



4	04/06/2019	TH	Fifth Issue
3	17/04/2019	TH	Fourth Issue
2	17/04/2019	TH	Third Issue
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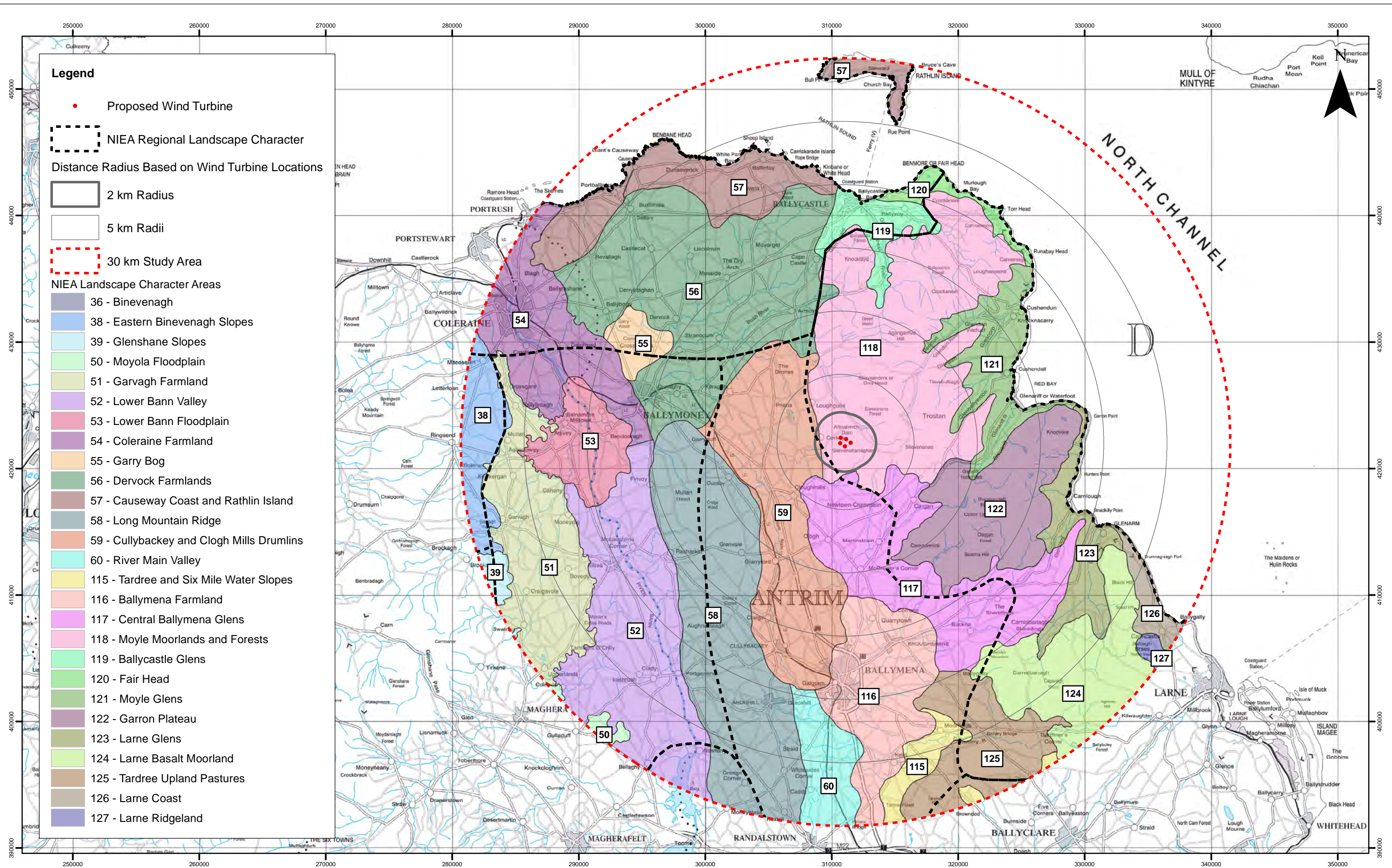
Corkey Windfarm Repowering

Figure 6.2 - Site Context

with Proposed Infrastructure

Drawing Number: 2606-REP-063	Datum TM65	Projection TM
Scale @ A3 1:20,000	Drawing produced by Optimised Environments Ltd.	

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03.757.515

Km

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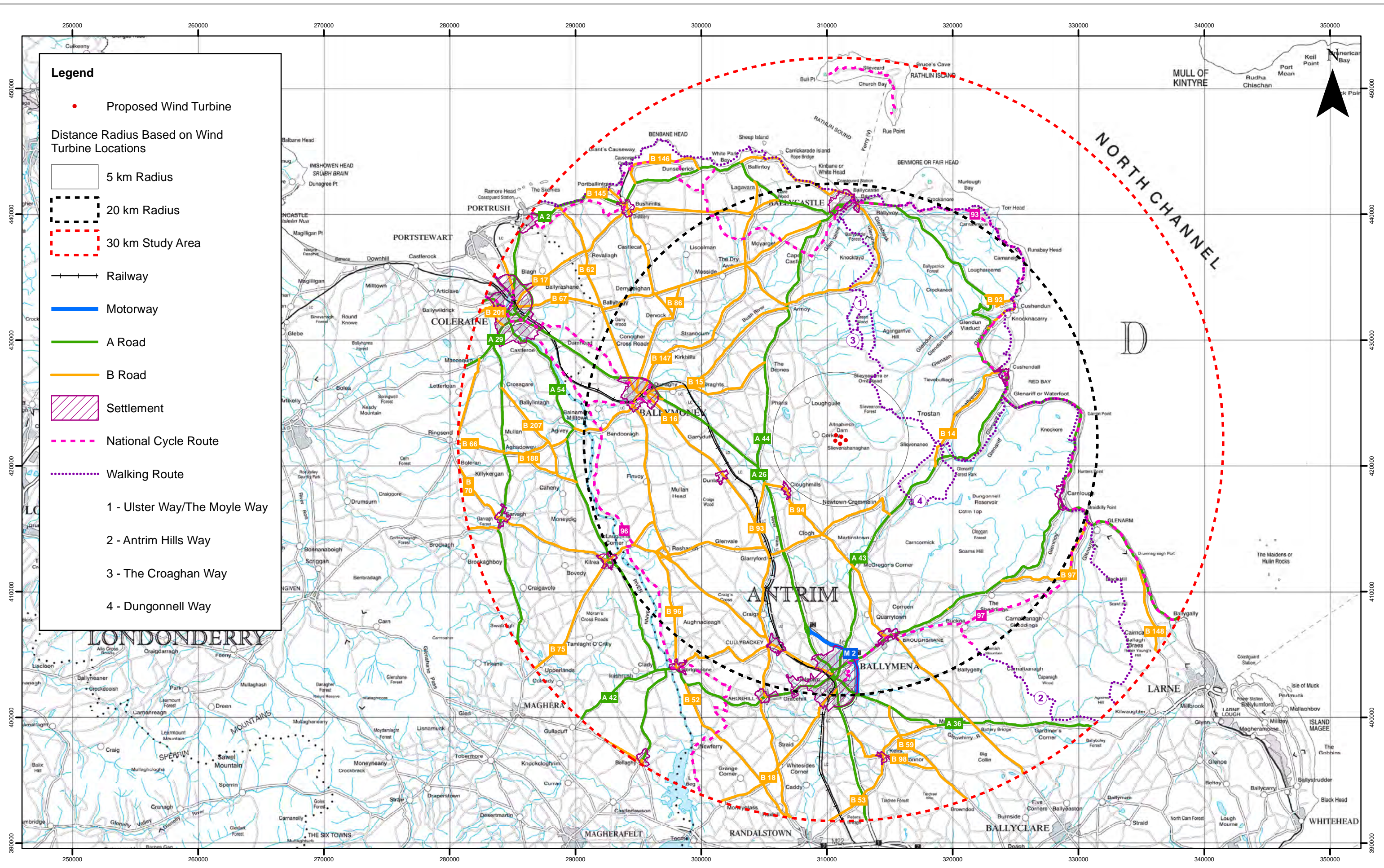
Corkey Windfarm Repowering

Figure 6.3

Landscape Character

Drawing Number: 2606-REP-064	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	

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0 3.75 7.5 15 Km

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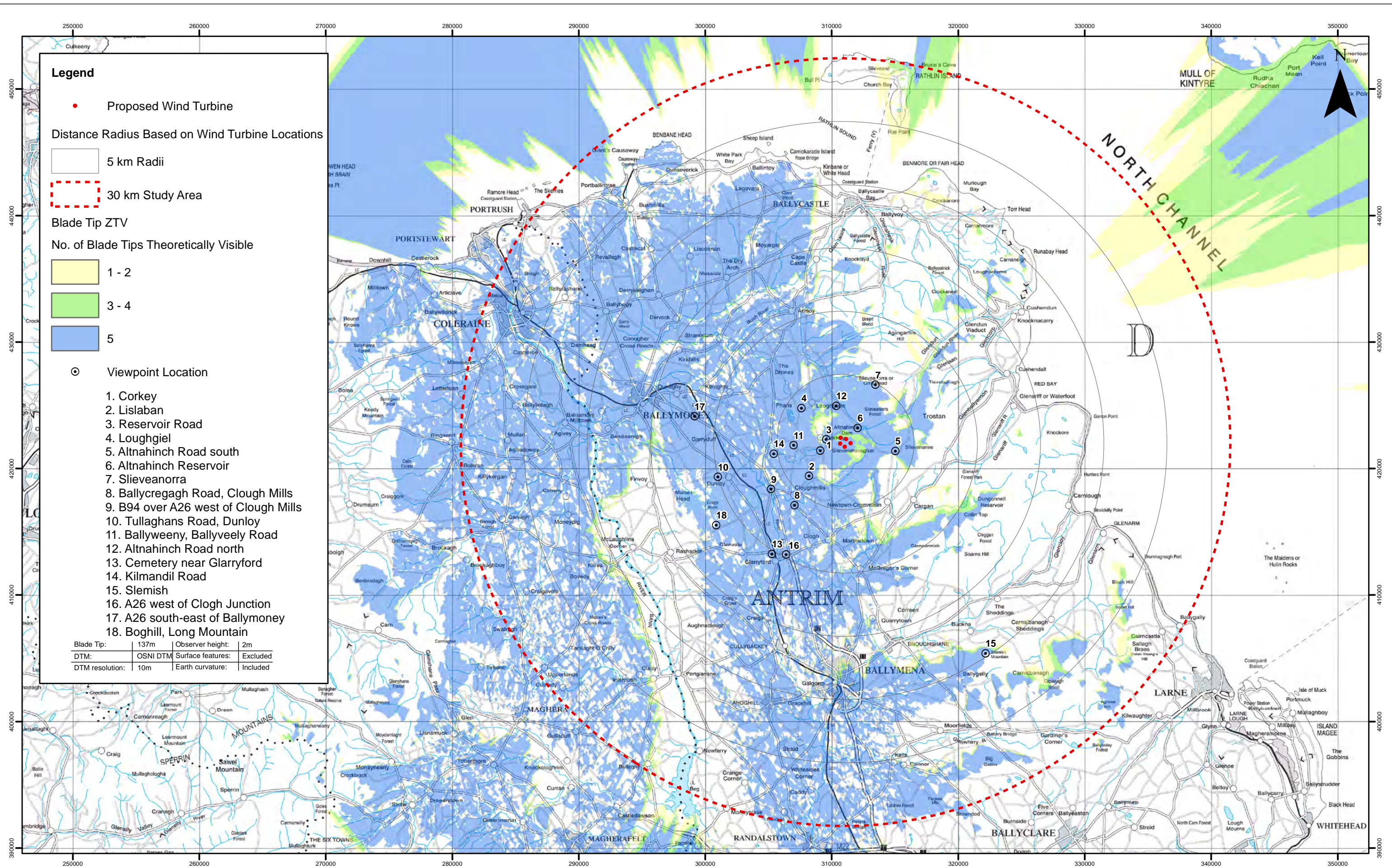
Corkey Windfarm Repowering

Figure 6.5

Principal Visual Receptors

Drawing Number: 2606-REP-066	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	

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Legend

• Proposed Wind Turbine

Distance Radius Based on Wind Turbine Locations

5 km Radii

30 km Study Area

Blade Tip ZTV

No. of Blade Tips Theoretically Visible

1 - 2

3 - 4

5

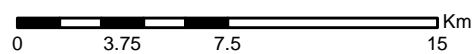
Viewpoint Location

1. Corkey
2. Lislaban
3. Reservoir Road
4. Loughgiel
5. Altnahinch Road south
6. Altnahinch Reservoir
7. Slieveanorra
8. Ballycreagh Road, Clough Mills
9. B94 over A26 west of Clough Mills
10. Tullaghans Road, Dunloy
11. Ballyweeny, Ballyveely Road
12. Altnahinch Road north
13. Cemetery near Glarryford
14. Kilmandil Road
15. Slemish
16. A26 west of Clogh Junction
17. A26 south-east of Ballymoney
18. Boghill, Long Mountain

Blade Tip:	137m	Observer height:	2m
DTM:	OSNI DTM	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included



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Corkey Windfarm Repowering
Figure 6.6a
Blade Tip ZTV with Viewpoints

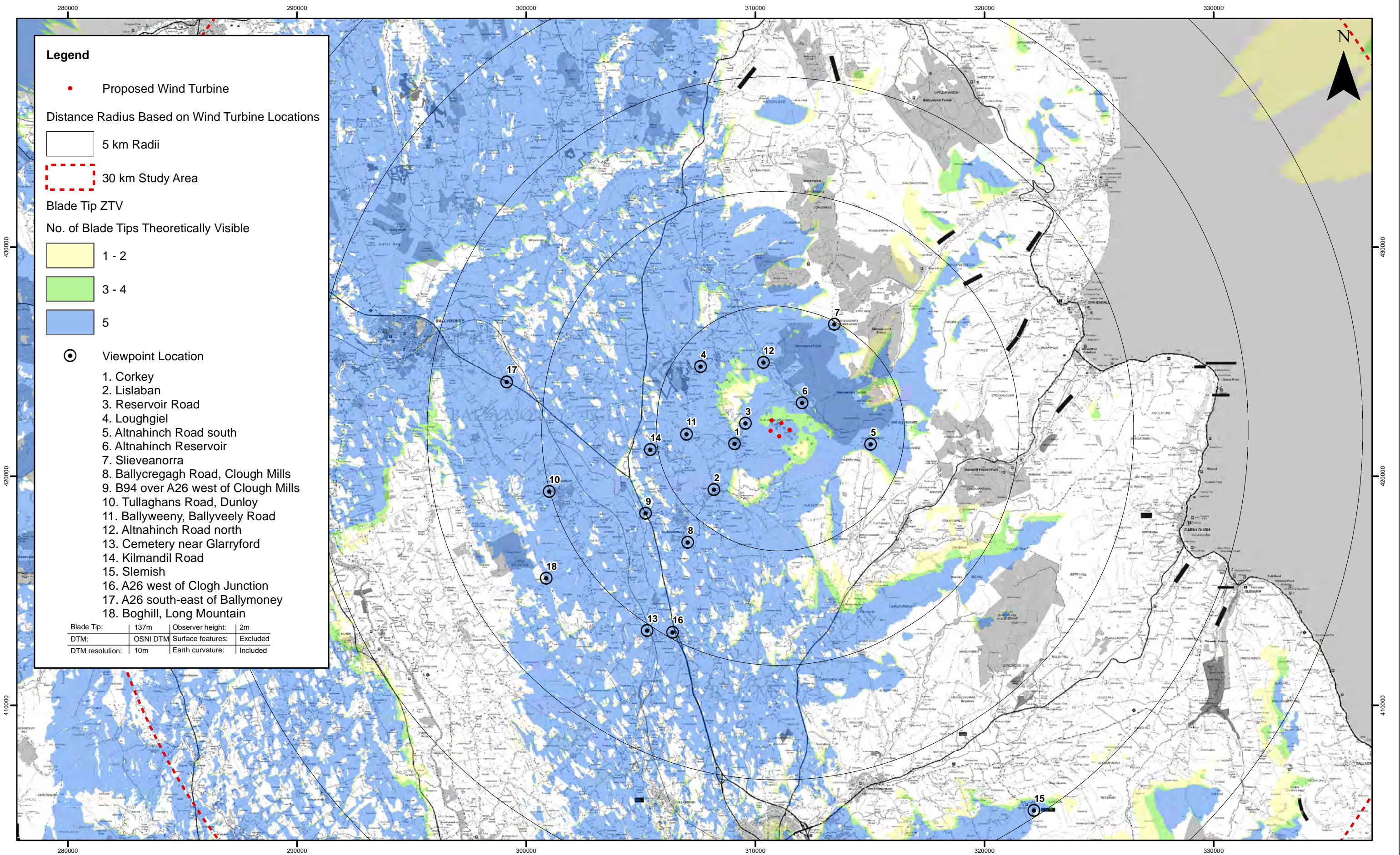
Drawing Number:
2606-REP-067

Datum
TM65

Projection
TM

Scale @ A3
1:270,000

Drawing produced by
Optimised Environments Ltd.



Legend

- Proposed Wind Turbine

Distance Radius Based on Wind Turbine Locations

- 5 km Radii
- 30 km Study Area

Blade Tip ZTV

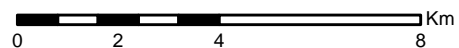
No. of Blade Tips Theoretically Visible

- 1 - 2
- 3 - 4
- 5

Viewpoint Location

- Corkey
- Lislaban
- Reservoir Road
- Loughgiel
- Altnahinch Road south
- Altnahinch Reservoir
- Slieveanorra
- Ballycragh Road, Clough Mills
- B94 over A26 west of Clough Mills
- Tullaghans Road, Dunloy
- Ballyweeny, Ballyveely Road
- Altnahinch Road north
- Cemetery near Glarryford
- Kilmandil Road
- Slemish
- A26 west of Clogh Junction
- A26 south-east of Ballymoney
- Boghill, Long Mountain

Blade Tip:	137m	Observer height:	2m
DTM:	OSNI DTM	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included



Corkey Windfarm Repowering

Figure 6.6b - Blade Tip ZTV with Viewpoints (15km)

Drawing Number:
2606-REP-068

Datum
TM65

Projection
TM

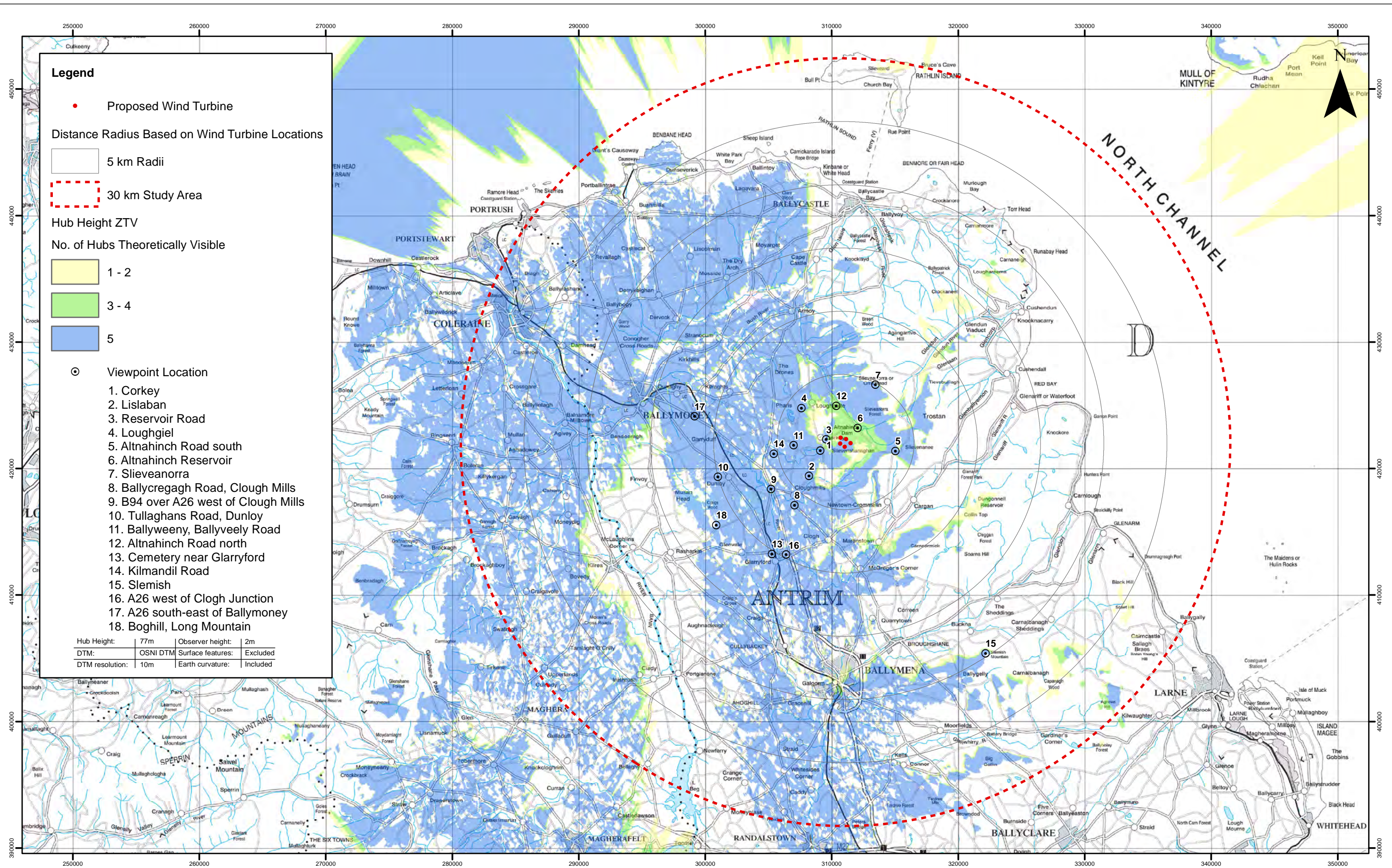
Scale @ A3
1:150,000

Drawing produced by
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Legend

- Proposed Wind Turbine

Distance Radius Based on Wind Turbine Locations

- 5 km Radii
- 30 km Study Area

Hub Height ZTV

No. of Hubs Theoretically Visible

- 1 - 2
- 3 - 4
- 5

Viewpoint Location

- Corkey
- Lislaban
- Reservoir Road
- Loughgiel
- Altnahinch Road south
- Altnahinch Reservoir
- Slieveanorra
- Ballycreagh Road, Clough Mills
- B94 over A26 west of Clough Mills
- Tullaghans Road, Dunloy
- Ballyweeny, Ballyveely Road
- Altnahinch Road north
- Cemetery near Glarryford
- Kilmantil Road
- Slemish
- A26 west of Clogh Junction
- A26 south-east of Ballymoney
- Boghill, Long Mountain

Hub Height:	77m	Observer height:	2m
DTM:	OSNI DTM	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included

0 3.75 7.5 15 Km

Corkey Windfarm Repowering Figure 6.7a Hub Height ZTV with Viewpoints

Drawing Number:
2606-REP-069

Datum
TM65

Projection
TM

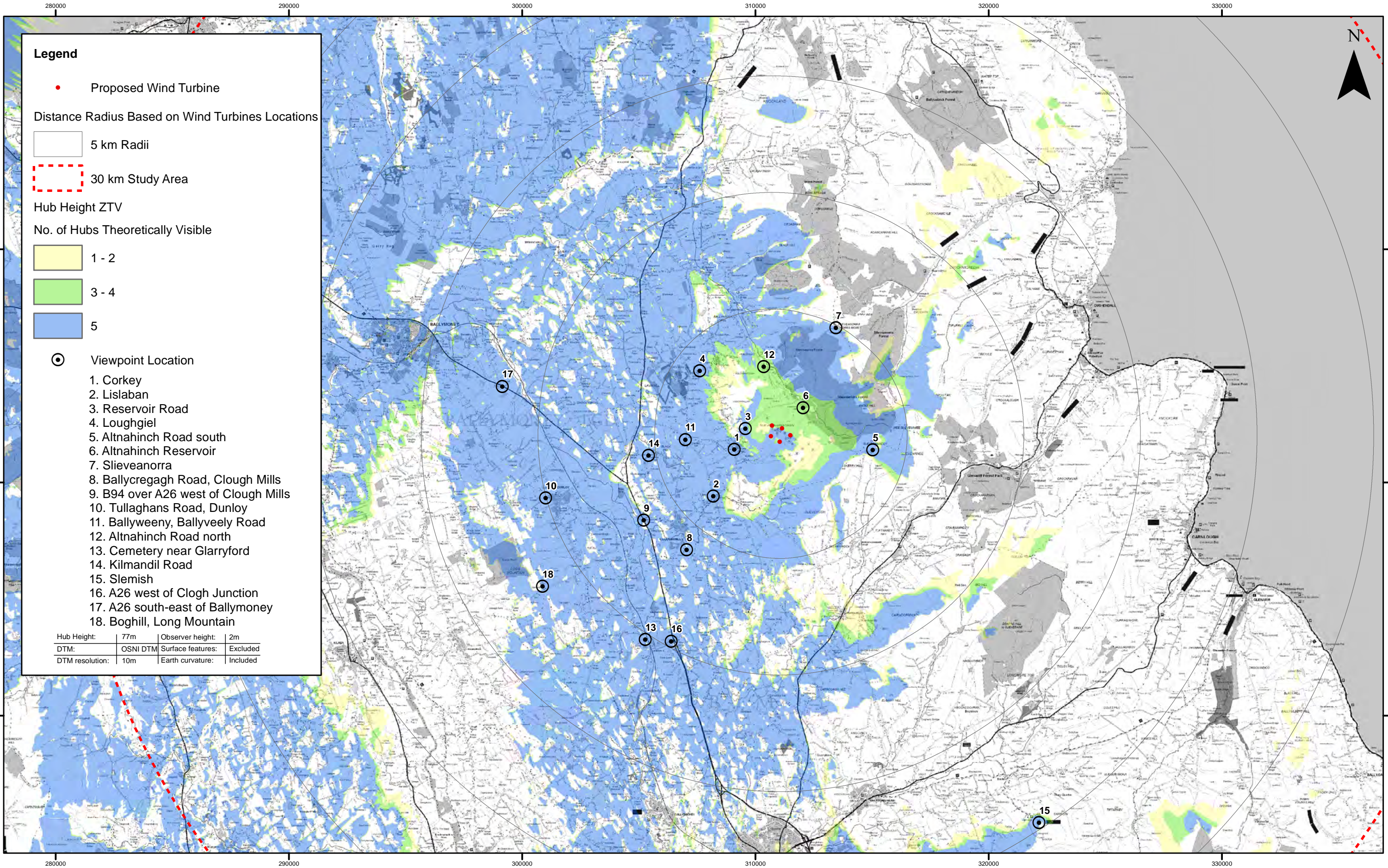
Scale @ A3
1:270,000

Drawing produced by
Optimised Environments Ltd.

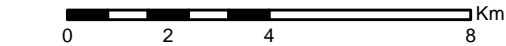


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Corkey Windfarm Repowering

Figure 6.7b - Hub Height ZTV with Viewpoints (15km)

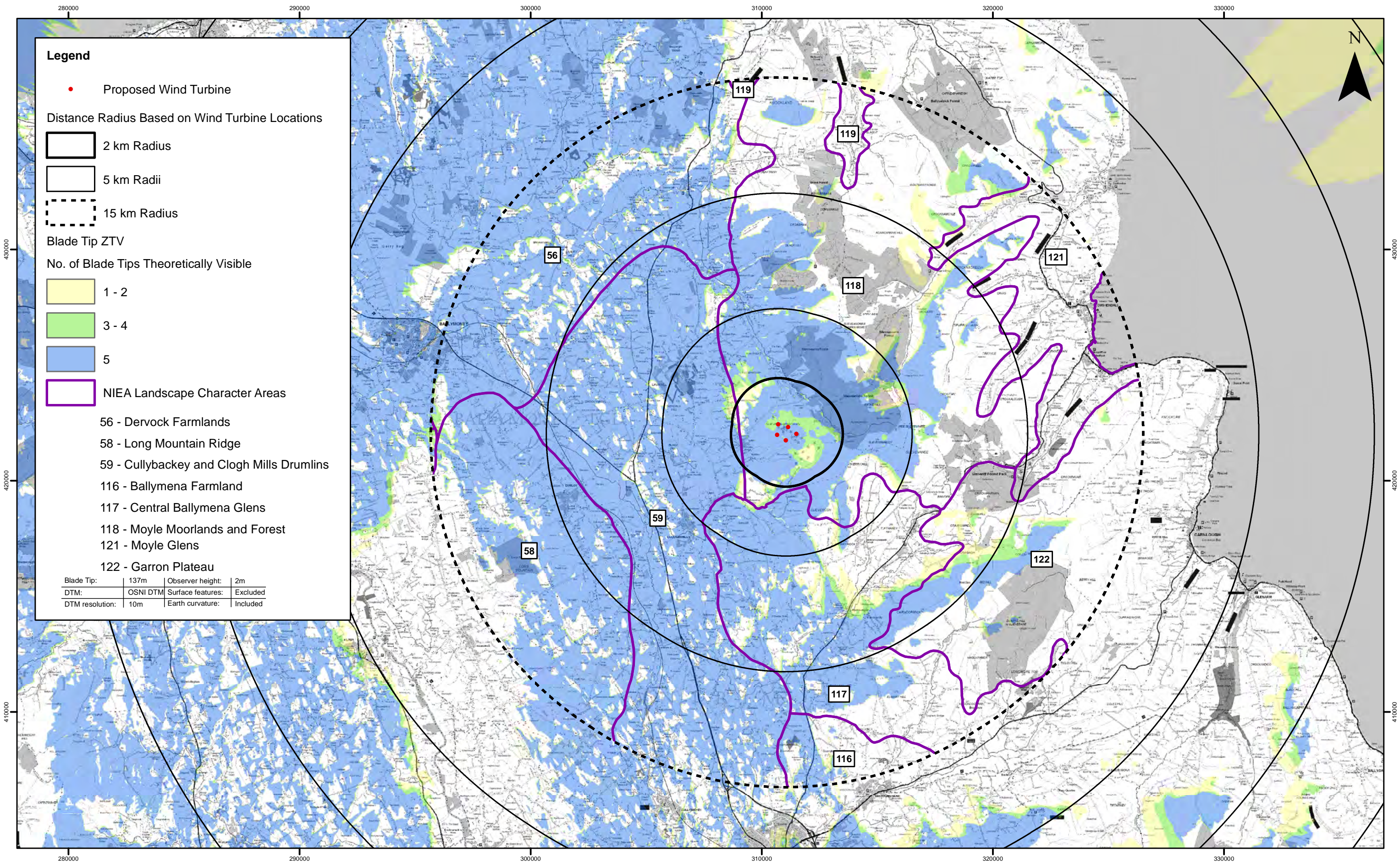
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Scale @ A3
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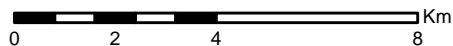
Datum
TM65

Projection
TM

Drawing produced by
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Corkey Windfarm Repowering

Figure 6.8 - Landscape Character & Blade Tip ZTV

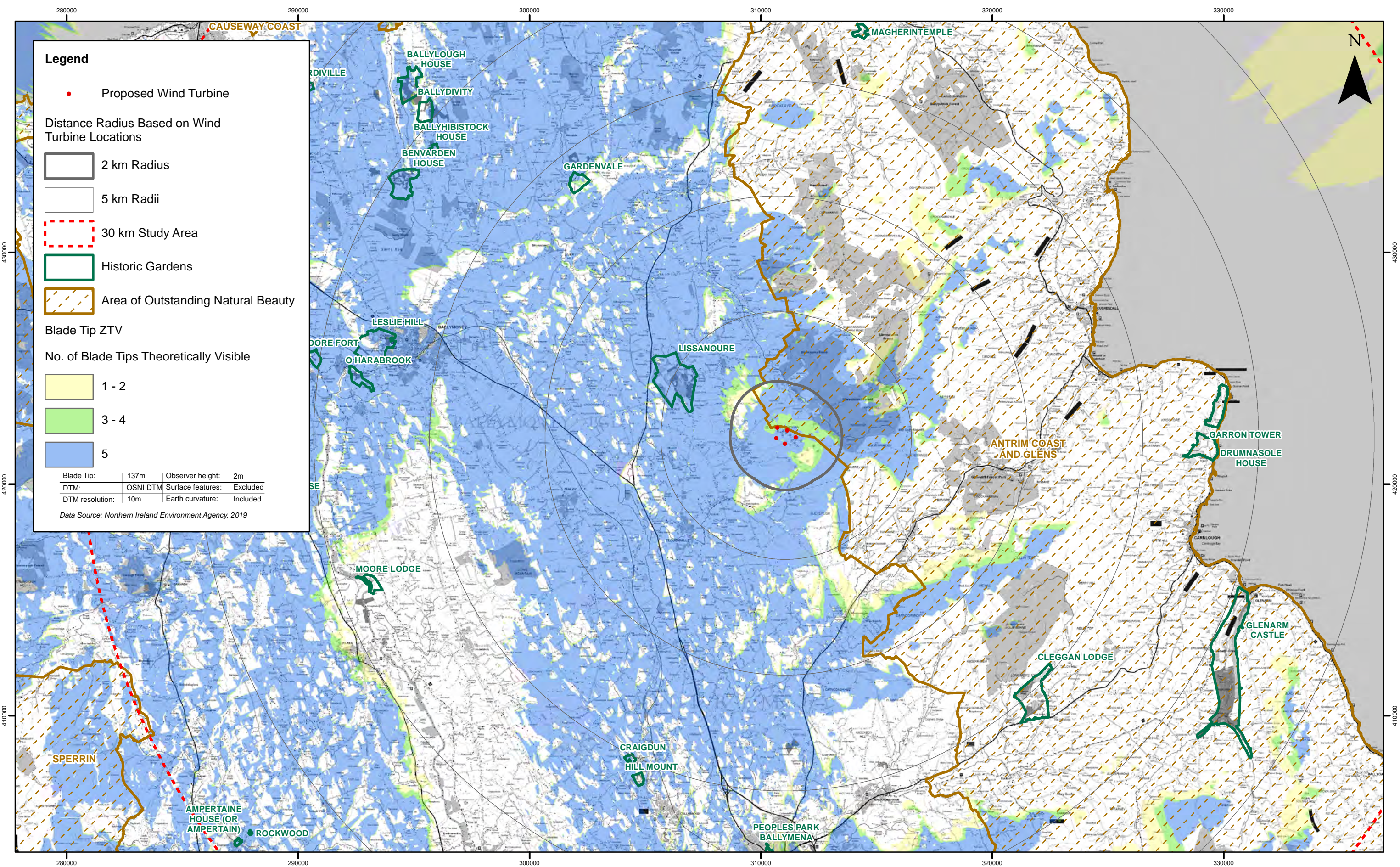
Drawing Number:
2606-REP-071

Datum
TM65

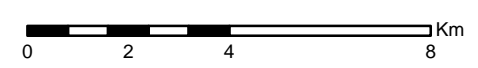
Projection
TM

Scale @ A3
1:150,000

Drawing produced by
Optimised Environments Ltd.



1	27/02/2019	TH	Third Issue
1	27/02/2019	TH	Second Issue
0	06/02/2019	TH	First Issue
Rev	Date	By	Comment



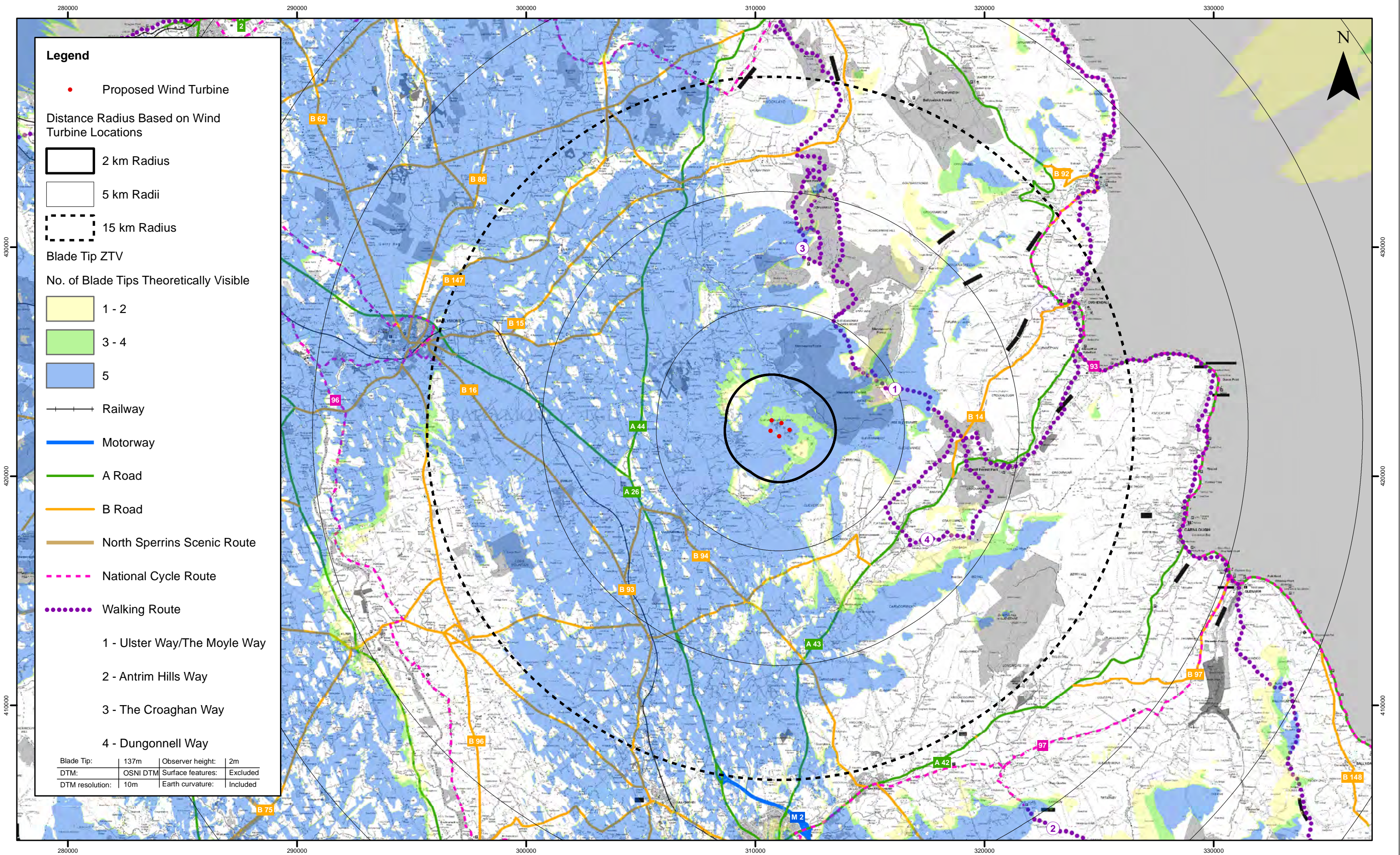
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Corkey Windfarm Repowering

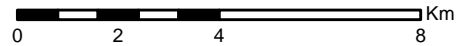
Figure 6.9 - Landscape Designations & Blade Tip ZTV

Drawing Number: 2606-REP-072	Datum TM65	Projection TM
Scale @ A3 1:150,000	Drawing produced by Optimised Environments Ltd.	

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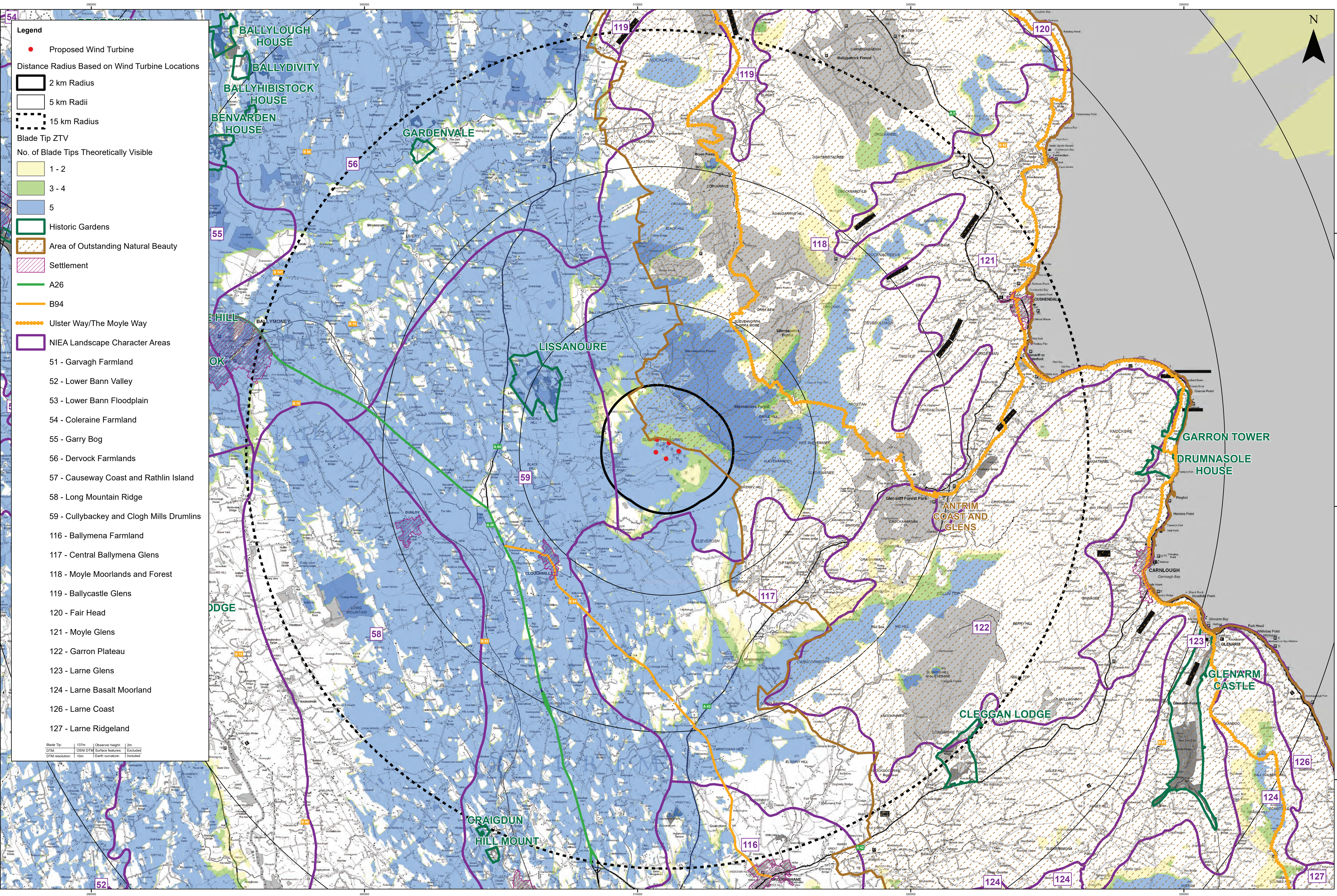


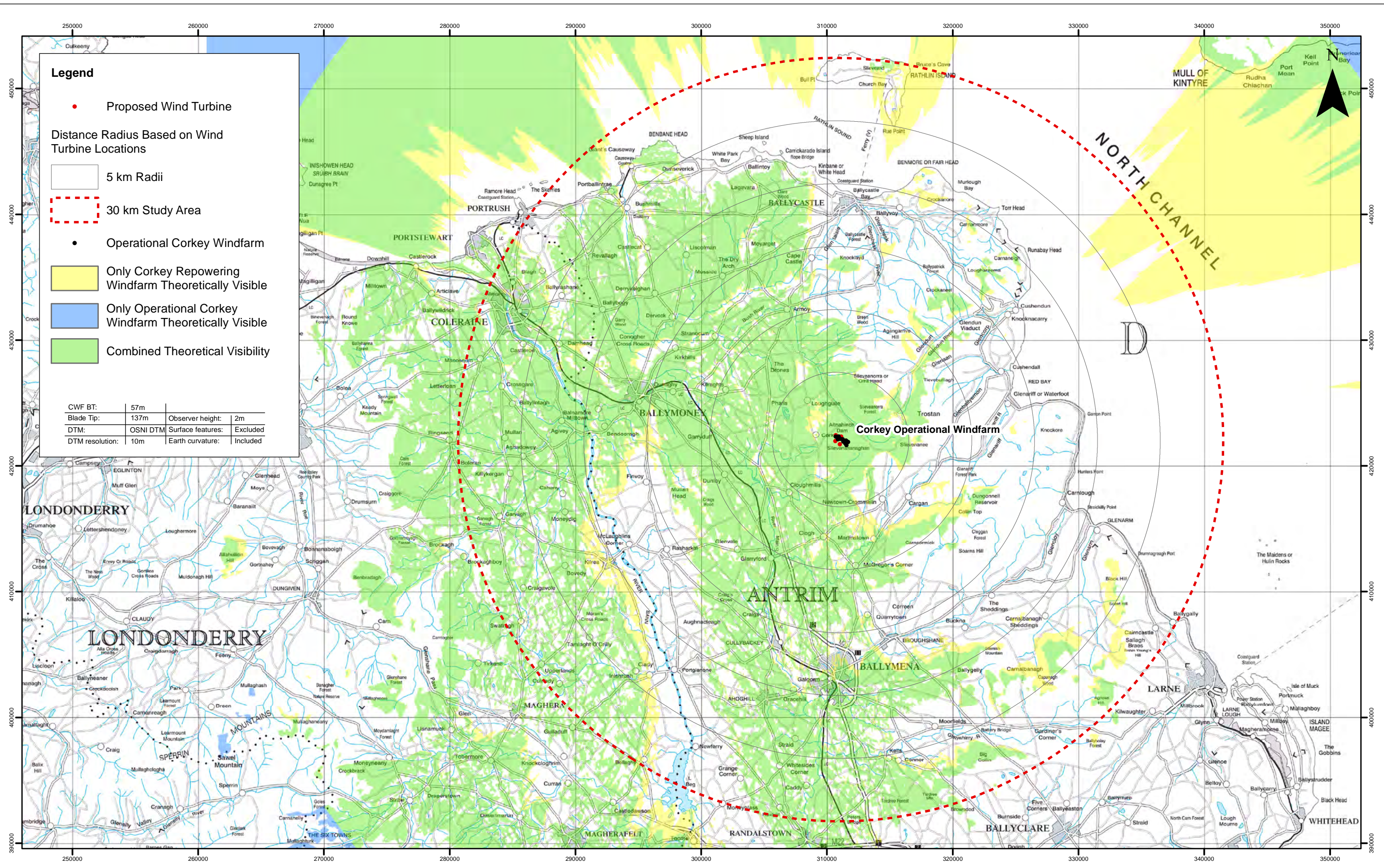
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Corkey Windfarm Repowering

Figure 6.10 - Principal Visual Receptors & Blade Tip ZTV

Drawing Number: 2606-REP-073	Datum TM65	Projection TM
Scale @ A3 1:150,000	Drawing produced by Optimised Environments Ltd.	



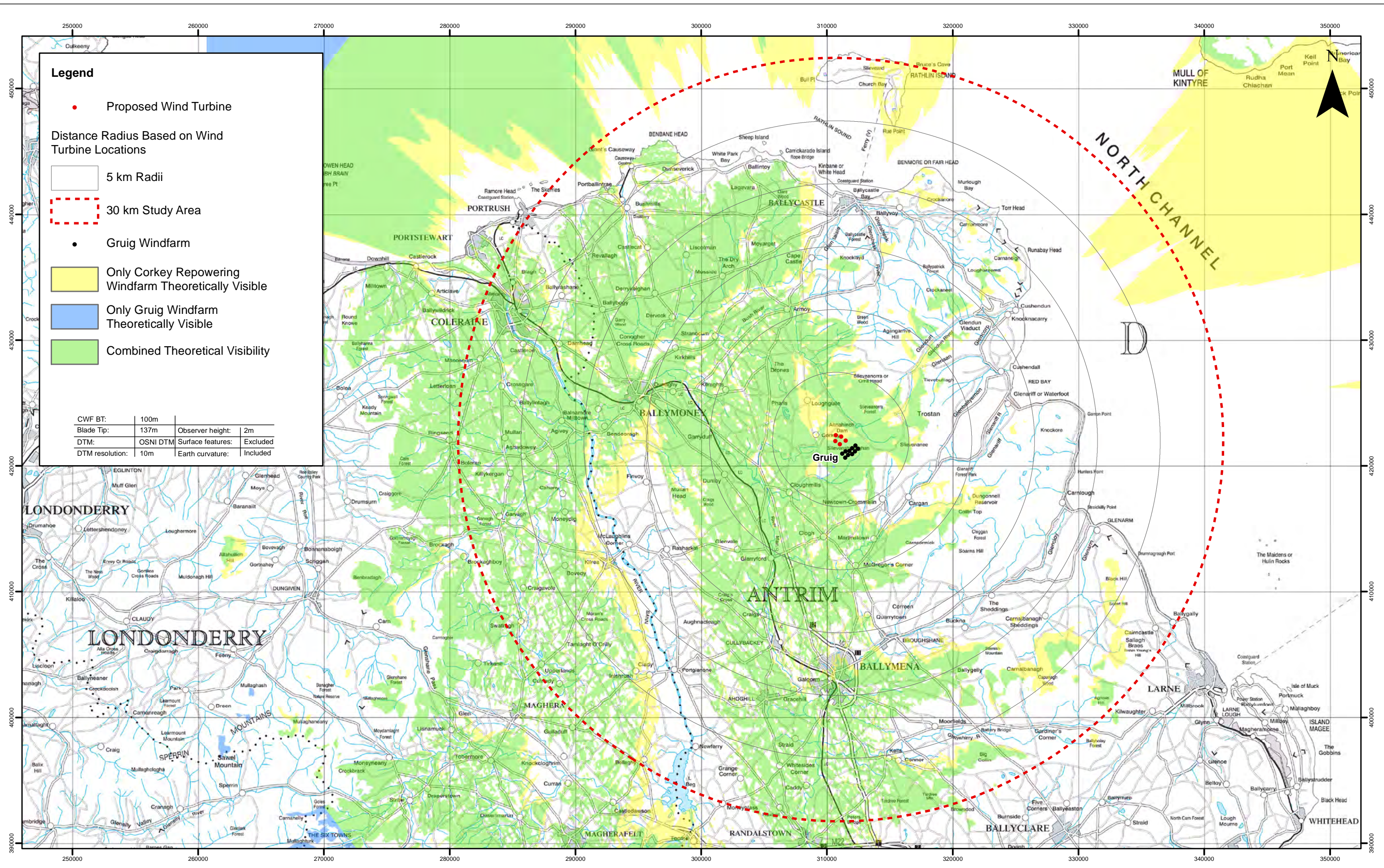


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Corkey Windfarm Repowering
Figure 6.13 - Comparative ZTV
with Operational Corkey Windfarm

Drawing Number: 2606-REP-076
Scale @ A3: 1:270,000
Datum: TM65
Projection: TM
Drawing produced by: Optimised Environments Ltd.



Legend

- Proposed Wind Turbine

Distance Radius Based on Wind Turbine Locations

- 5 km Radii
- 30 km Study Area

- Gruig Windfarm

- Only Corkey Repowering Windfarm Theoretically Visible
- Only Gruig Windfarm Theoretically Visible
- Combined Theoretical Visibility

CWF BT:	100m		
Blade Tip:	137m	Observer height:	2m
DTM:	OSNI DTM	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included

Corkey Windfarm Repowering Figure 6.14 Cumulative ZTV with Gruig

Drawing Number:
2606-REP-077

Datum
TM65

Projection
TM

Scale @ A3
1:270,000

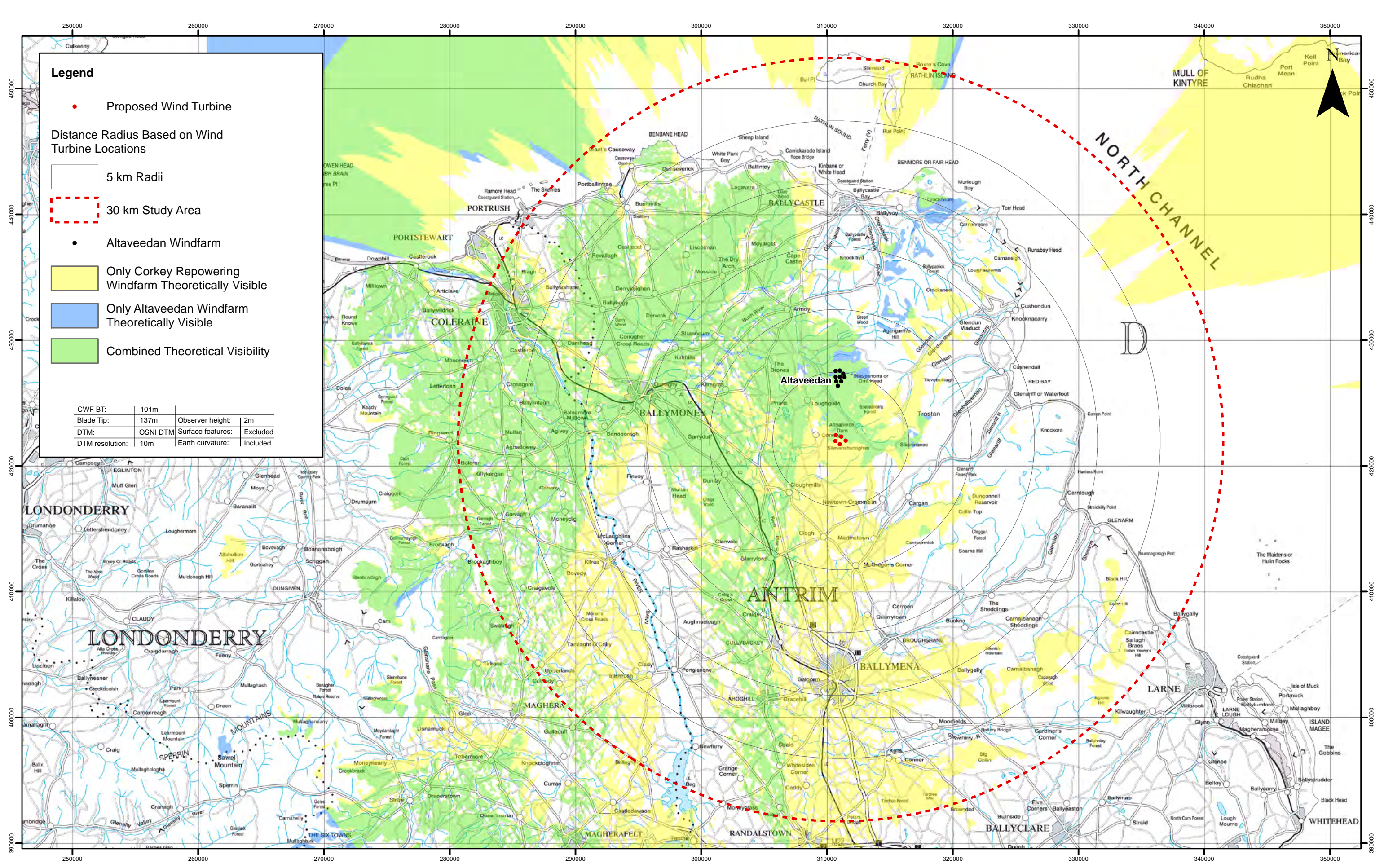
Drawing produced by
Optimised Environments Ltd.



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0 3.75 7.5 15 Km

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0 3.75 7.5 15 Km

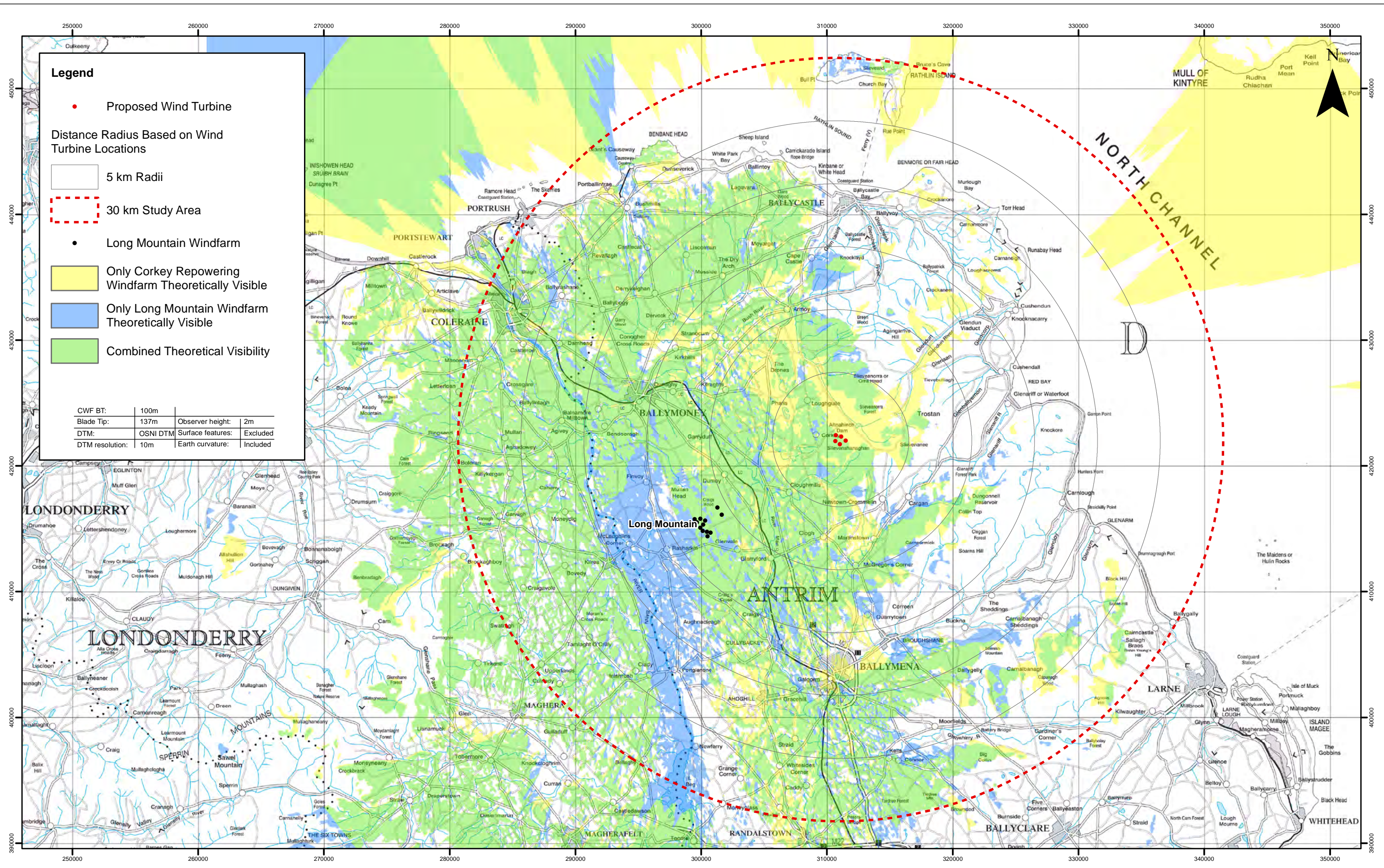
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Corkey Windfarm Repowering

Figure 6.15

Cumulative ZTV with Altaveedan

Drawing Number: 2606-REP-078	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	



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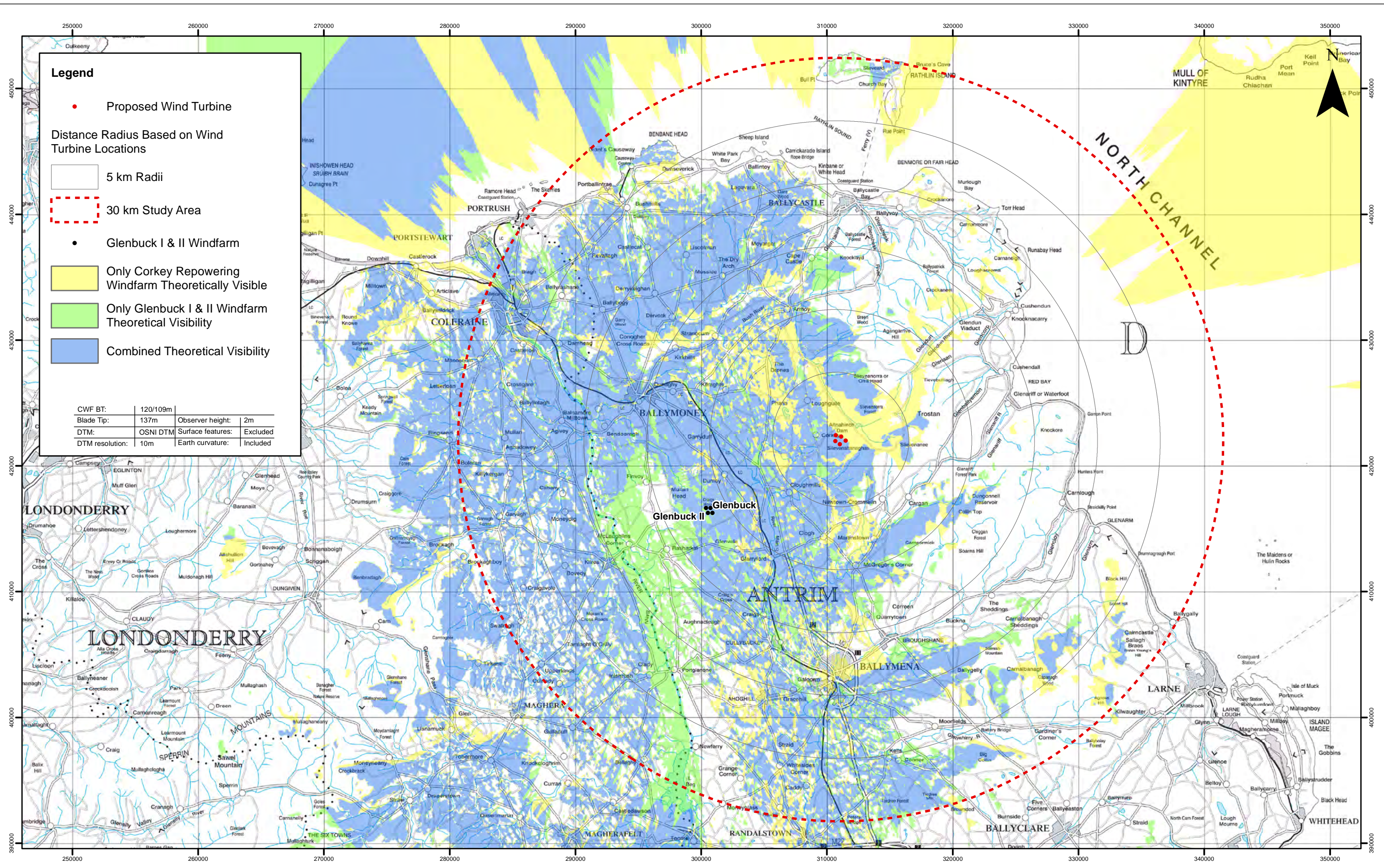
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Corkey Windfarm Repowering

Figure 6.16

Cumulative ZTV with Long Mountain

Drawing Number: 2606-REP-079	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	



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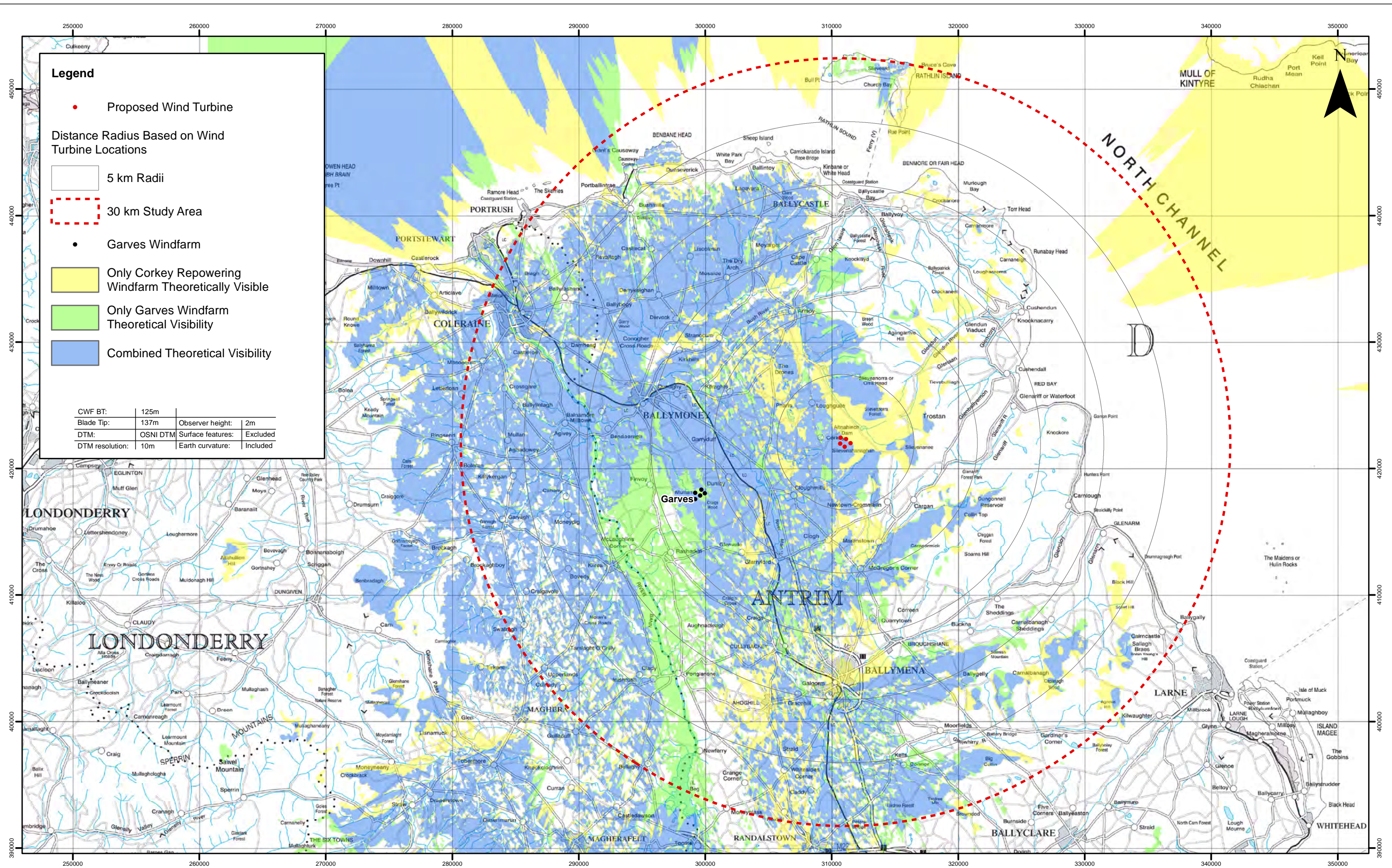
03.757.515

Km

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Corkey Windfarm Repowering
Figure 6.17
Cumulative ZTV with Glenbuck I & II

Drawing Number: 2606-REP-080	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	



- Legend**
- Proposed Wind Turbine
 - Distance Radius Based on Wind Turbine Locations
 - 5 km Radii
 - 30 km Study Area
 - Garves Windfarm
 - Only Corkey Repowering Windfarm Theoretically Visible
 - Only Garves Windfarm Theoretical Visibility
 - Combined Theoretical Visibility

CWF BT:	125m	Observer height:	2m
Blade Tip:	137m	OSNI DTM Surface features:	Excluded
DTM:	OSNI DTM	Earth curvature:	Included
DTM resolution:	10m		



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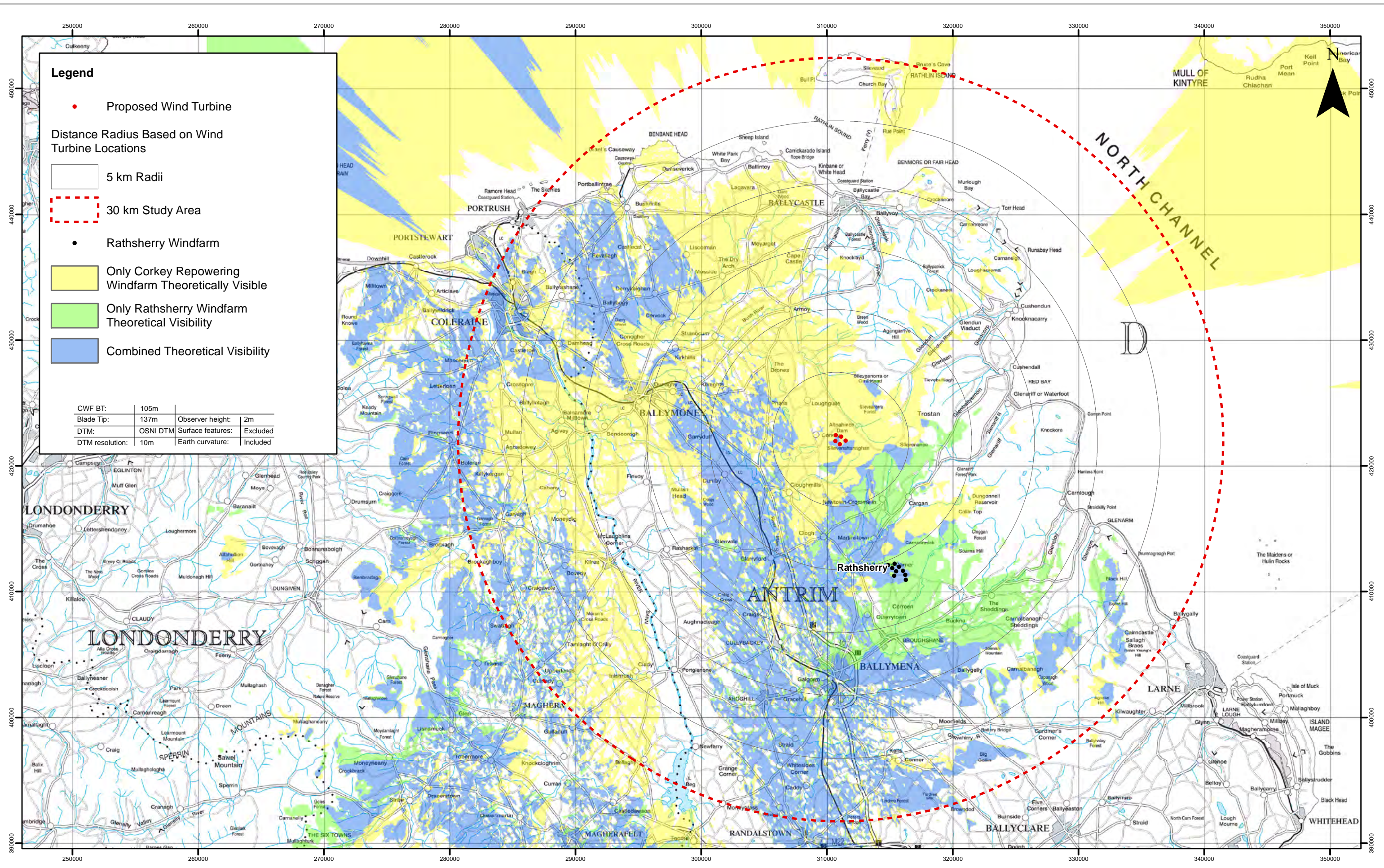
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Corkey Windfarm Repowering
Figure 6.18
Cumulative ZTV with Garves

Drawing Number: 2606-REP-081	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	

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Km

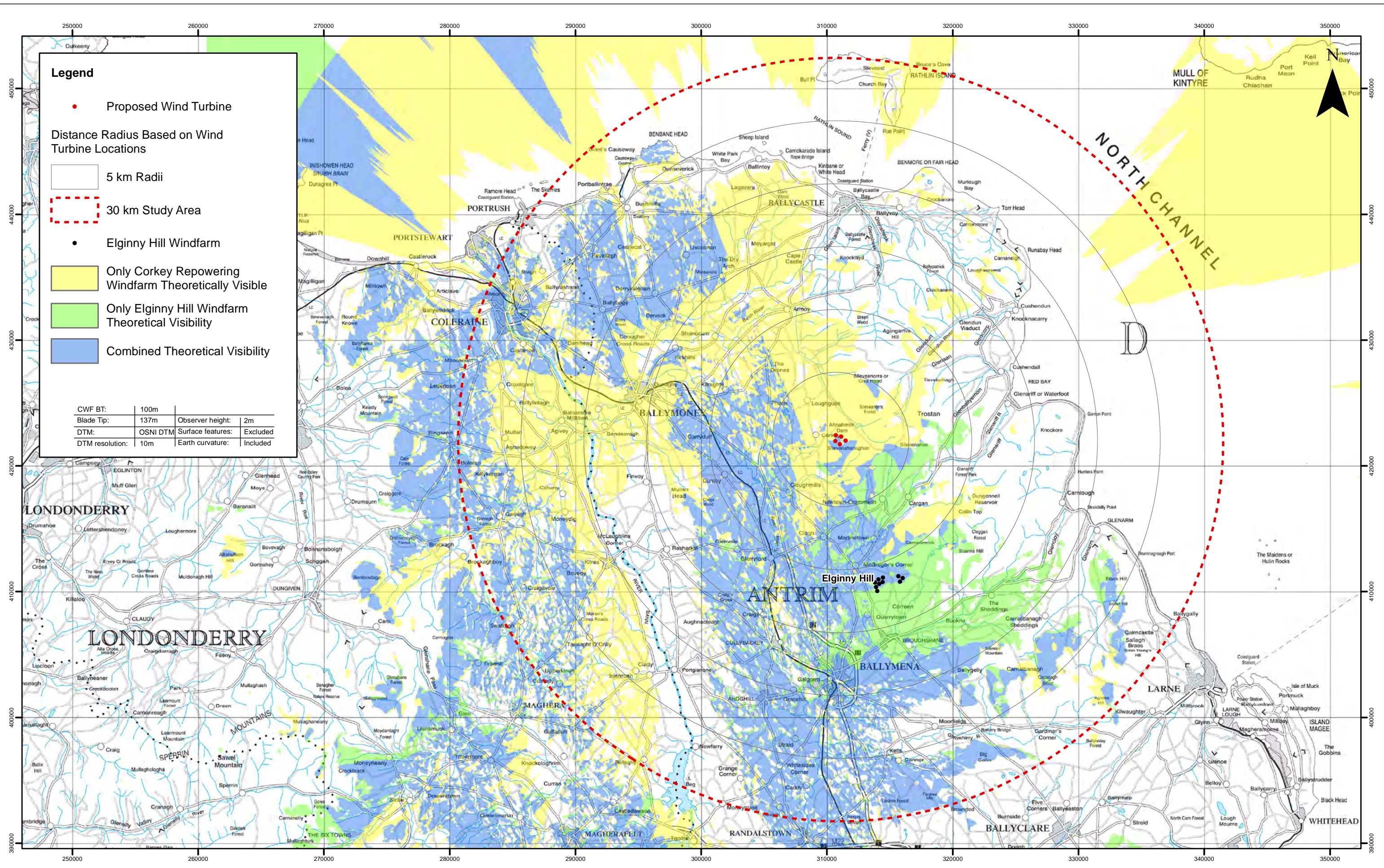
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Corkey Windfarm Repowering

Figure 6.19

Cumulative ZTV with Rathsherry

Drawing Number: 2606-REP-082	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	



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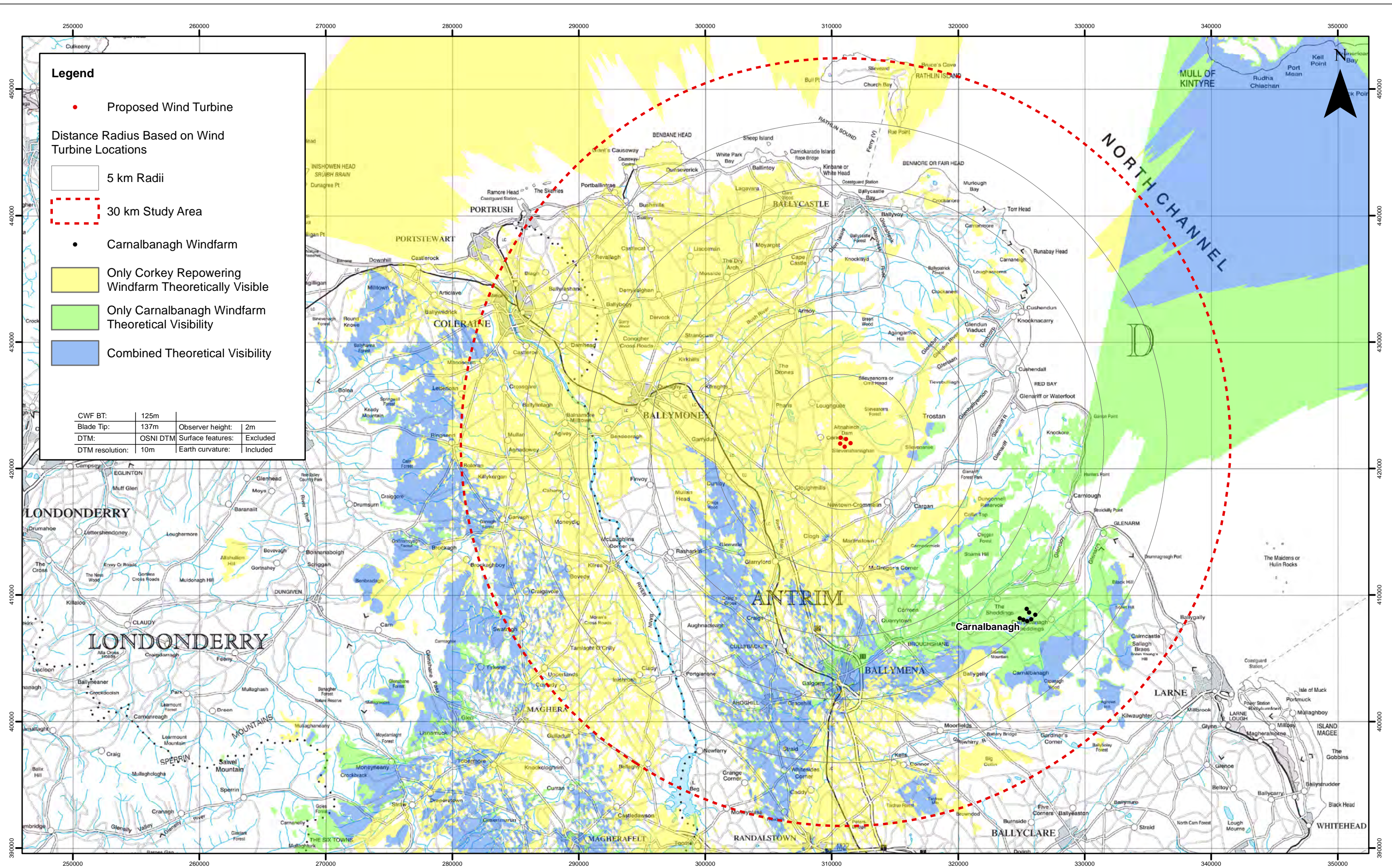
Corkey Windfarm Repowering

Figure 6.20

Cumulative ZTV with Elginny Hill

Drawing Number: 2606-REP-083	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	

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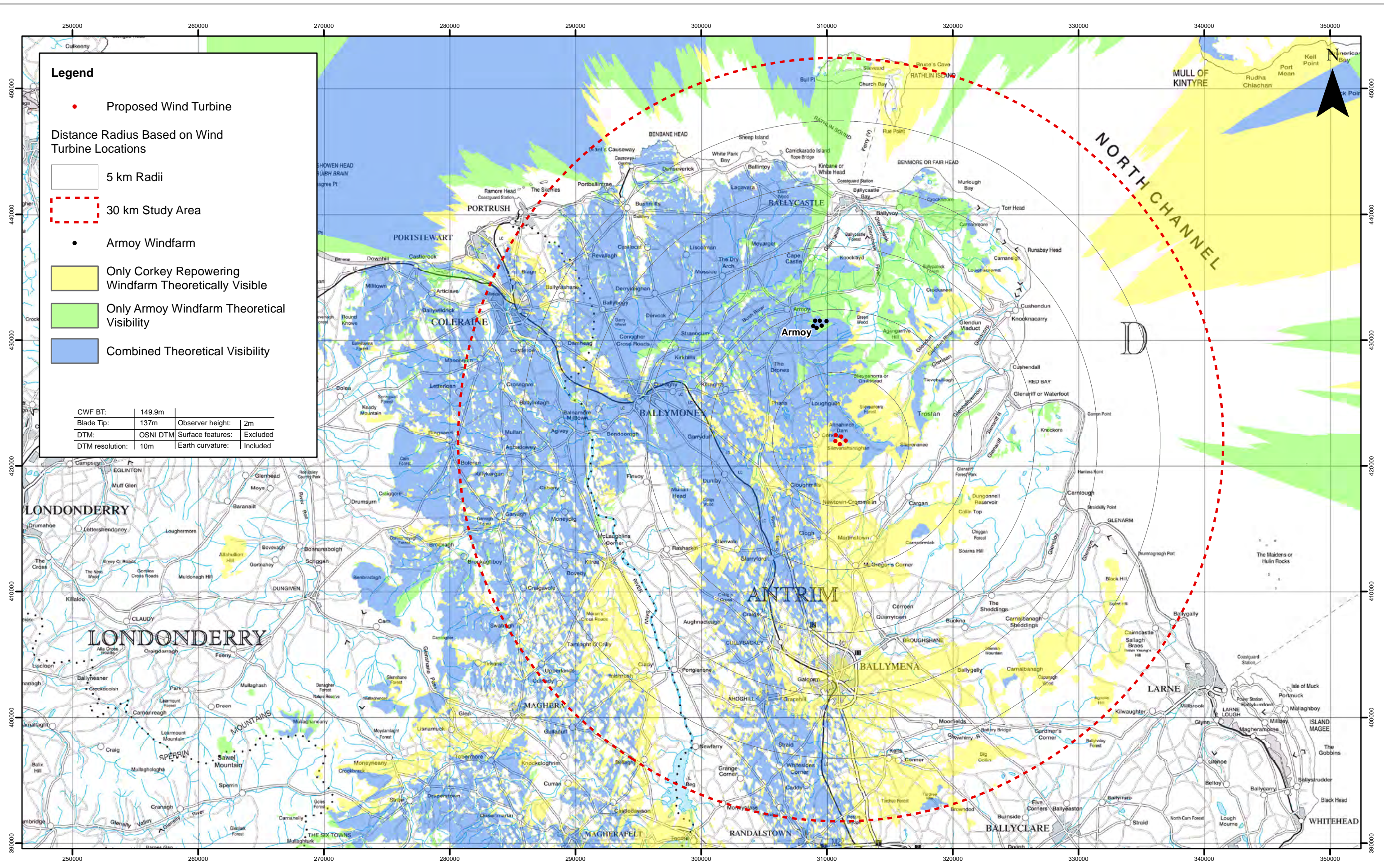
0 3.75 7.5 15 Km

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Corkey Windfarm Repowering
Figure 6.21
Cumulative ZTV with Carnalbanagh

Drawing Number: 2606-REP-084	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	

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Rev	Date	By	Comment

0 3.75 7.5 15 Km

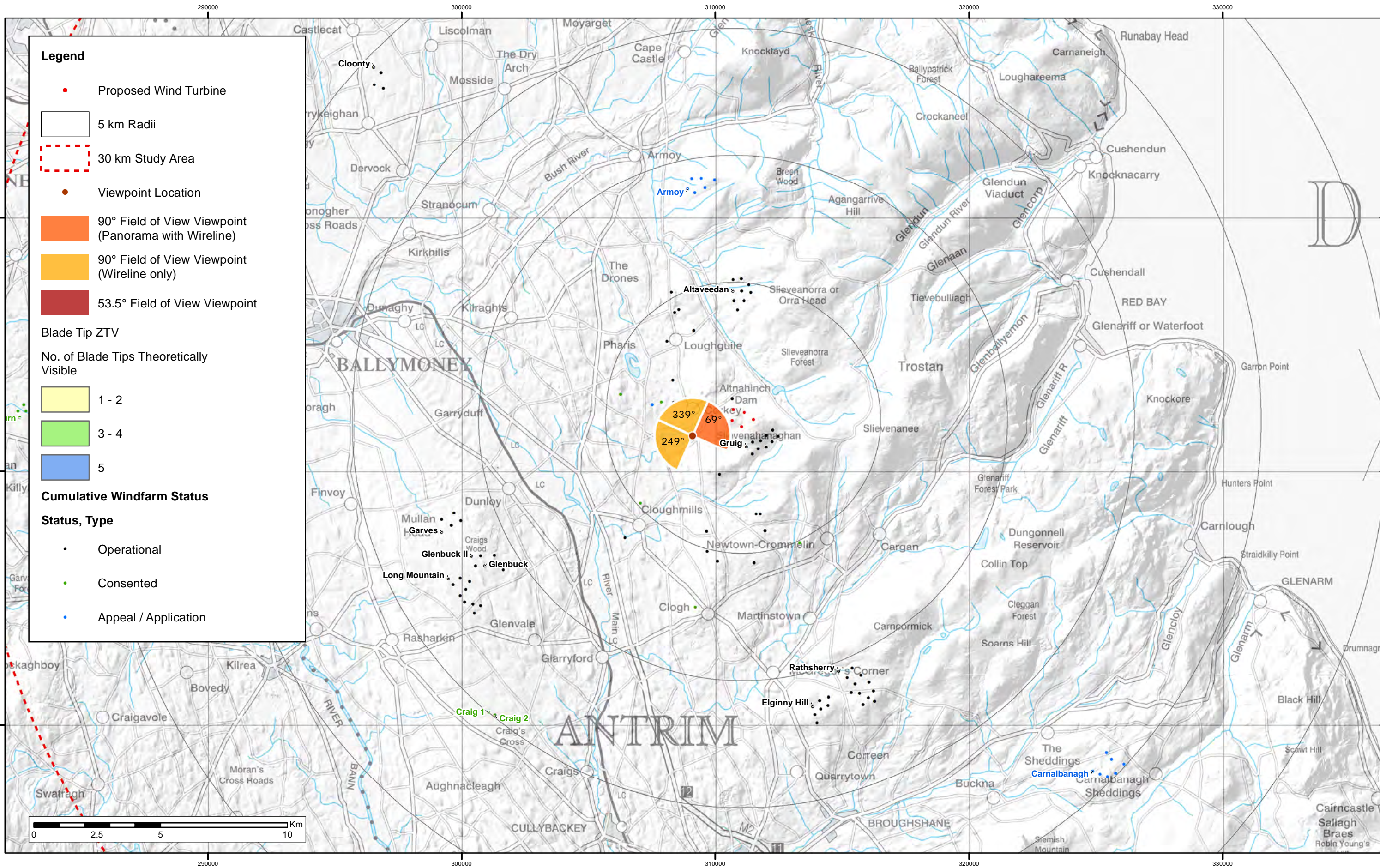
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Corkey Windfarm Repowering

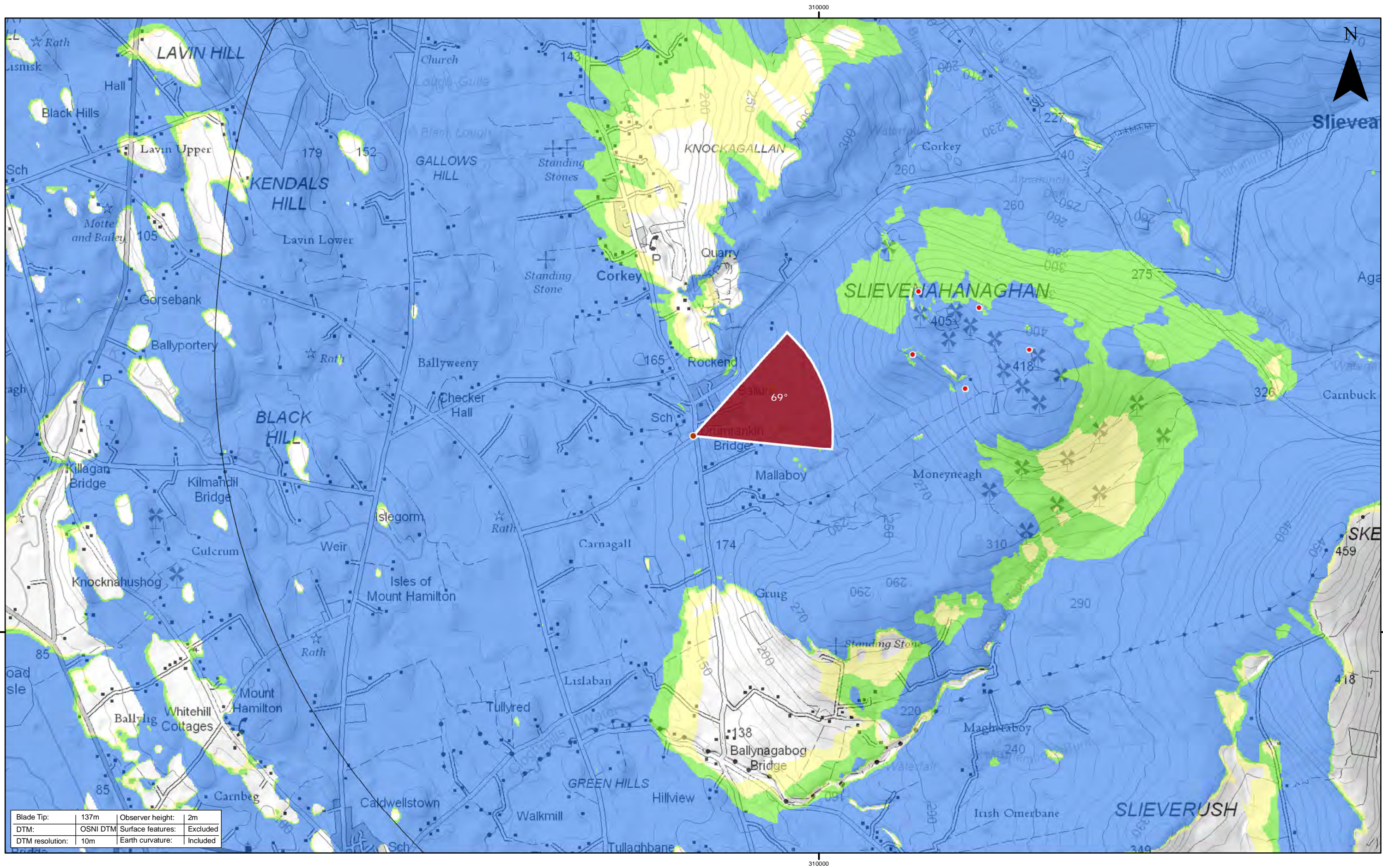
Figure 6.22

Cumulative ZTV with Armoey

Drawing Number: 2606-REP-085	Datum TM65	Projection TM
Scale @ A3 1:270,000	Drawing produced by Optimised Environments Ltd.	



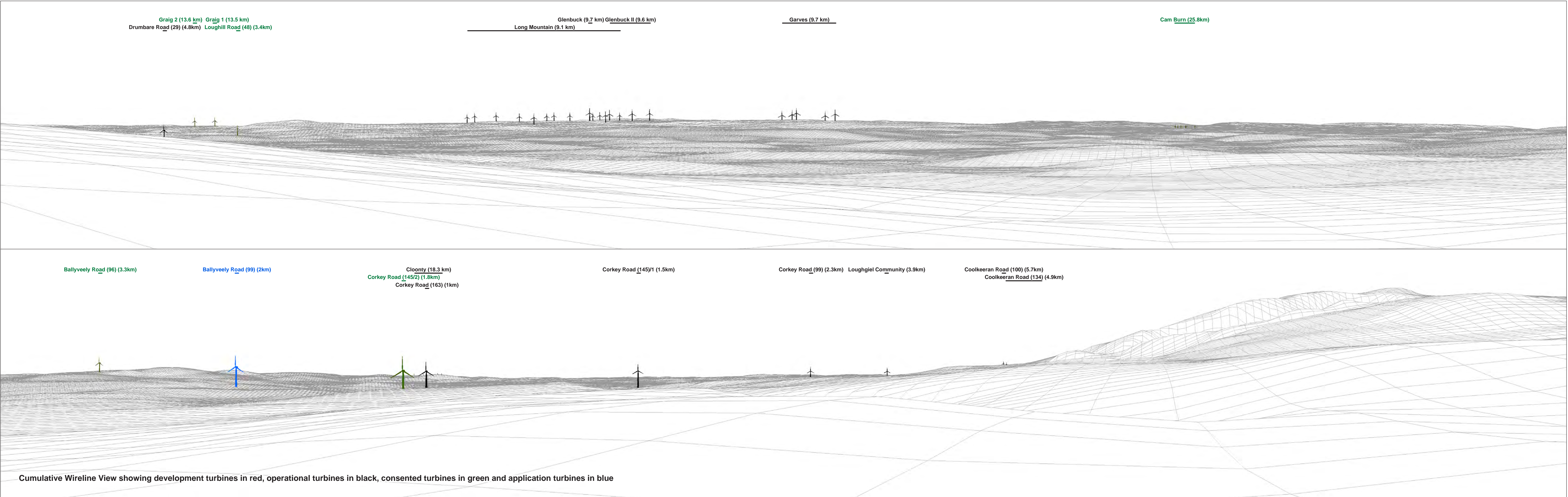
Note:
1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.

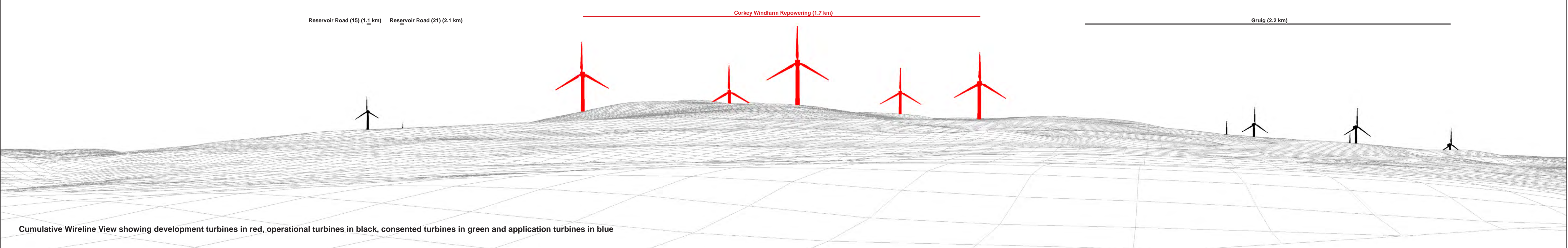


2	29/05/19	JM	Third Issue
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Km			
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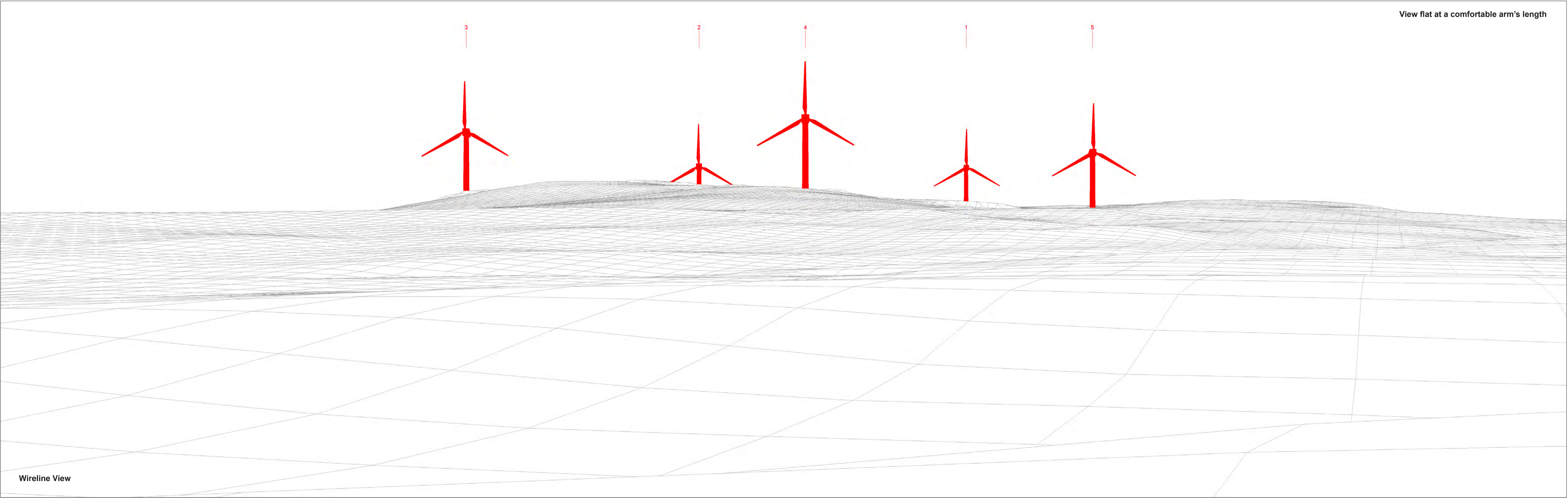
Corkey Windfarm Repowering Figure 6.23 - Viewpoint 1 Corkey		Drawing Number: 2606-REP-086	Datum TM65	Projection TM
Scale @ A3 1:25,000		Drawing produced by Optimised Environments Ltd.		





OS reference	309097 E 421409 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	157.5 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	69°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	1.68 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 14:45

Figure 6.23b
Viewpoint 1: Corkey Panorama with Cumulative Wireline



View flat at a comfortable arm's length

Wireline View

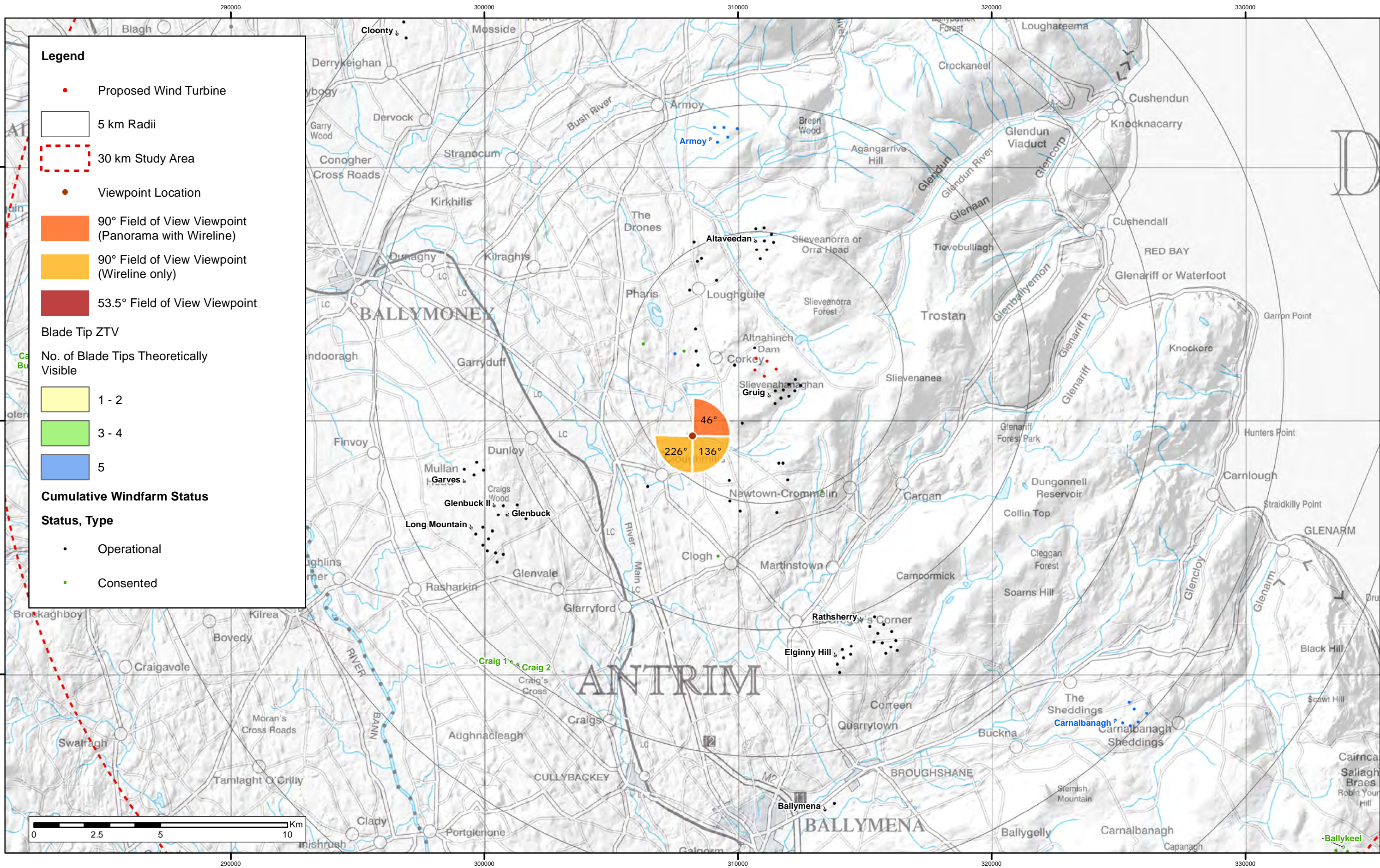
Figure 6.23c
Viewpoint 1: Corkey Wireline



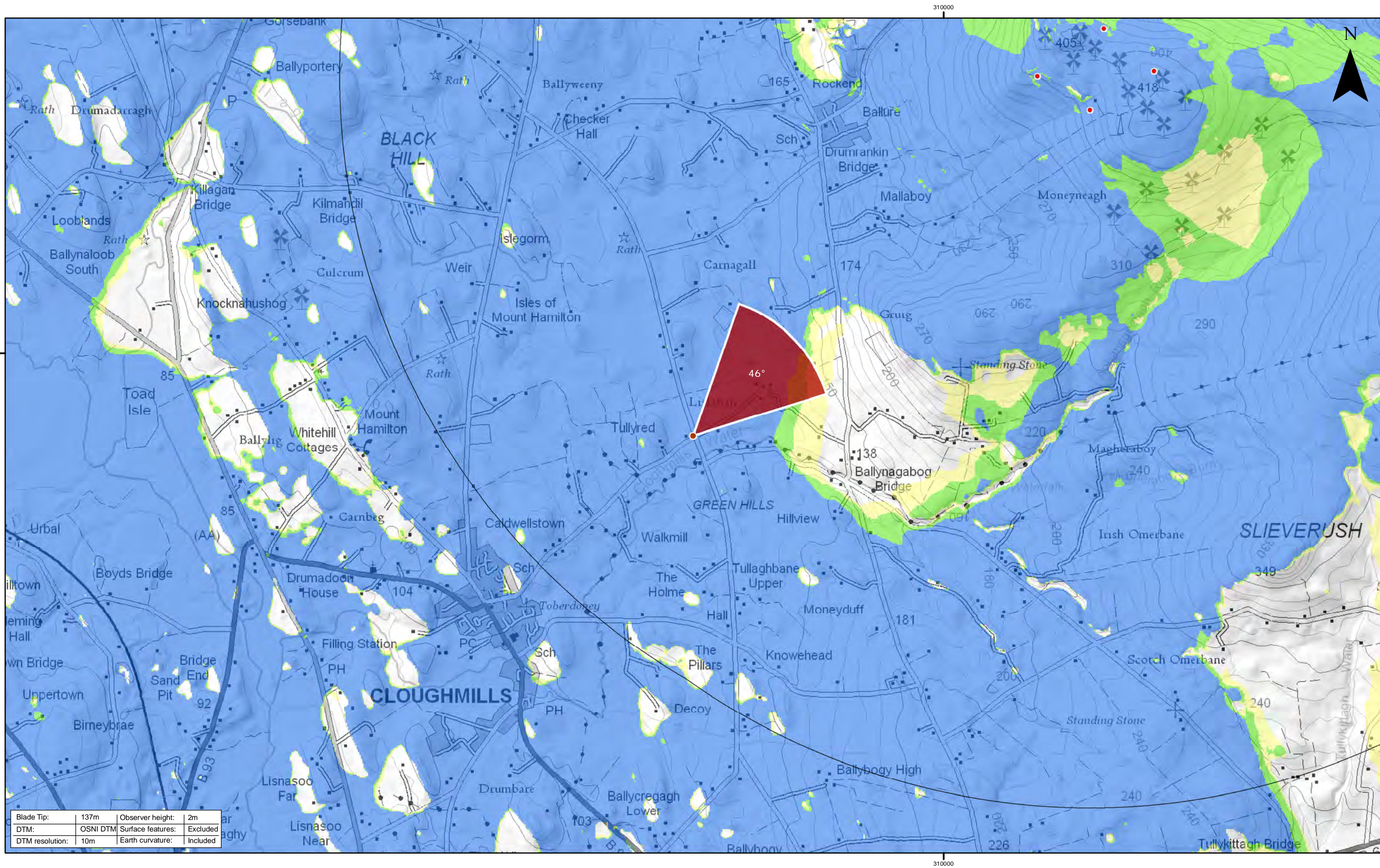
Photomontage

OS reference	309097 E 421409 N	Horizontal field of view	53.5° (planar projection)	Camera	Canon EOS 6D
Elevation	157.5 m AOD	Principal distance	812.5 mm	Lens	Canon EF 50mm f/1.4
Direction of view	69°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	1.68 km	Correct printed image size	820 x 260 mm	Date & time taken	25/03/2017 14:45

Figure 6.23d
Viewpoint 1: Corkey Photomontage



Note:
1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.

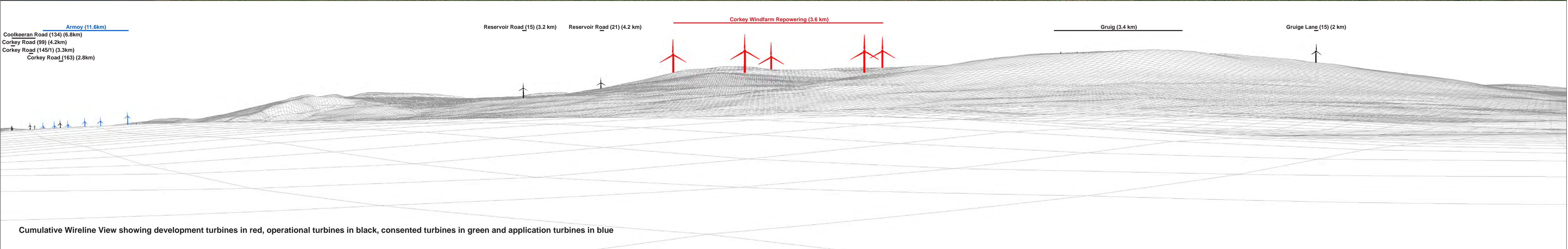


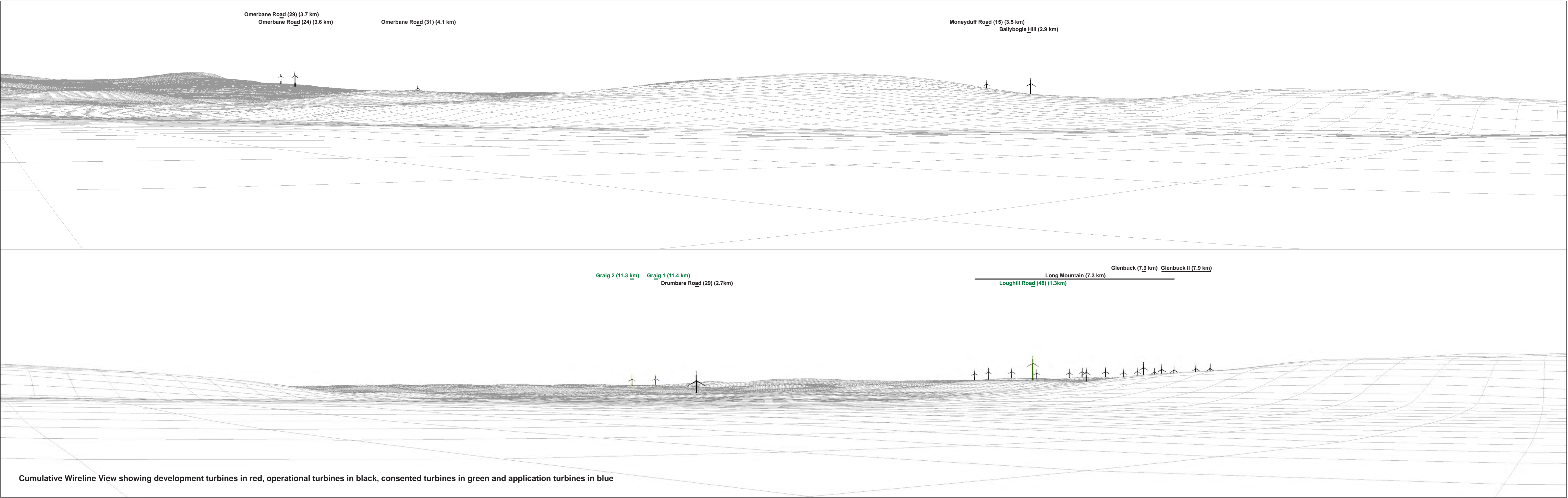
2	29/05/19	JM	Third Issue
1	27/02/19	JM	Second Issue
0	06/02/19	JM	First Issue
Rev	Date	By	Comment

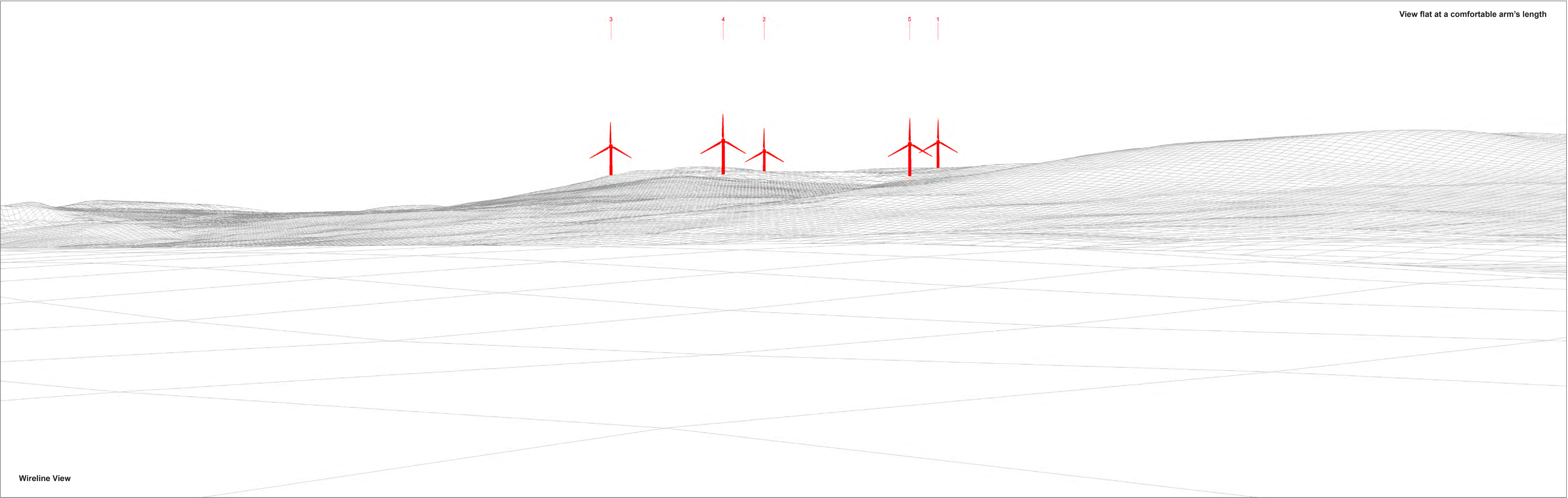
0	0.25	0.5	1
Km			
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Corkey Windfarm Repowering		Drawing Number:		Datum		Projection	
Figure 6.24 - Viewpoint 2		2606-REP-087		TM65		TM	
Lislaban		Scale @ A3		Drawing produced by		Optimised Environments Ltd.	
1:25,000							

UNP5-FEE-GUS009 REV.001







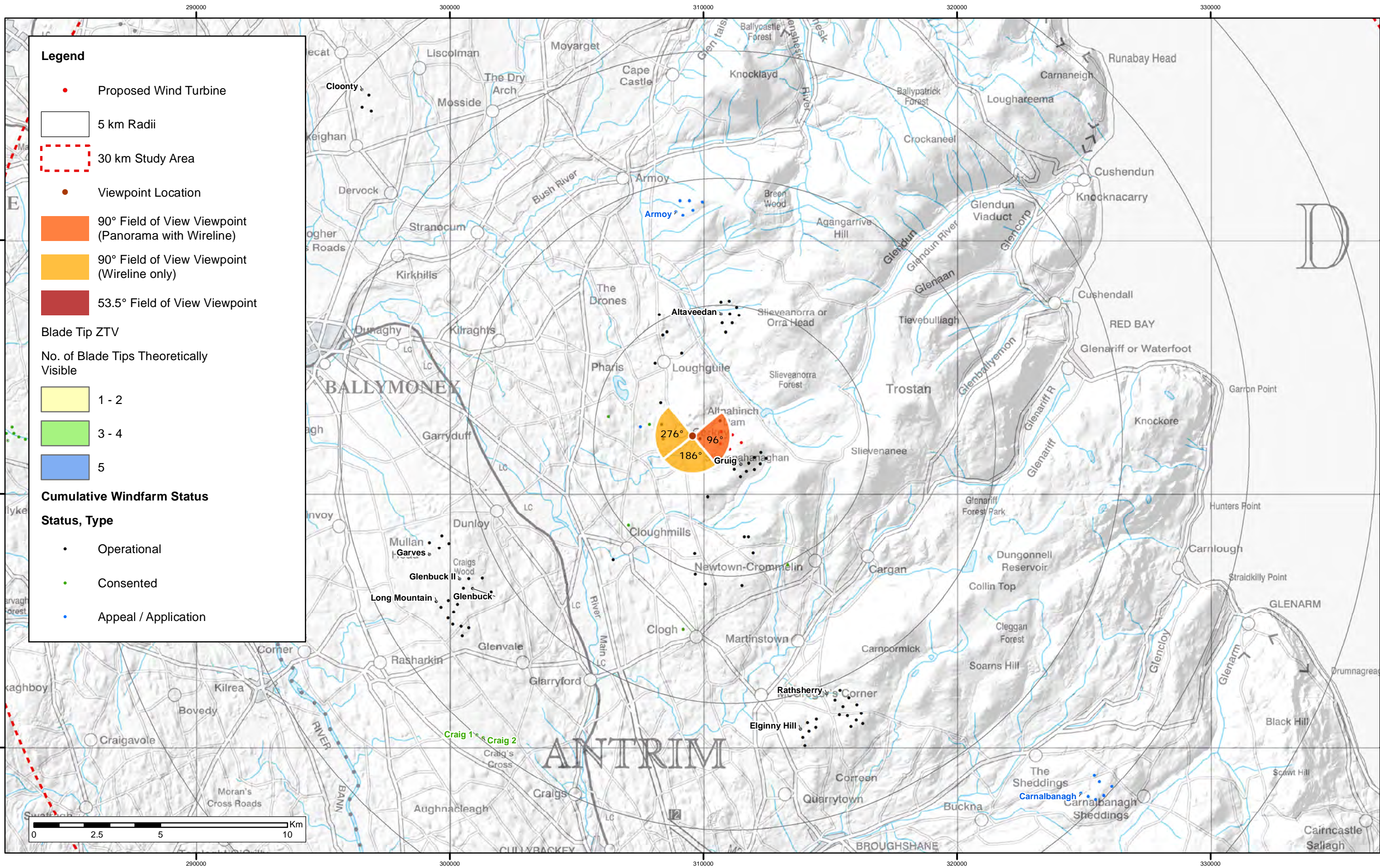


View flat at a comfortable arm's length

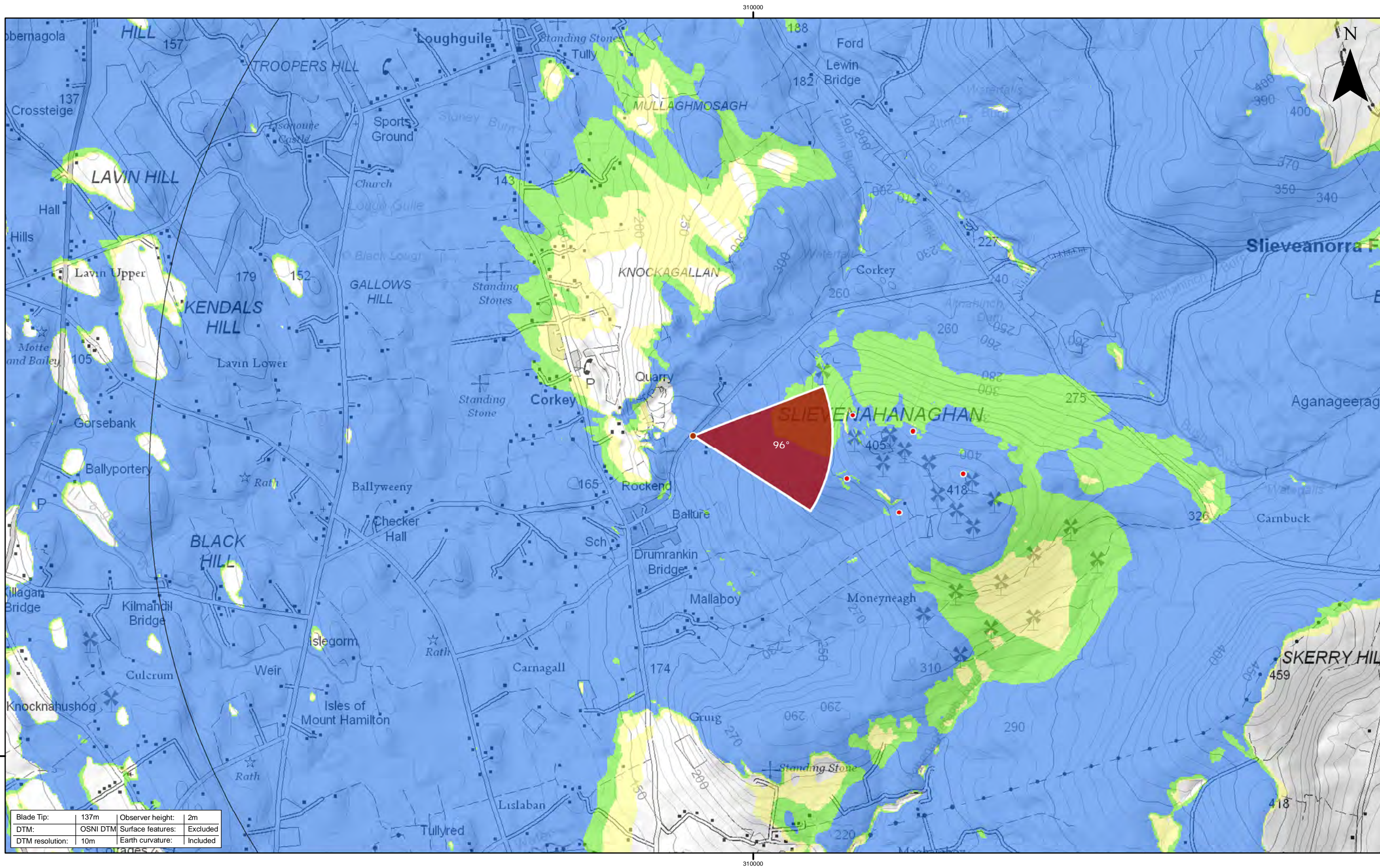
Photomontage

OS reference	308202 E 419411 N	Horizontal field of view	53.5° (planar projection)	Camera	Canon EOS 6D
Elevation	114.2 m AOD	Principal distance	812.5 mm	Lens	Canon EF 50mm f/1.4
Direction of view	46°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	3.57 km	Correct printed image size	820 x 260 mm	Date & time taken	25/03/2017 14:35

Figure 6.24d
Viewpoint 2: Lislaban Photomontage



Note:
1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.

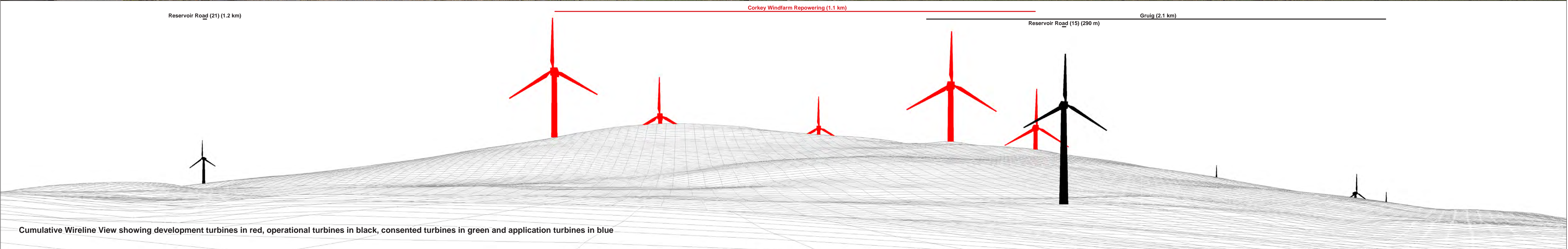


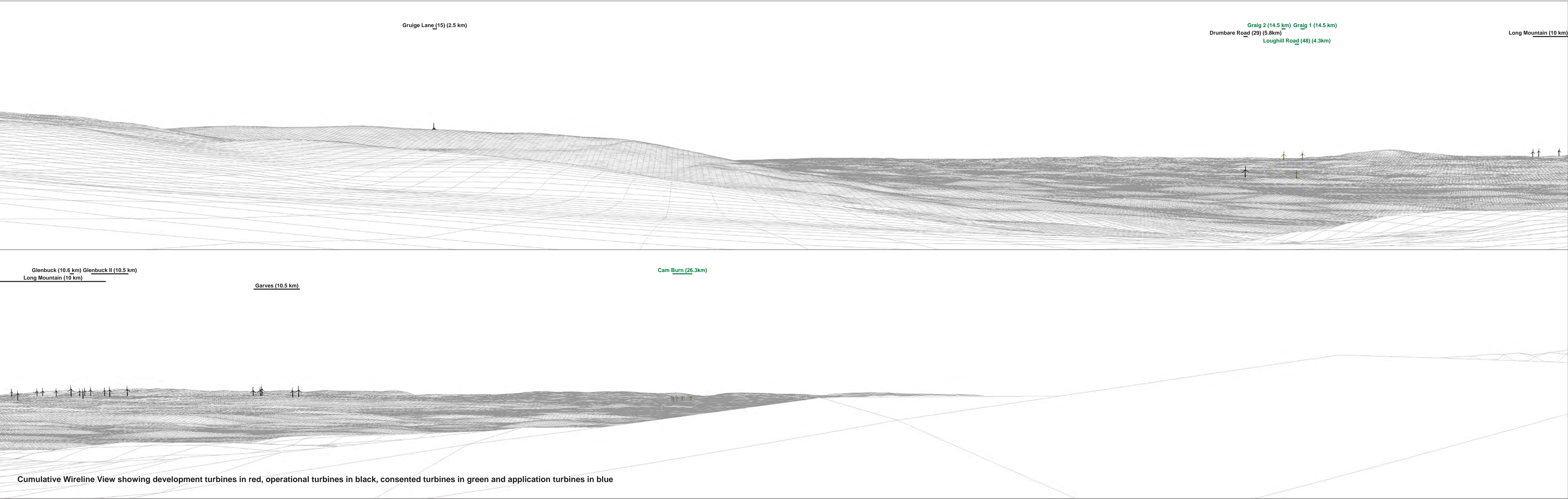
2	29/05/19	JM	Third Issue
1	27/02/19	JM	Second Issue
0	06/02/19	JM	First Issue
Rev	Date	By	Comment

0	0.25	0.5	1	Km
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Corkey Windfarm Repowering Figure 6.25 - Viewpoint 3 Reservoir Road		Drawing Number: 2606-REP-088	Datum TM65	Projection TM
Scale @ A3 1:25,000		Drawing produced by Optimised Environments Ltd.		

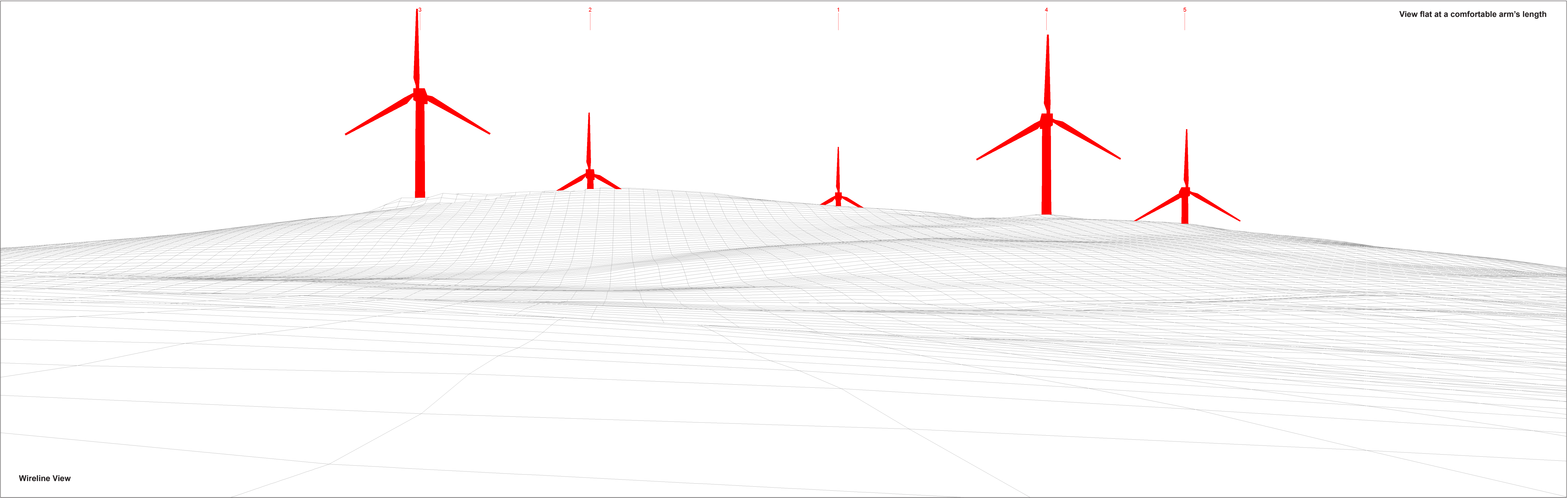
UNP52-FGE-GUS2019 REV.001





OS reference	309568 E 422296 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	231.5 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	186° (above); 276° (below)	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	1.15 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 16:15

Figure 6.25b
Viewpoint 3: Reservoir Road Cumulative Wireline



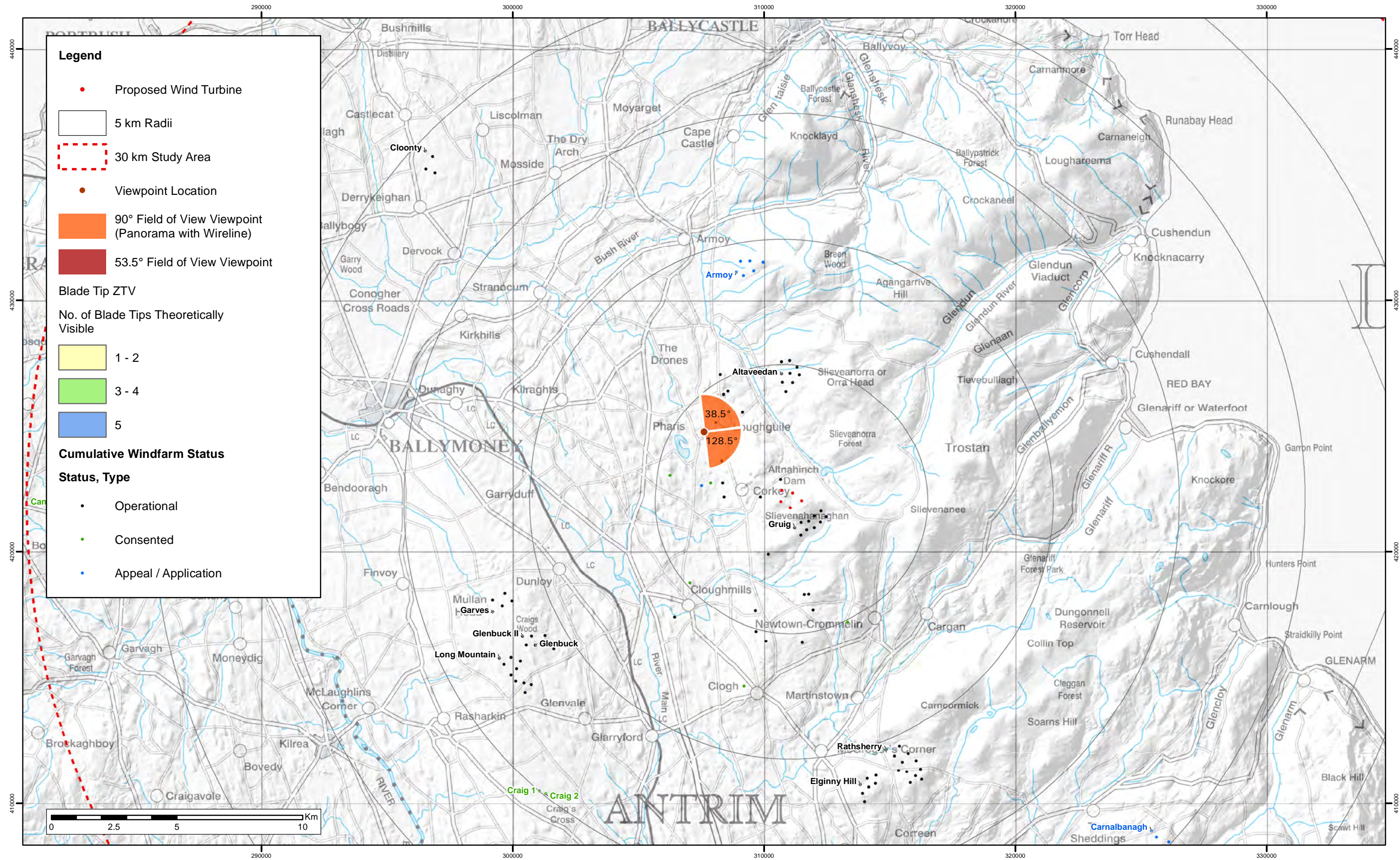


View flat at a comfortable arm's length

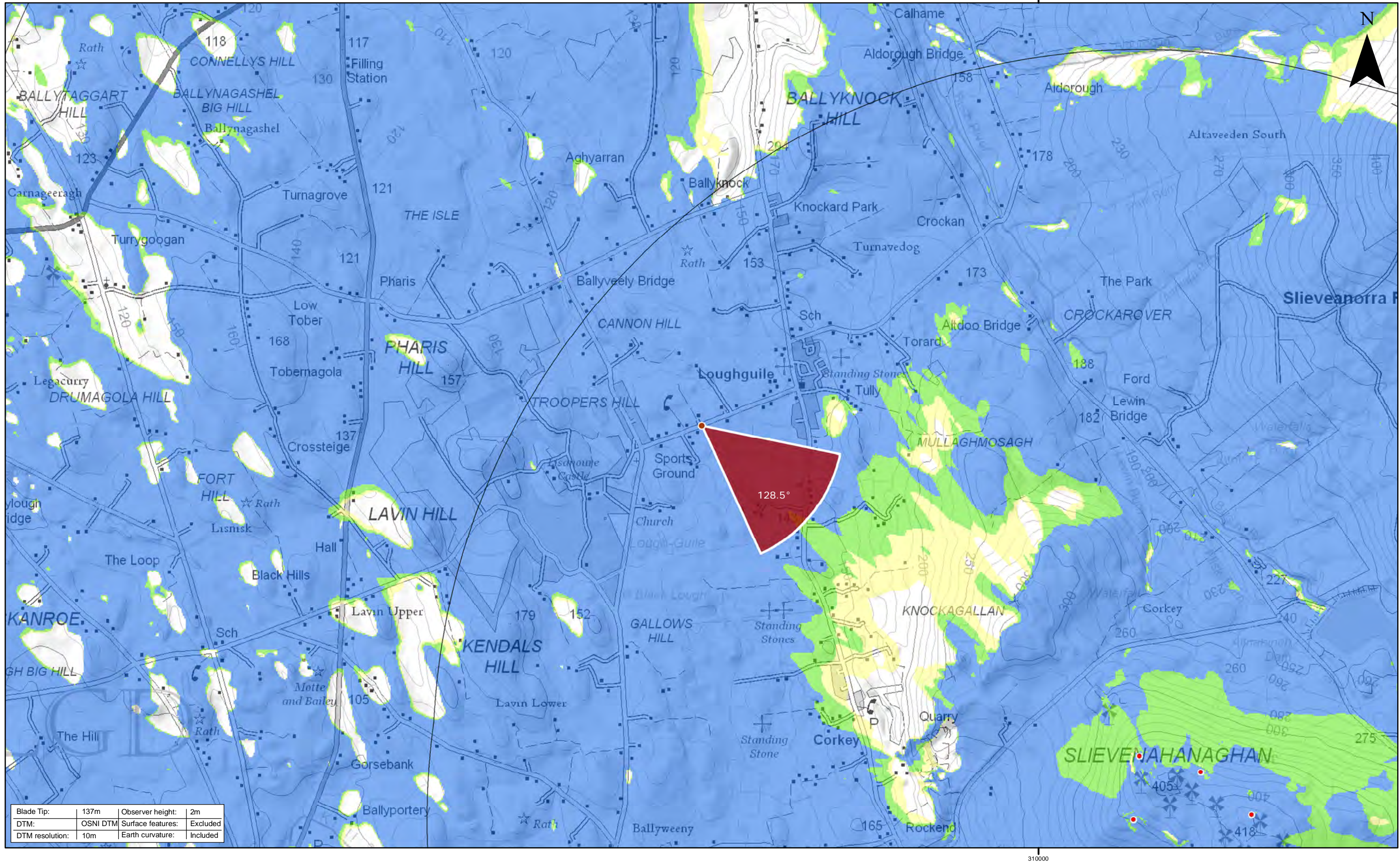
Photomontage


OS reference	309568 E 422296 N	Horizontal field of view	53.5° (planar projection)	Camera	Canon EOS 6D
Elevation	231.5 m AOD	Principal distance	812.5 mm	Lens	Canon EF 50mm f/1.4
Direction of view	96°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	1.15 km	Correct printed image size	820 x 260 mm	Date & time taken	25/03/2017 16:15

Figure 6.25d
Viewpoint 3: Reservoir Road Photomontage

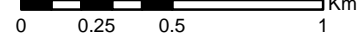


Note:
1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.





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0	06/02/19	JM	First Issue
Rev	Date	By	Comment



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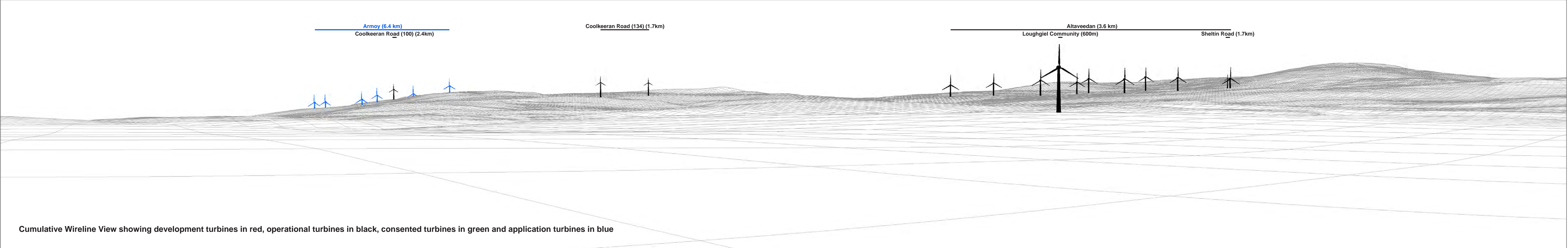
Corkey Windfarm Repowering

Figure 6.26 - Viewpoint 4
Loughgiel

Drawing Number: 2606-REP-089	Datum TM65	Projection TM
Scale @ A3 1:25,000	Drawing produced by Optimised Environments Ltd.	

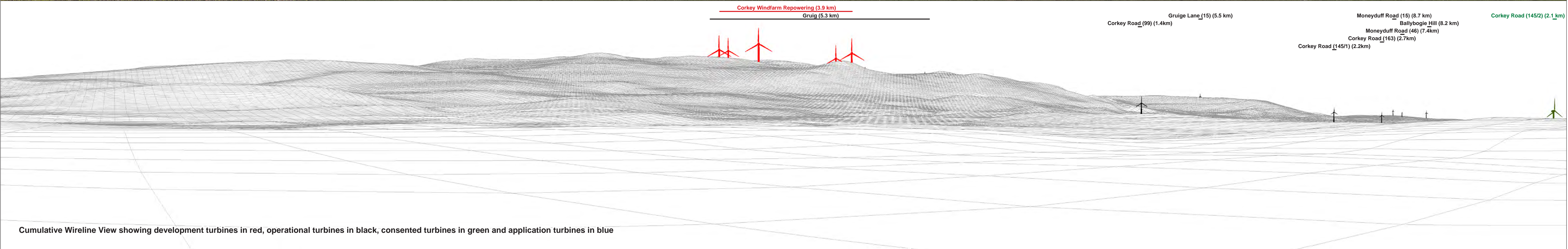


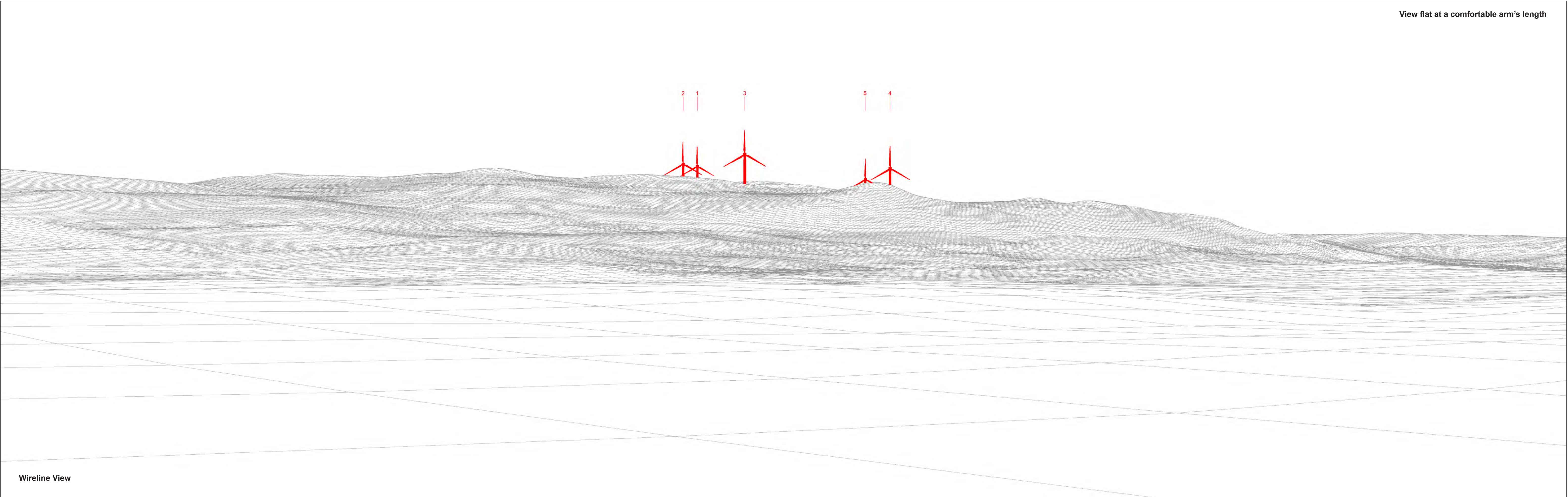
Existing View



OS reference	307614 E 424781 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	132.0 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	38.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	3.88 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 15:30

Figure 6.26a
Viewpoint 4: Loughgiel Panorama with Cumulative Wireline (view 1 of 2)



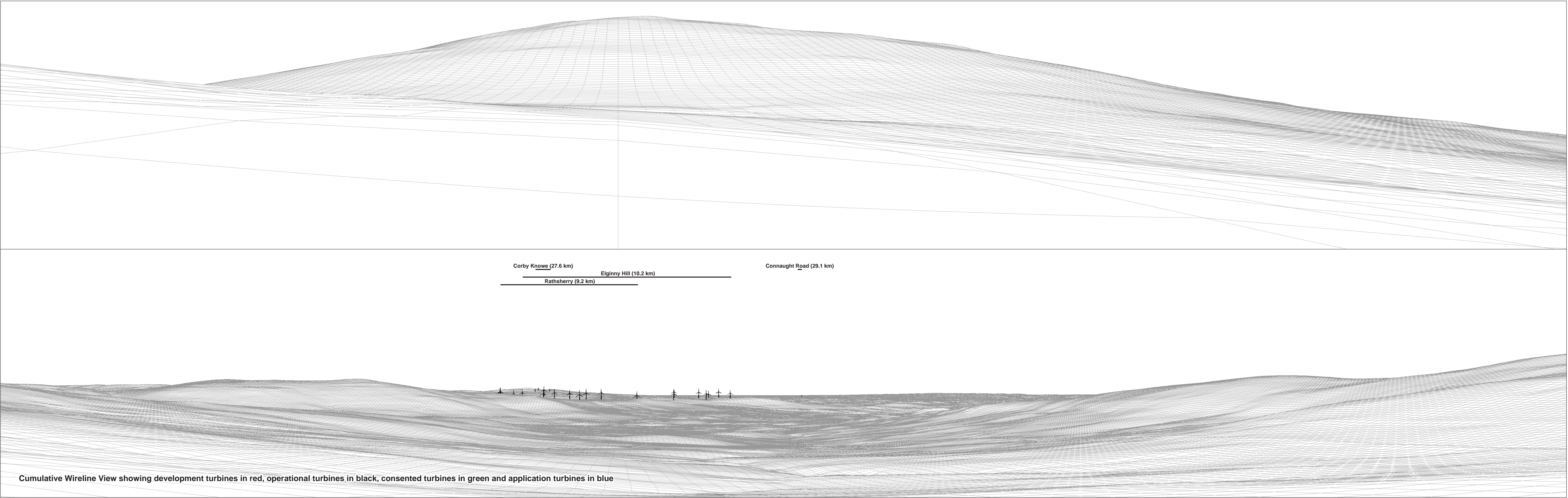


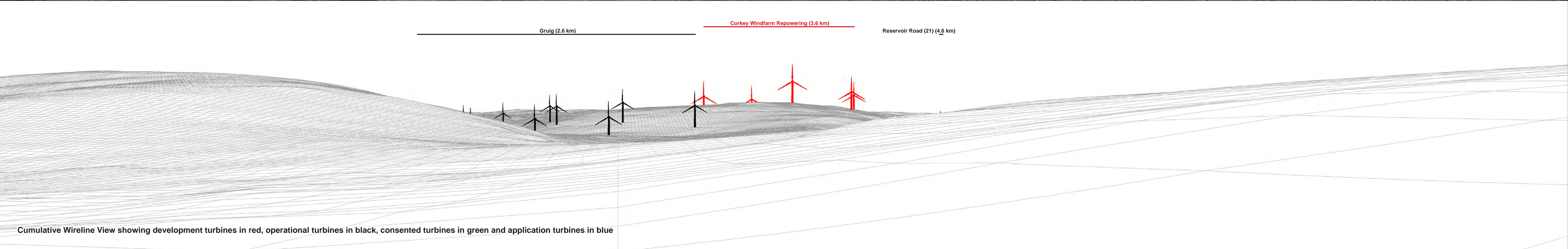


View flat at a comfortable arm's length

Photomontage

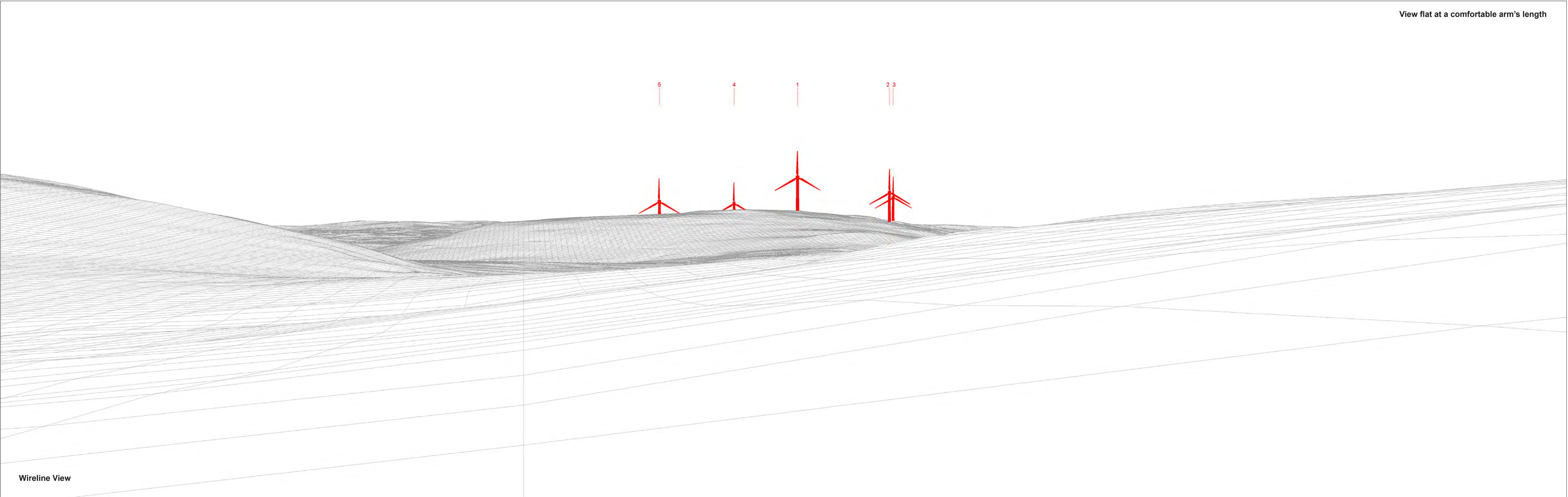
Figure 6.26d
Viewpoint 4: Loughgiel Photomontage





OS reference	315035 E 421400 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	399.9 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	279.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	3.58 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 10:25

Figure 6.27b
Viewpoint 5: Altnahinch Road south Panorama with Cumulative Wireline

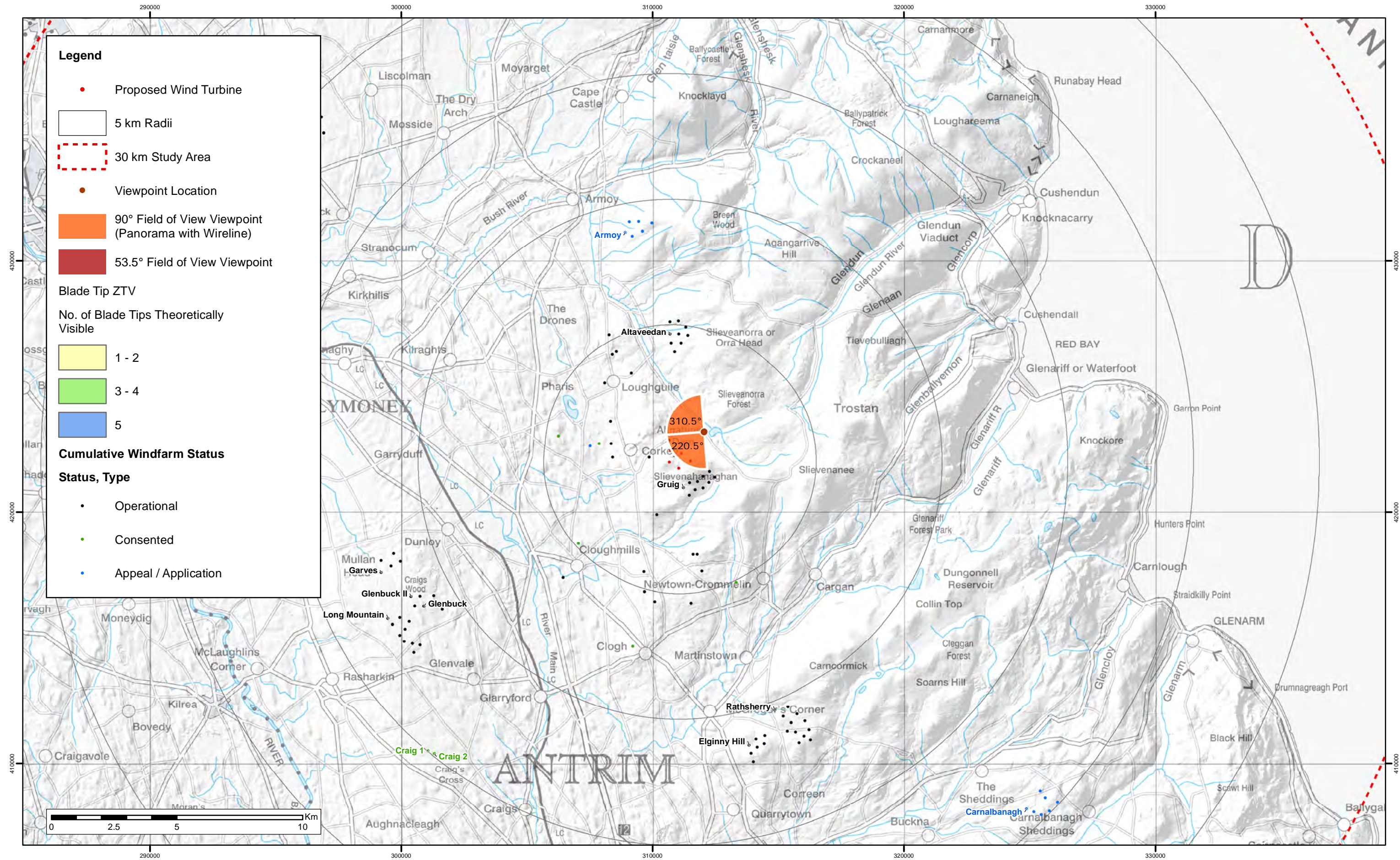




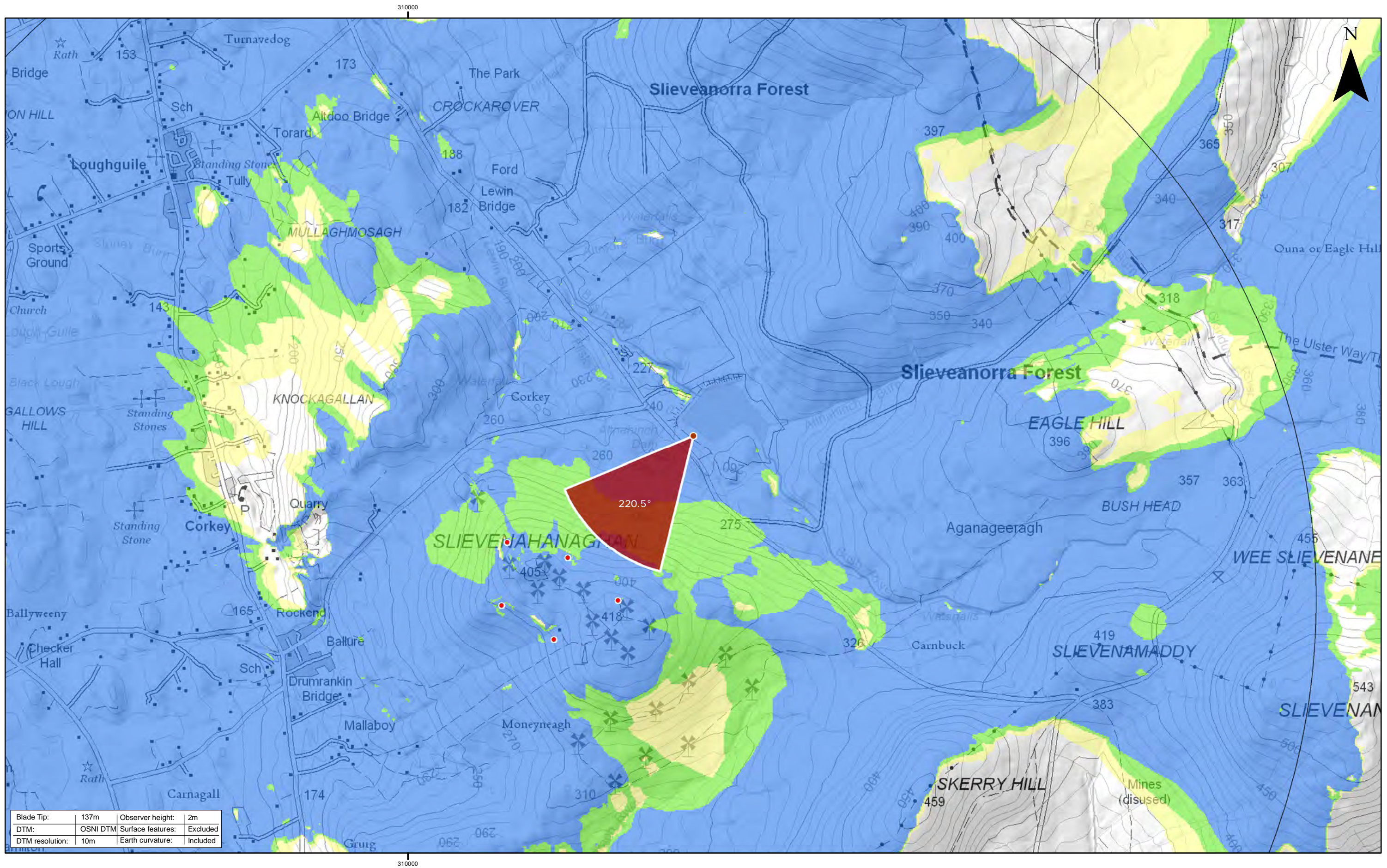
View flat at a comfortable arm's length

Photomontage

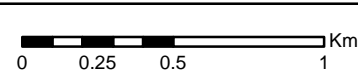
Figure 6.27d
Viewpoint 5: Altnahinch Road south Photomontage



Note:
1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.



2	29/05/19	JM	Third Issue
1	27/02/19	JM	Second Issue
0	06/02/19	JM	First Issue
Rev	Date	By	Comment

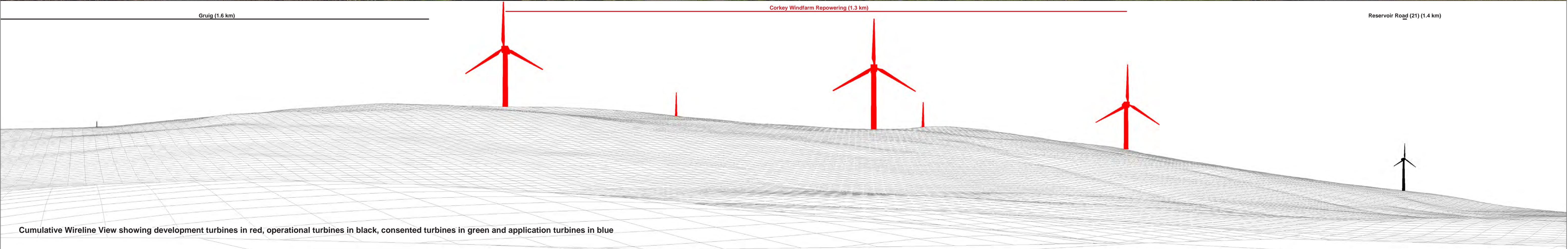


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Corkey Windfarm Repowering Figure 6.28 - Viewpoint 6 Altnahinch Reservoir

Drawing Number: 2606-REP-091	Datum TM65	Projection TM
Scale @ A3 1:25,000	Drawing produced by Optimised Environments Ltd.	

U:\P52-FILE-GUS2019_REV.001

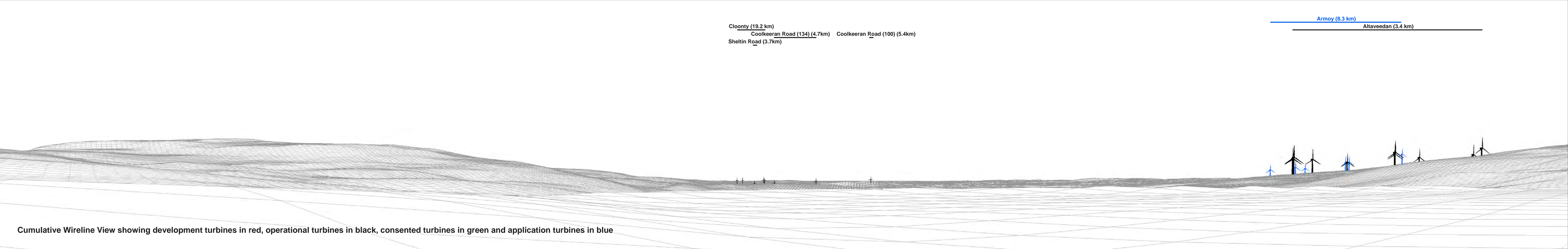


OS reference	312044 E 423203 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	246.4 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	220.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	1.26 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 10:45

Figure 6.28a
Viewpoint 6: Altnahinch Reservoir Panorama with Cumulative Wireline (view 1 of 2)

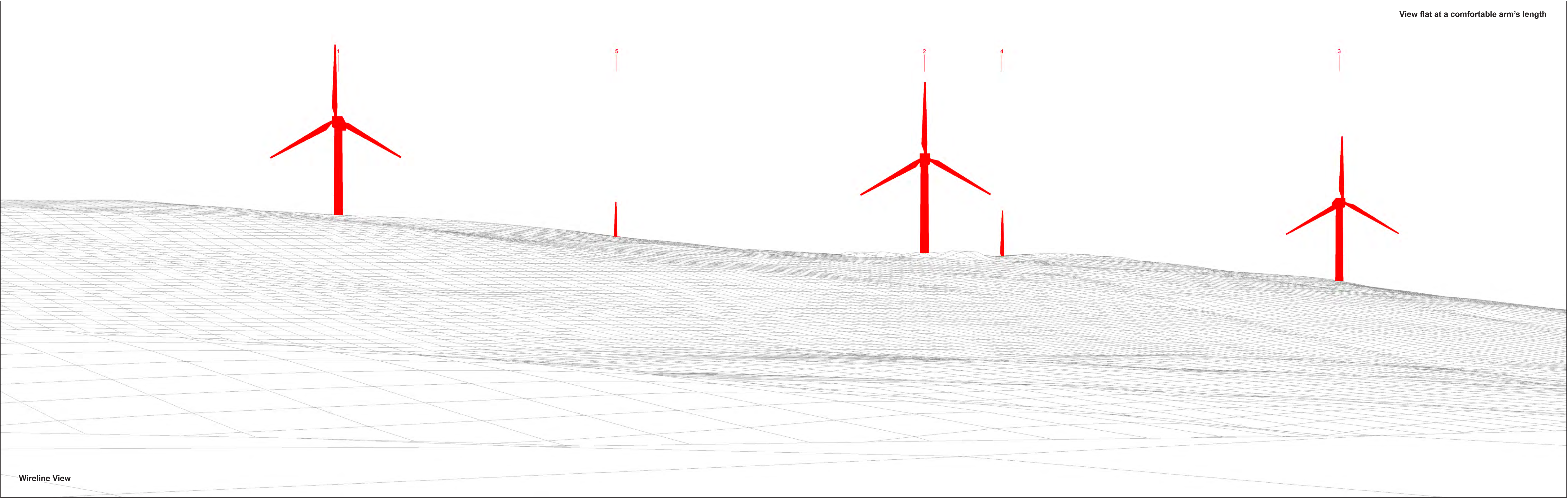


Existing View



OS reference	312044 E 423203 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	246.4 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	310.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	1.26 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 10:45

Figure 6.28b
Viewpoint 6: Altnahinch Reservoir Panorama with Cumulative Wireline (view 2 of 2)

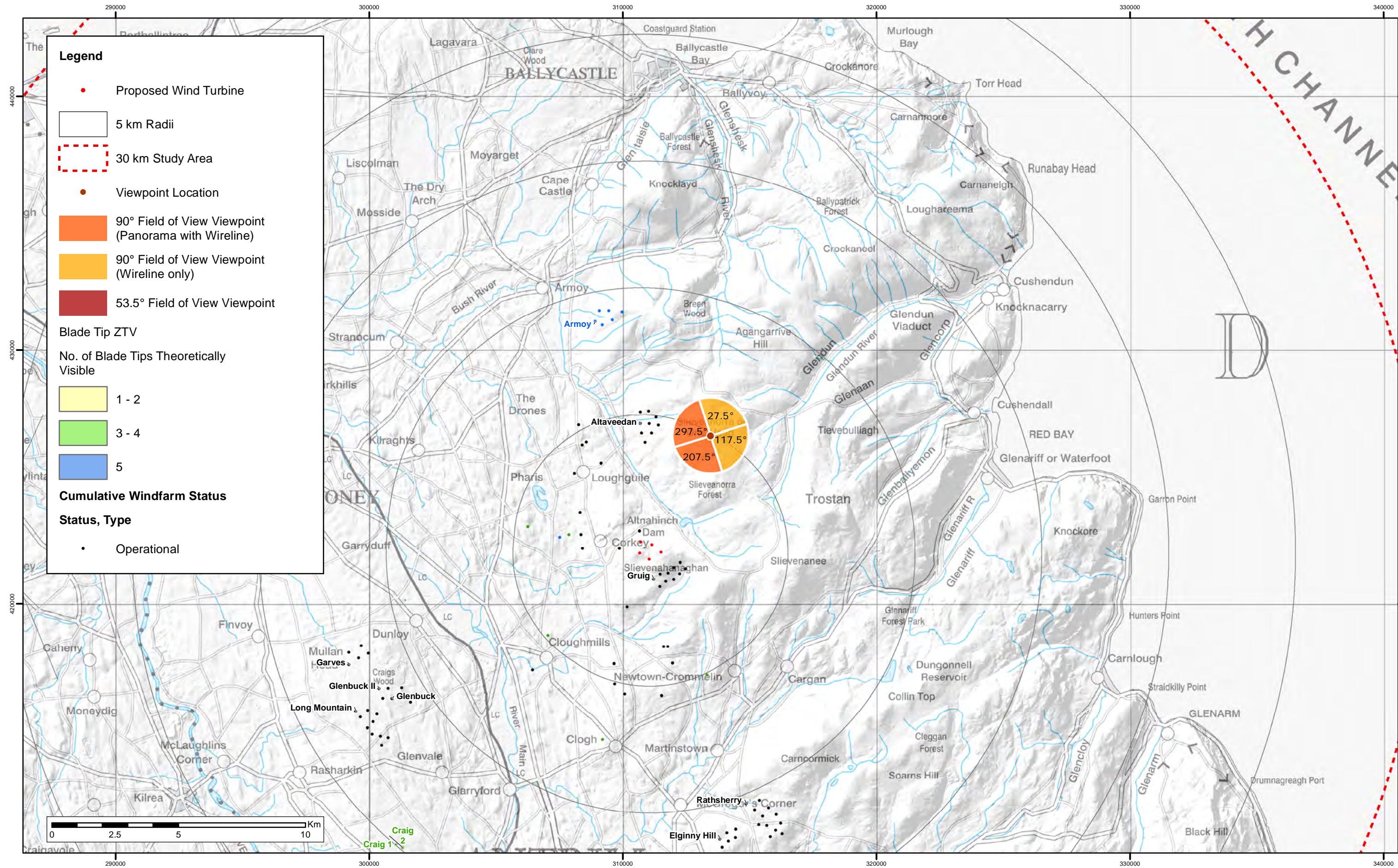




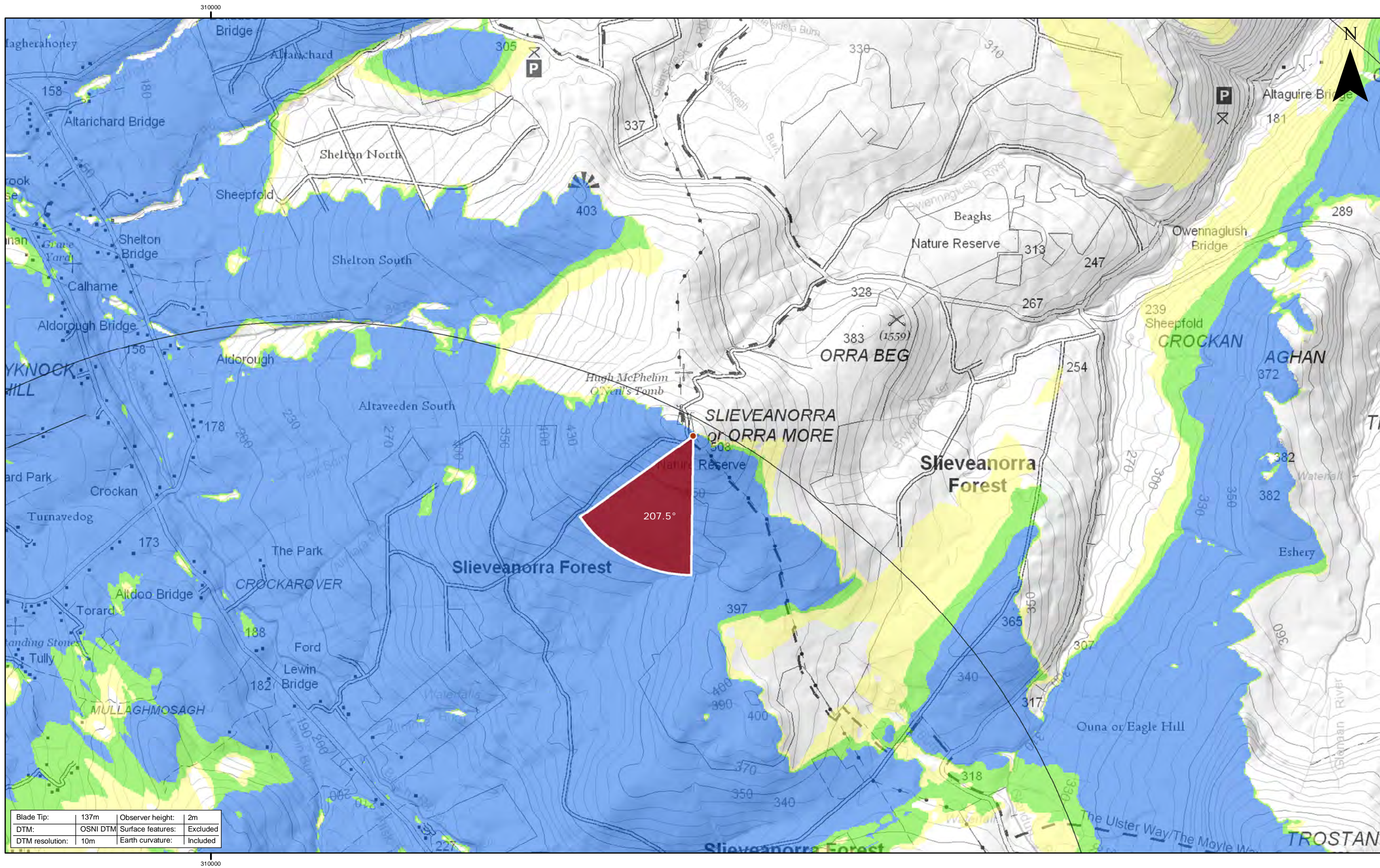
View flat at a comfortable arm's length

OS reference	312044 E 423203 N	Horizontal field of view	53.5° (planar projection)	Camera	Canon EOS 6D
Elevation	246.4 m AOD	Principal distance	812.5 mm	Lens	Canon EF 50mm f/1.4
Direction of view	220.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	1.26 km	Correct printed image size	820 x 260 mm	Date & time taken	25/03/2017 10:45

Figure 6.28d
Viewpoint 6: Altnahinch Reservoir Photomontage



Note:
1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.



2	29/05/19	JM	Third Issue
1	27/02/19	JM	Second Issue
0	06/02/19	JM	First Issue
Rev	Date	By	Comment

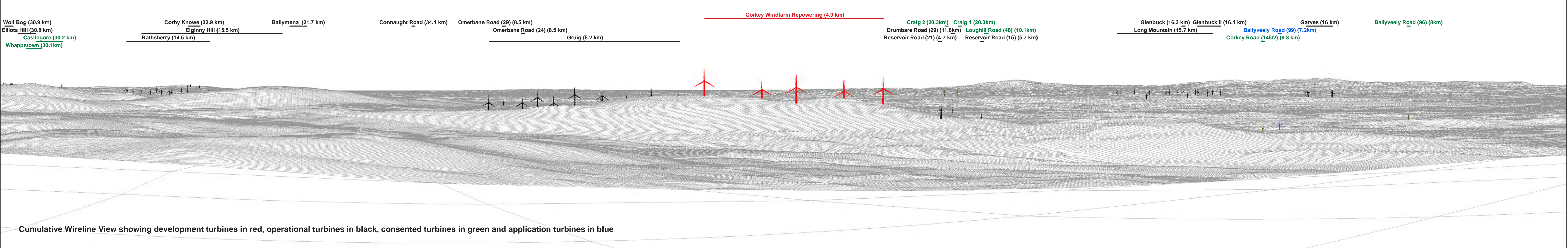
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Corkey Windfarm Repowering

Figure 6.29 - Viewpoint 7
Slieveanorra

Drawing Number: 2606-REP-092	Datum TM65	Projection TM
Scale @ A3 1:25,000	Drawing produced by Optimised Environments Ltd.	

UNP5-FGE-GUS009 REV.001



OS reference	313455 E 426627 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	508.9 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	207.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	4.88 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 11:10

Figure 6.29a
Viewpoint 7: Slieveanorra Panorama with Cumulative Wireline



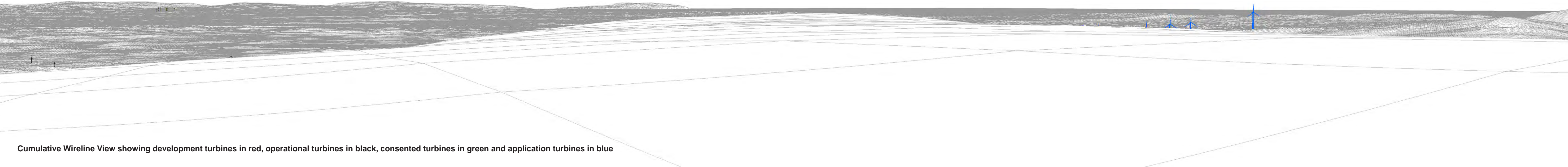
Existing View

Loughgiel Community (5.6km)
Sheltin Road (4.4km)

Cam Burn (30.5km)

Coolkeeran Road (134) (4.9km)

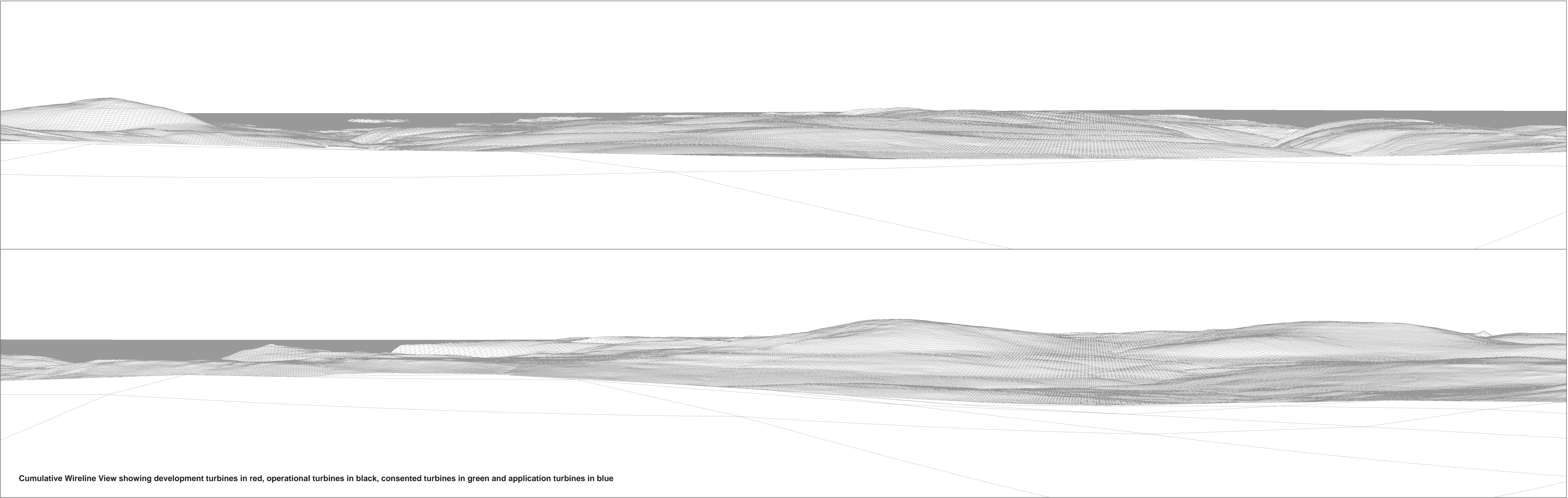
Armoy (5.9 km)



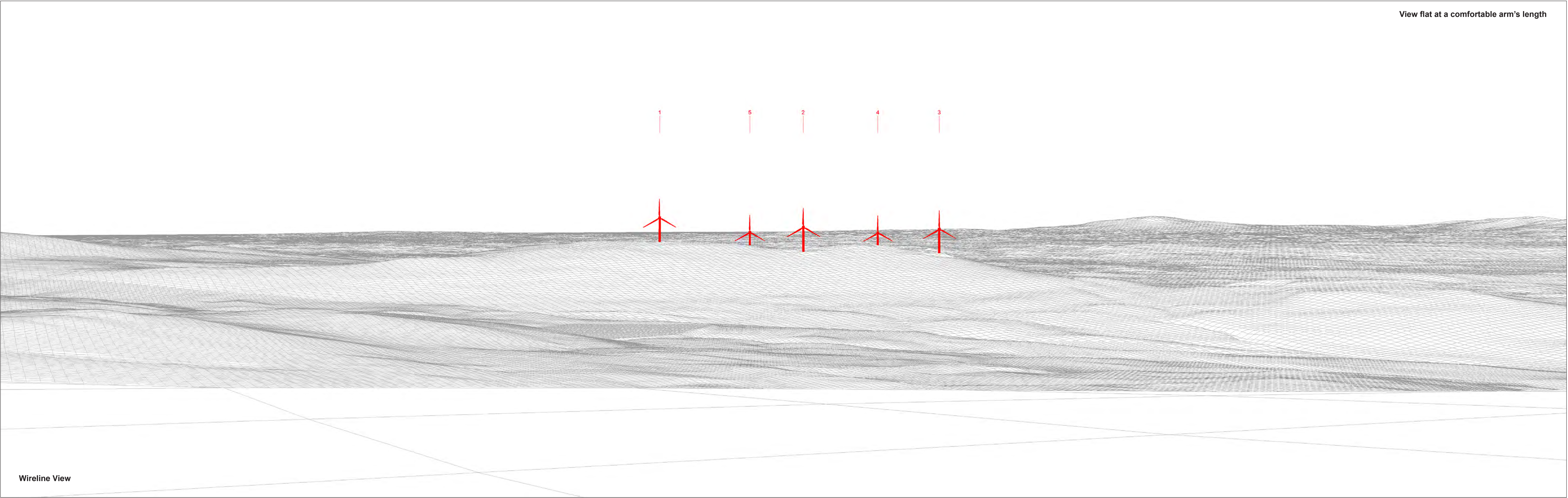
Cumulative Wireline View showing development turbines in red, operational turbines in black, consented turbines in green and application turbines in blue

OS reference	313455 E 426627 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	508.9 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	297.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	4.88 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 11:10

Figure 6.29b
Viewpoint 7: Slieveanorra Panorama with Cumulative Wireline



Cumulative Wireline View showing development turbines in red, operational turbines in black, consented turbines in green and application turbines in blue



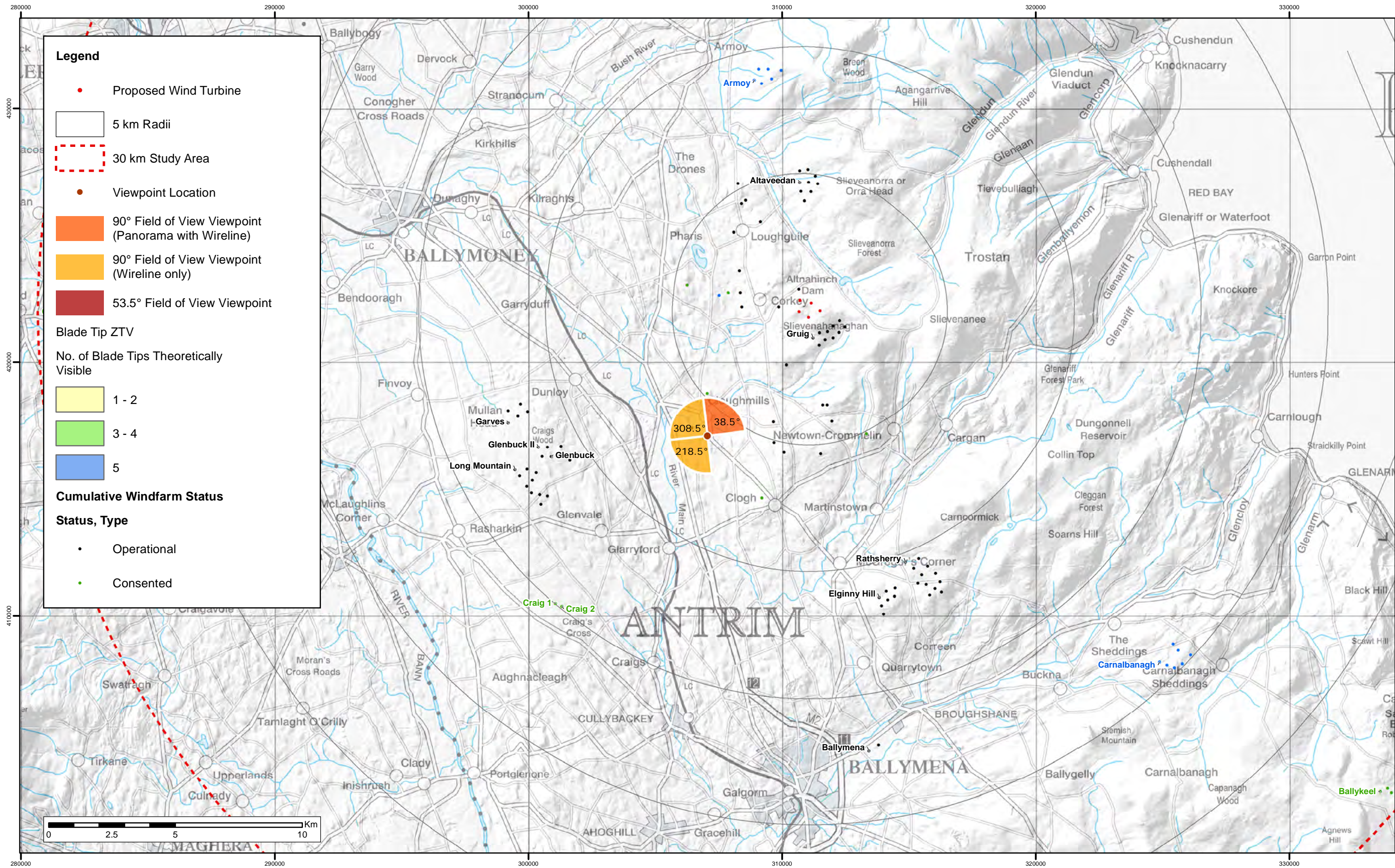


View flat at a comfortable arm's length

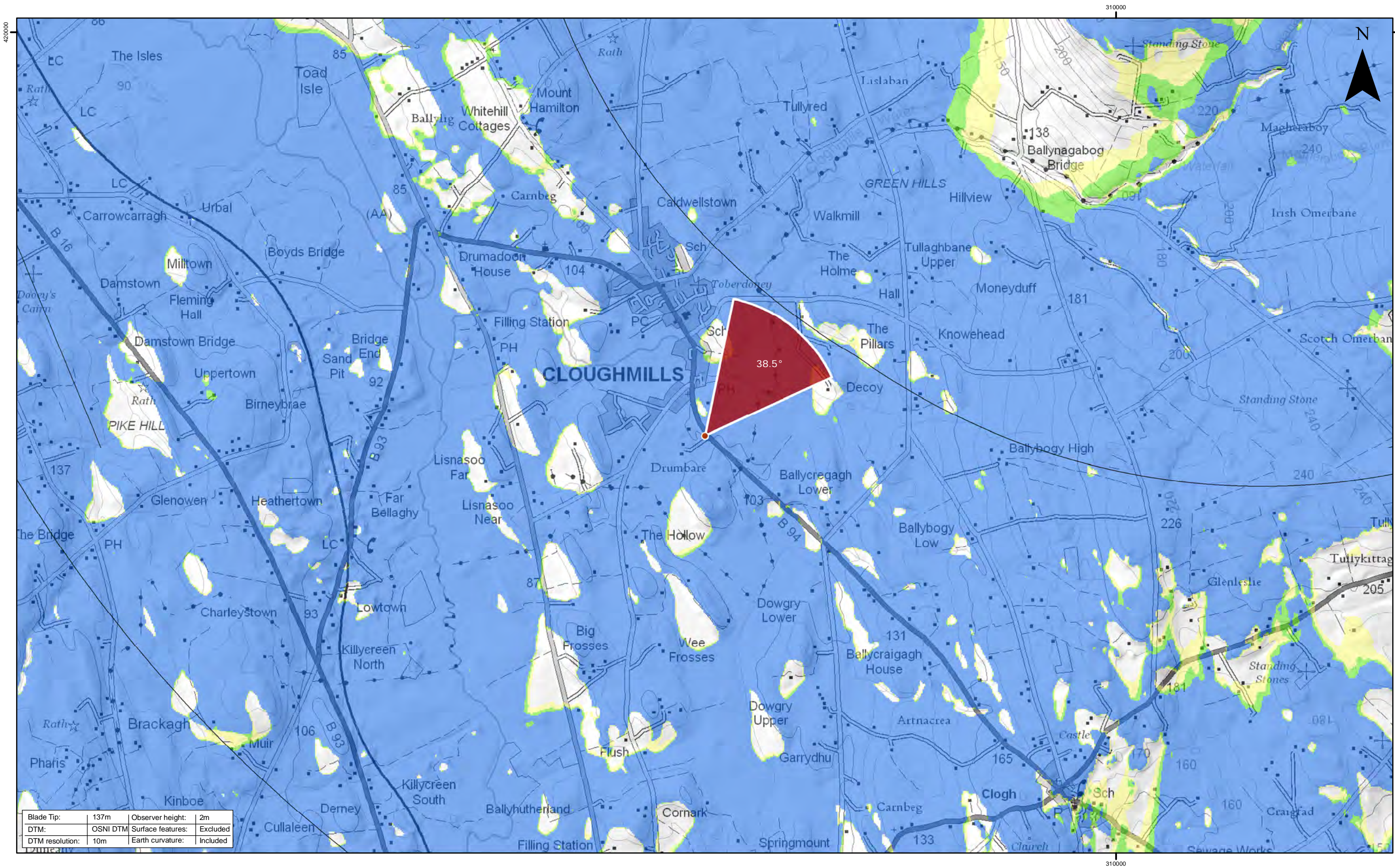
Photomontage

OS reference	313455 E 426627 N	Horizontal field of view	53.5° (planar projection)	Camera	Canon EOS 6D
Elevation	508.9 m AOD	Principal distance	812.5 mm	Lens	Canon EF 50mm f/1.4
Direction of view	207.5°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	4.88 km	Correct printed image size	820 x 260 mm	Date & time taken	25/03/2017 11:10

Figure 6.29e
Viewpoint 7: Slieveanorra Photomontage



Note:
1. ZTV: Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.



2	29/05/19	JM	Third Issue
1	27/02/19	JM	Second Issue
0	06/02/19	JM	First Issue
Rev	Date	By	Comment

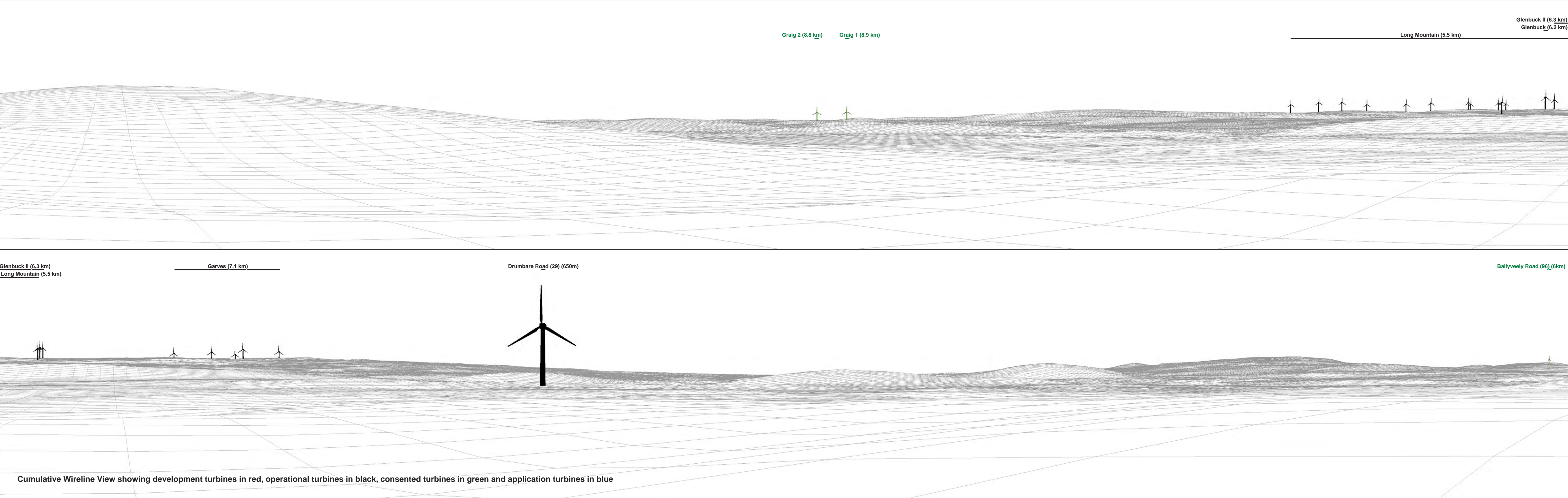
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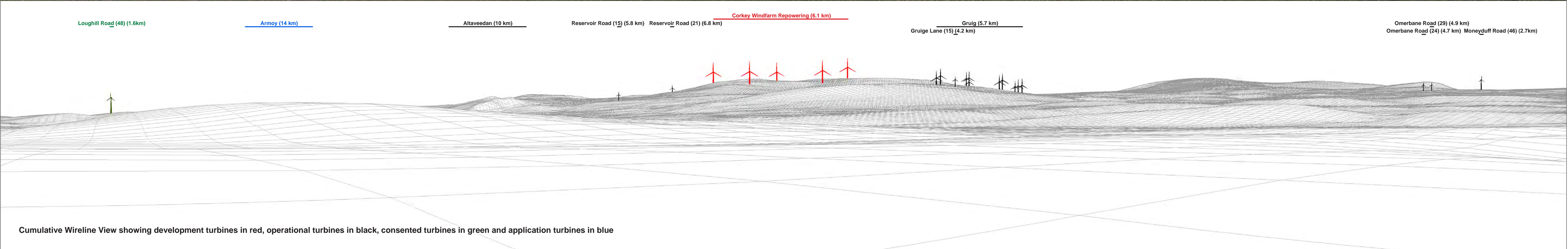
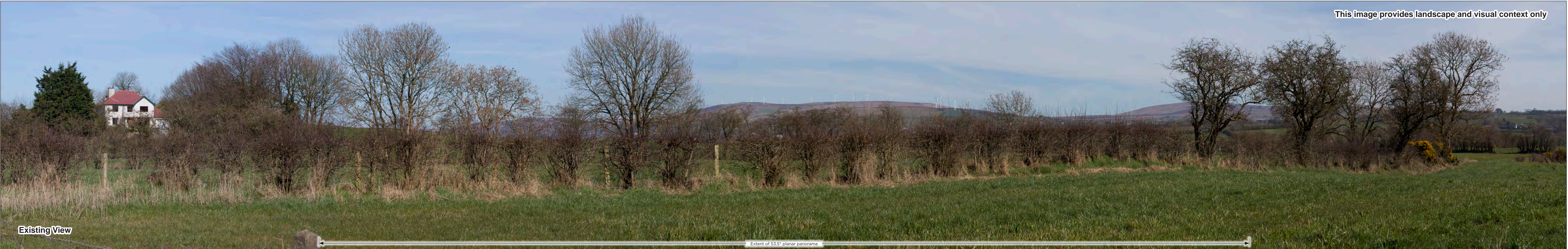
Corkey Windfarm Repowering

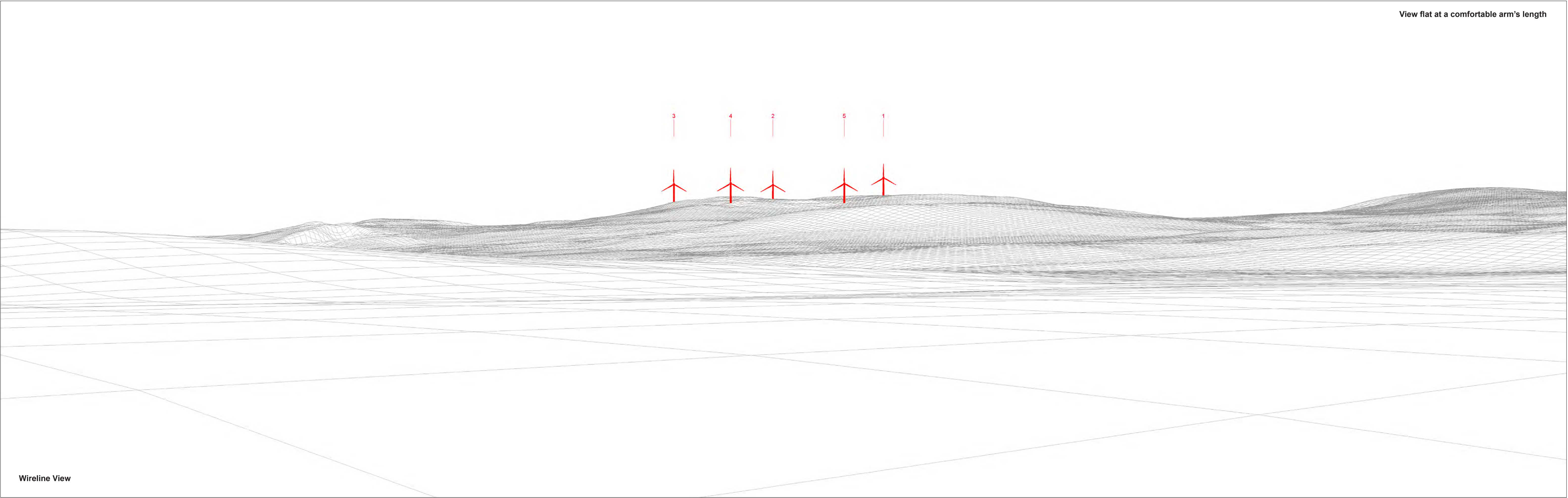
Figure 6.30 - Viewpoint 8
Ballycregagh Road, Clough Mills

Drawing Number: 2606-REP-093	Datum TM65	Projection TM
Scale @ A3 1:25,000	Drawing produced by Optimised Environments Ltd.	

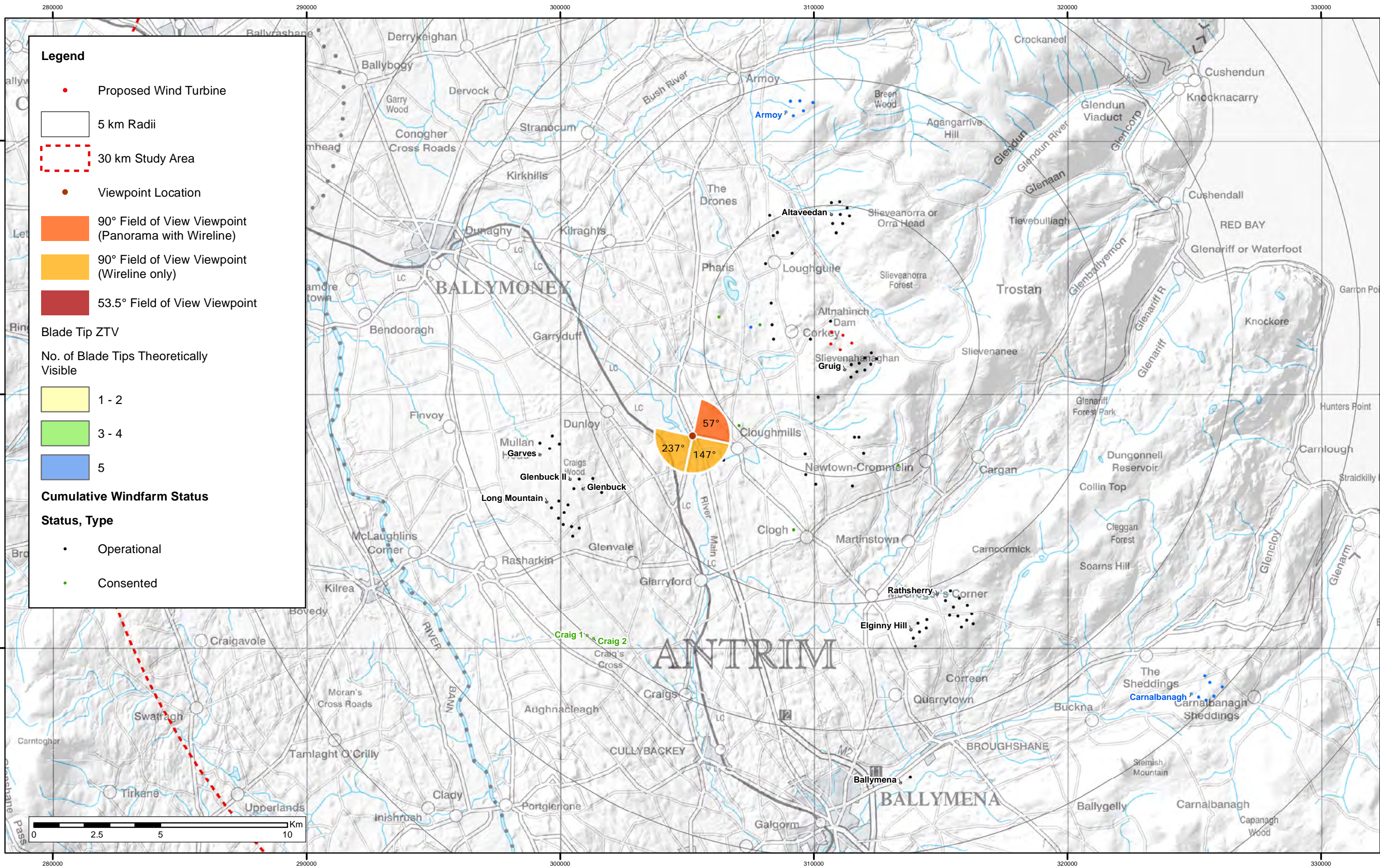
UNP52-FGE-GUS2019 REV.001



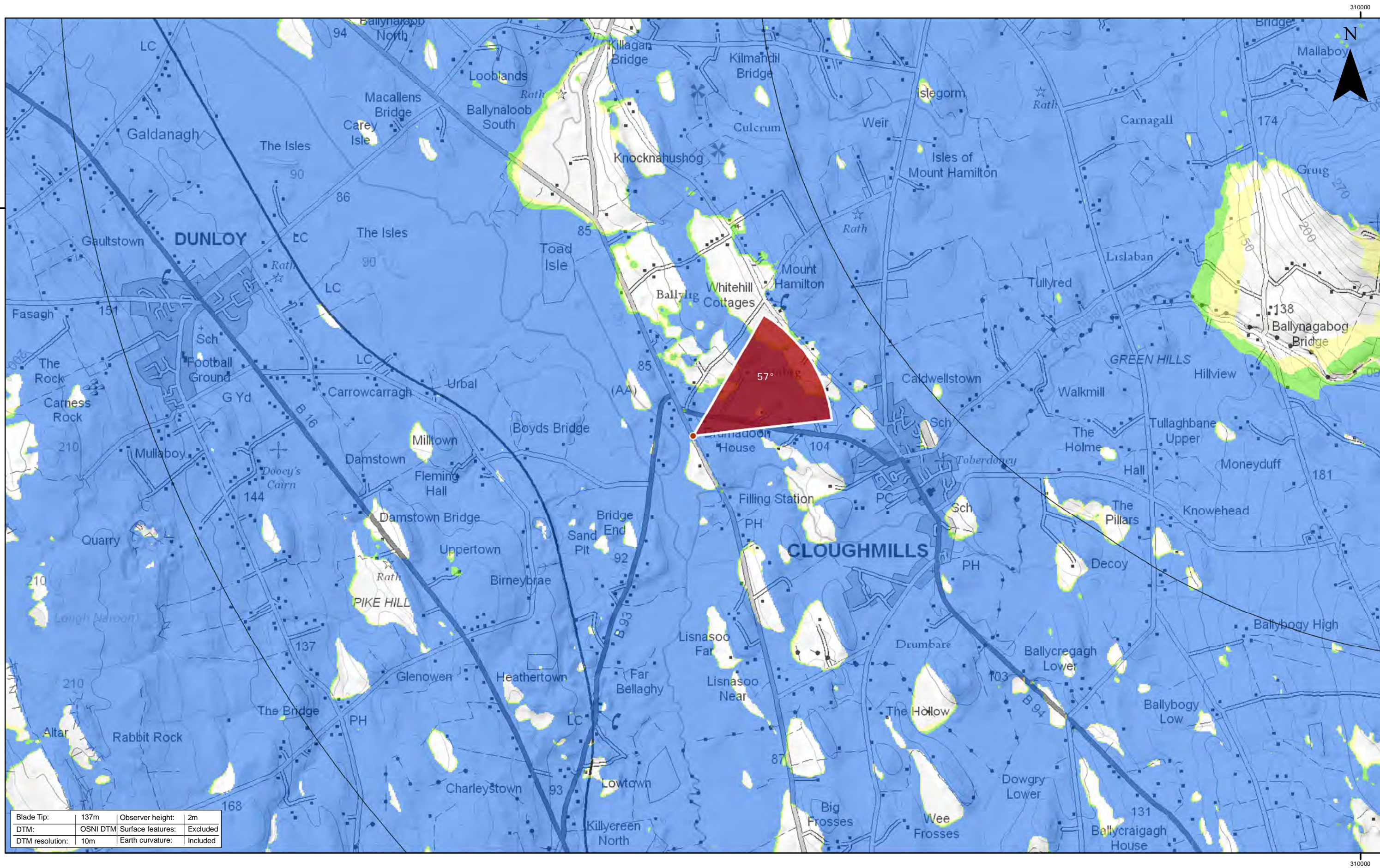




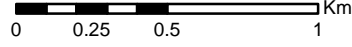




Note:
1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:
Blade tip height: 137m
DTM Data: OSNI 10m DTM
Observer height: 2m
No surface features, such as buildings or trees, were included in the analysis.
Earth curvature and light refraction have been included in calculations.
2. **Cumulative Windfarms:** Single turbines in close proximity of Corkey have not been labelled. Full 30km Study Area is not being shown on this figure.
For full extent of 30km Study area and assessed cumulative windfarms see Figure 6.10.



2	29/05/19	JM	Third Issue
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0	06/02/19	JM	First Issue
Rev	Date	By	Comment

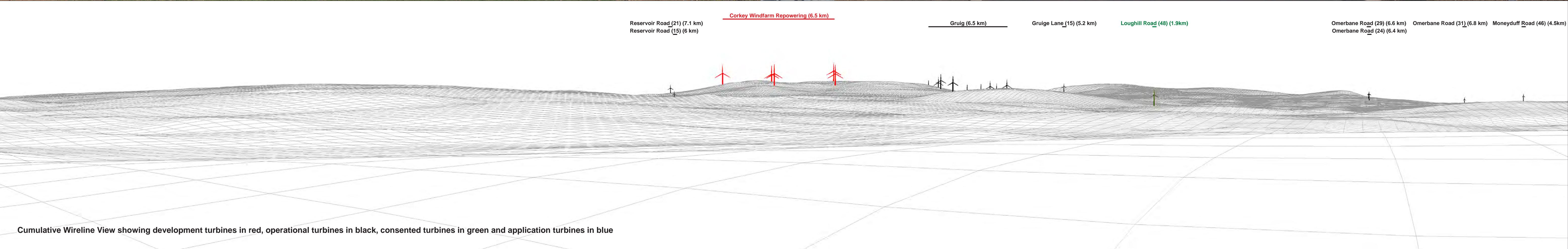


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Corkey Windfarm Repowering
Figure 6.31 - Viewpoint 9
B94 over A26 west of Clough Mills

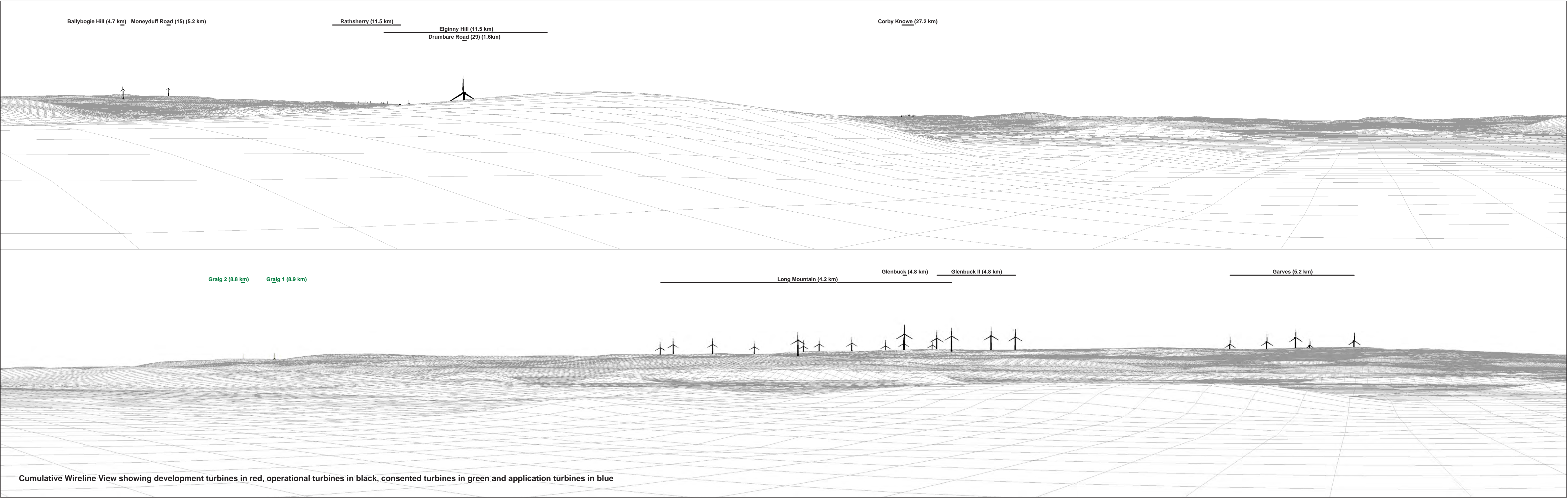
Drawing Number: 2606-REP-094	Datum TM65	Projection TM
Scale @ A3 1:25,000	Drawing produced by Optimised Environments Ltd.	

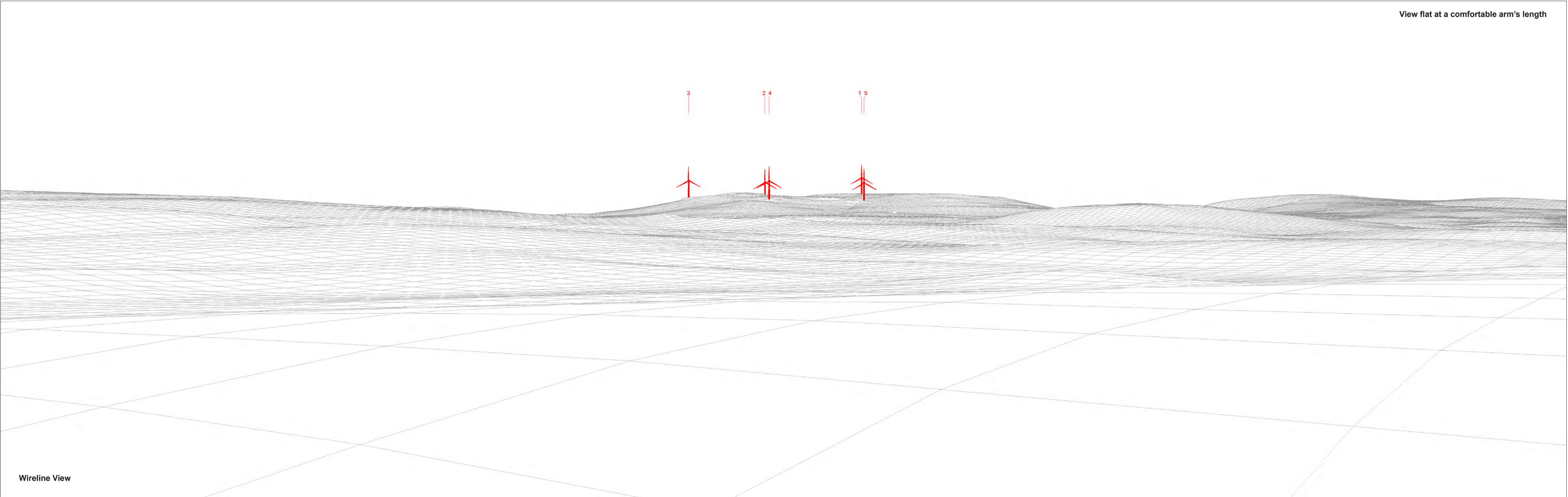
UNP5-FGE-GUS009 REV.001



OS reference	305215 E 418372 N	Horizontal field of view	90° (cylindrical projection)	Camera	Canon EOS 6D
Elevation	84.1 m AOD	Principal distance	522 mm	Lens	Canon EF 50mm f/1.4
Direction of view	57°	Paper size	841 x 297 mm (half A1)	Camera height	1.5m AGL
Nearest turbine	6.55 km	Correct printed image size	820 x 130 mm	Date & time taken	25/03/2017 12:40

Figure 6.31a
Viewpoint 9: B94 over A26 west of Clough Mills Panorama with Cumulative Wireline







View flat at a comfortable arm's length

Photomontage

Figure 6.31d
Viewpoint 9: B94 over A26 west of Clough Mills Photomontage