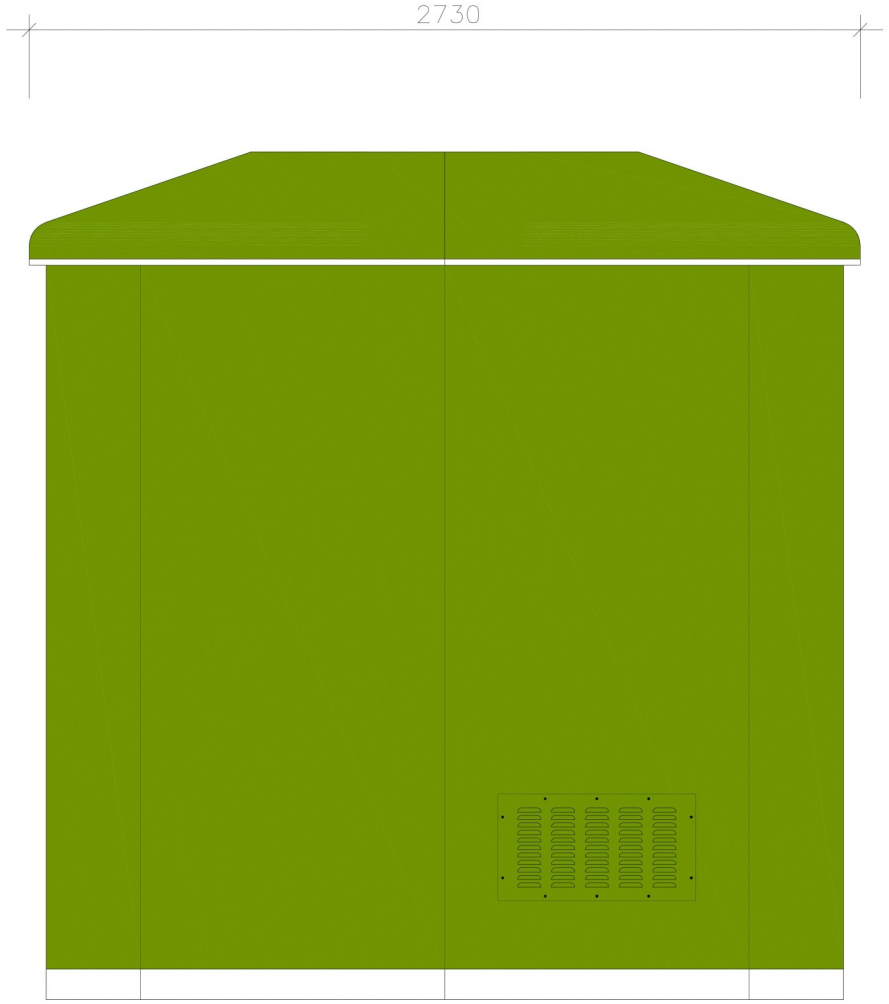
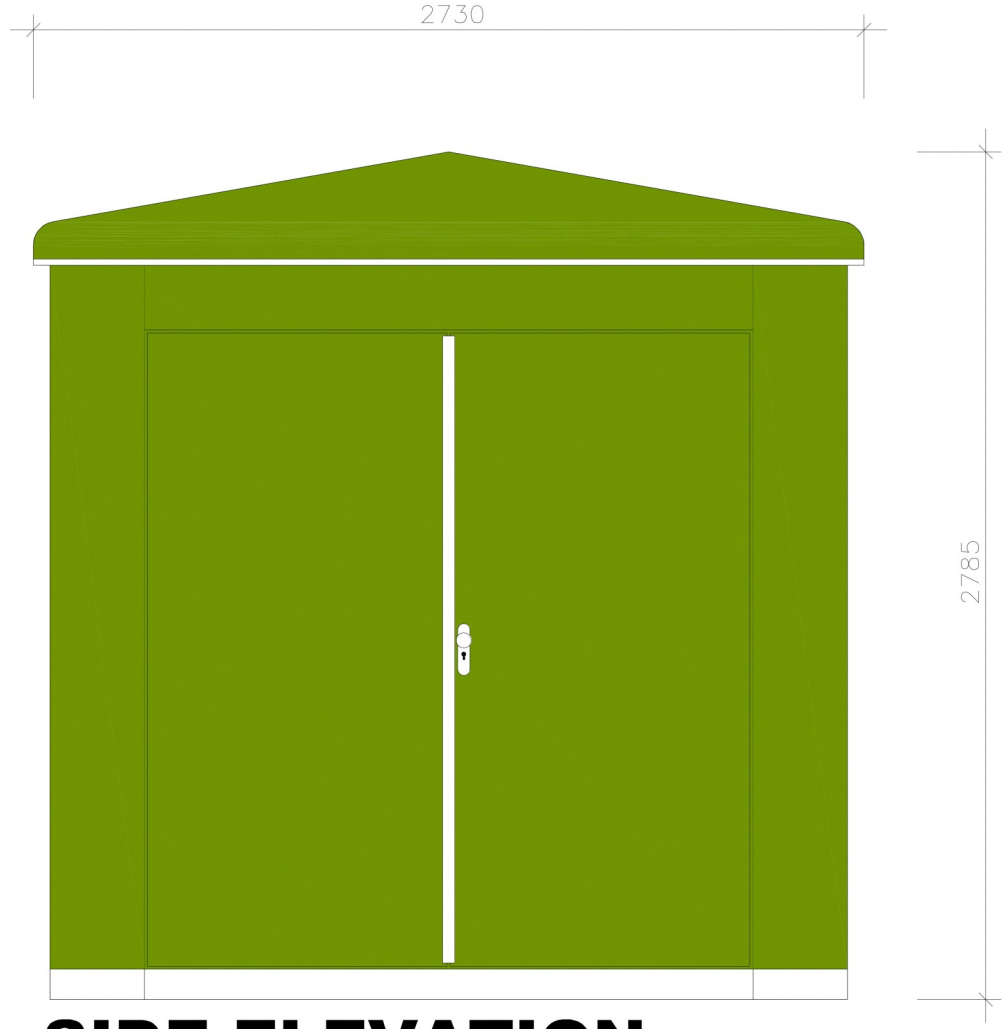
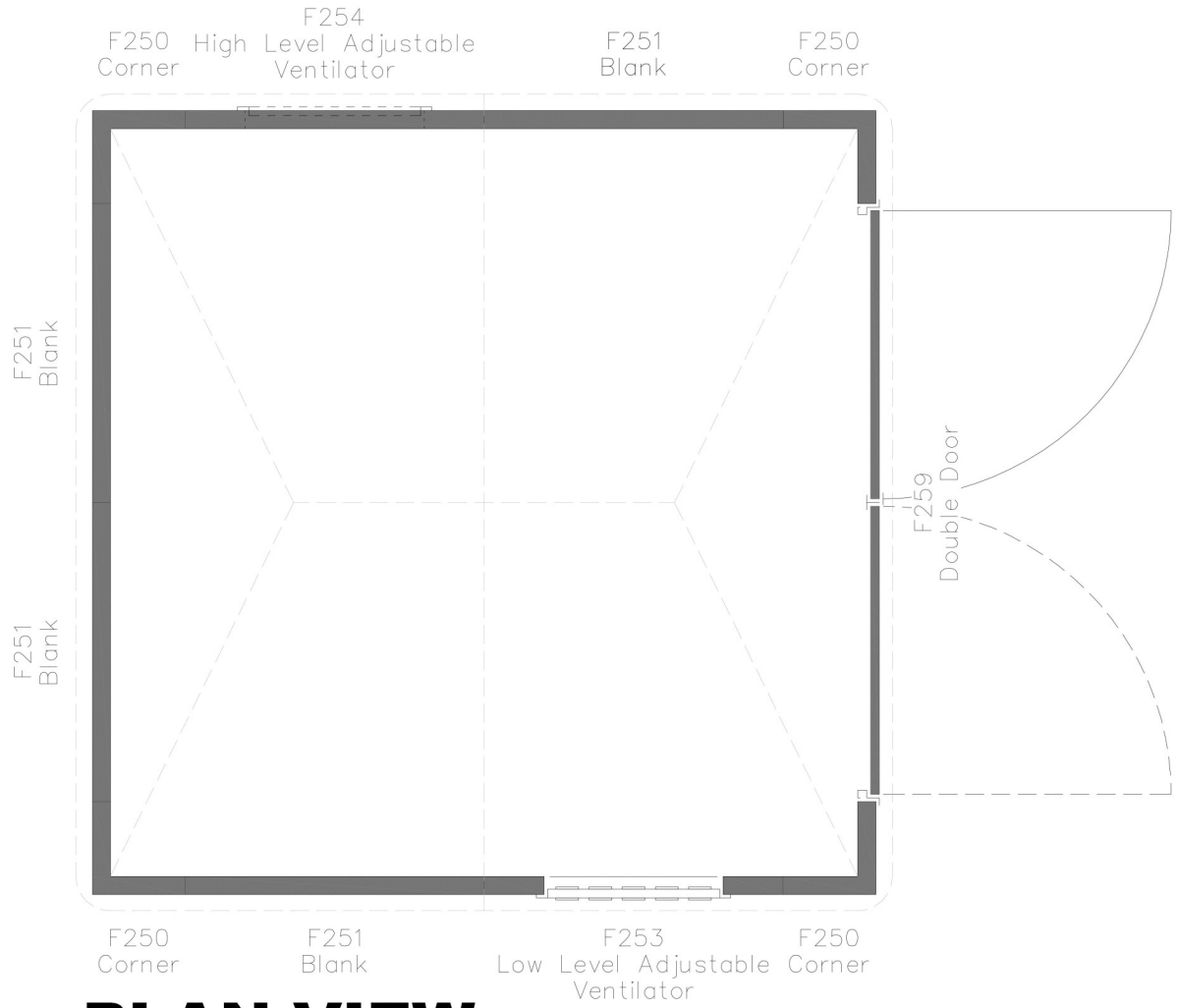


FRONT ELEVATION



SIDE ELEVATION



PLAN VIEW

NOTES :

Colour – Standard 'Dark Green' approx. BS.4800 (12.B.27).

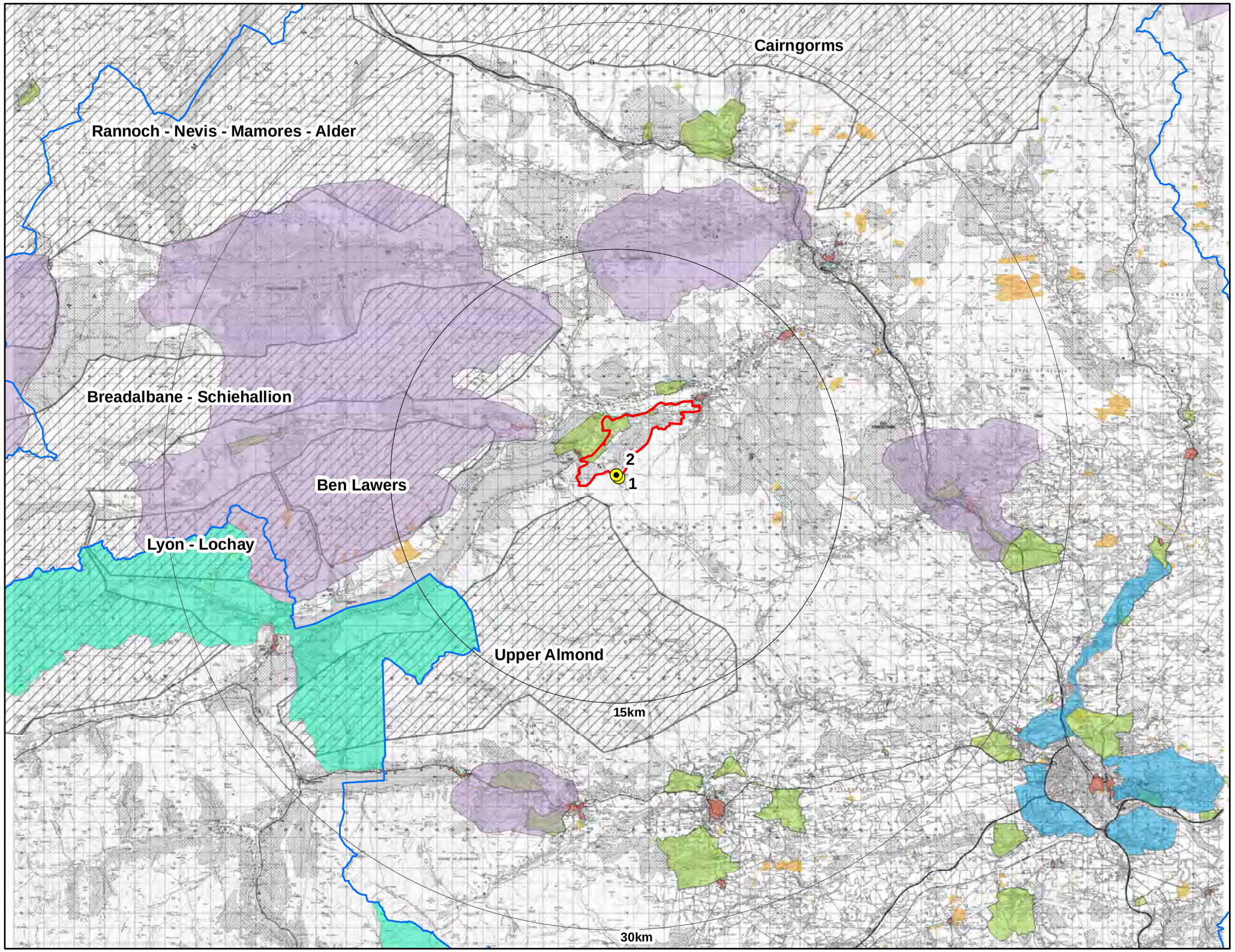
Colours shown on this drawing are for illustrative purposes only.

Base fixing bolts supplied as standard (base fix and seal by others).

A3 Scale @ 1:250

THE CAMPBELL HOTEL

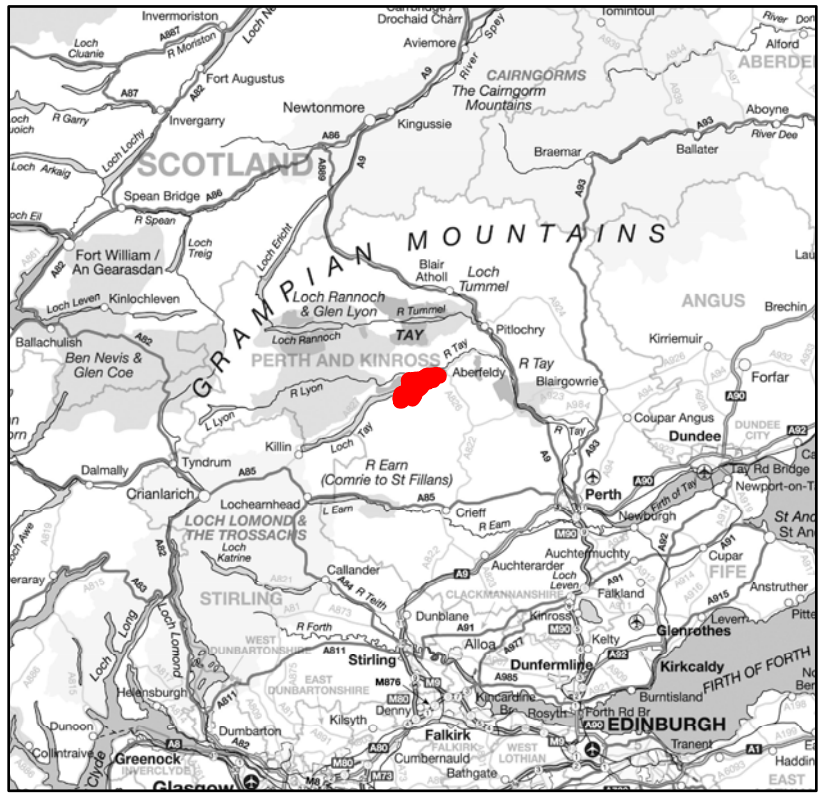
Cattle grid
Horse drawn vehicles and animals



Key

- Proposed turbines
- Site boundary
- Council Boundary
- Buffer
- Area of Great Landscape Value (Perth)
- AGLV (Stirling)
- National Scenic Area
- Historic Gardens and Designed Landscapes
- Conservation Areas
- Scheduled Monuments
- Core Areas of Wild Land

Location map - 1:1,500,000



RealiseRenewables
Realise your renewable energy potential

Notes:

1. Data taken from SNH Landscape Character Area dataset.

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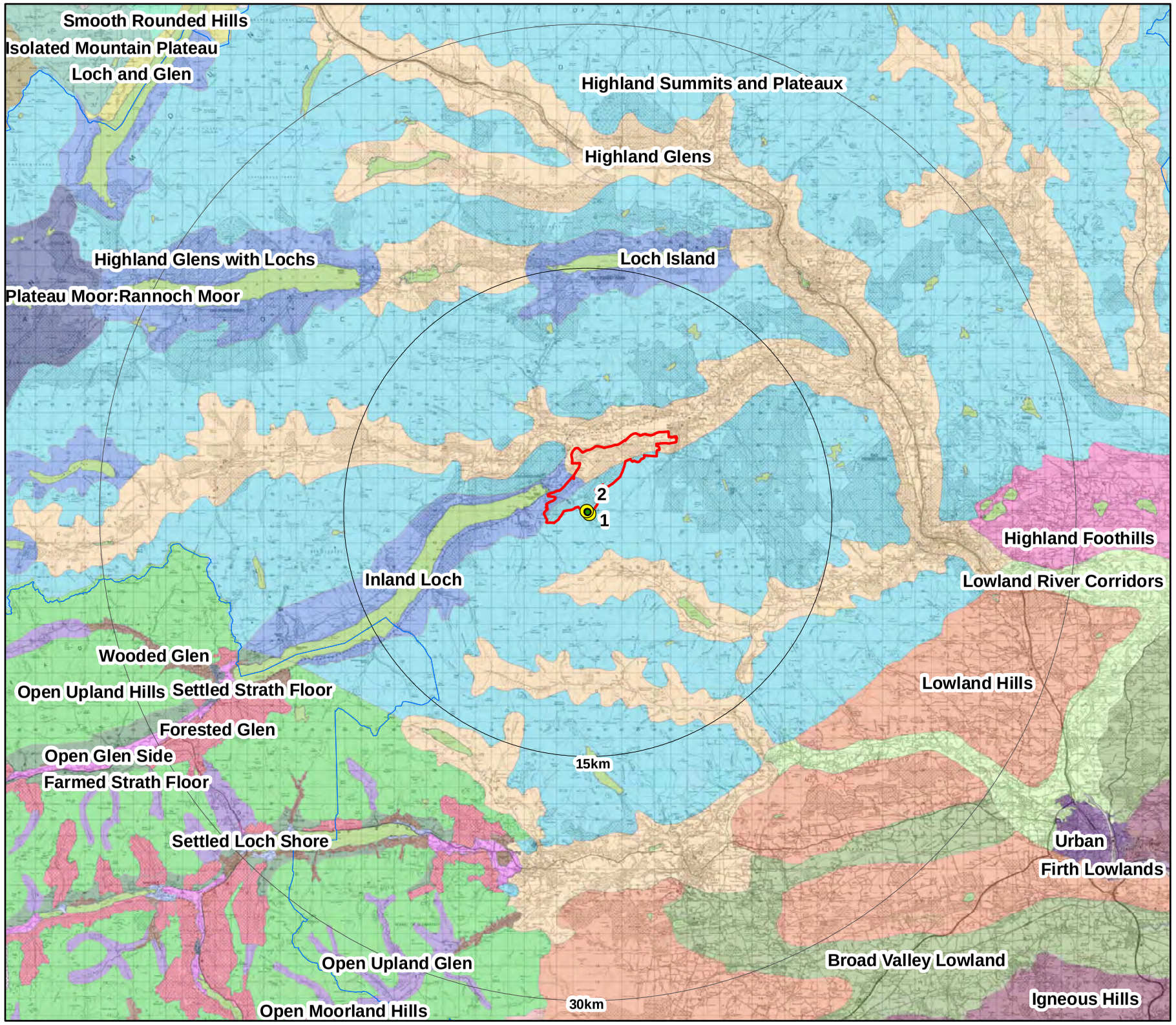
N

0 10,000 20,000 Meters

A3 scale @ - 1:300,000

Bolfracks Estate Wind Turbine	Revision No. 1	Landscape Policy Context
		Figure 1a
	Sheet No. 1	Date: 19/08/13
		Drawn By: SC / Checked by: MJ



Landscape Character Areas

- Broad Valley Lowland
- Farmed Strath Floor
- Firth Lowlands
- Forested Glen
- Highland Foothills
- Highland Glens
- Highland Glens with Lochs
- Highland Summits and Plateaux
- Igneous Hills
- Inland Loch
- Isolated Mountain Plateau
- Loch Island
- Loch and Glen
- Lowland Hills
- Lowland River Corridors
- Open Glen Side
- Open Moorland Hills
- Open Parallel Ridges
- Open Upland Glen
- Open Upland Hills
- Plateau Moor:Rannoch Moor
- Settled Loch Shore
- Settled Strath Floor
- Smooth Moorland Ridges
- Smooth Rounded Hills
- Urban
- Wooded Glen

Key

- Proposed turbines
- Site boundary
- Council Boundary
- Buffer

Location map -

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Notes:

1. Data taken from SNH Landscape Character Area dataset.

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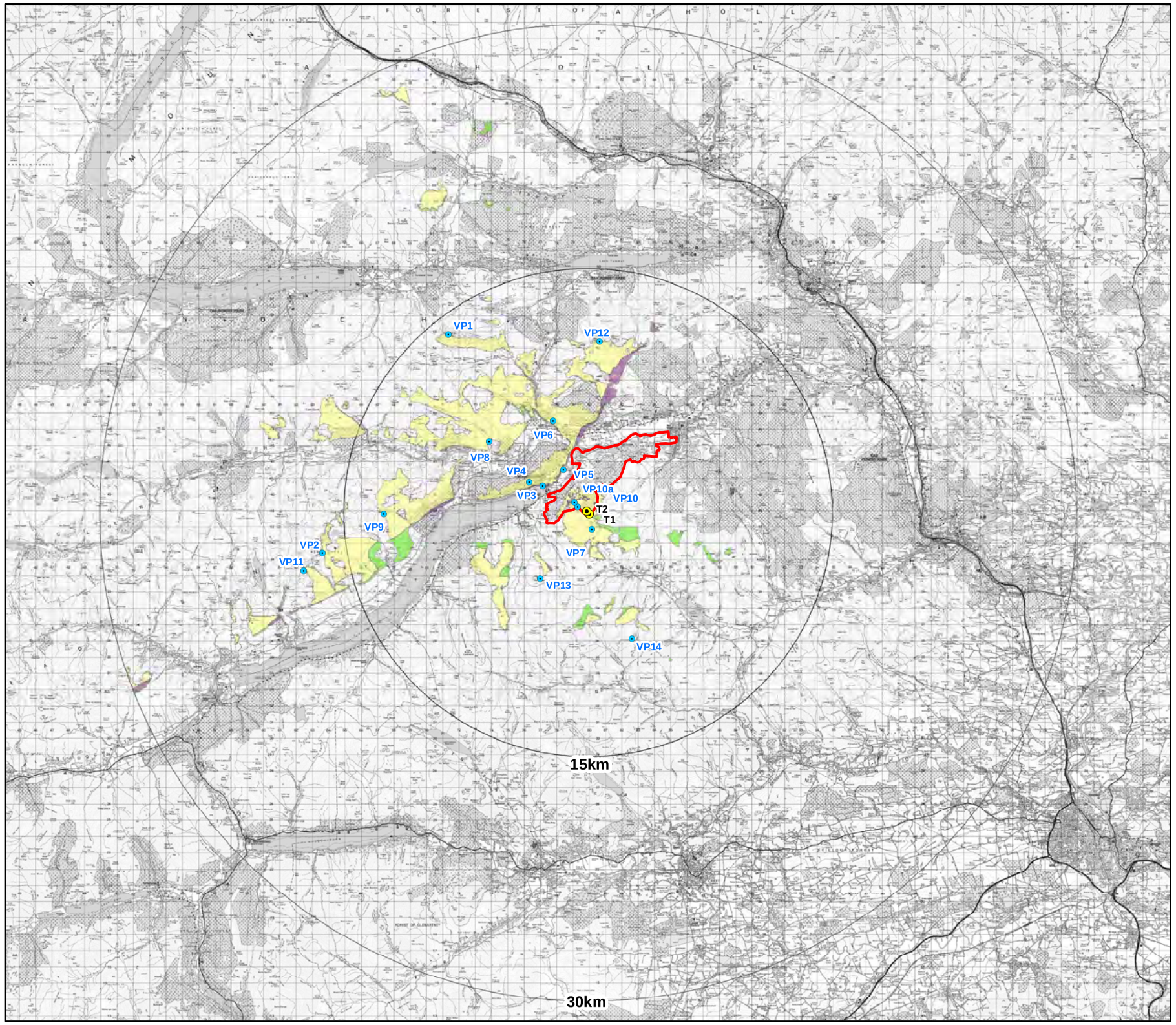
N

0 10,000 20,000 Meters

A3 scale @ - 1:300,000

Bolfracks Estate Wind Turbine	Revision No. 1	Landscape Character Areas
		Figure 2a
	Sheet No. 1	Date: 19/08/13
		Drawn By: SC / Checked by: MJ



Key

- Proposed turbines
- Viewpoints
- Site boundary
- Buffer

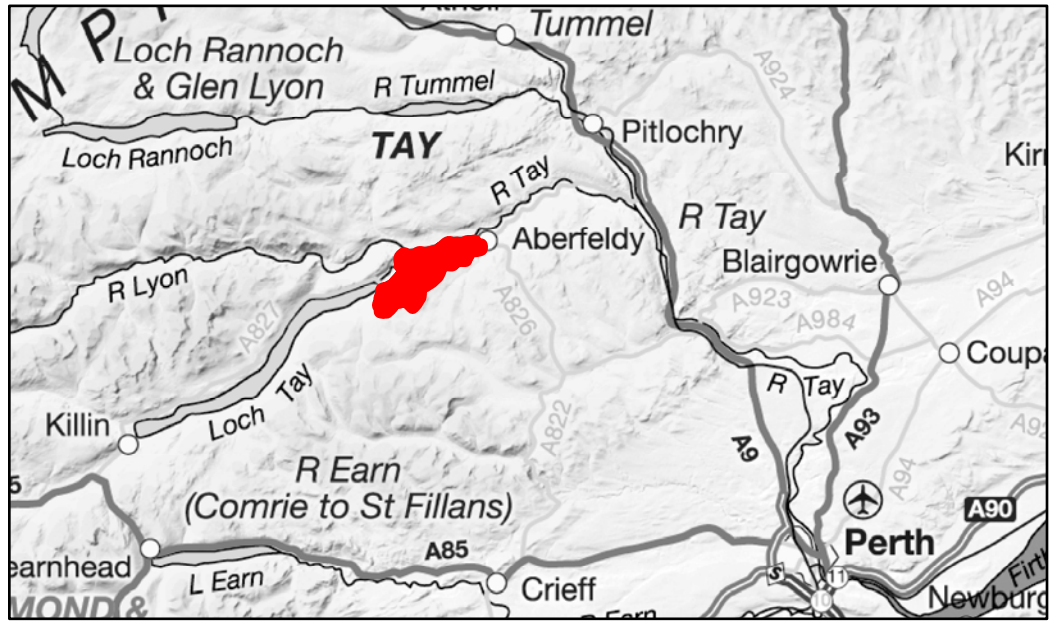
ZTV (44.5m Tip Height)

- T1
- T2
- T1 + T2

Viewpoints

VP1: Schiehallion
VP2:Ben Lawers
VP3:Kenmore Bridge
VP4: Black Rock
VP5:Taymouth Castle
VP6: B846 North of Coshieville
VP7: Rob Roy Way
VP8: Fortinghall
VP9: Meall Greig
VP10: Glen Quaich road North of site
VP10a: Glen Quaich Road adjacent to road
VP11: Beinn Ghlas
VP12: Meall Tairneachan
VP13: Creag an Sgliata
VP14: Meal Nam

Location map



RealiseRenewables
Realise your renewable energy potential

Notes:

1. ZTV generated using Ordnance Survey's landform panorama dataset which does not take into account the screening effect of buildings or vegetation.
2. Earth curvature allowed for.
3. Observer eye height 2m above ground level has been used.

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N

0 10,000 20,000 Meters

A3 scale @ - 1:300,000

Bolfracks Estate Wind Turbine

Revision No.	1
Sheet No.	1

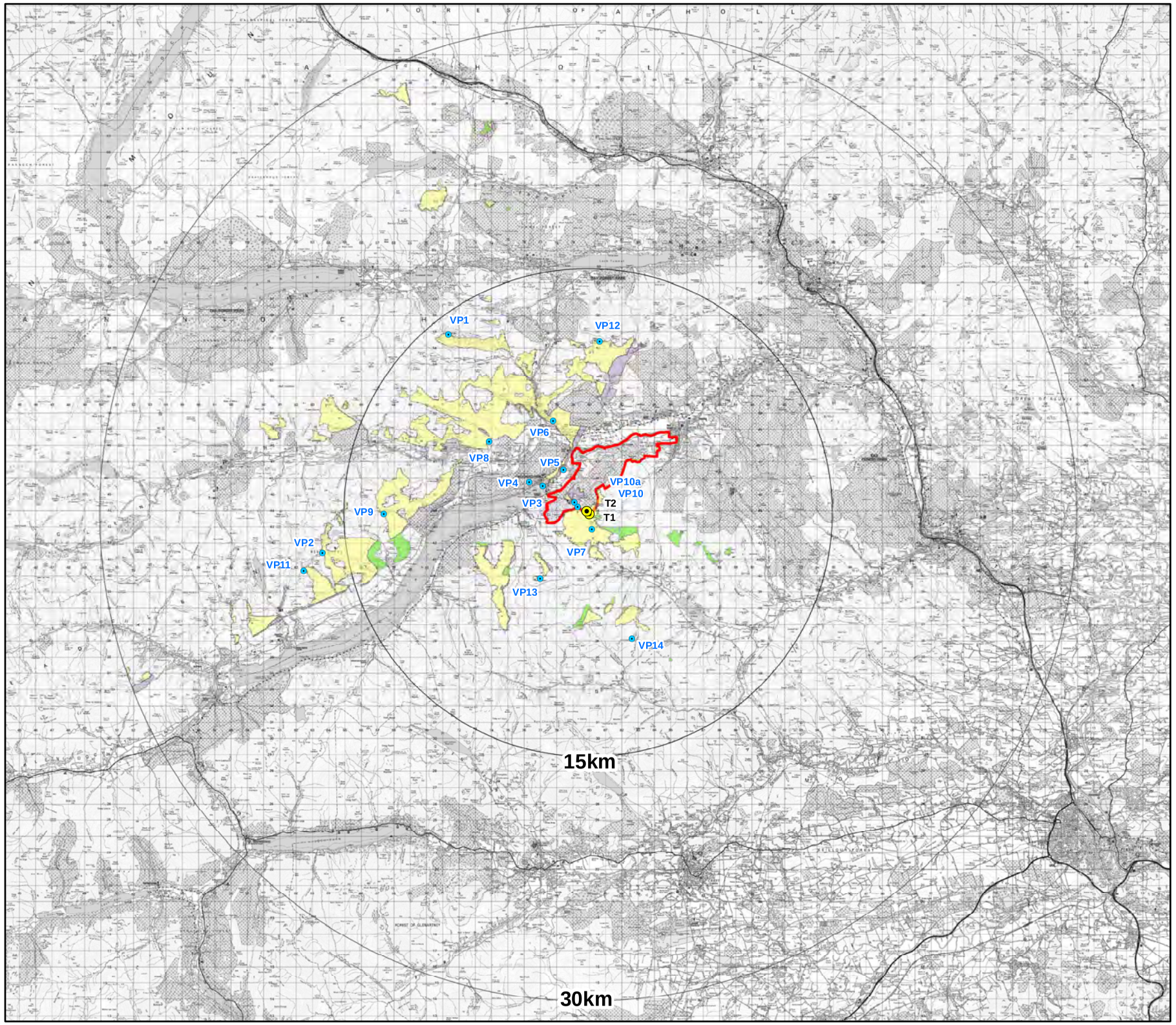
Zone of Theoretical Visibility

Figure 3 - ZTV to 30km - Bare Ground

Date: 24/09/13

Drawn By: SC

Checked by: MJ



Key

- Proposed turbines
- Viewpoints
- Site boundary
- Buffer

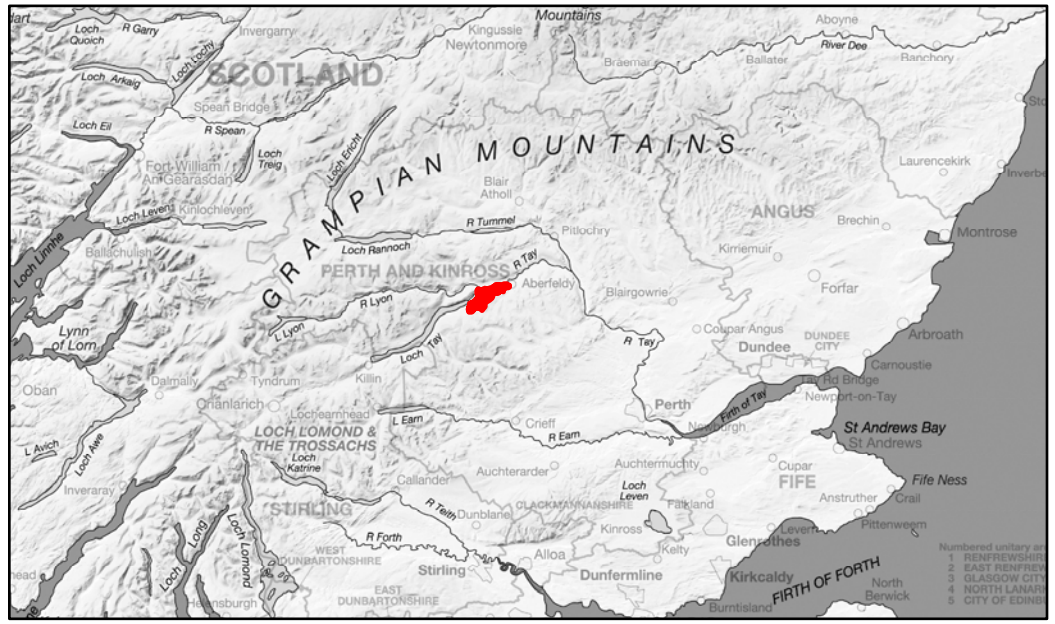
ZTV (44.5m Tip Height)

- T1 (screened)
- T2 (screened)
- T1 + T2 (screened)

Viewpoints

VP1: Schiehallion
VP2:Ben Lawers
VP3:Kenmore Bridge
VP4: Black Rock
VP5:Taymouth Castle
VP6: B846 North of Coshieville
VP7: Rob Roy Way
VP8: Fortinghall
VP9: Meall Greig
VP10: Glen Quaich road North of site
VP10a: Glen Quaich Road adjacent to road
VP11: Beinn Ghlas
VP12: Meall Tairneachan
VP13: Creag an Sgliata
VP14: Meal Nam

Location map



RealiseRenewables
Realise your renewable energy potential

Notes:

1. ZTV generated using Ordnance Survey's landform panorama dataset which does not take into account the screening effect of buildings or vegetation. However: woodlands have been digitised and excluded at 10m height; settlements have been digitised and excluded at 5m height.
2. Earth curvature allowed for.
3. Observer eye height 2m above ground level has been used.

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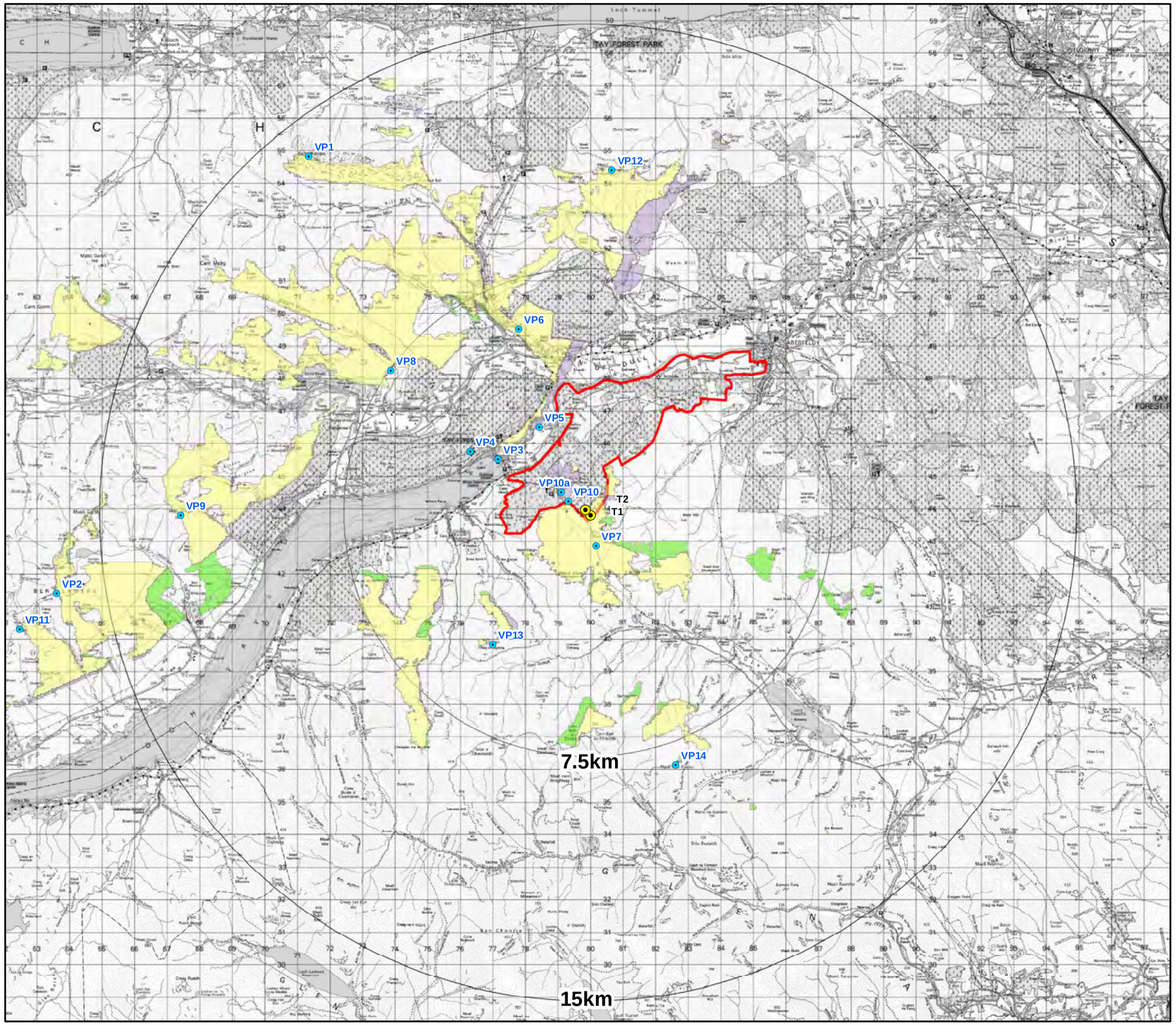
N

0 10,000 20,000 Meters

A3 scale @ - 1:300,000

Bolfracks Estate Wind Turbine	Revision No. 1	Zone of Theoretical Visibility
		Figure 4 - ZTV to 30km Screened Tip Height
	Sheet No. 1	Date: 24/09/13
		Drawn By: SC / Checked by: MJ



Key

- Proposed turbines
- Viewpoints
- Site boundary
- Buffer

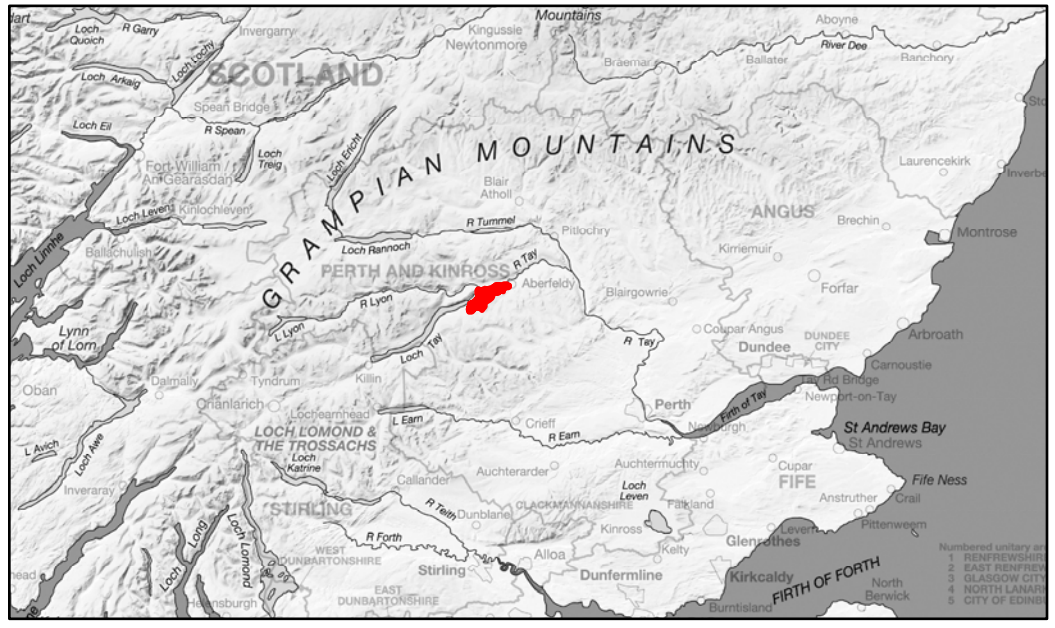
ZTV (44.5m Tip Height)

- T1 (screened)
- T2 (screened)
- T1 + T2 (screened)

Viewpoints

VP1: Schiehallion
VP2:Ben Lawers
VP3:Kenmore Bridge
VP4: Black Rock
VP5:Taymouth Castle
VP6: B846 North of Coshieville
VP7: Rob Roy Way
VP8: Fortinghall
VP9: Meall Greig
VP10: Glen Quaich road North of site
VP10a: Glen Quaich Road adjacent to road
VP11: Beinn Ghlas
VP12: Meall Tairneachan
VP13: Creag an Sgliata
VP14: Meal Nam

Location map



RealiseRenewables
Realise your renewable energy potential

Notes:

1. ZTV generated using Ordnance Survey's landform panorama dataset which does not take into account the screening effect of buildings or vegetation. However: woodlands have been digitised and excluded at 10m height; settlements have been digitised and excluded at 5m height.
2. Earth curvature allowed for.
3. Observer eye height 2m above ground level has been used.

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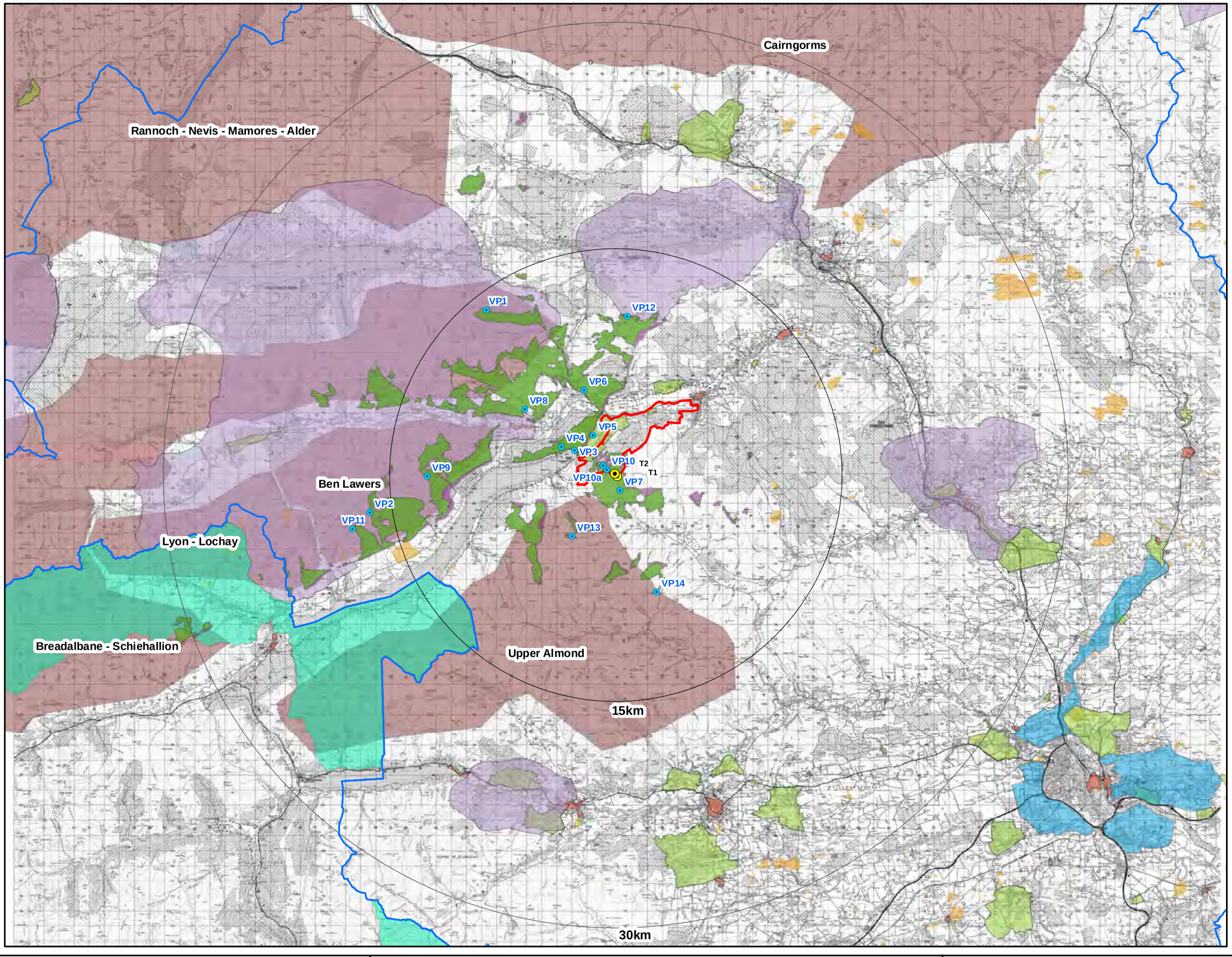
N

0 5,000 10,000 Meters

A3 scale @ - 1:150,000

Bolfracks Estate Wind Turbine	Revision No. 1	Zone of Theoretical Visibility
		Figure 4a - ZTV to 15km Screened Tip Height
	Sheet No. 1	Date: 24/09/13
		Drawn By: SC / Checked by: MJ



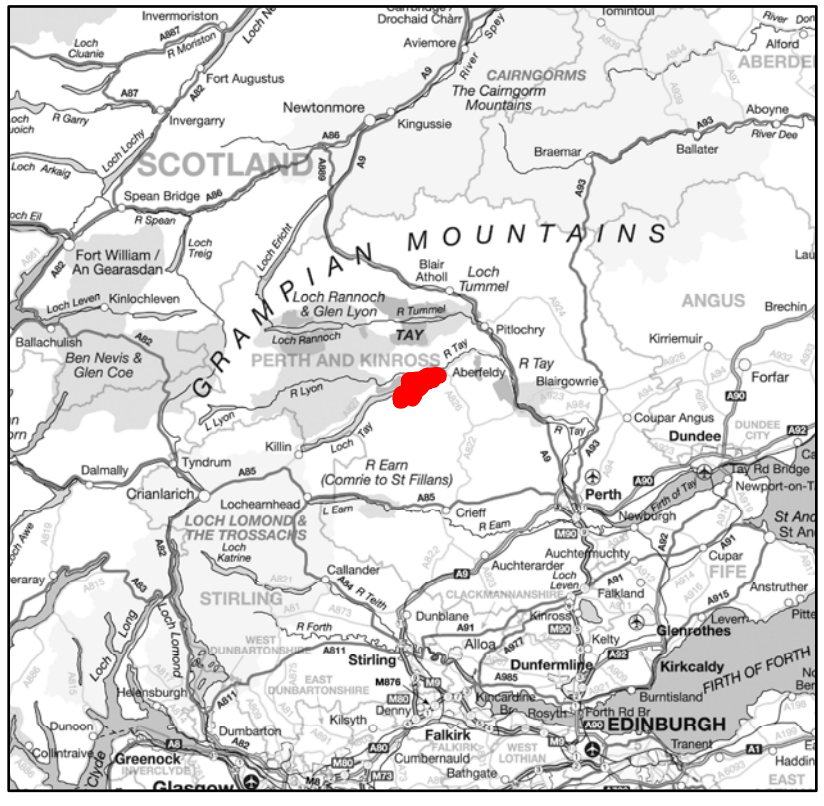
Key

- Proposed turbines
- Viewpoints
- Site boundary
- Council Boundary
- Buffer
- Area of Great Landscape Value (Perth)
- AGLV (Stirling)
- National Scenic Area
- Historic Gardens and Designed Landscapes
- Conservation Areas
- Scheduled Monuments
- Core Areas of Wild Land

ZTV

- T1 Hub Height (30m)
- T1 Tip Height (44.5m)

Location map - 1:1,500,000



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Notes:

1. Data taken from SNH Landscape Character Area dataset.

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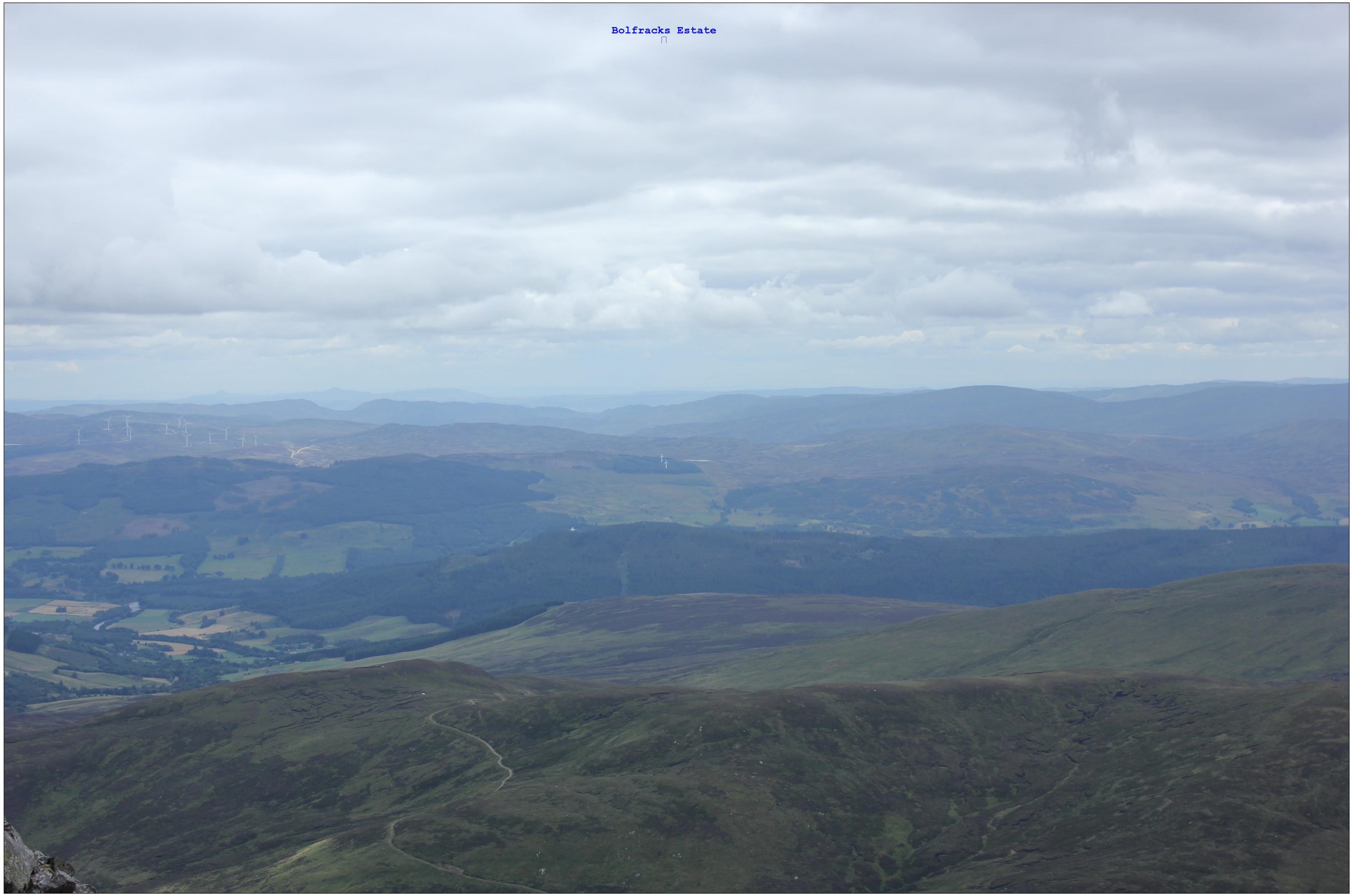
N

0 10,000 20,000 Meters

A3 scale @ - 1:300,000

Bolfracks Estate Wind Turbine	Revision No. 1	LPC and ZTV
		Figure 4b
	Sheet No. 1	Date: 19/09/13
		Drawn By: SC / Checked by: MJ



Viewpoint 1 - *Photomontage view from Schiehallion*

RealiseRenewables
Realise your renewable energy potential

Realise Renewables
8 Atholl Crescent,
Perth,
PH1 5NG

VIEWPOINT 1: SCHIEHALLION

GR: 271474, 754696
Elevation: 1,042m AOD
View Direction: 142.7°
Distance: 13,600m

Tip Height: 44.5m
Hub Height: 30m
Field of View: 28.8°
Viewing Distance: 700mm (A3)

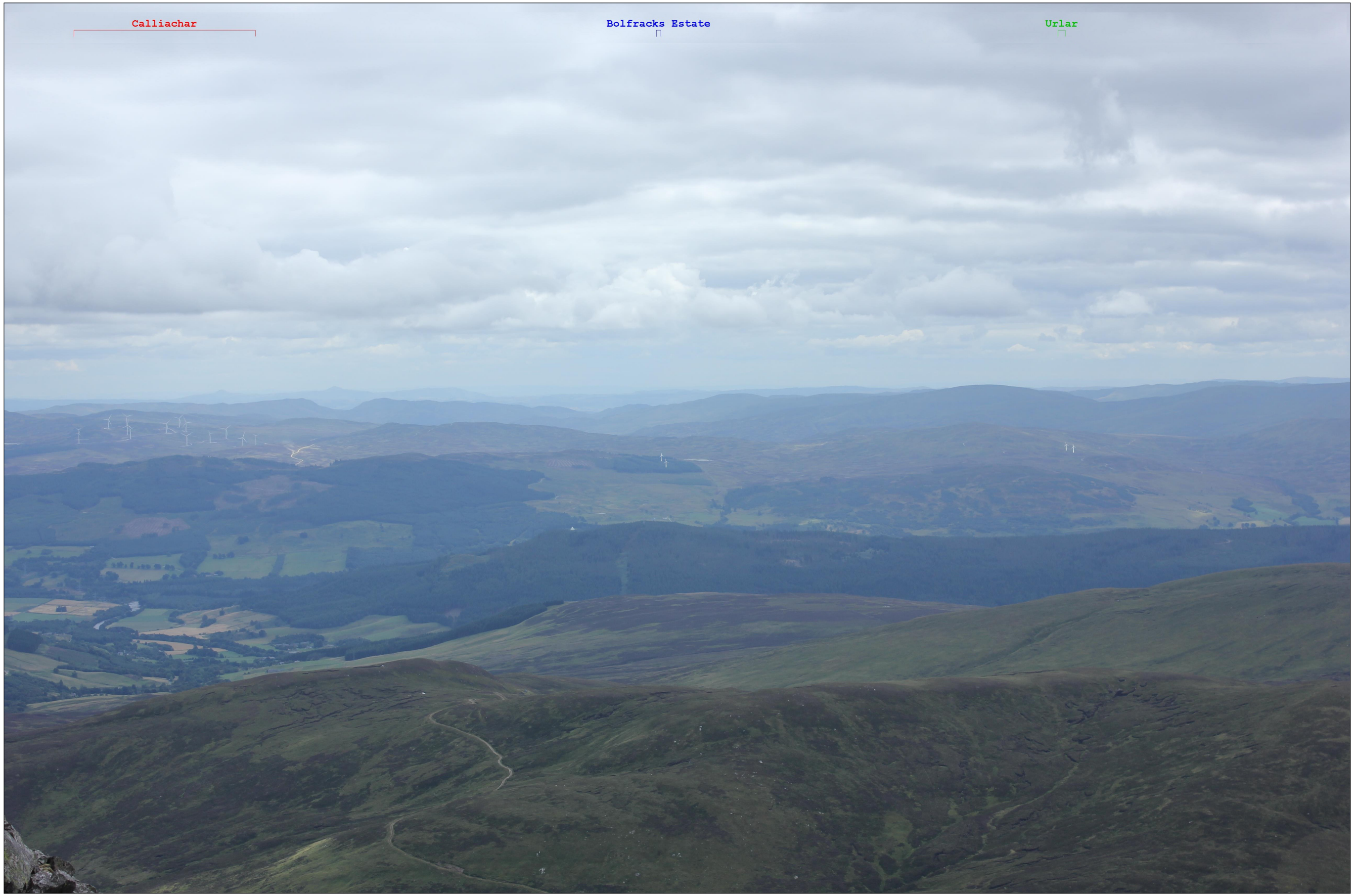
Camera: Canon EOS 550D
Effective Focal Length: 70mm
Lens Height: 1.5m

Bolfracks Estate: LVIA Figure 5

Viewpoint 1: Schiehallion

Drawn by: SC
Checked by: MJ

Date: 23/08/2013
Revision: 1



Viewpoint 1 - *Cumulative photomontage view from Schiehallion*

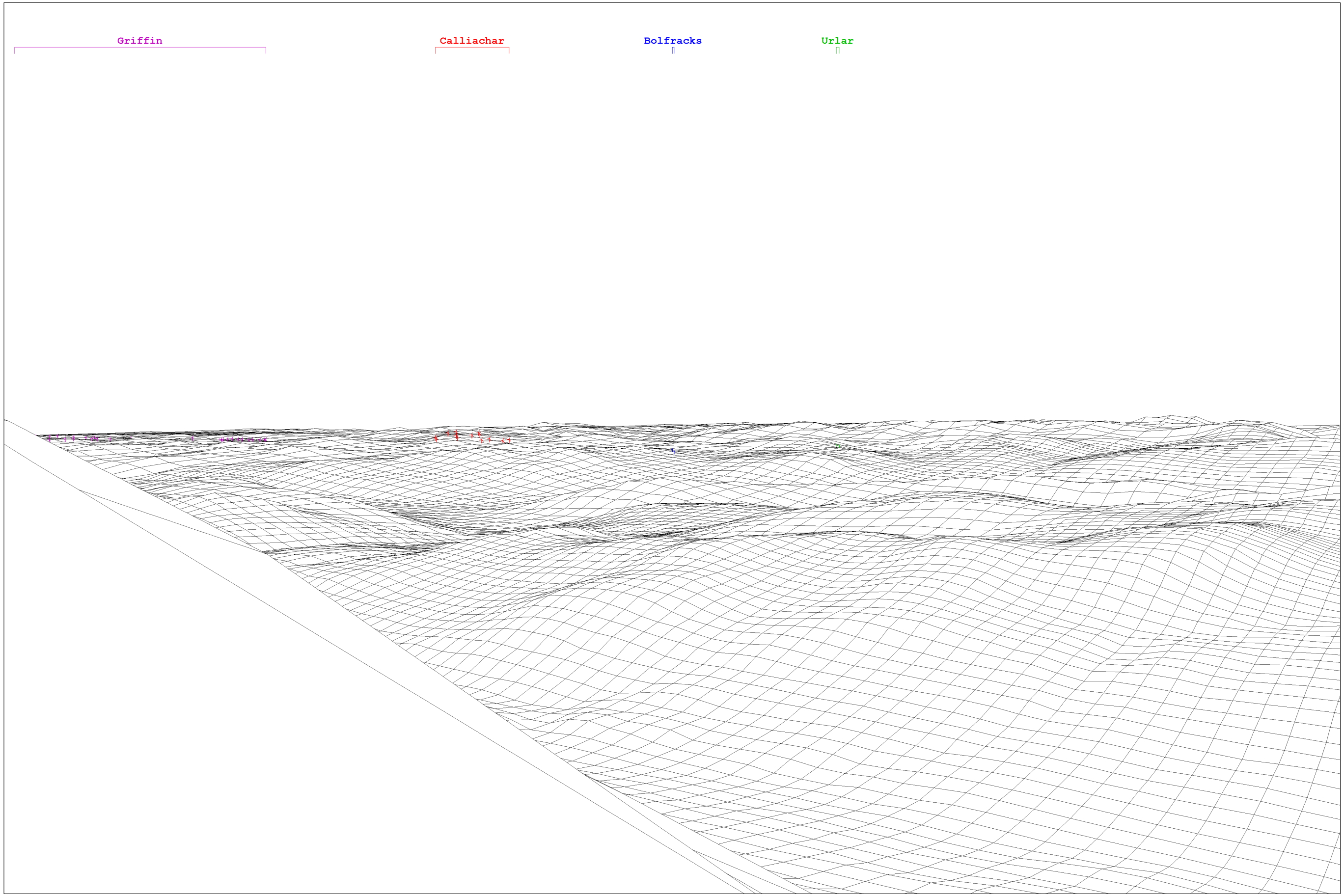
RealiseRenewables *Realise your renewable energy potential*	Realise Renewables 8 Atholl Crescent, Perth, PH1 5NG	VIEWPOINT 1: SCHIEHALLION GR: 271474, 754696 Elevation: 1,042m AOD View Direction: 142.7° Viewing Distance: 700mm (A3)	Distance to (nearest turbine) - Bolfracks Estate: 13,600m Urlar: 14,200m Calliachar: 17,140m	Camera: Canon EOS 550D Effective Focal Length: 70mm Lens Height: 1.5m Field of View: 28.8°

Bolfracks Estate: LVIA Figure 5

Viewpoint 1: Schiehallion

Drawn by: SC
Checked by: MJ

Date: 23/08/2013
Revision: 1



Viewpoint 1 - *Cumulative extended wireframe view from Schiehallion*

RealiseRenewables
Realise your renewable energy potential

Realise Renewables
8 Atholl Crescent,
Perth,
PH1 5NG

VIEWPOINT 1: SCHIEHALLION

GR: 271474, 754696
Elevation: 1,042m AOD
View Direction: 141.9°
Viewing Distance: 500mm (A3)

Distance to (nearest turbine) -
Bolfracks Estate: 13,600m
Urlar: 14,200m
Calliachar: 17,140m
Griffin: 22,800m

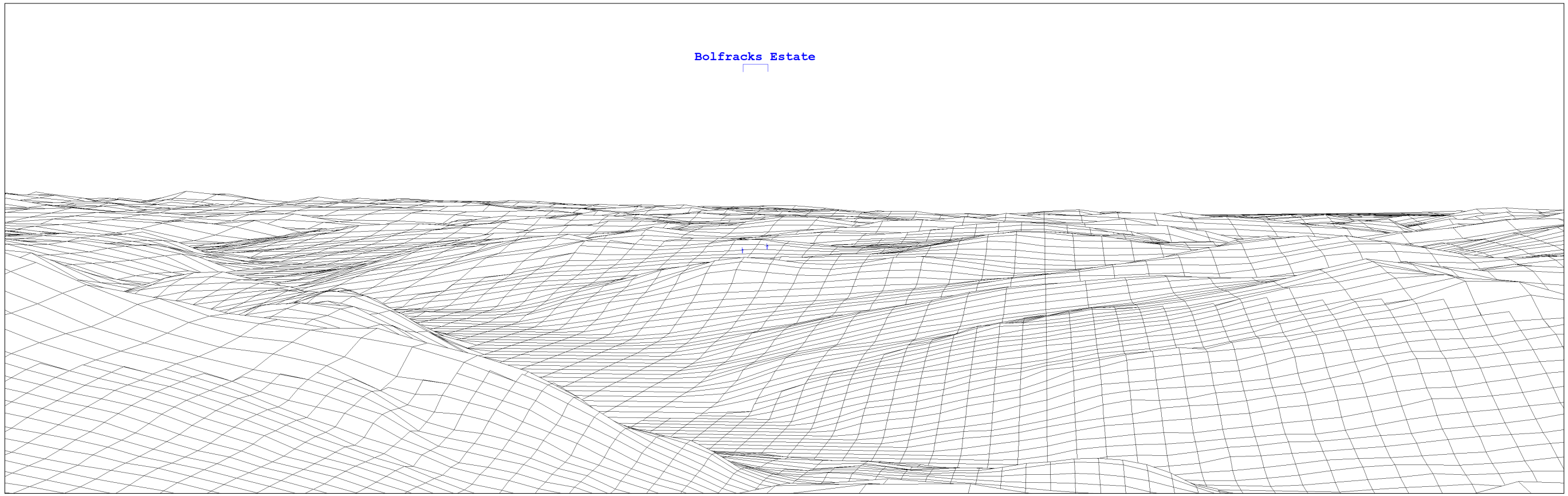
Camera: Canon EOS 550D
Lens: EF-S 18mm - 55mm
Lens Height: 1.5m
Field of View: 64°

Bolfracks Estate: LVIA Figure 5

Viewpoint 1: Schiehallion

Drawn by: SC
Checked by: MJ

Date: 09/09/2013
Revision: 1



Viewpoint 2 - *Wireframe view from Ben Lawers*

Viewpoint 2 - *Existing photograph from Ben Lawers*

RealiseRenewables
Realise your renewable energy potential

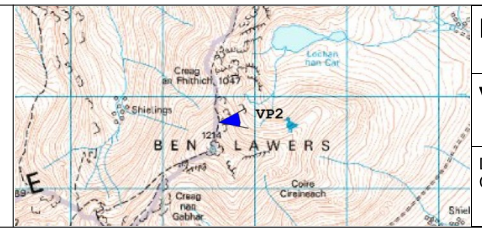
Realise Renewables
8 Atholl Crescent,
Perth,
PH1 5NG

VIEWPOINT 2: BEN LAWERS

GR: 263614, 741716
Elevation: 1,113m AOD
View Direction: 83.2°
Distance: 16,380m

Tip Height: 44.5m
Hub Height: 30m
Field of View: 39.6°
Viewing Distance: 500mm (A3)

Camera: Canon EOS 550D
Effective Focal Length: 50mm
Lens Height: 1.5m



Bolfracks Estate: LVIA Figure 6

Viewpoint 2: Ben Lawers

Drawn by: SC
Checked by: MJ

Date: 29/08/2013
Revision: 1