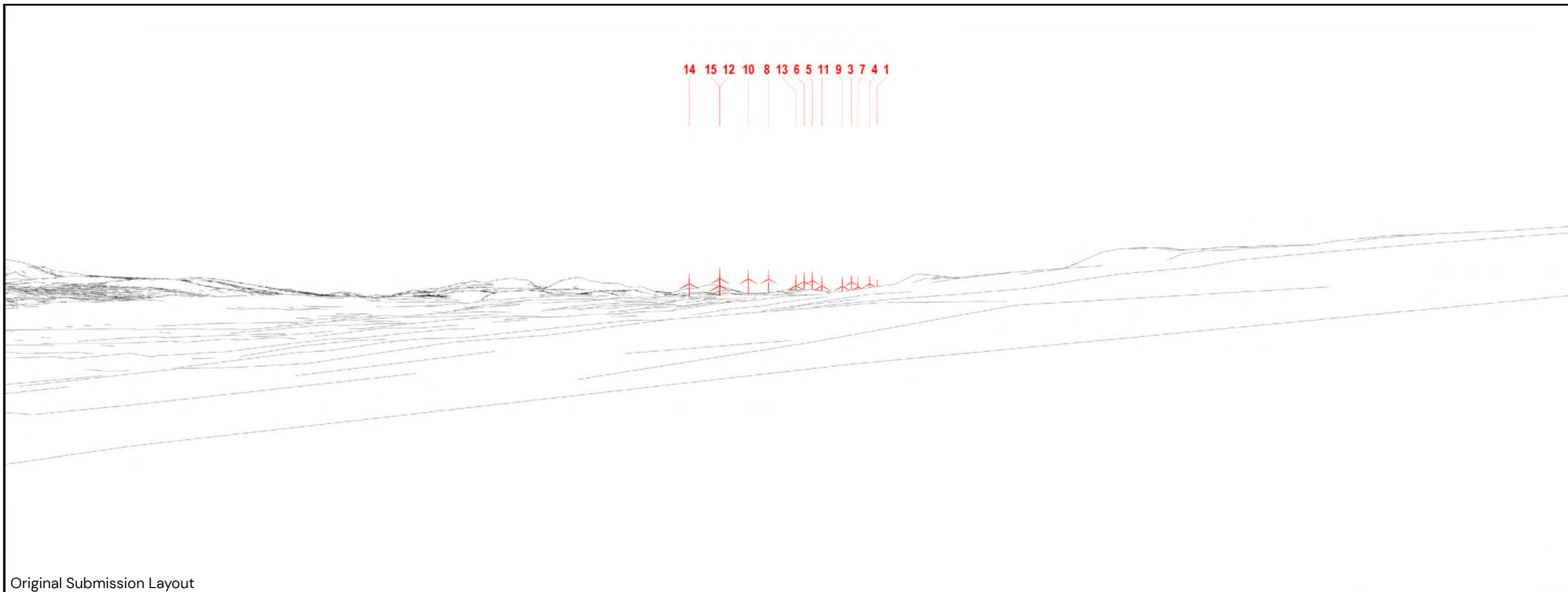
65.5 degree wireline



Revised FEI Layout

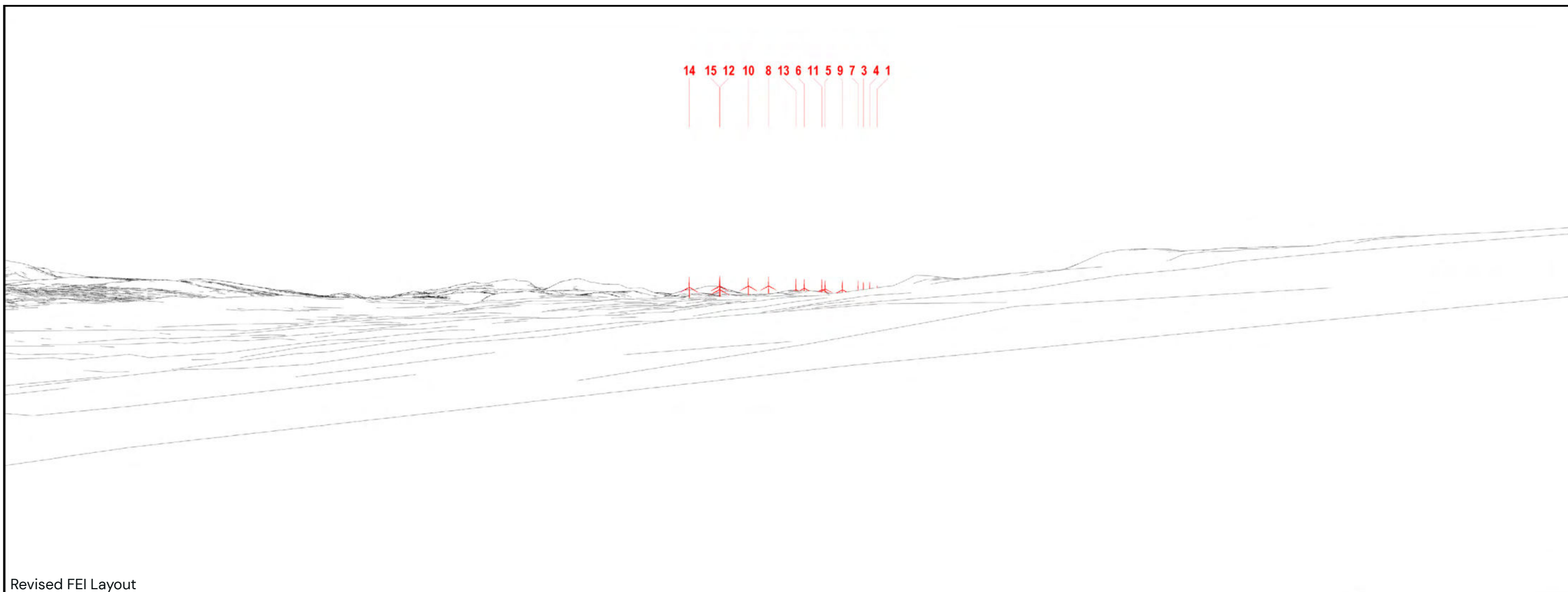
Viewpoint 8: Arscaig

65.5 degree wireline



Viewpoint 9: A838 near West Shinness Lodge

65.5 degree wireline



Viewpoint 9: A838 near West Shinness Lodge

65.5 degree wireline



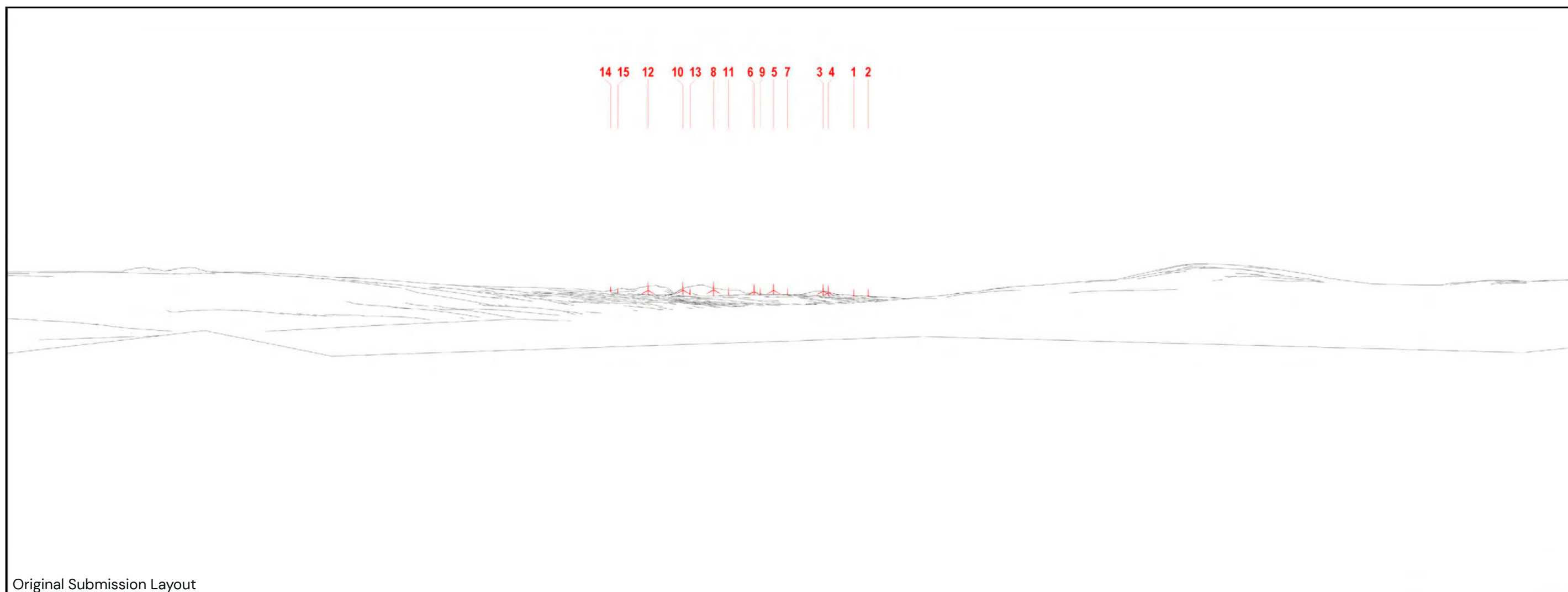
Viewpoint 10: Ben Sgeireach

65.5 degree wireline



Viewpoint 10: Ben Sgeireach

65.5 degree wireline



Original Submission Layout

Viewpoint 11: A836 Rhian Bridge

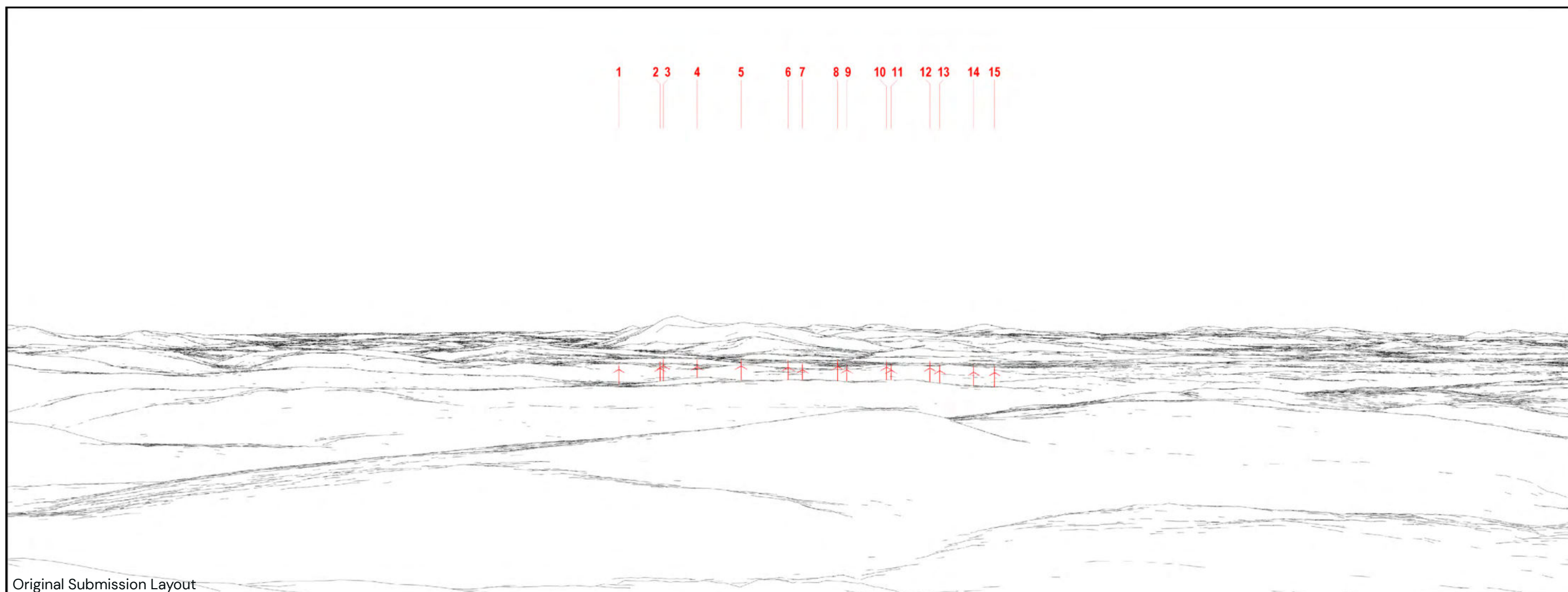
65.5 degree wireline



Revised FEI Layout

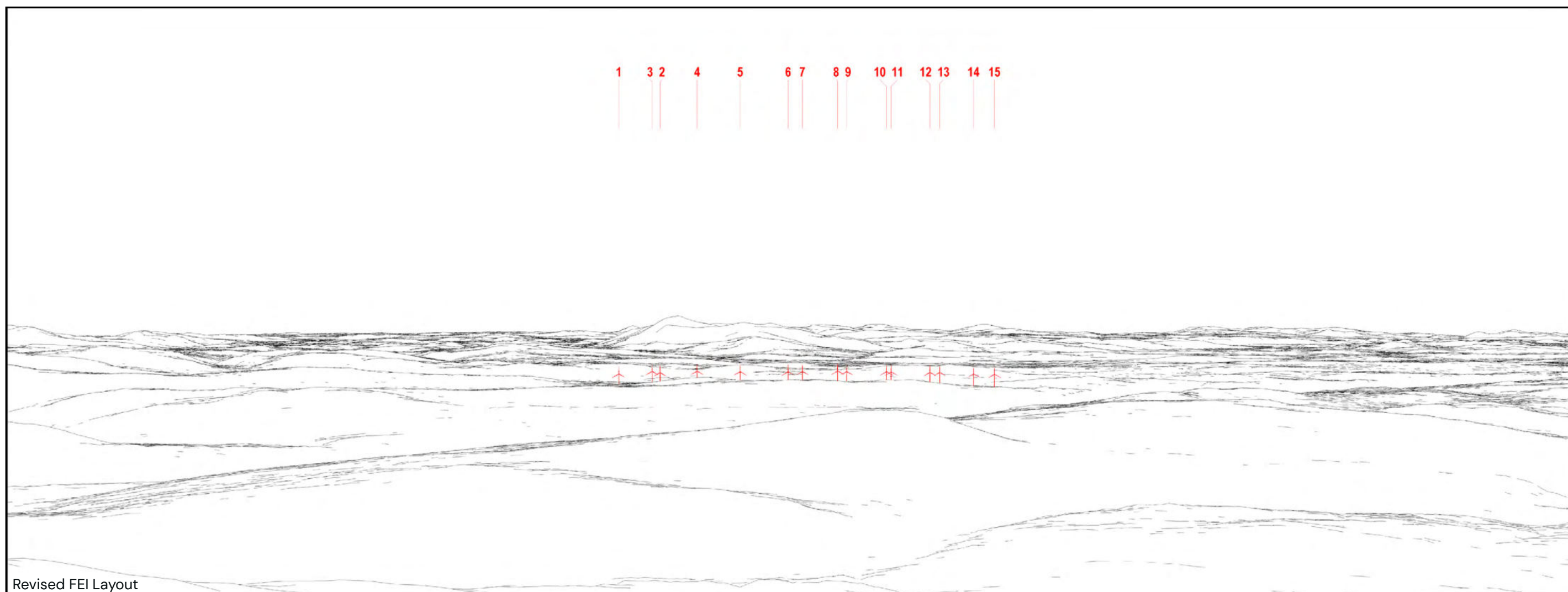
Viewpoint 11: A836 Rhian Bridge

65.5 degree wireline



Viewpoint 12: Ben More Assynt

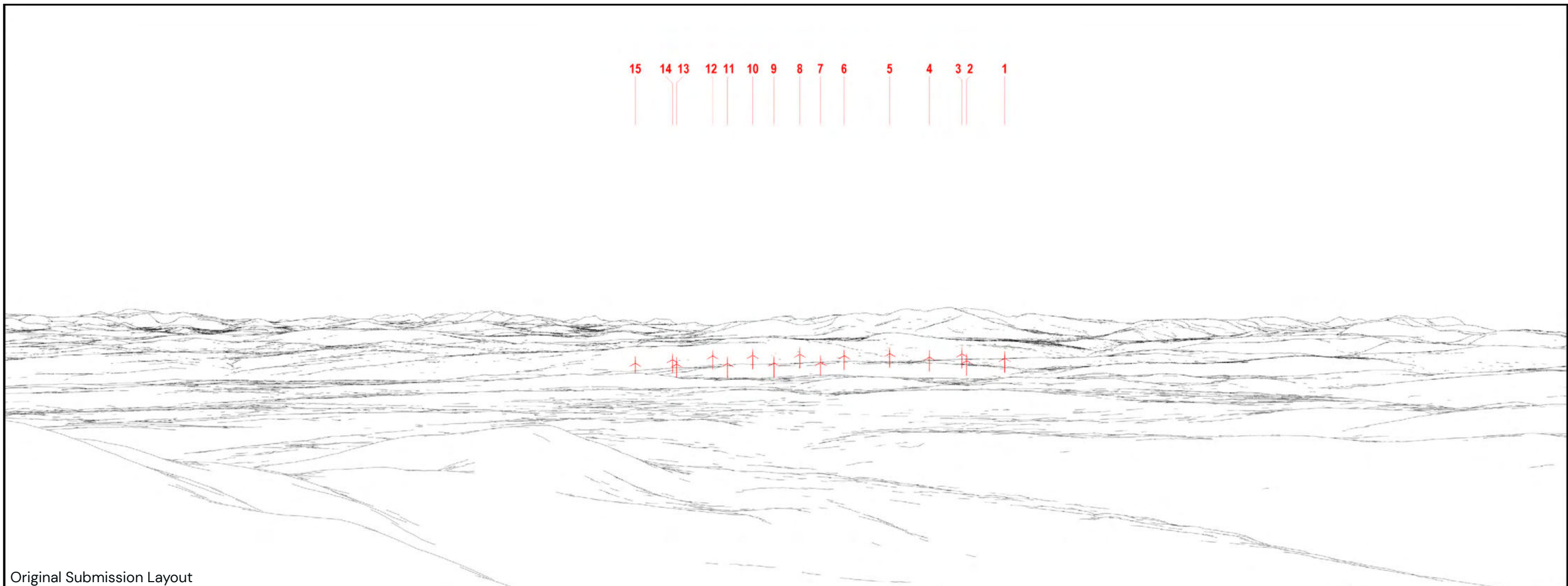
65.5 degree wireline



Viewpoint 12: Ben More Assynt

65.5 degree wireline

15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



Original Submission Layout

Viewpoint 13: Ben Klibreck (Meall nan Con)

65.5 degree wireline

15 14 13 12 11 10 9 8 7 6 5 4 2 3 1



Revised FEI Layout

Viewpoint 13: Ben Klibreck (Meall nan Con)

65.5 degree wireline



Original Submission Layout

Viewpoint 14: A836 near An t-Sron

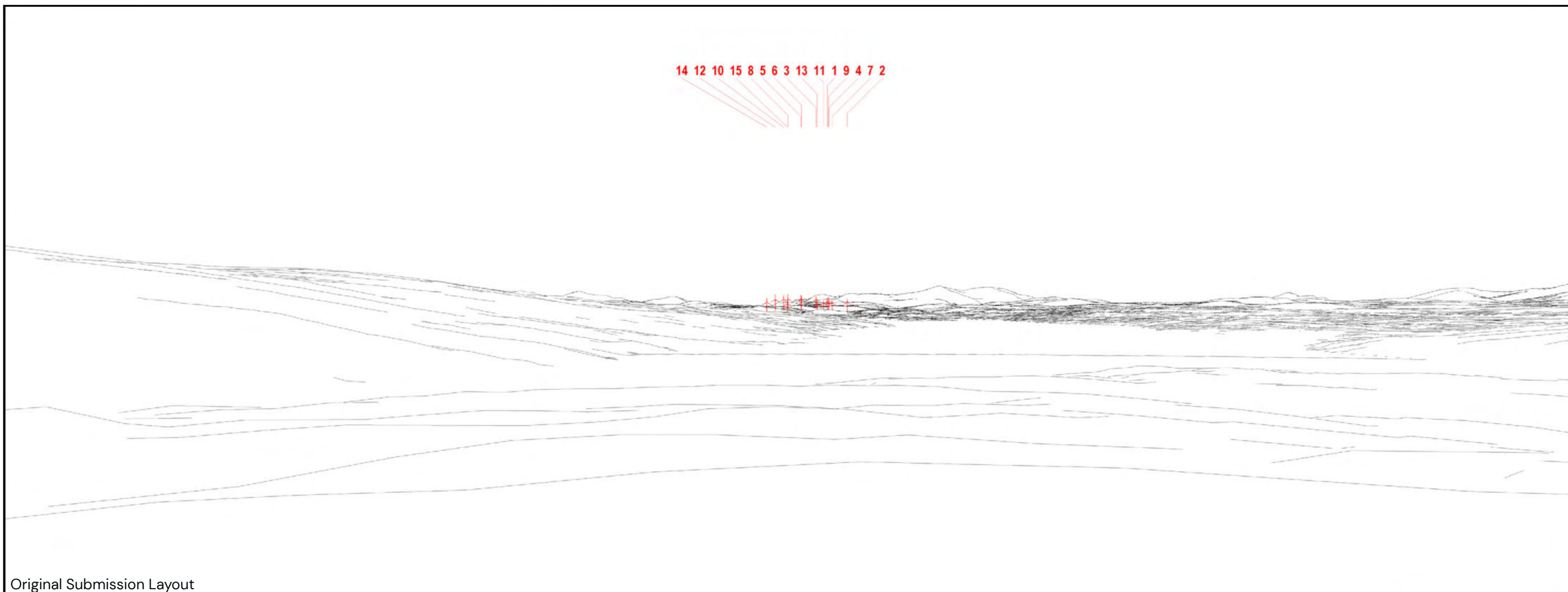
65.5 degree wireline



Revised FEI Layout

Viewpoint 14: A836 near An t-Sron

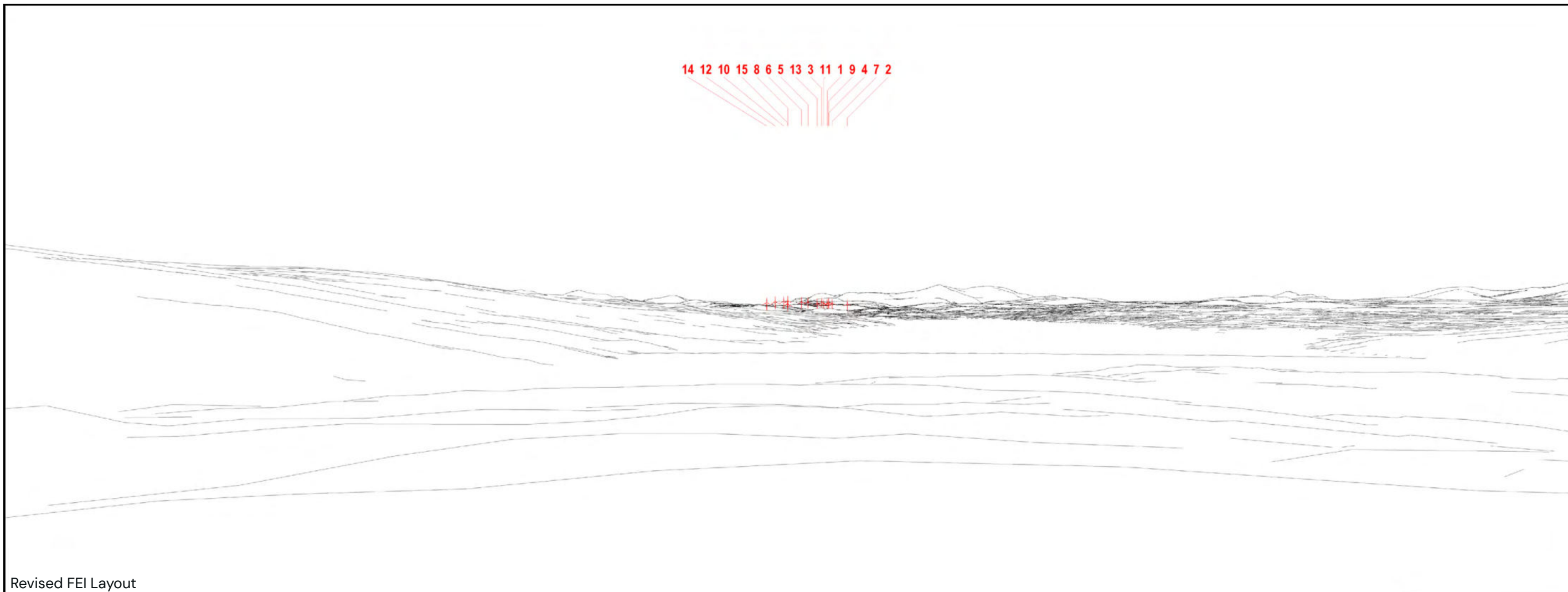
65.5 degree wireline



Original Submission Layout

Viewpoint 15: The Ord

65.5 degree wireline



Viewpoint 15: The Ord

65.5 degree wireline

14 12 10 15 8 6 5 13 3 11 9 4 1 7 2

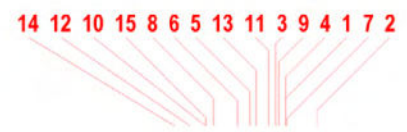
14 12 10 15 8 6 5 13 3 11 9 4 1 7 2

Original Submission Layout

Viewpoint 16: Torroble

65.5 degree wireline

14 12 10 15 8 6 5 13 11 3 9 4 1 7 2



Revised FEI Layout

Viewpoint 16: Torroble

65.5 degree wireline





A – Beinn Leoid

65.5 degree wireline



A - Beinn Leoid

65.5 degree wireline



B - Ben Hope

65.5 degree wireline



B - Ben Hope

65.5 degree wireline

15 13 14 11 12 9 10 7 8 6 5 4 2 3 1



65.5 degree wireline

Original Submission Layout

C – Ben Loyal

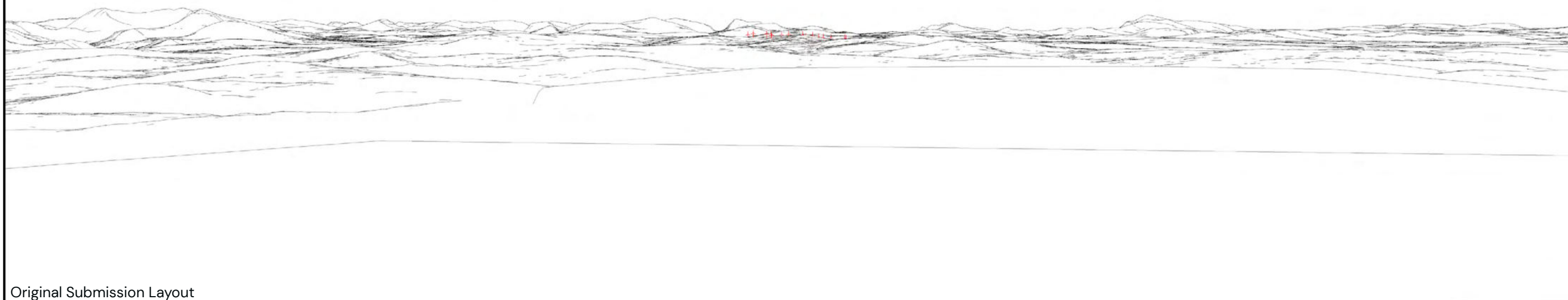
65.5 degree wireline



C – Ben Loyal

65.5 degree wireline

1 3 5 4 2 6 8 10 7 12 9 14 11 13 15



Original Submission Layout

D – Carn a’ Choin Deirg

65.5 degree wireline



D – Carn a’ Choin Deirg

65.5 degree wireline