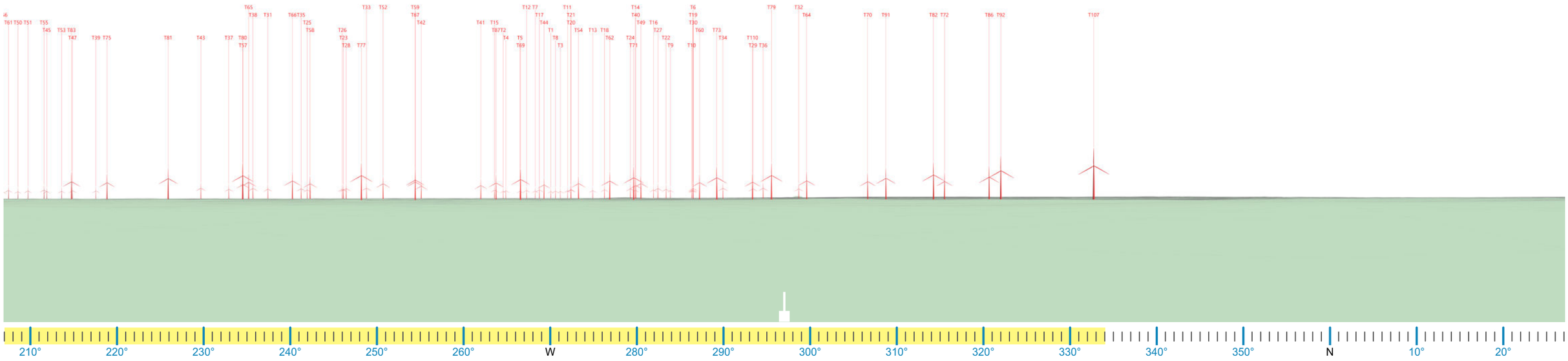
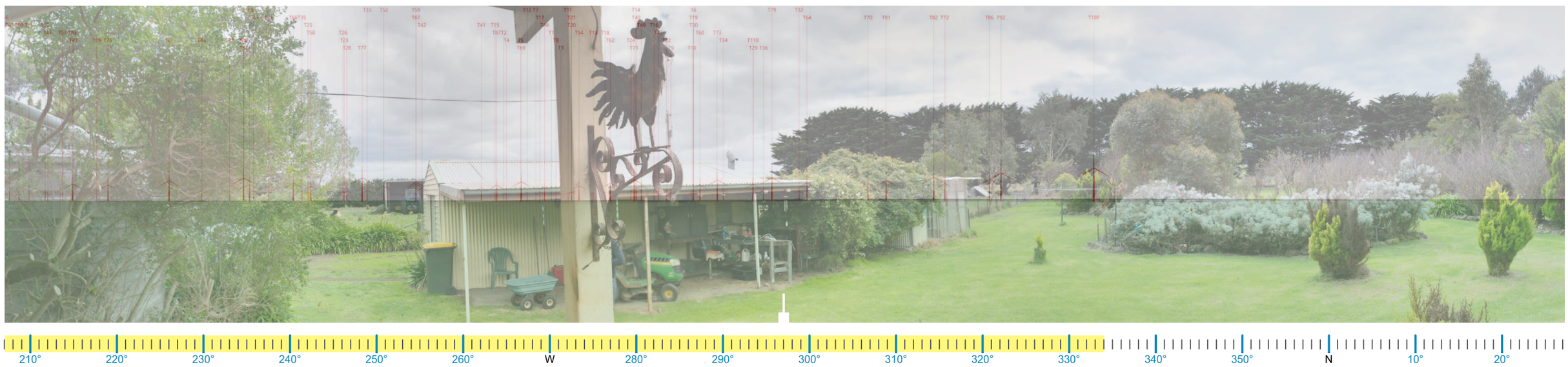
A.17. Dwelling Assessment **Dwelling D402**

Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 106 turbines at hub height visible.



Existing View - 180 degree field of view



A.18. Dwelling Assessment **Dwelling D413**

DWELLING D413

Nearest proposed turbine (km):	**1.54 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**32**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

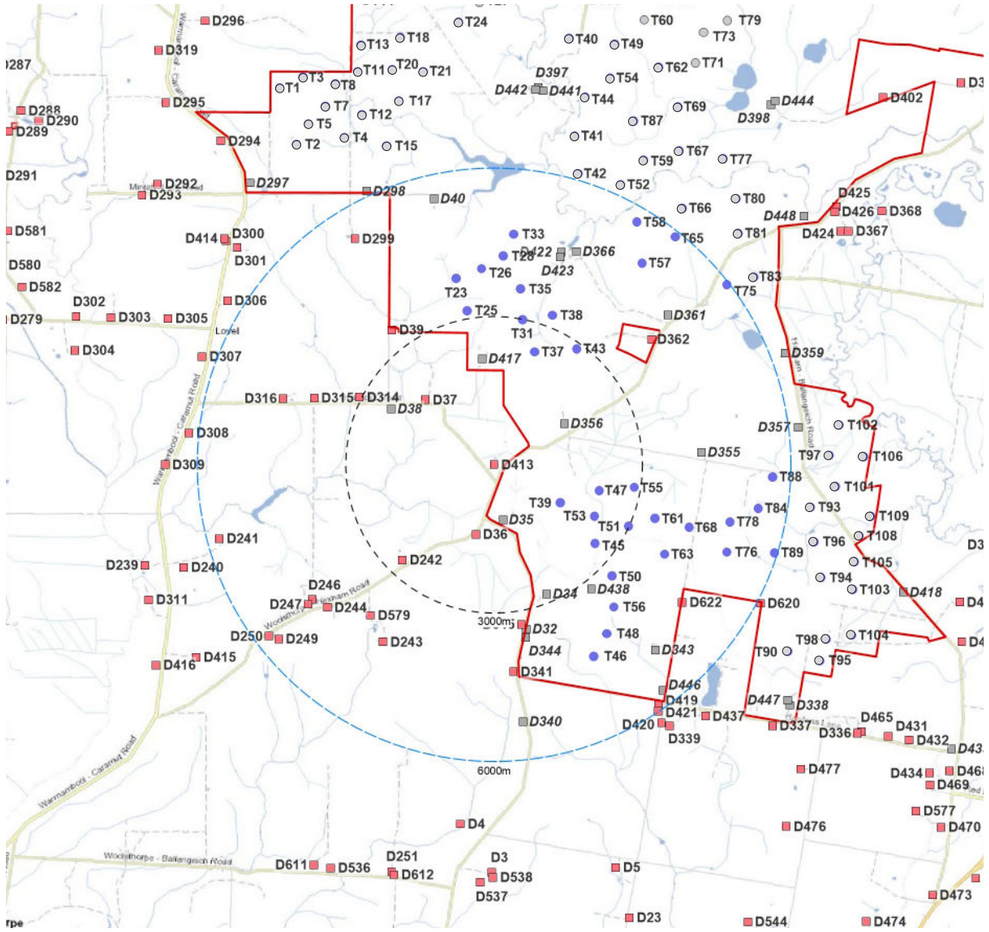
Visual Impact Rating: Moderate

Assessment Notes:

A wire frame diagram has been prepared as part of this assessment as access to the dwelling was not available. The wire frame diagram prepared from the dwelling indicates all (106) turbines would theoretically be visible at hub height based on topography alone. The nearest turbine is located approximately 1.54 km away to the east. Based on 3D assessment, views of the Project are likely to be available in the north, east and southeast. Aerial imagery indicates that the dwelling is surrounded by a row of dense windbreak vegetation and farm outbuildings along the northern boundary of the dwelling. The eastern and south eastern side of the dwelling, however, lack intervening elements in the foreground and it is likely that views of turbines will be available in up to 65 degrees of the viewshed. It is likely that existing vegetation will limit views to the Project in the north and north east. Views to the closest turbines will be available in the east and south east. Based on desktop assessment, the visual impact resulting from the Project has been rated as ***Moderate***.

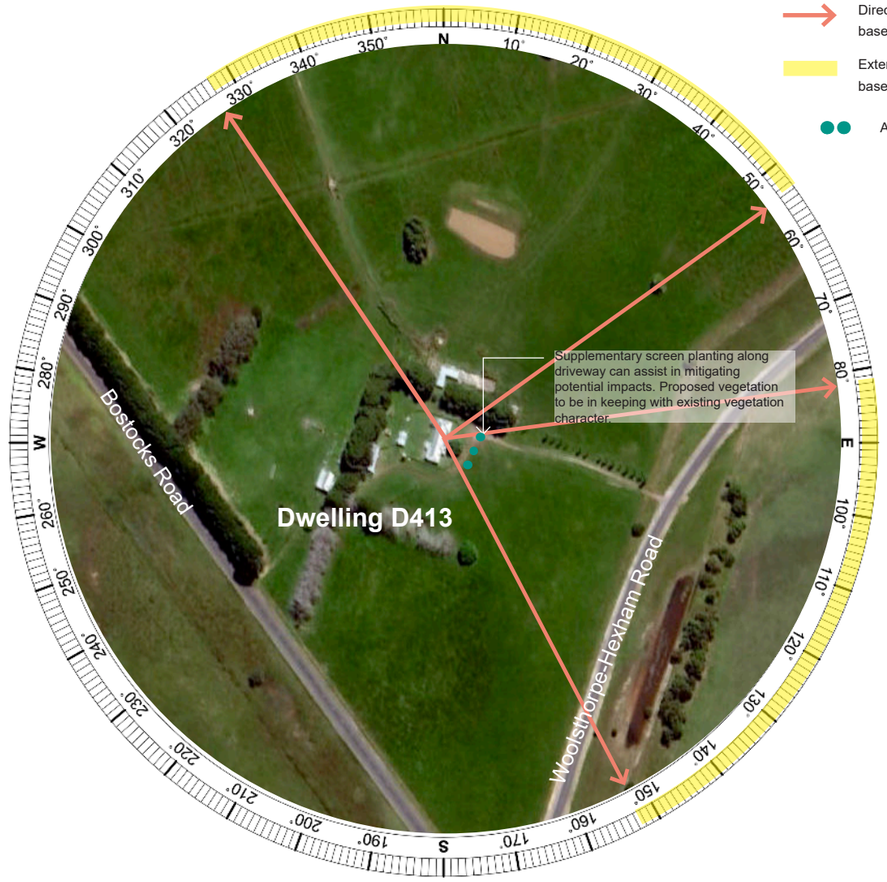
Mitigation Measures:

It is likely that views of the Project will be available in the east and south east. Additional screen planting along the along the driveway would potentially reduce the visual impact to low once the planting is established. Consultation with the landowner is recommended to discuss appropriate mitigation.



LEGEND

- Turbine within 6,000 m (Based on Wire Frame Diagram)
- Turbine out of 6,000 m (Based on Wire Frame Diagram)
- Non-involved Dwelling
- Involved Dwelling
- 3,000 m from nearest turbine
- 6,000 m from nearest turbine



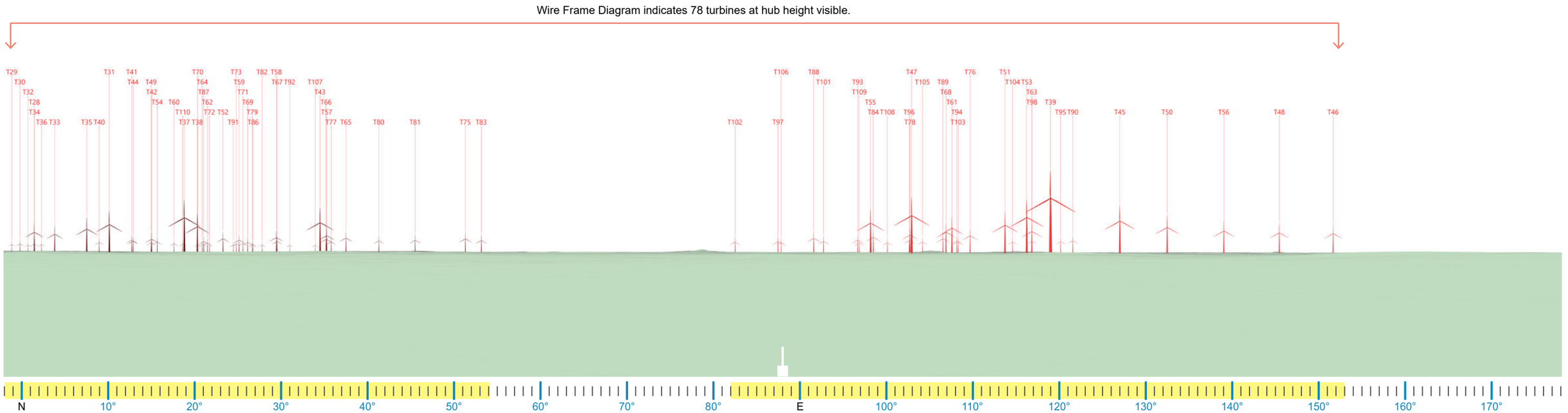
LEGEND

- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Additional screening

Aerial Image Source: Google Earth (November 2021)

A.18. Dwelling Assessment **Dwelling D413**

Proposed Wire Frame Diagram - 180 degree field of view

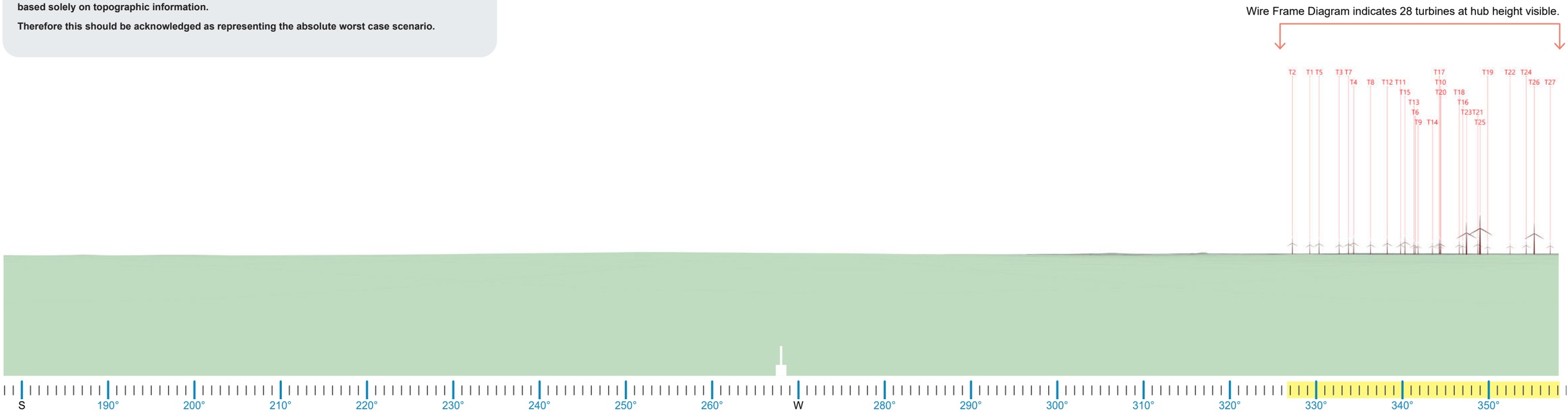


Note:

No access to Site was available.

The wire frame diagram is a preliminary assessment tool that represents a bare ground scenario - ie. a landscape without screening, structures or vegetation. As accurate information on the height and coverage of vegetation and buildings is unavailable, it is important to note the wire frame diagram is based solely on topographic information.

Therefore this should be acknowledged as representing the absolute worst case scenario.



Proposed Wire Frame Diagram - 180 degree field of view

A.19. Dwelling Assessment **Dwelling D421**

DWELLING D421

Nearest proposed turbine (km):	**1.69 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**30**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

Visual Impact Rating: Moderate

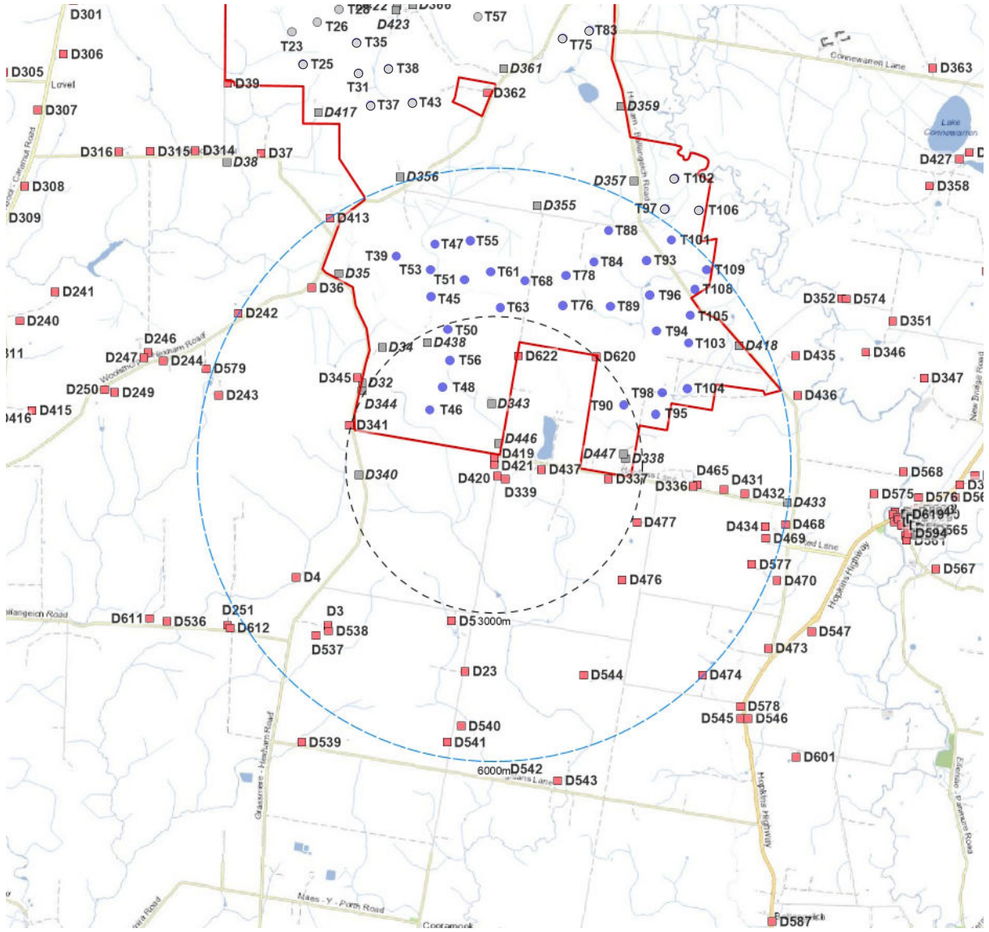
Assessment Notes:

A site inspection was undertaken in May 2023 at this dwelling. The wire frame diagram prepared from the dwelling indicates all (106) turbines would theoretically be visible at hub height based on topography alone. The nearest turbine is located approximately 1.69 km away in a northwesterly direction. On inspection it was found that the dwelling is surrounded by scattered vegetation in the foreground and a dense row of vegetation that runs along the northern fence line of the dwelling. It is likely that the nearest turbines will be visible in up to 85 degrees of the viewshed and will be partially screened by existing vegetation. The turbines will, however, be dominant in scale relative to existing structures and vegetation in the dwelling's foreground. The Project is likely to have a moderate impact on the scenic quality. The visual impact resulting from the Project has been rated as ***Moderate***.

Mitigation Measures:

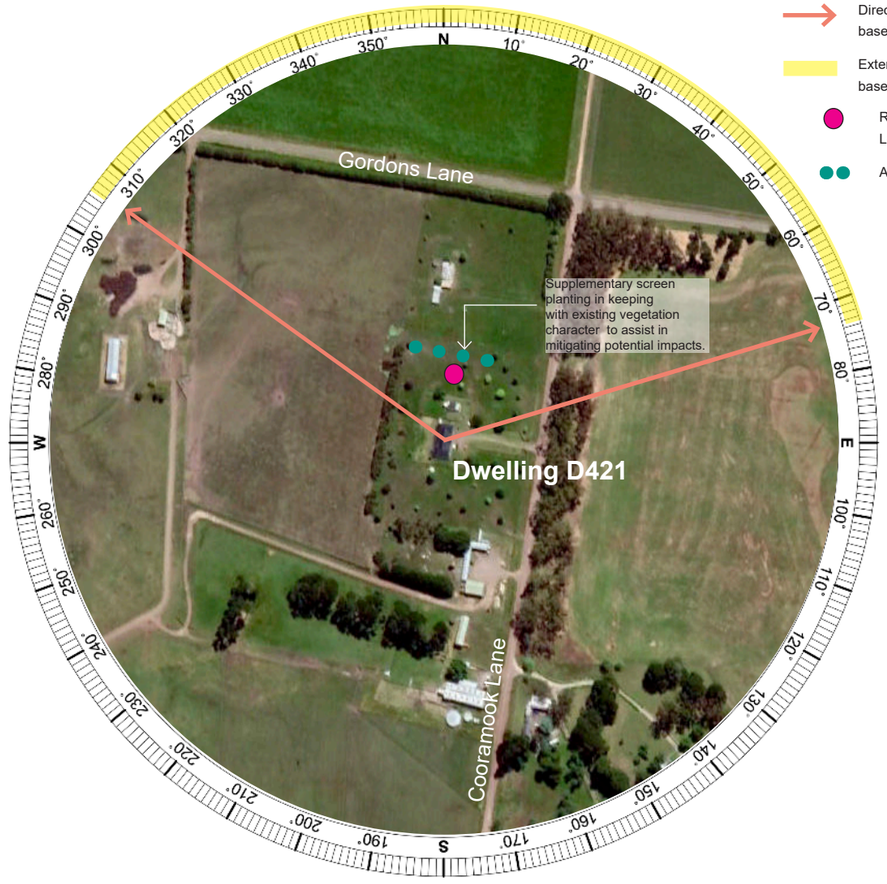
It is likely that the nearest turbines will be visible and visually dominant. Additional screen planting on the northern side of the dwelling would potentially reduce the visual impact to low as demonstrated in locations where existing windbreak planting is effective in screening views, however this will take time to establish. Consultation with the landowner is recommended to discuss appropriate mitigation.

Viewpoint was selected in consultation with the landowner.



LEGEND

- Turbine within 6,000 m (Based on Wire Frame Diagram)
- Turbine out of 6,000 m (Based on Wire Frame Diagram)
- Non-involved Dwelling
- Involved Dwelling
- 3,000 m from nearest turbine
- 6,000 m from nearest turbine



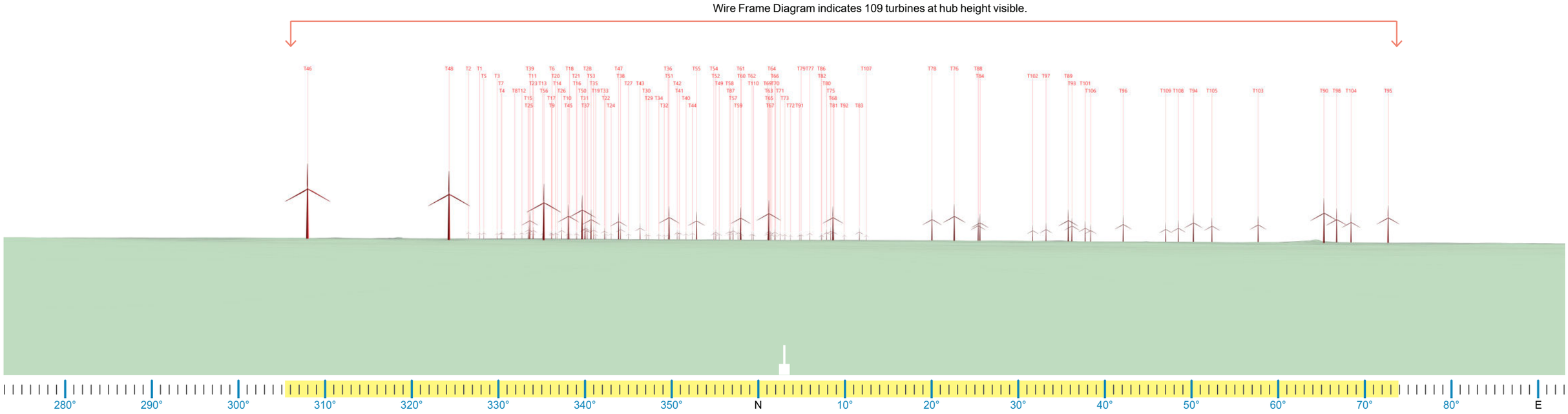
LEGEND

- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location
- Additional screening

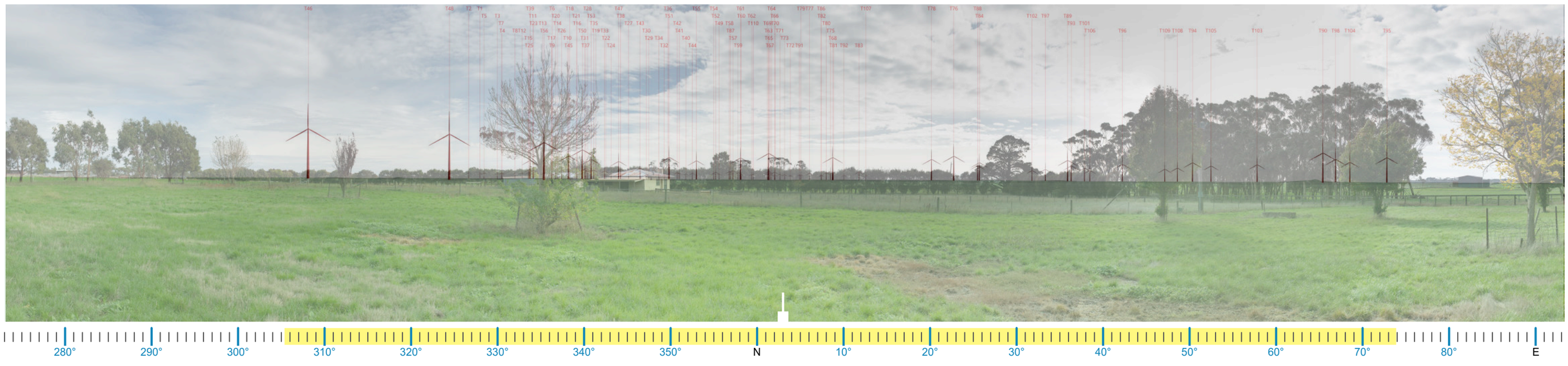
Aerial Image Source: Google Earth (December 2022)

A.19. Dwelling Assessment **Dwelling D421**

Proposed Wire Frame Diagram - 180 degree field of view



Existing View - 180 degree field of view



A.20. Dwelling Assessment **Dwelling D435**

DWELLING D435

Nearest proposed turbine (km):	**2.18 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**21**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**96** at hub 10 at tip	**Landscape Character Unit:**	**LCU01**

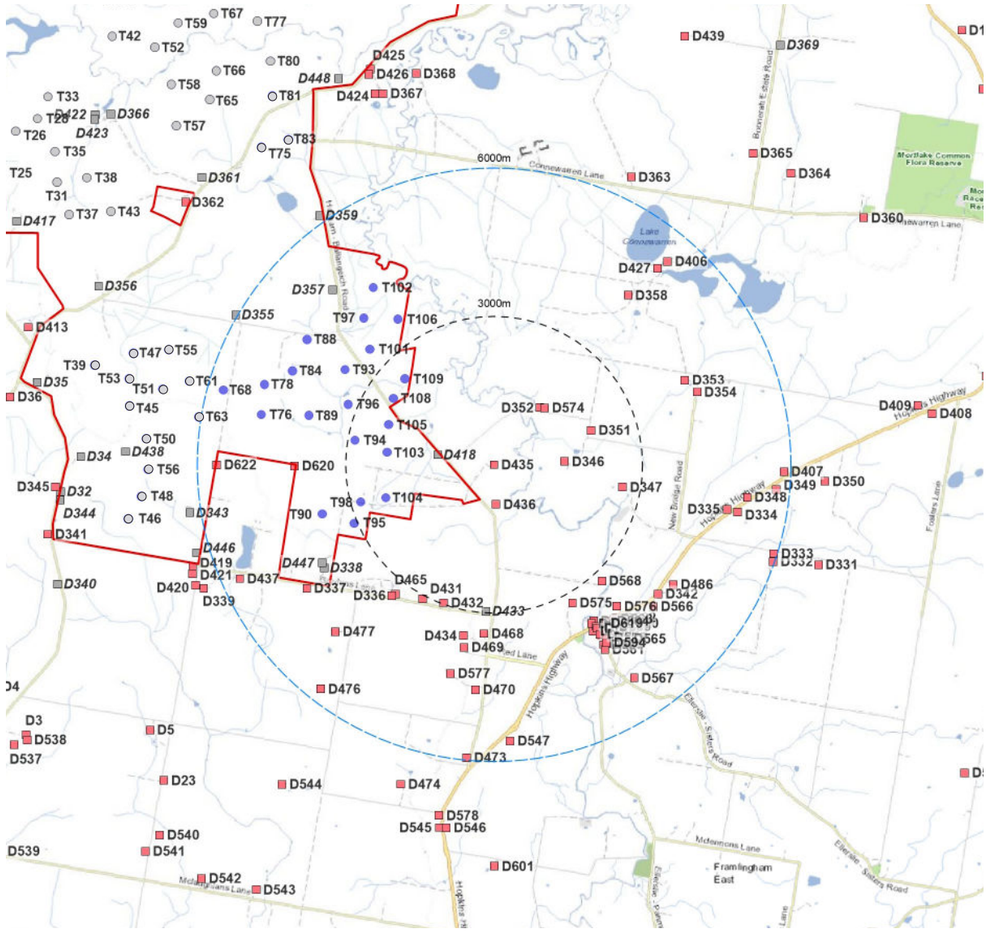
Visual Impact Rating: Moderate

Assessment Notes:

A site inspection was undertaken in May 2023 at this dwelling and a viewpoint was selected in consultation with the owner. The wire frame diagram prepared from the dwelling indicates 96 turbines would theoretically be visible at hub height based on topography alone. The nearest turbine is located approximately 2.18 km away to the west of the dwelling. On inspection it was determined that the dwelling is surrounded by scattered vegetation in the foreground to the north/northwest and dense vegetation generally to the southwest. It is likely that the nearest turbines will be visible in up to 65 degrees of the viewshed. The turbines are likely to be visible and appear similar in scale relative to vegetation and fence posts visible in the foreground. It is likely that turbines will have a moderate impact on the scenic quality. The visual impact resulting from the Project has been rated as ***Moderate***.

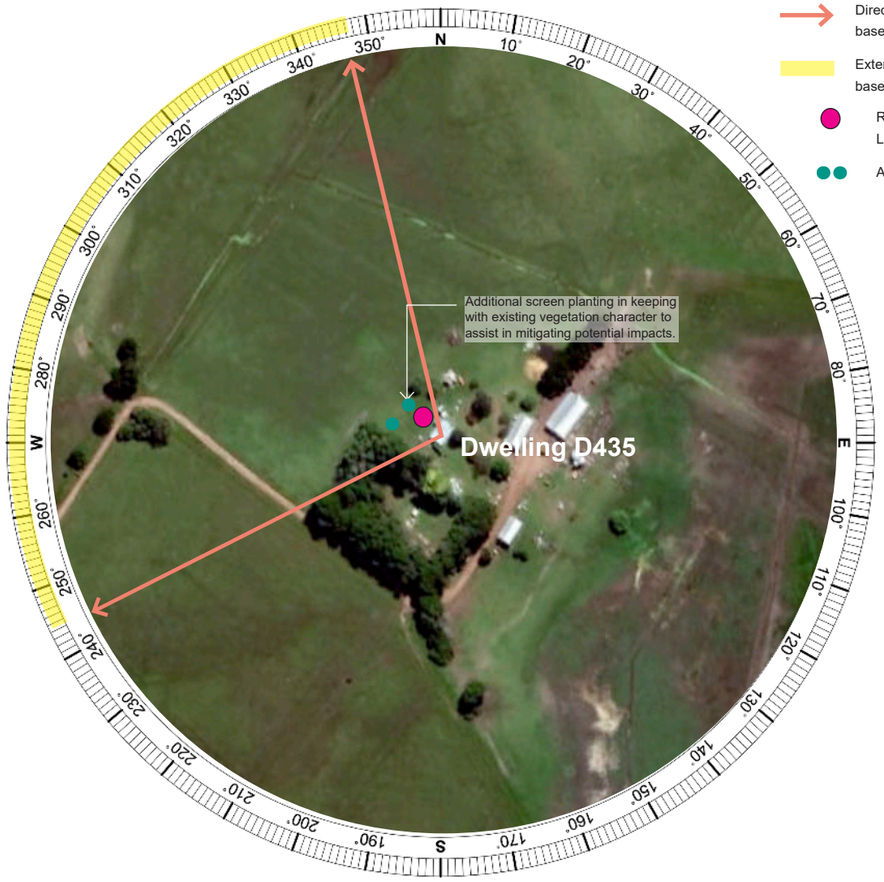
Mitigation Measures:

Additional screen planting on the west of the dwelling would potentially reduce the visual impact to low as demonstrated in locations where existing windbreak planting is effective in screening views, however this will take time to establish. Consultation with the landowner is recommended to discuss appropriate mitigation.



LEGEND

- Turbine within 6,000 m (Based on Wire Frame Diagram)
- Turbine out of 6,000 m (Based on Wire Frame Diagram)
- Non-involved Dwelling
- Involved Dwelling
- 3,000 m from nearest turbine
- 6,000 m from nearest turbine



LEGEND

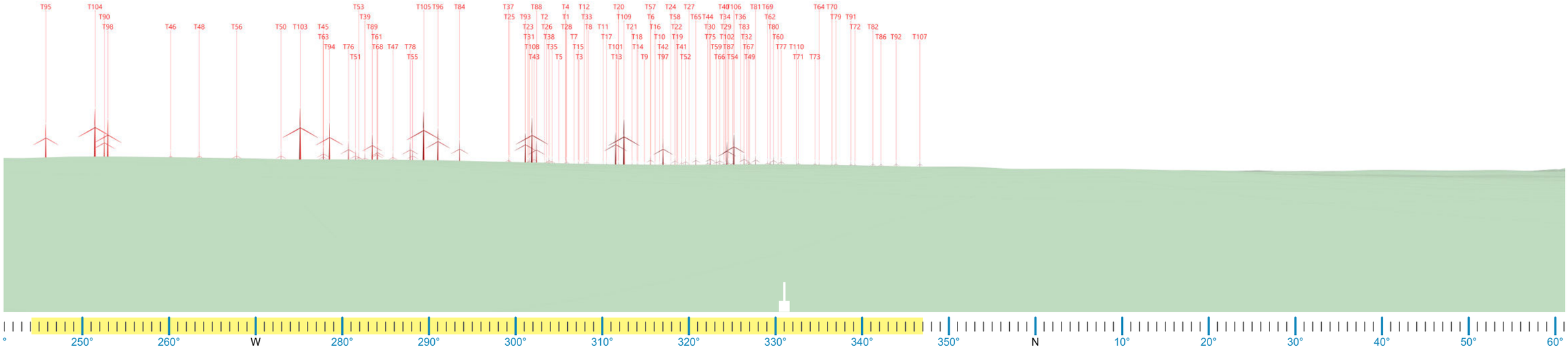
- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location
- Additional screening

Aerial Image Source: Google Earth (December 2022)

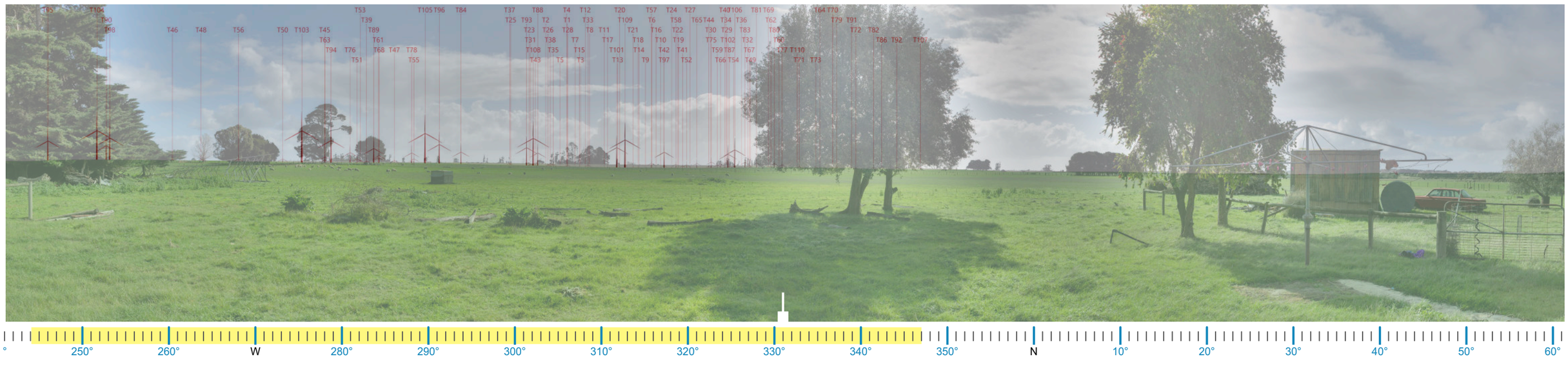
A.20. Dwelling Assessment **Dwelling D435**

Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 96 turbines at hub height visible.



Existing View - 180 degree field of view



A.21. Dwelling Assessment **Dwelling D436**

DWELLING D436

Nearest proposed turbine (km):	**2.22 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**21**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**64** at hub **32** at tip	**Landscape Character Unit:**	**LCU01**

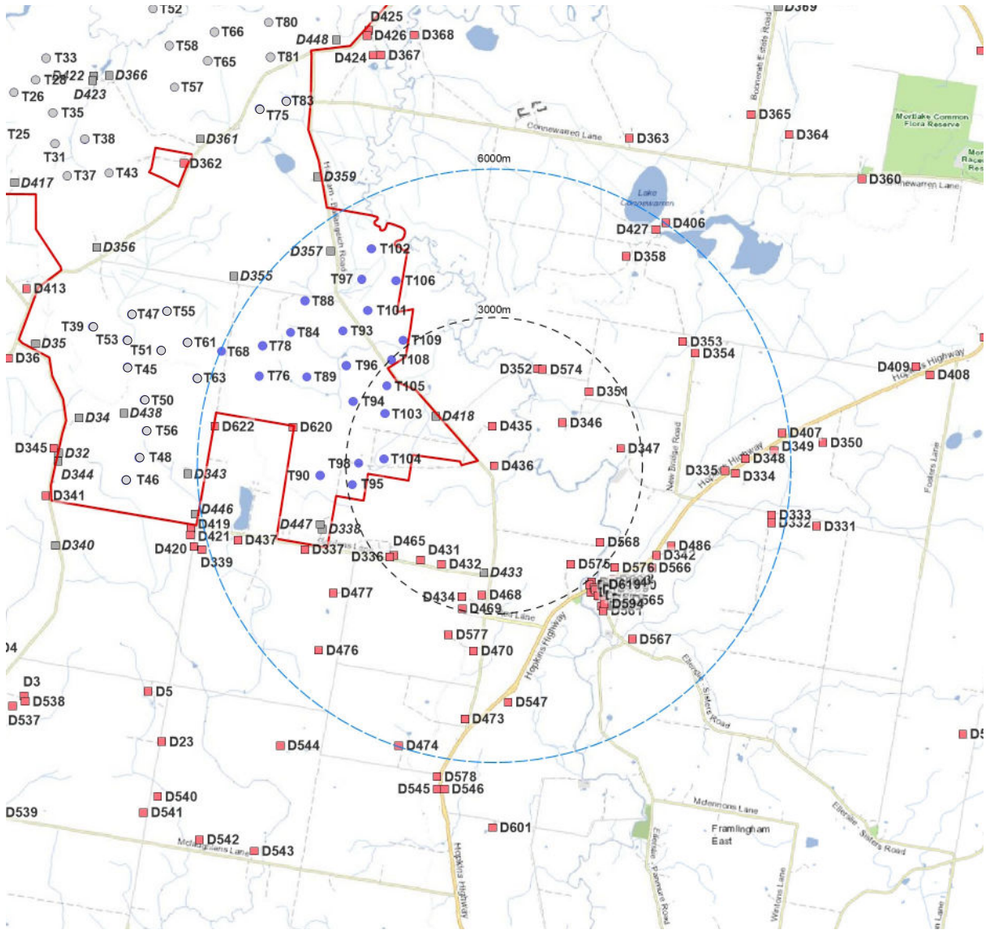
Visual Impact Rating: Low

Assessment Notes:

A site inspection was undertaken in May 2023 at this dwelling and a viewpoint was selected in consultation with the owner. The wire frame diagram prepared from the dwelling indicates 64 turbines would theoretically be visible at hub height based on topography alone. The nearest turbine is located approximately 2.22 km away to the west of the dwelling. On inspection it was determined that the dwelling is surrounded by scattered vegetation in the foreground to the west. The dwelling is also surrounded by farm outbuildings to the northwest and windbreak vegetation along the lot boundary further to the west. It is likely that views of turbines will be available in up to 25 degrees of the viewshed to the southwest. It is likely that the Project will have a low impact on the scenic quality as the turbines will be viewed in the context of farm outbuildings. Considering the extent of existing intervening elements in the dwelling's foreground, the visual impact resulting from the Project has been rated as ***Low***.

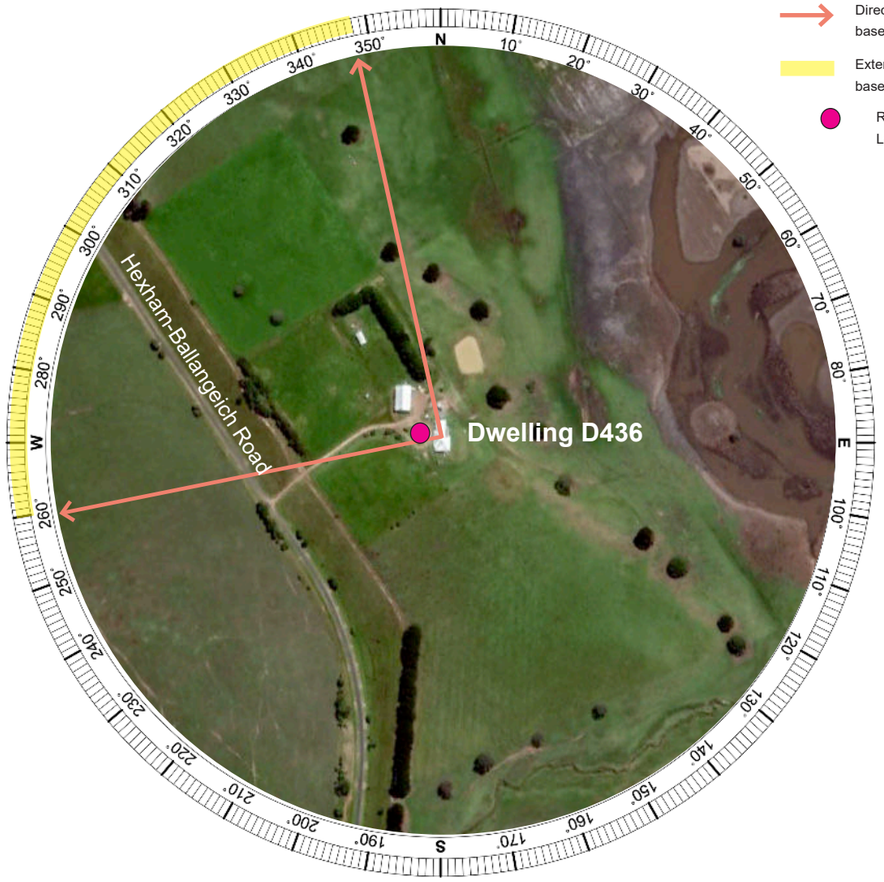
Mitigation Measures:

Existing vegetation will screen view to the turbines. No mitigation required.



LEGEND

- Turbine within 6,000 m (Based on Wire Frame Diagram)
- Turbine out of 6,000 m (Based on Wire Frame Diagram)
- Non-involved Dwelling
- Involved Dwelling
- 3,000 m from nearest turbine
- 6,000 m from nearest turbine

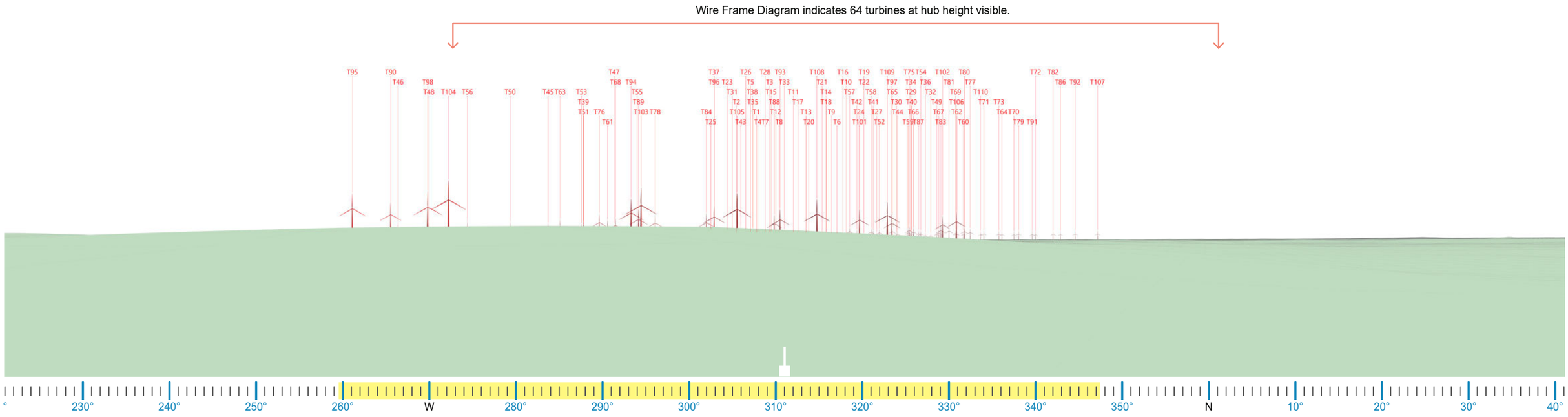


LEGEND

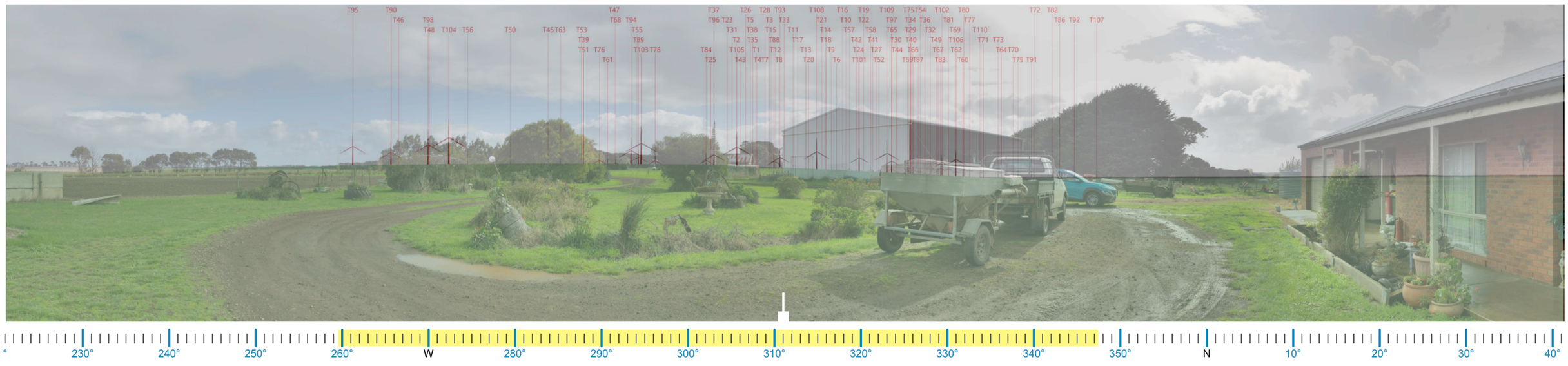
- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location

Aerial Image Source: Google Earth (December 2022)

A.21. Dwelling Assessment **Dwelling D436**



Existing View - 180 degree field of view



A.22. Dwelling Assessment **Dwelling D445**

DWELLING D445

Nearest proposed turbine (km):	**1.68 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**23**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

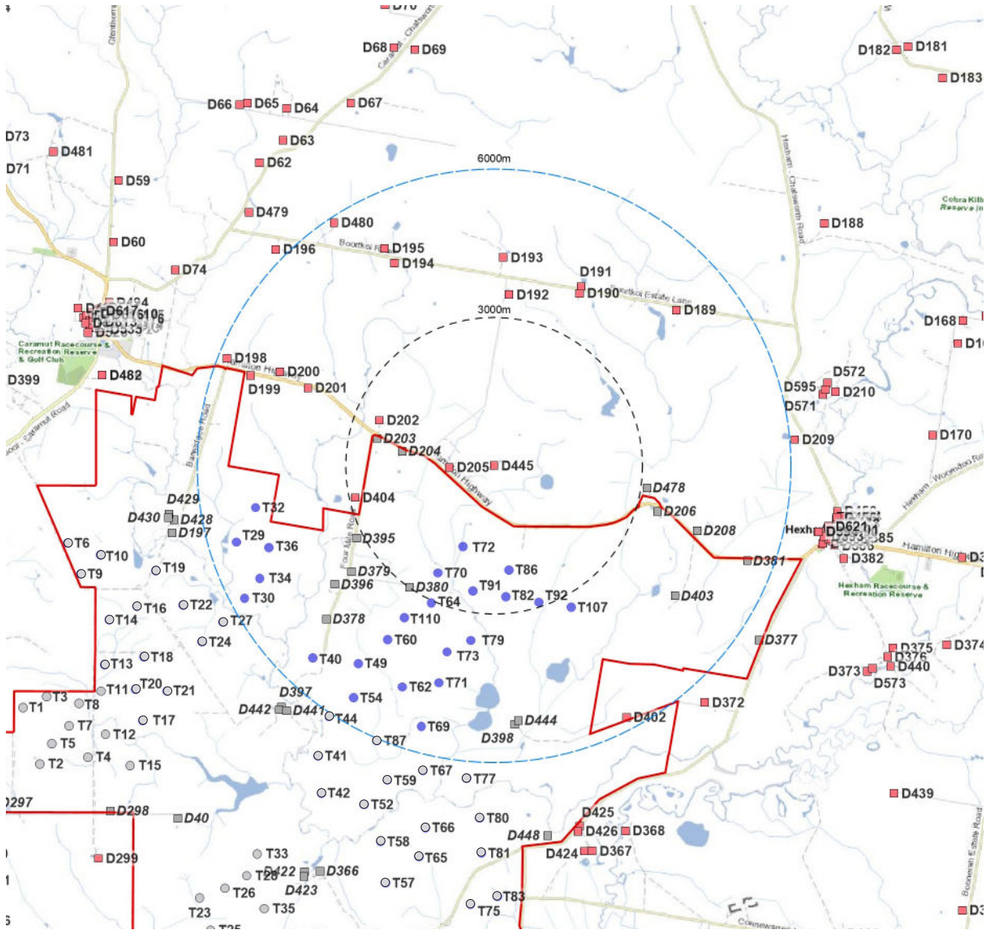
Visual Impact Rating: High

Assessment Notes:

A site inspection was undertaken in May 2023 at this dwelling and a viewpoint was selected in consultation with the owner. The wire frame diagram prepared from the dwelling indicates that all (106) turbines would theoretically be visible at hub height based on topography alone. The nearest turbine is located approximately 1.68 km away. Views of the Project including the closest turbines are likely to be available in the south. On inspection it was found that views towards the project were generally open. A photomontage has been prepared to demonstrate the visibility of the Project from the dwelling. It is likely that the Project will be visible in up to 113 degrees of the viewshed and the visually dominant turbines will be visible in up to 65 degrees of the viewshed. Dense windbreak vegetation will screen some turbines to the west. The Project is likely to have a high impact on the scenic quality as the turbines are visually dominant. The visual impact resulting from the Project has been rated as ***High***.

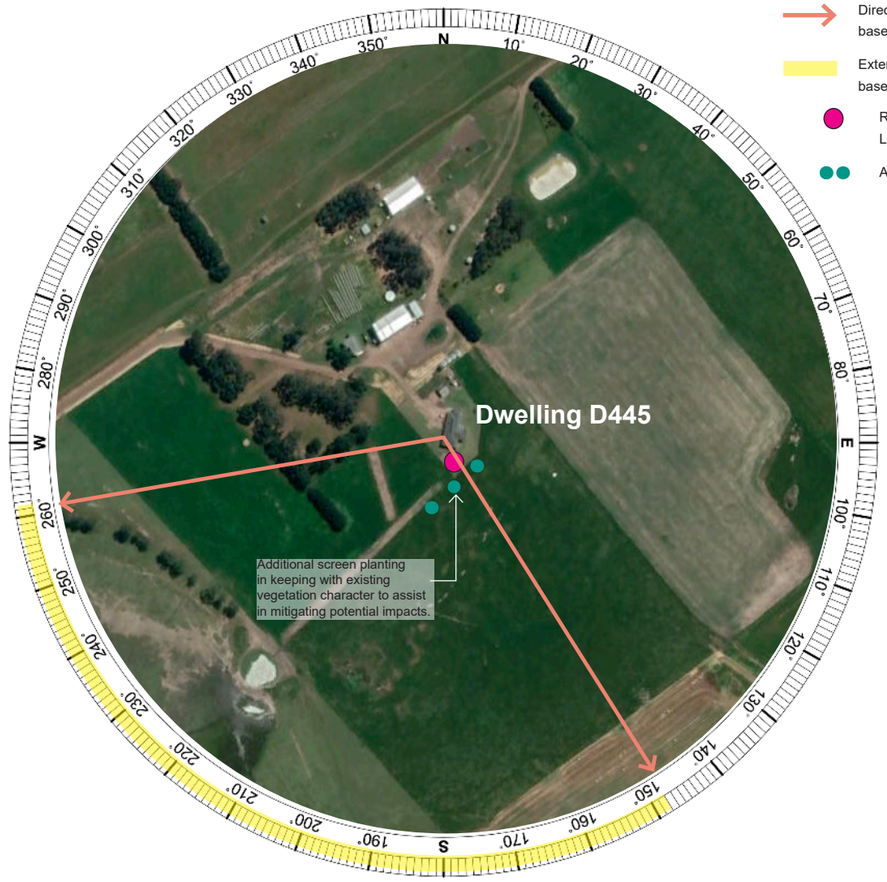
Mitigation Measures:

It is likely that majority of the turbines will be visible to the south of the dwelling. Additional screen planting along the southern fence line would potentially reduce the visual impact to moderate as demonstrated in locations where existing windbreak planting is effective in screening views, however this will take time to establish. Consultation with the landowner is recommended to discuss appropriate mitigation.



LEGEND

- Turbine within 6,000 m (Based on Wire Frame Diagram)
- Turbine out of 6,000 m (Based on Wire Frame Diagram)
- Non-involved Dwelling
- Involved Dwelling
- 3,000 m from nearest turbine
- 6,000 m from nearest turbine



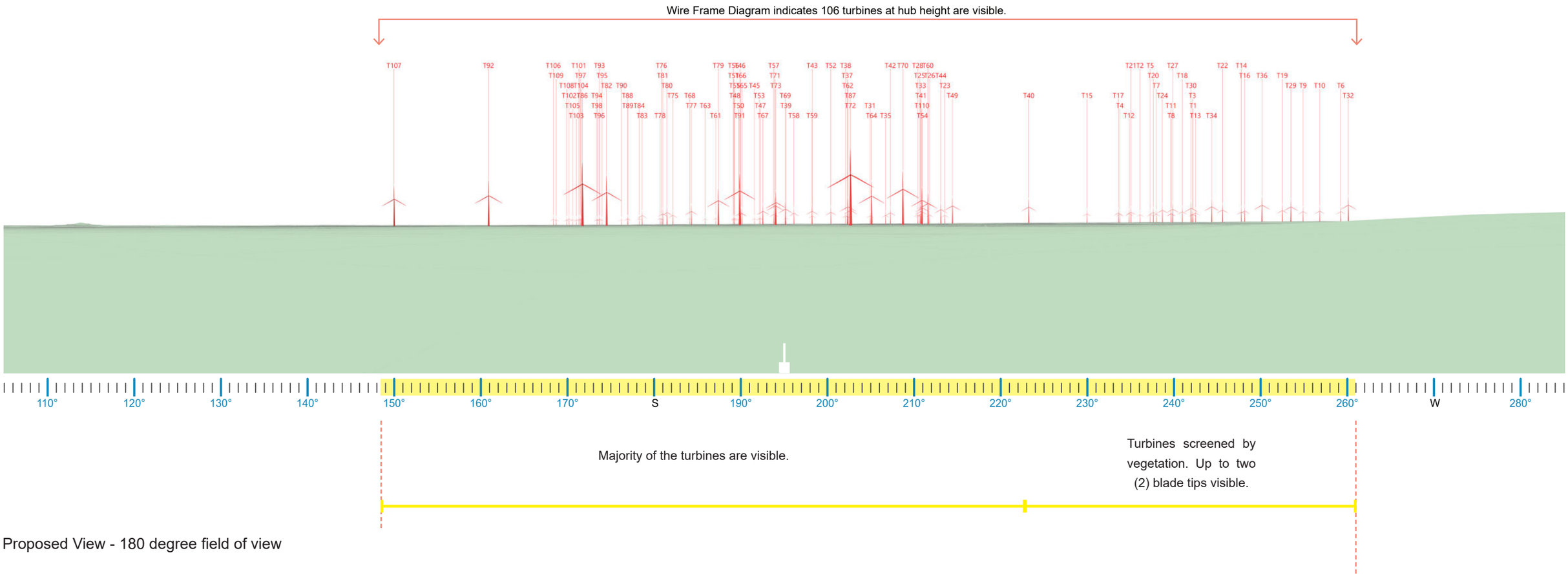
LEGEND

- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location
- Additional screening

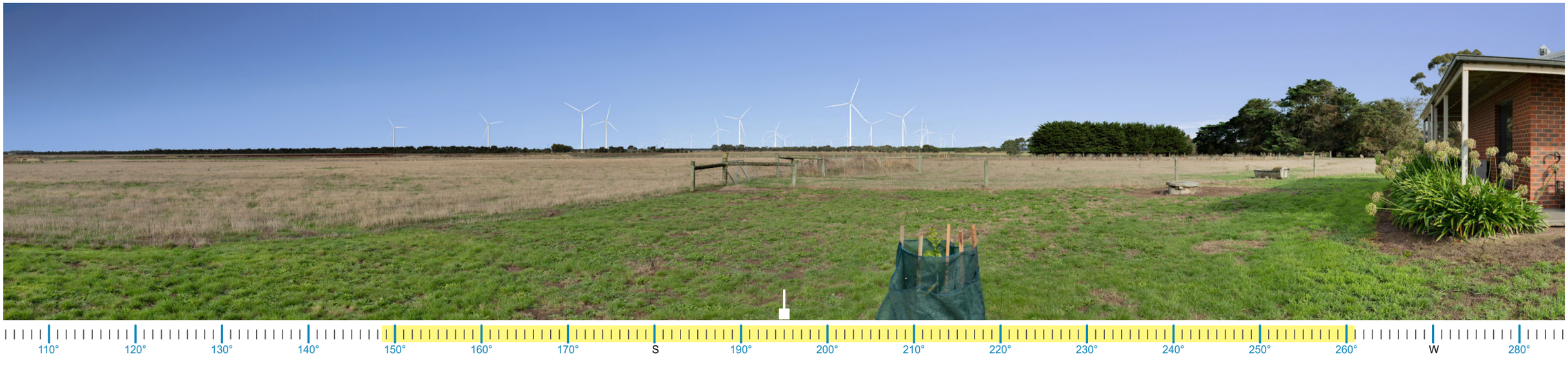
Aerial Image Source: Google Earth (November 2021)

A.22. Dwelling Assessment **Dwelling D445**

Proposed Wire Frame Diagram - 180 degree field of view



Proposed View - 180 degree field of view



NOTE: Modified image with blue sky for Photomontage.

A.23. Dwelling Assessment **Dwelling D622**

DWELLING D622

Nearest proposed turbine (km):	**1.04 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**35**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

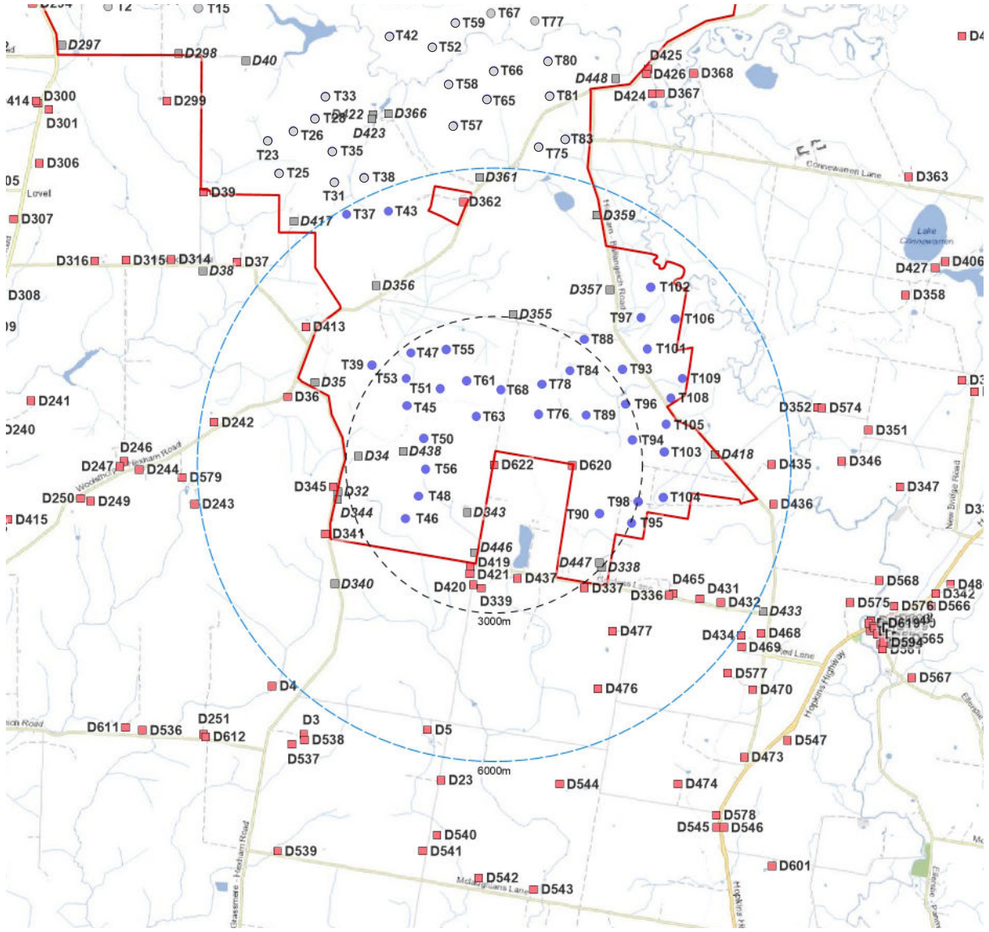
Visual Impact Rating: High

Assessment Notes:

A site inspection was undertaken in May 2023 at this dwelling. The wire frame diagram prepared from the dwelling indicates all (106) turbines would theoretically be visible at hub height based on topography alone. The nearest turbine to the dwelling is located approximately 1.04 km away. Views of the Project are likely to be available to the northwest, north, east and southwest. On inspection it was found that the dwelling has open views in all directions. It is likely that all turbines will be visible at the dwelling and the Project will be a visually dominant element in the landscape. The visual impact resulting from the Project has been rated as ***High***.

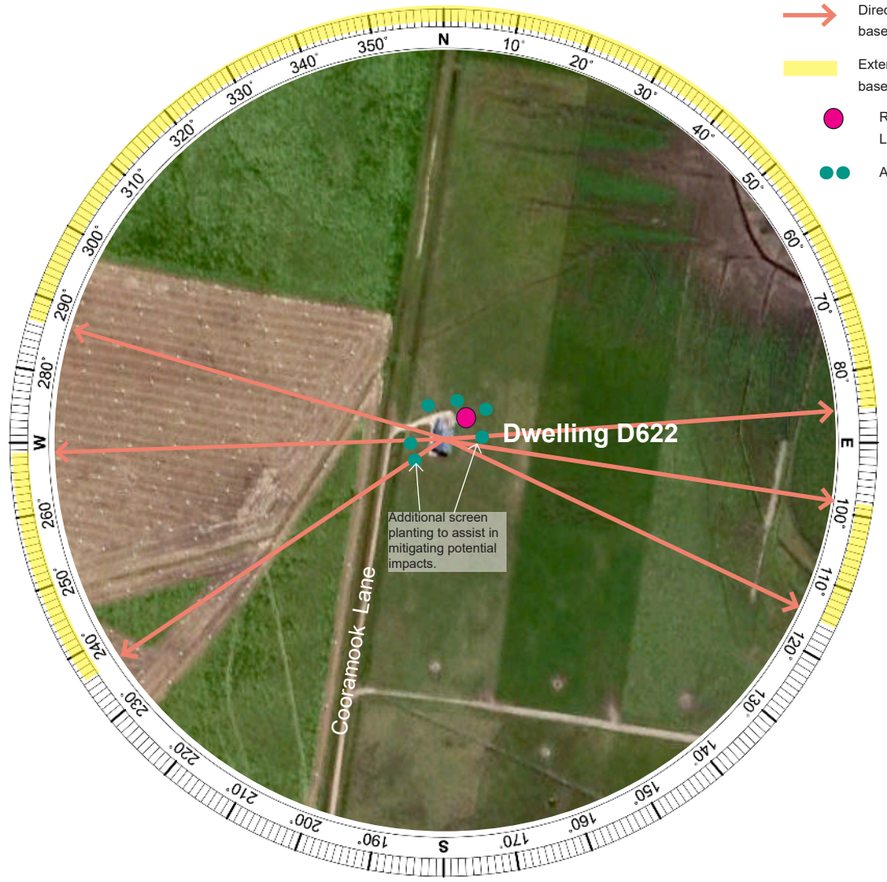
Mitigation Measures:

It is likely that majority of the Project will be visible at the dwelling. Additional screen planting in the northern, eastern and southwestern directions would potentially reduce the visual impact to moderate/low as demonstrated in locations where existing windbreak planting is effective in screening views, however this will take time to establish. Consultation with the landowner is recommended to discuss appropriate mitigation.



LEGEND

- Turbine within 6,000 m (Based on Wire Frame Diagram)
- Turbine out of 6,000 m (Based on Wire Frame Diagram)
- Non-involved Dwelling
- Involved Dwelling
- 3,000 m from nearest turbine
- 6,000 m from nearest turbine



LEGEND

- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location
- Additional screening

Aerial Image Source: Google Earth (December 2022)