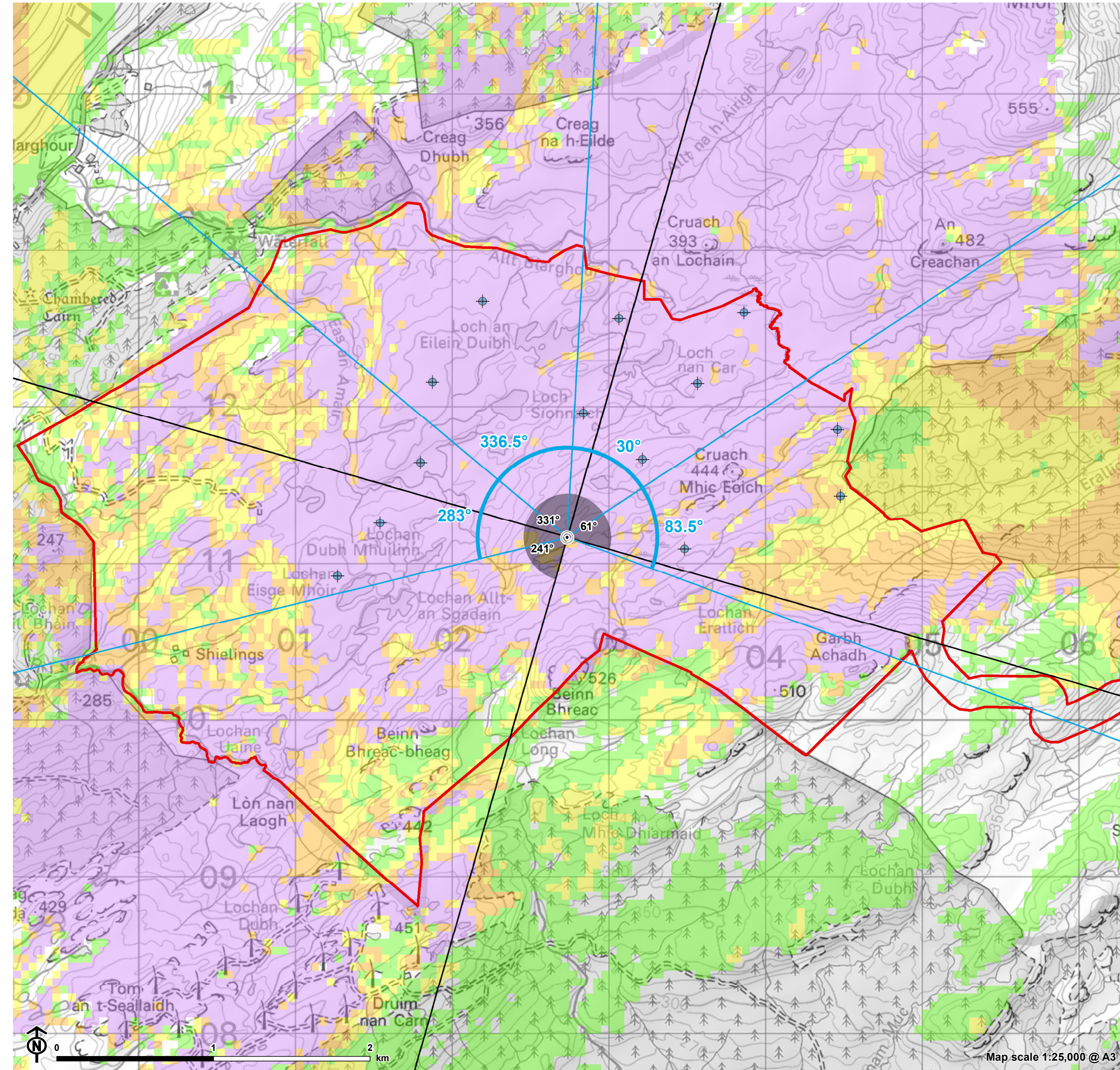
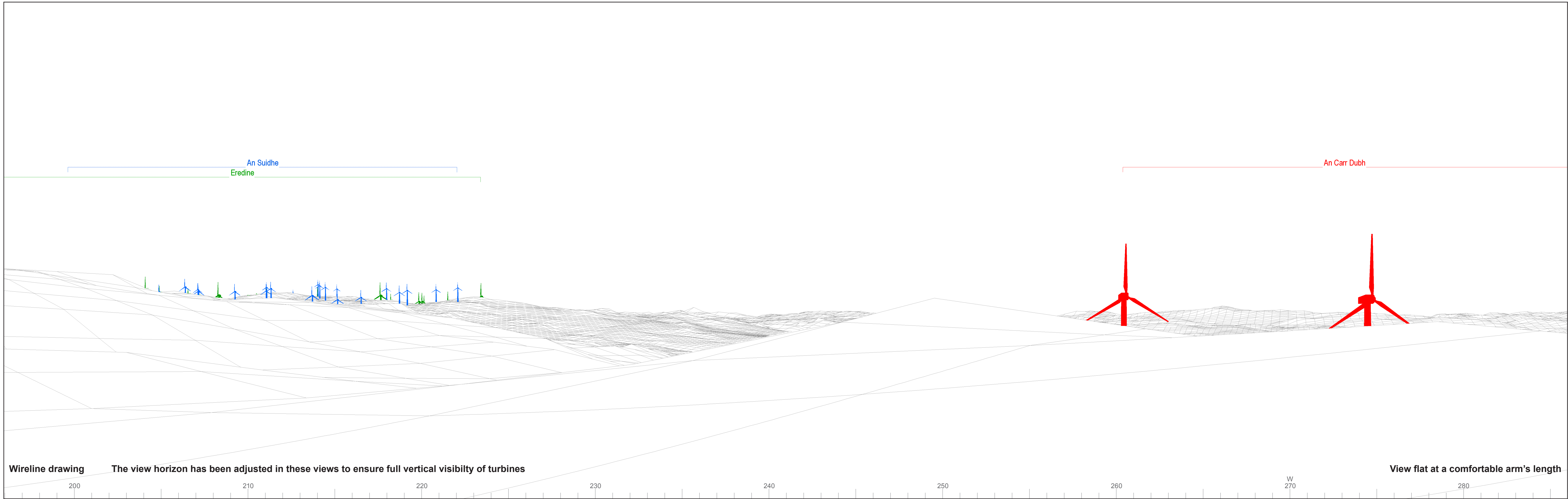


Figure 10.5.13:  
Viewpoint CH13 - Lochan Long shielings (WK-2)



- Site boundary
  - + Turbine layout
  - 5km intervals from outermost turbines
  - 45km from outermost turbines
  - Viewpoint
- Theoretical blade tip visibility (180m)**
- 1-3 turbines visible
  - 4-6 turbines visible
  - 7-9 turbines visible
  - 10-13 turbines visible
  - 10-13 turbines visible
- ∠ 53.5° Field of View
- ∨ 90° Field of View

The ZTV is calculated to turbine tip height (180m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.



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**Wireline drawing**      **The view horizon has been adjusted in these views to ensure full vertical visibility of turbines**

**View flat at a comfortable arm's length**

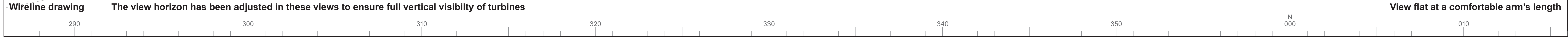
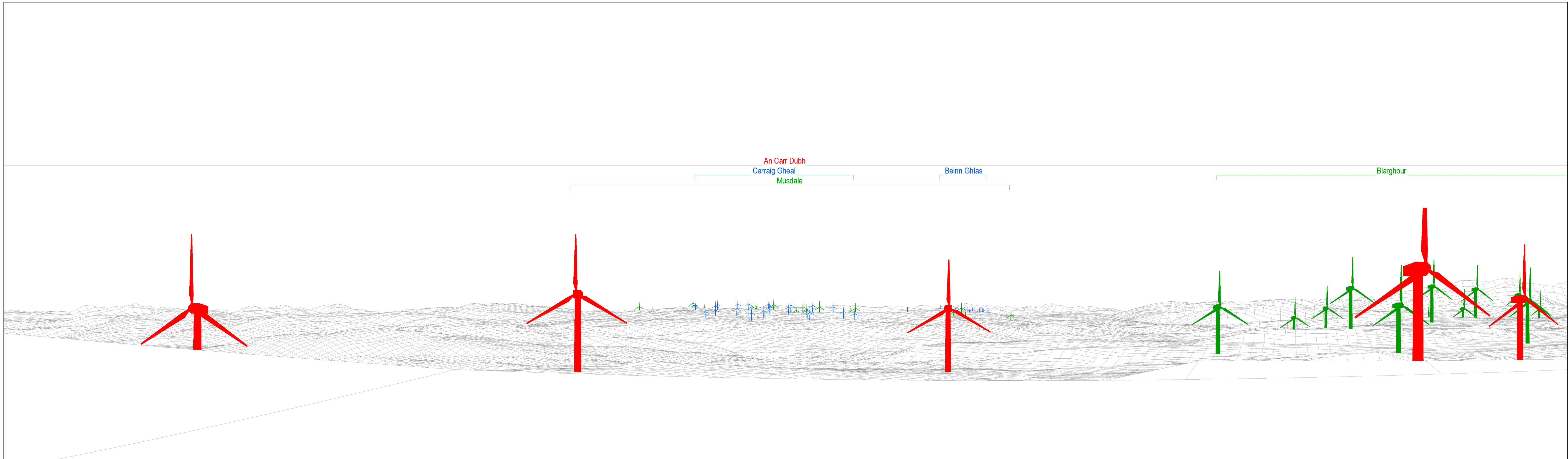


OS reference:	202735E 711166N	Horizontal field of view:	90° (cylindrical projection)
AOD:	440.83 m	Principal distance:	812.5 mm
Direction of view:	241°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.69 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

An Càrr Dubh Wind Farm  
**Figure: CH13a**  
CHVP13: Lochan Long shielings (WK-2)



OS reference: 202735E 711166N  
 AOD: 440.83 m  
 Direction of view: 331°  
 Nearest turbine: 0.69 km

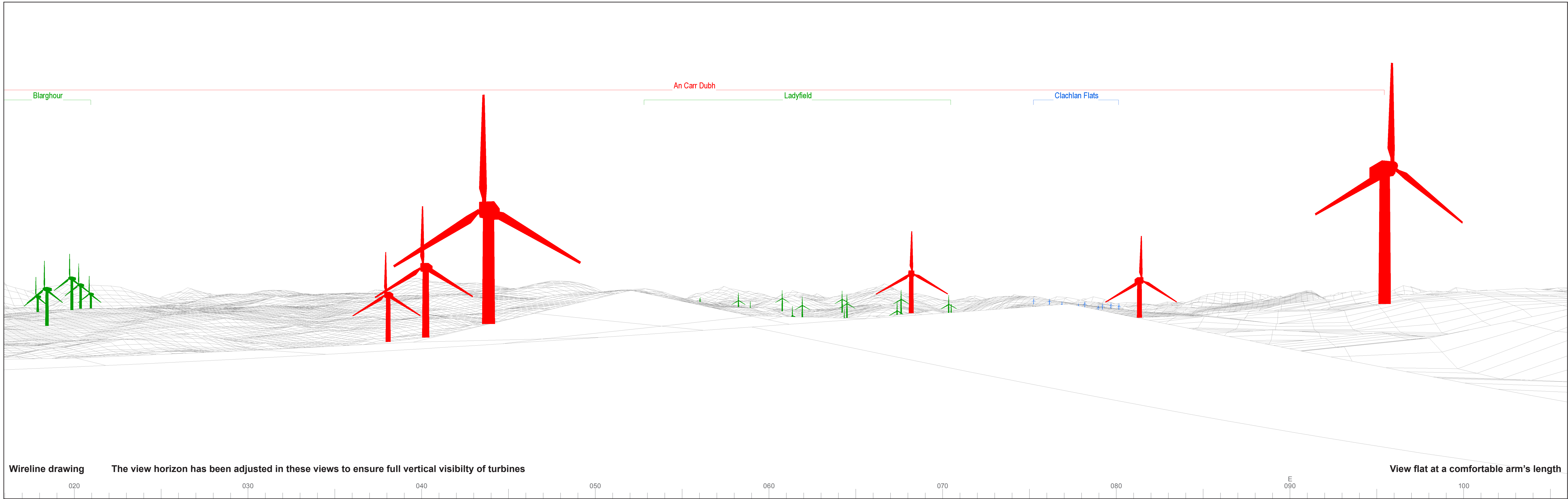
Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational

An Càrr Dubh Wind Farm  
 Figure: CH13b  
 CHVP13: Lochan Long shielings (WK-2)

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Wireline drawing

The view horizon has been adjusted in these views to ensure full vertical visibility of turbines

View flat at a comfortable arm's length

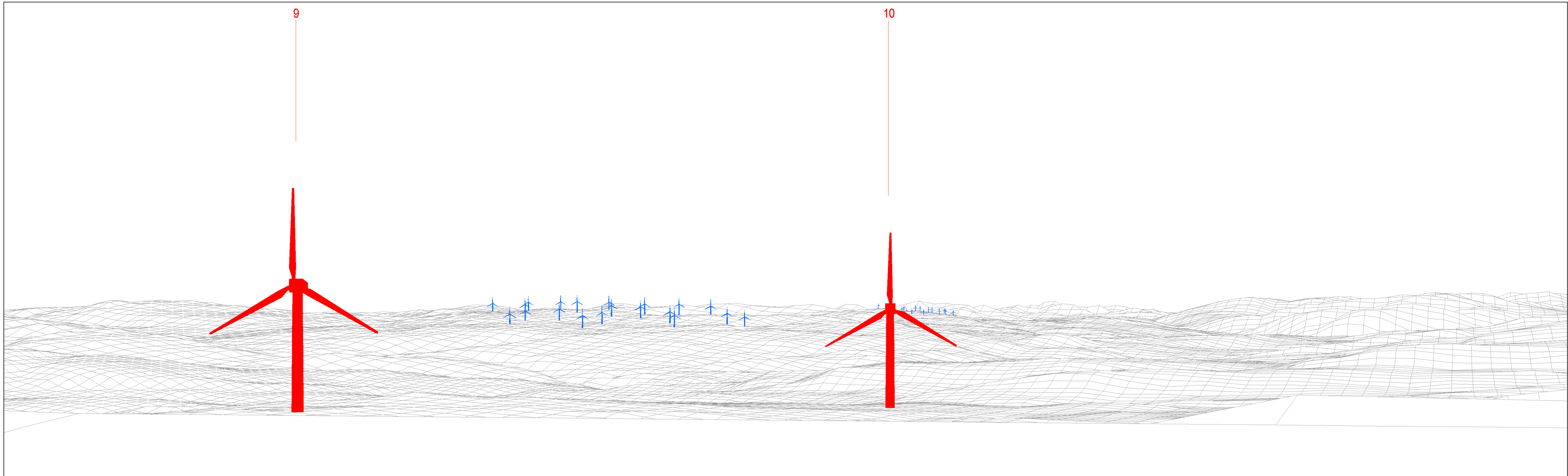


OS reference:	202735E 711166N	Horizontal field of view:	90° (cylindrical projection)
AOD:	440.83 m	Principal distance:	812.5 mm
Direction of view:	61°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.69 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

An Càrr Dubh Wind Farm  
Figure: CH13c  
CHVP13: Lochan Long shielings (WK-2)



Wireline drawing

View flat at a comfortable arm's length



OS reference:	202735E 711166N	Horizontal field of view:	53.5° (planar projection)
AOD:	440.83 m	Principal distance:	812.5 mm
Direction of view:	283°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.69 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

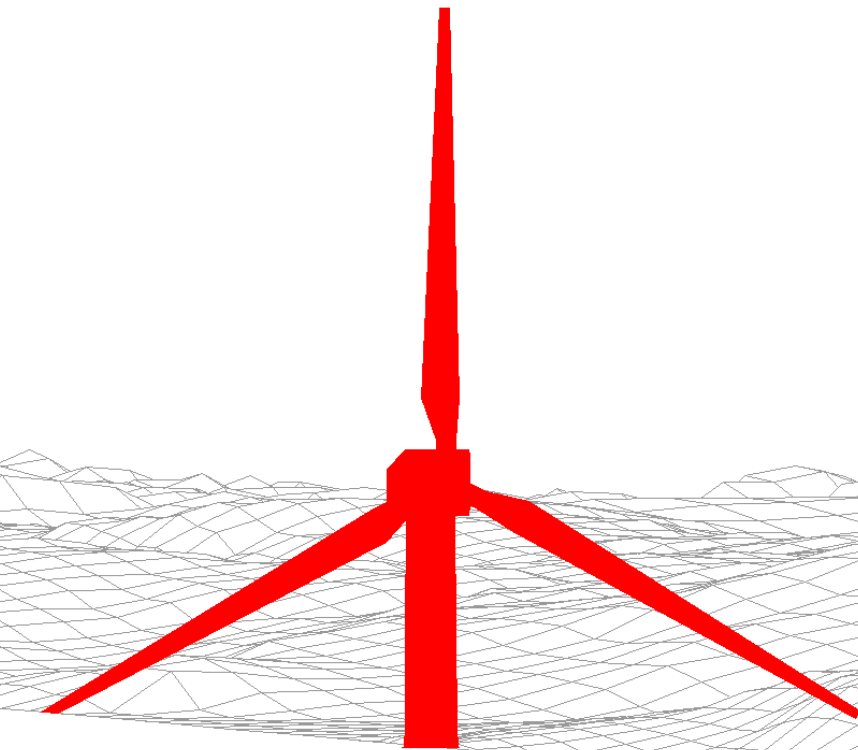
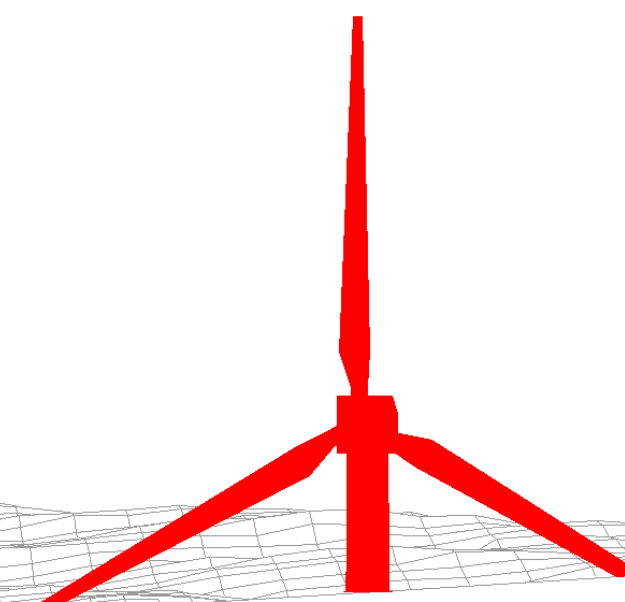
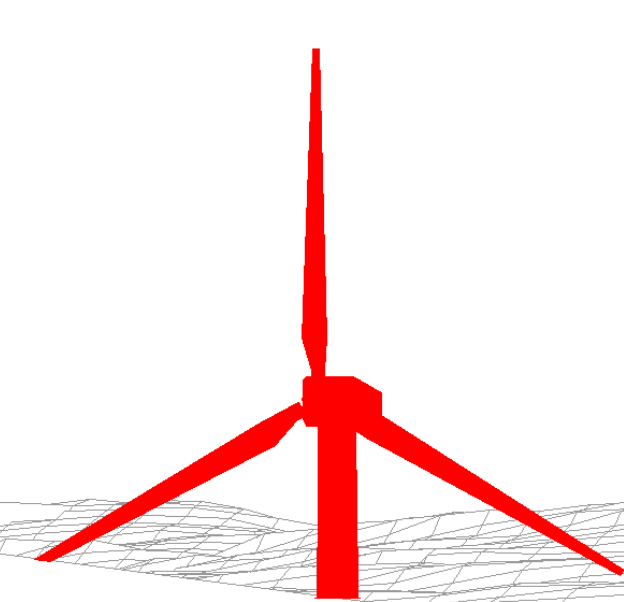
Proposed scheme  
Operational

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13

12

11



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Wireline drawing

View flat at a comfortable arm's length



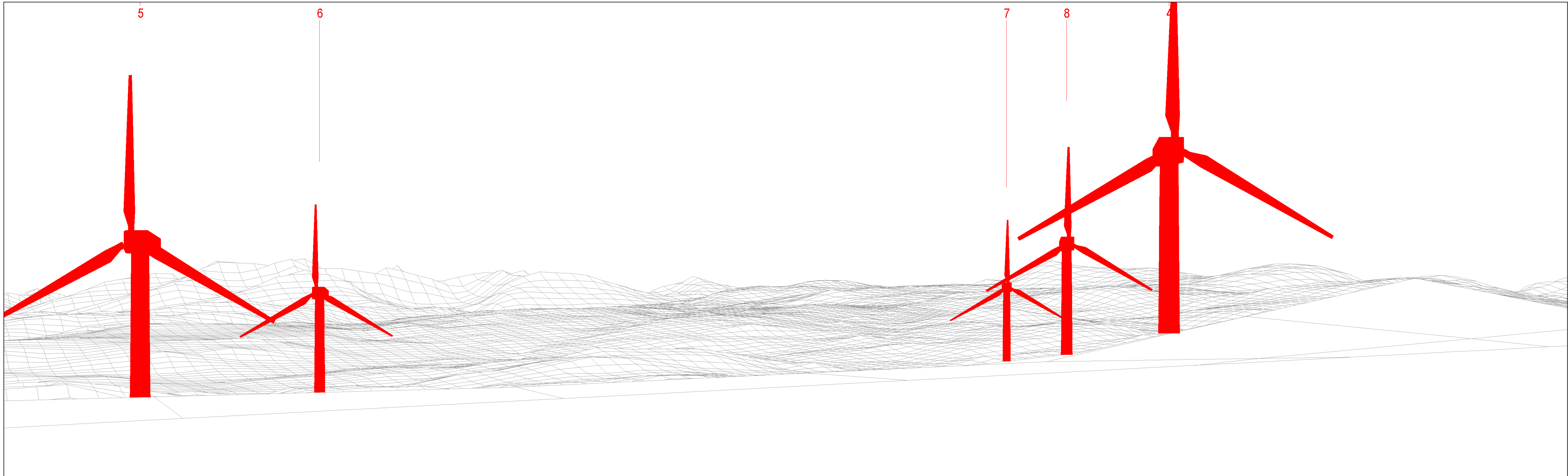
OS reference: 202735E 711166N  
AOD: 440.83 m  
Direction of view: 336.5°  
Nearest turbine: 0.69 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

An Càrr Dubh Wind Farm  
Figure: CH13e  
CHVP13: Lochan Long shielings (WK-2)



Wireline drawing

View flat at a comfortable arm's length

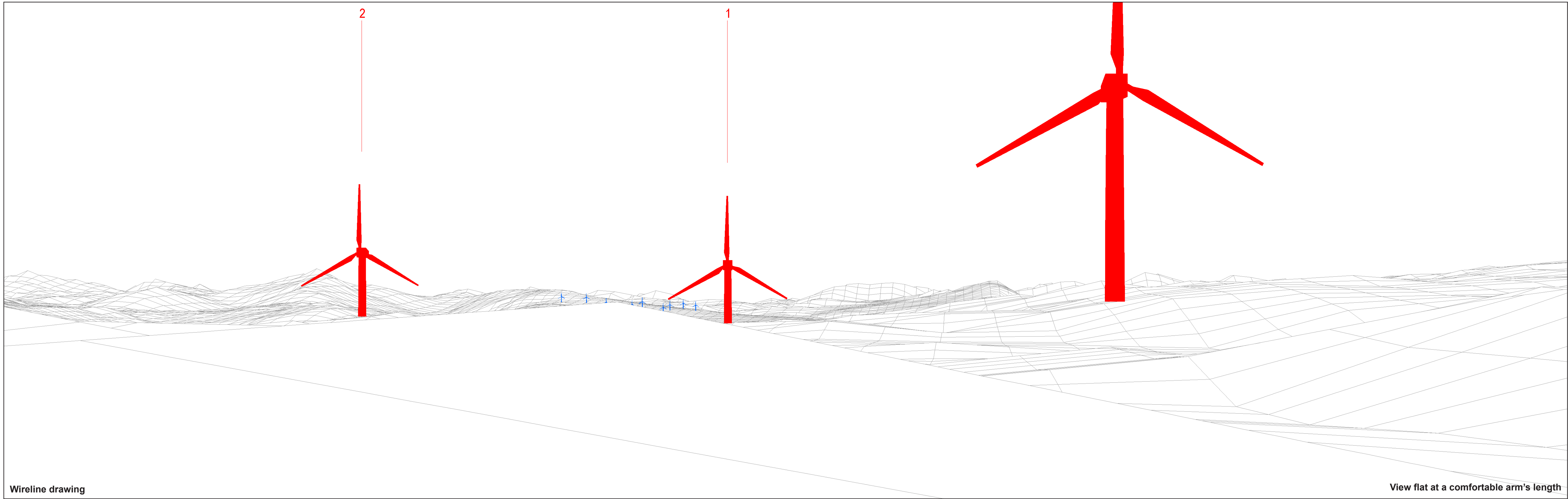


OS reference: 202735E 711166N  
 AOD: 440.83 m  
 Direction of view: 30°  
 Nearest turbine: 0.69 km

Horizontal field of view: 53.5° (planar projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
 (by status):  
 Proposed scheme  
 Operational

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Wireline drawing

View flat at a comfortable arm's length



OS reference:	202735E 711166N	Horizontal field of view:	53.5° (planar projection)
AOD:	440.83 m	Principal distance:	812.5 mm
Direction of view:	83.5°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.69 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

An Càrr Dubh Wind Farm  
Figure: CH13g  
CHVP13: Lochan Long shielings (WK-2)

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