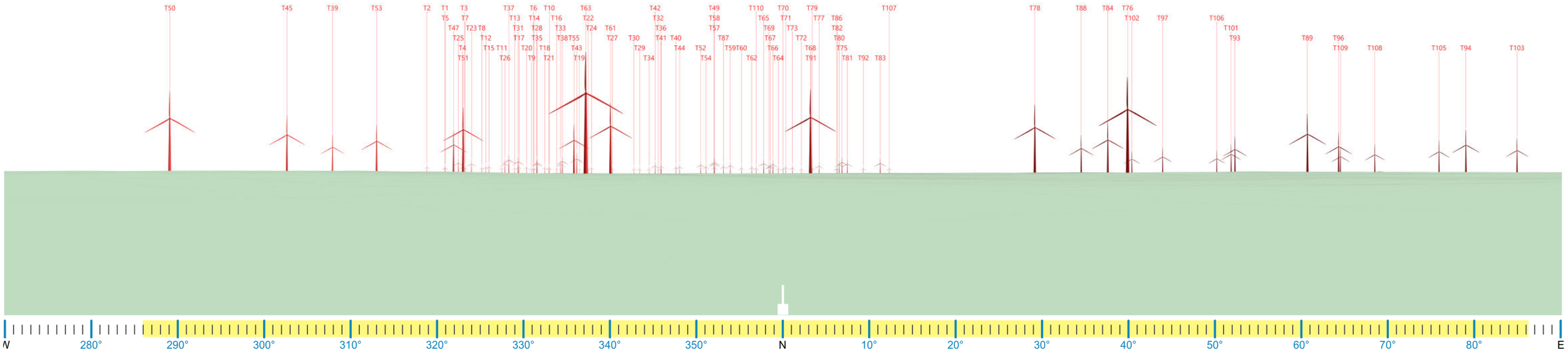
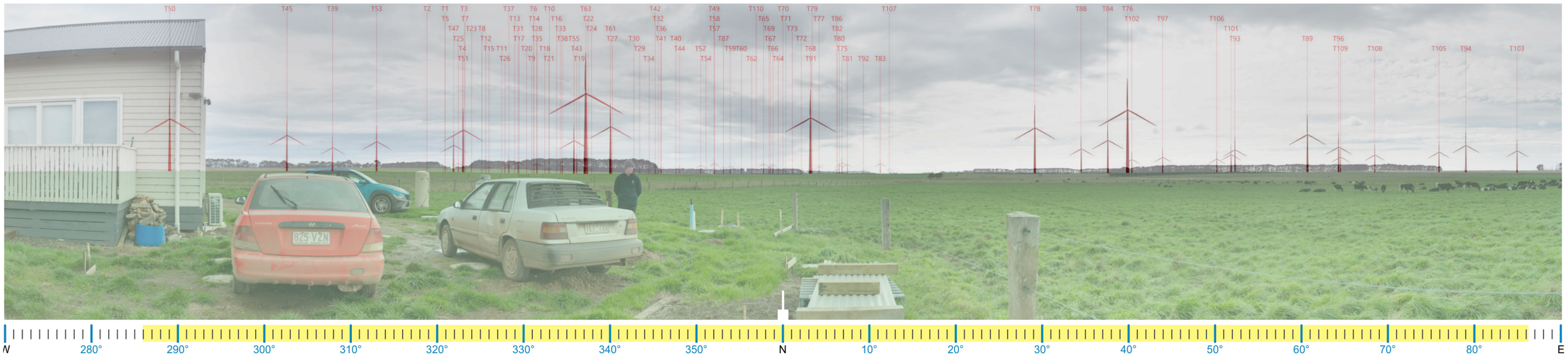
A.23. Dwelling Assessment **Dwelling D622**

Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 99 turbines at hub height visible.

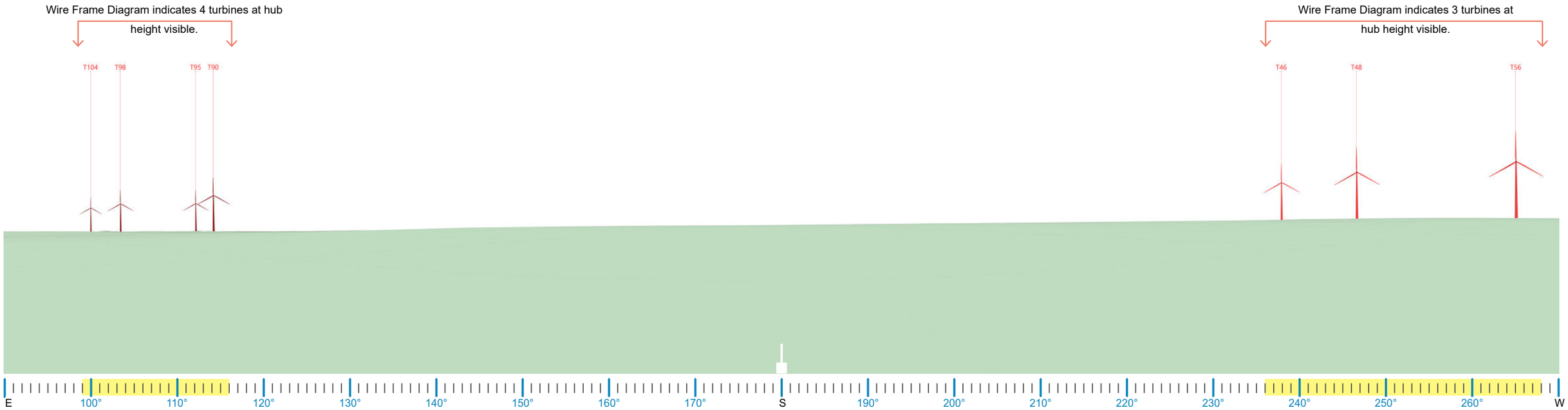


Existing View - 180 degree field of view (north)

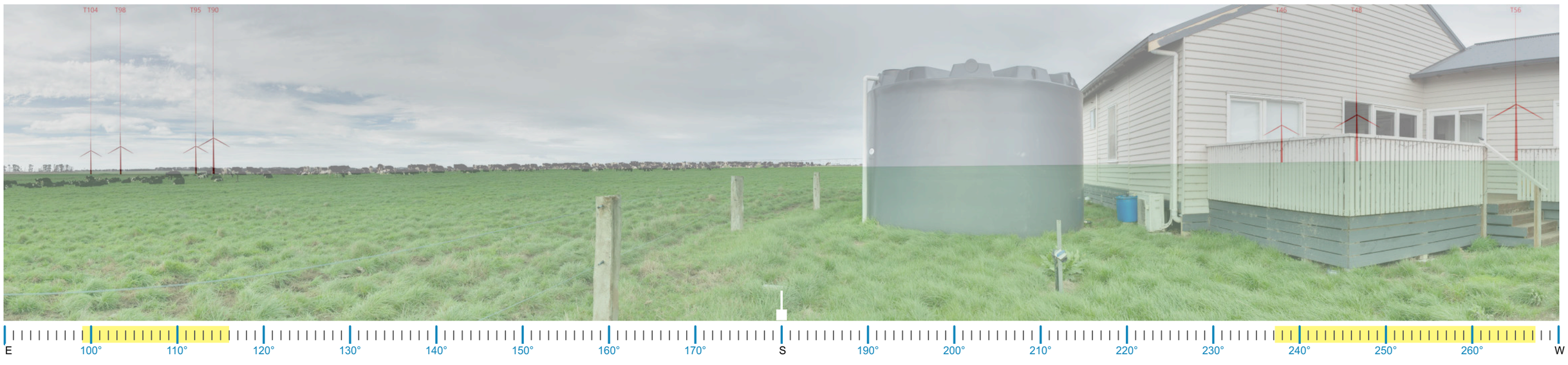


A.23. Dwelling Assessment **Dwelling D622**

Proposed Wire Frame Diagram - 180 degree field of view



Existing View - 180 degree field of view (south)



A.24. Dwelling Assessment **Dwelling D424**

DWELLING D424

Nearest proposed turbine (km):	**1.99 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**40**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

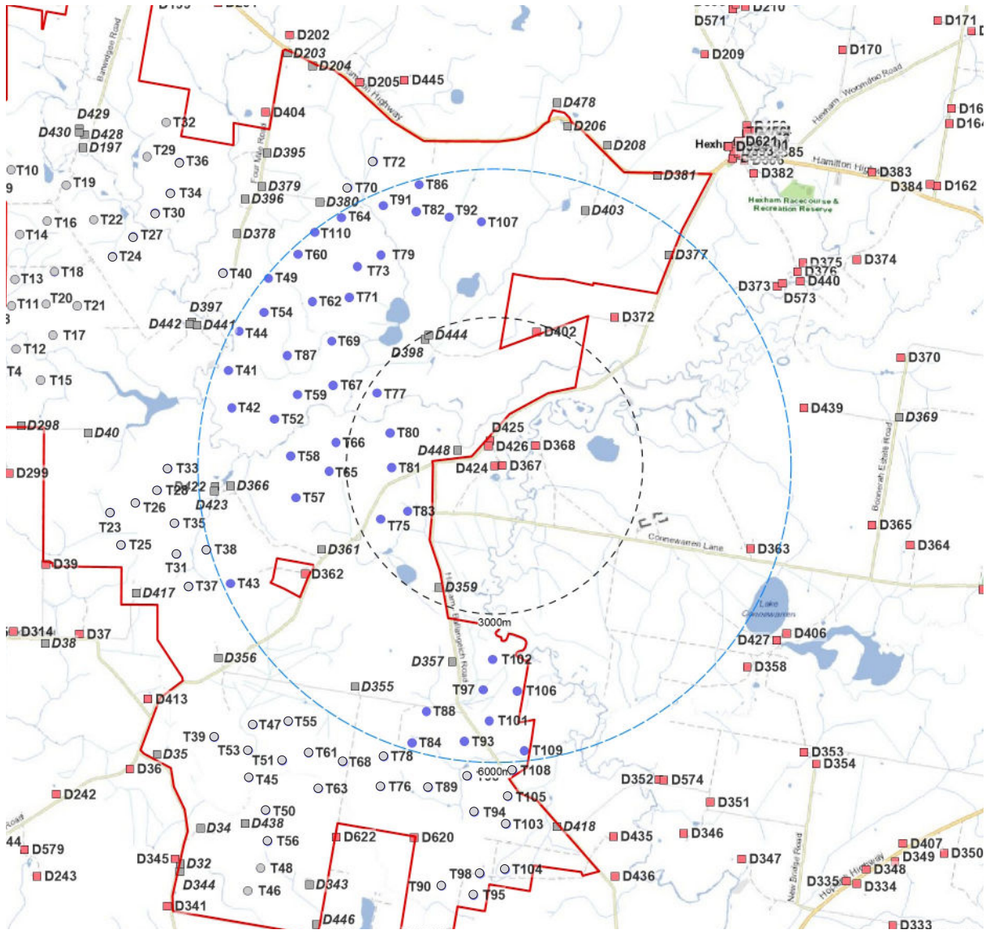
Visual Impact Rating: Low

Assessment Notes:

A site inspection was undertaken in July 2023 at this dwelling and a viewpoint was selected in consultation with the owner. 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 1.99 km away to the southwest of the dwelling. On inspection it was found that the dwelling is surrounded by scattered vegetation in the foreground, farm outbuildings to the north and northwest and dense windbreak vegetation further to the north, northwest and southwest. A photomontage has been prepared to demonstrate the extent of visibility of the Project from the dwelling. Gaps in existing vegetation allow partial visibility of the nearest turbines in up to 15 degrees of the viewshed in the western direction. It is likely that the Project will have a low impact on the scenic quality due to its limited visibility from the dwelling. It is likely that the Project will have a minimal impact on the scenic quality. The visual impact resulting from the Project has been rated as ***Low***.

Mitigation Measures:

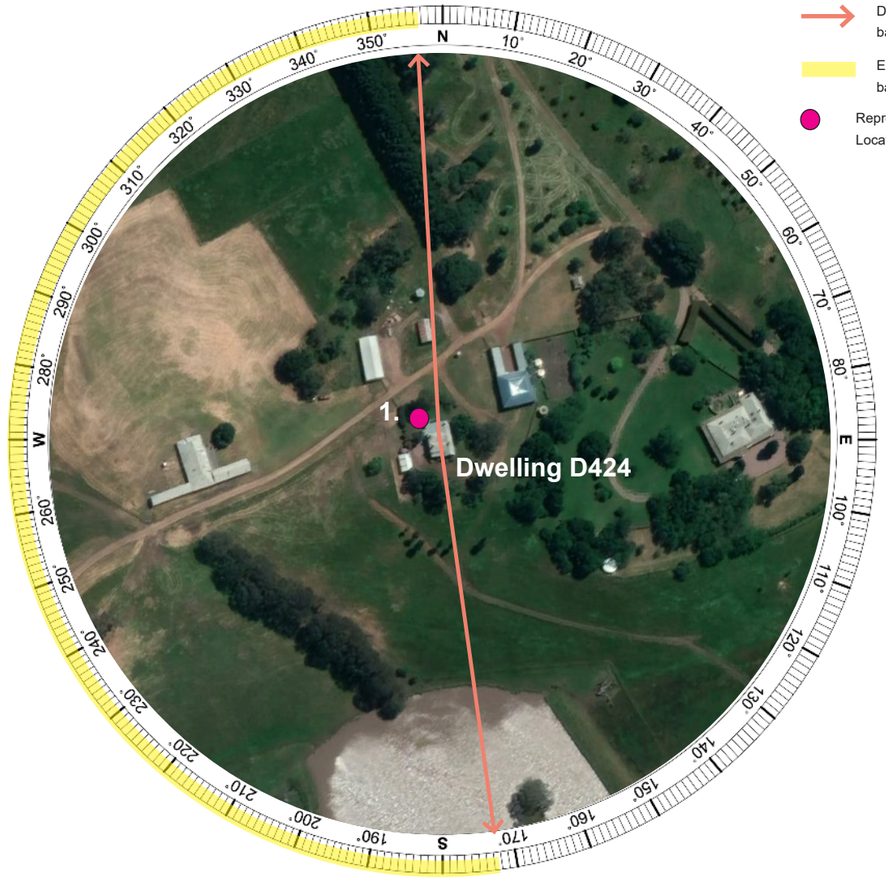
Existing vegetation will assist in screening view to the turbines. No mitigation required.



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

N



LEGEND

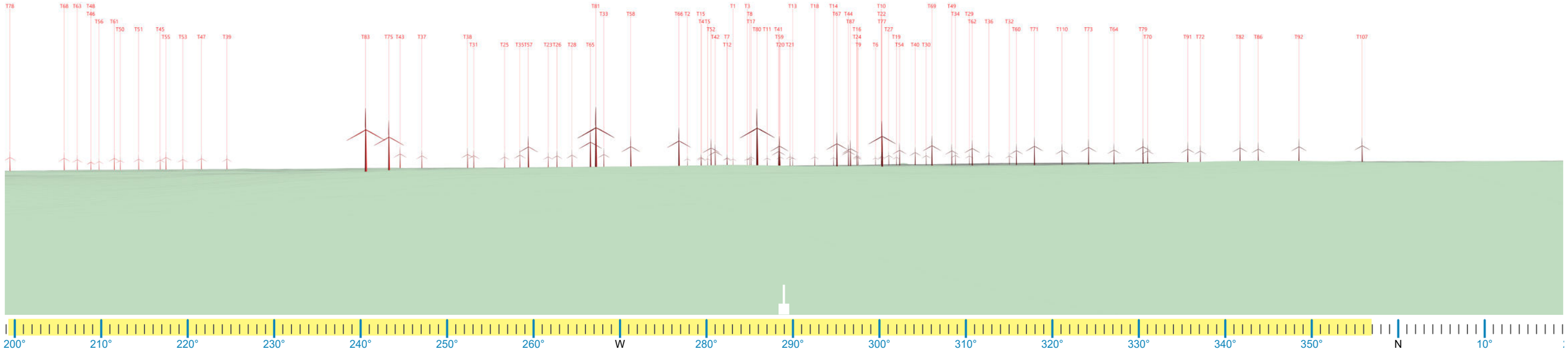
- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location

Aerial Image Source: Google Earth (November 2021)

A.24. Dwelling Assessment **Dwelling D424**

Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 88 turbines at hub height are visible.

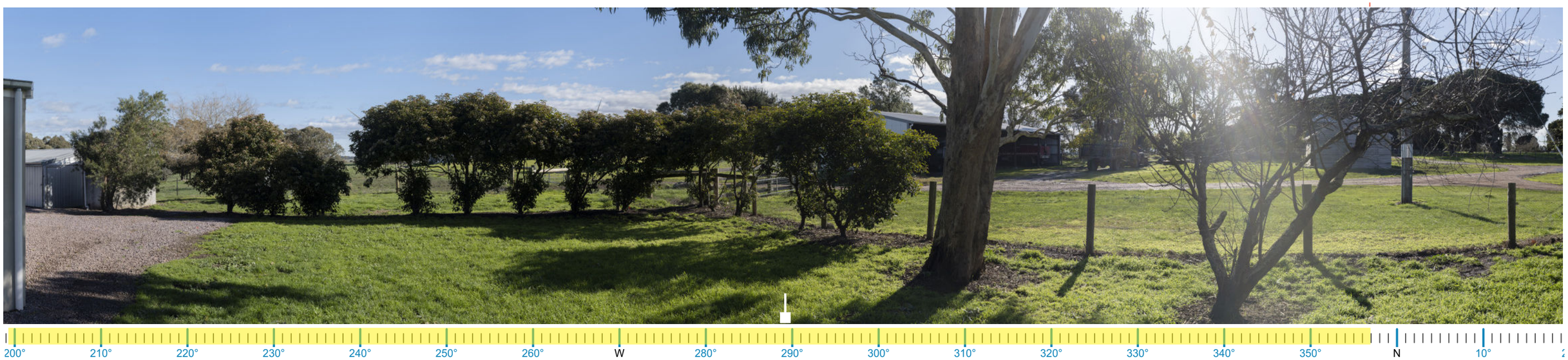


Turbines screened by existing vegetation and farm outbuildings.

Up to two (2) turbines are partially visible.

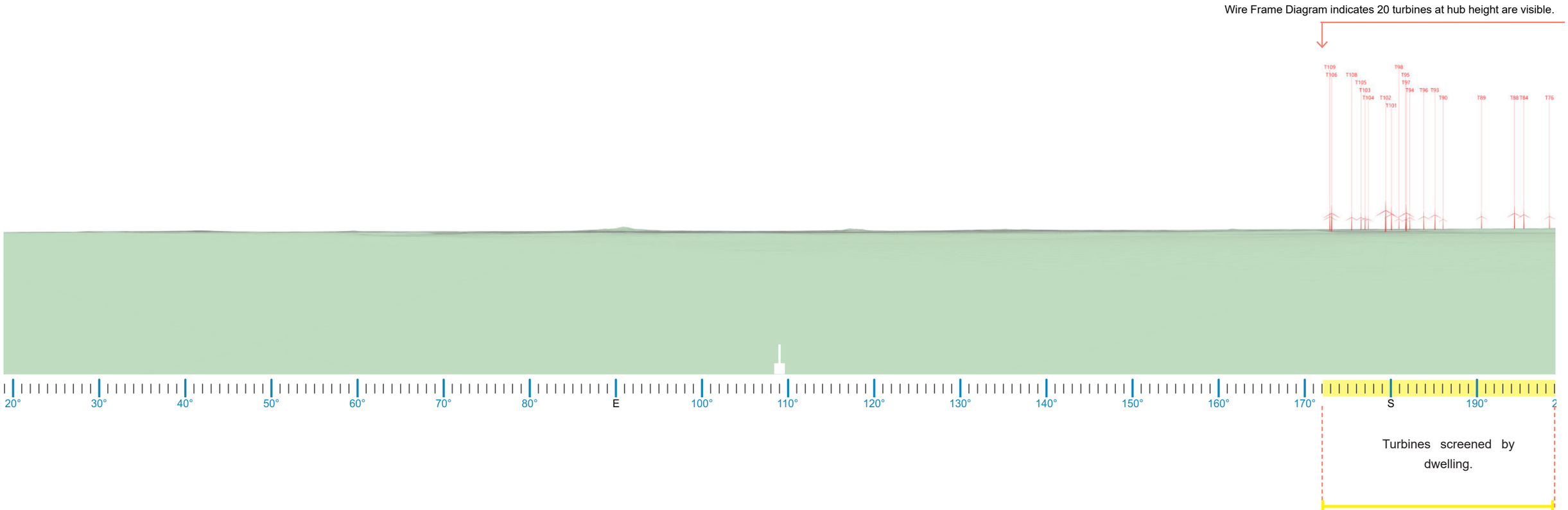
Turbines screened by existing vegetation.and farm outbuildings.

Proposed View 1 - 180 degree field of view (West)

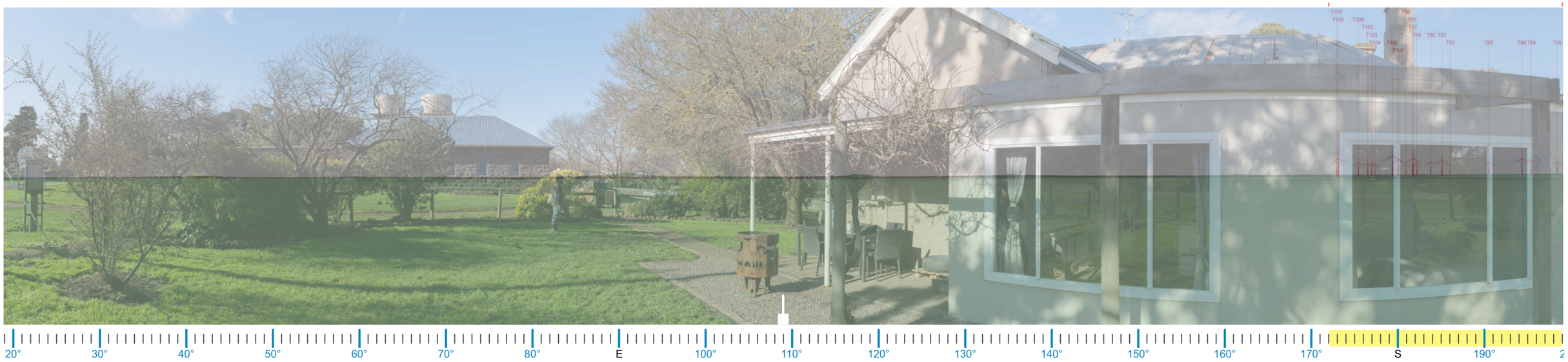


A.24. Dwelling Assessment **Dwelling D424**

Proposed Wire Frame Diagram - 180 degree field of view



Proposed View 2 - 180 degree field of view (East)



A.25. Dwelling Assessment **Dwelling D367**

DWELLING D367

Nearest proposed turbine (km):	**2.12 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**38**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**78** all at hub	**Landscape Character Unit:**	**LCU01**

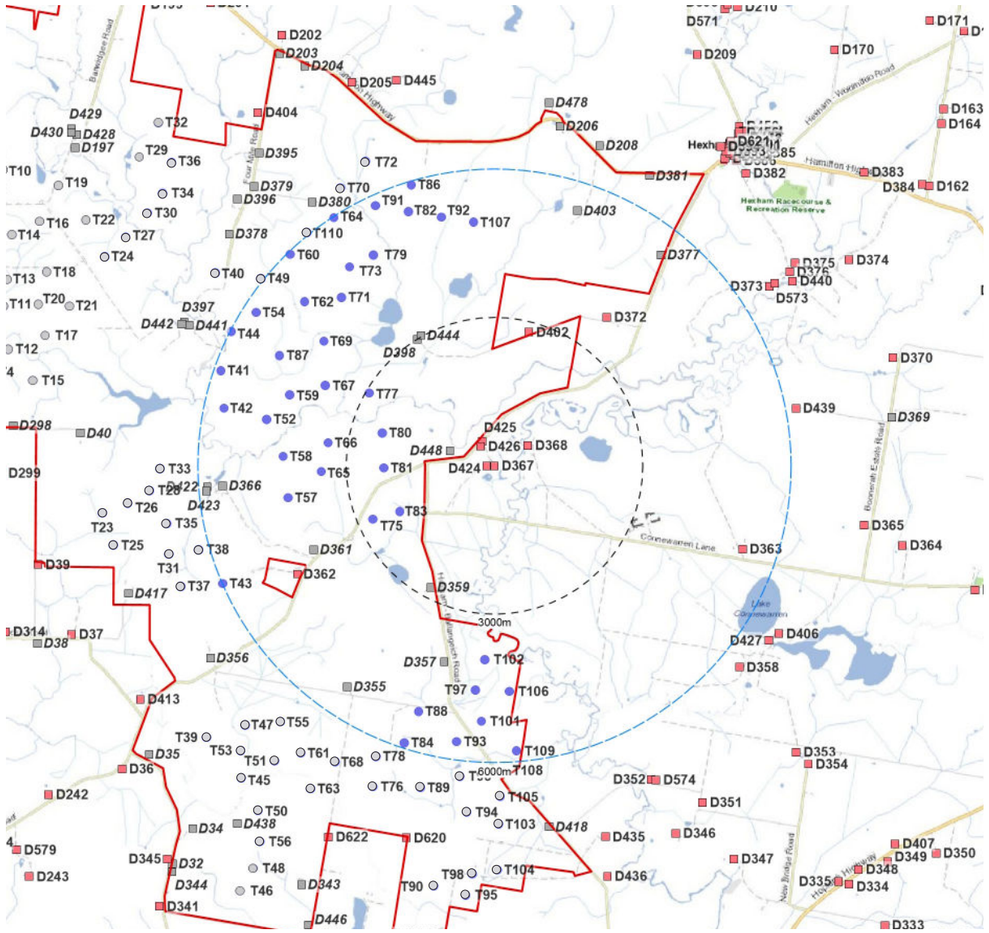
Visual Impact Rating: Low

Assessment Notes:

A site inspection was undertaken in July 2023 at this dwelling and a viewpoint was selected in consultation with the owner. The wire frame diagram prepared from the dwelling indicates that eighty (80) turbines would theoretically be visible based on topography alone. The nearest turbine is located approximately 2.12 km away to the southwest of the dwelling. On inspection it was found that the dwelling is surrounded by a row of deciduous trees to the south and southwest and dense vegetation to the north and west of the dwelling. A photomontage has been prepared to demonstrate the extent of visibility of the Project from the dwelling. It is likely that the majority of turbines will be screened by existing vegetation and partial views will be available to the south and southwest. It is likely that the Project will have a low impact on the scenic quality. The visual impact resulting from the Project has been rated as ***Low.***

Mitigation Measures:

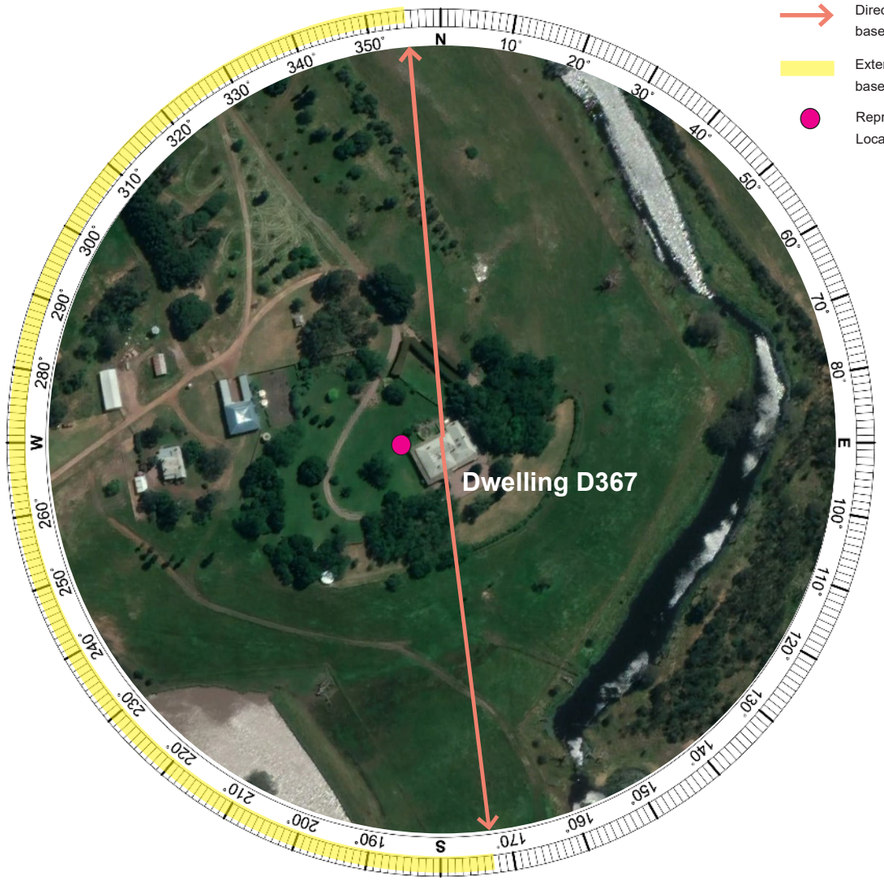
Existing vegetation will assist in screening view to the turbines. No mitigation required.



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

N



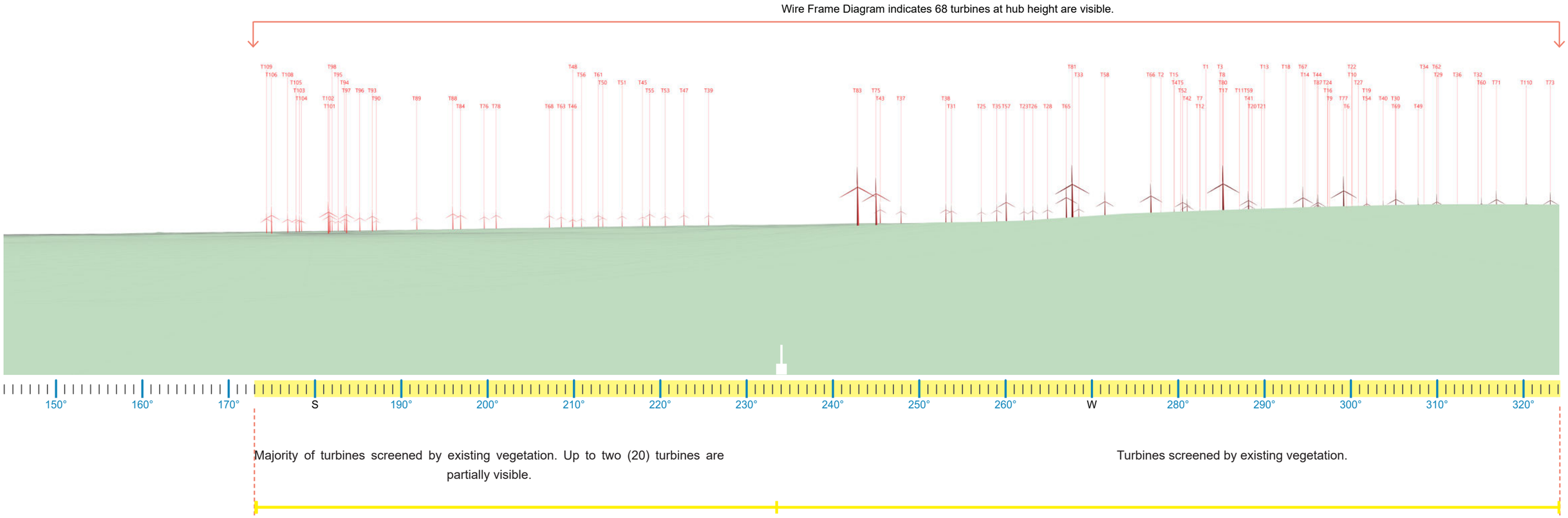
LEGEND

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

Aerial Image Source: Google Earth (November 2021)

A.25. Dwelling Assessment **Dwelling D367**

Proposed Wire Frame Diagram - 180 degree field of view

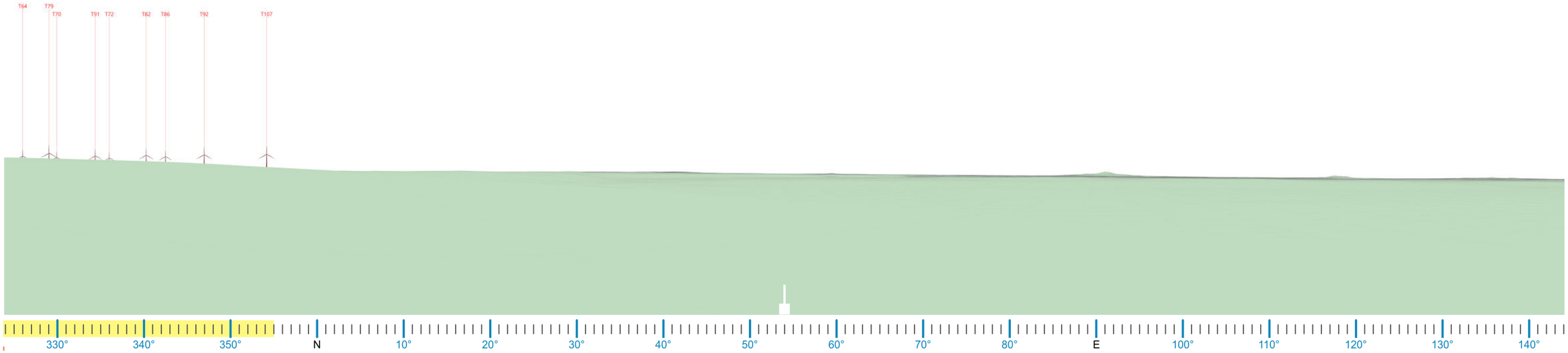


Proposed View 1 - 180 degree field of view (Southwest)

A.25. Dwelling Assessment **Dwelling D367**

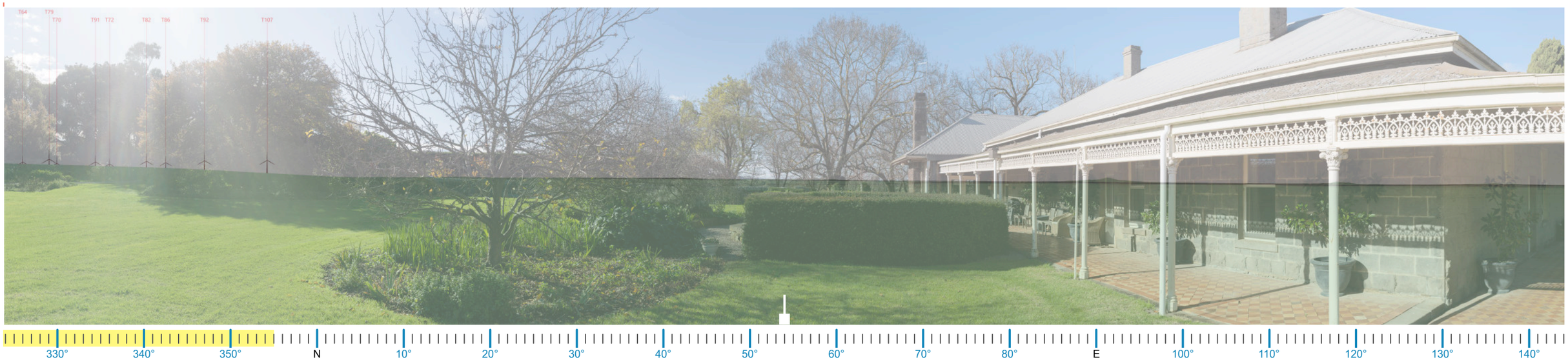
Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 10 turbines at hub height are visible.



Turbines screened by existing vegetation.

Proposed View 2 - 180 degree field of view (Northeast)



A.26. Dwelling Assessment **Dwelling D425**

DWELLING D425

Nearest proposed turbine (km):	**2.02 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**38**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

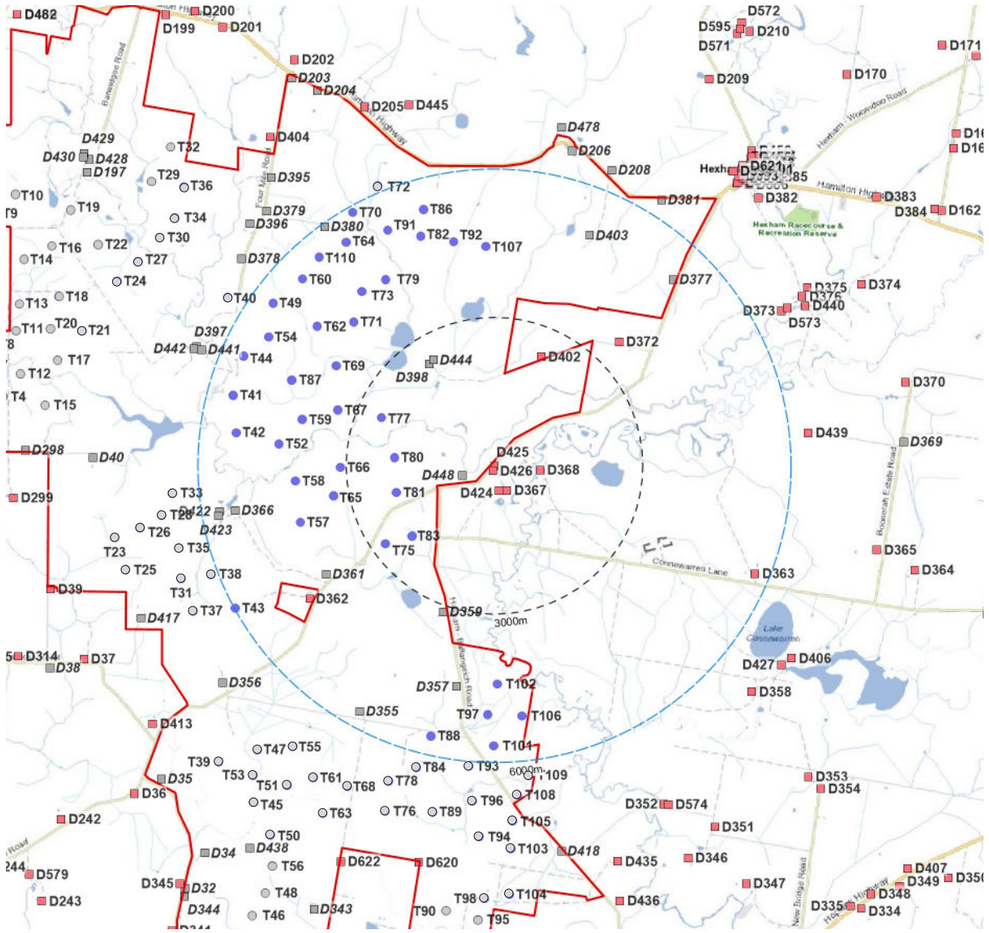
Visual Impact Rating: Moderate

Assessment Notes:

A site inspection was undertaken in July 2023 at this dwelling and a viewpoint was selected in consultation with the owner. 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 2.02 km to the west the dwelling. On inspection it was found that views to the north and northwest are open towards the Project. Gaps in existing vegetation on the south/southwestern side of the dwelling allow fragmented views to turbines in up to 100 degrees of the viewshed in this direction. A photomontage has been prepared to demonstrate the extent of visibility of the Project from the dwelling. It is likely that the Project will have a moderate impact on the scenic quality. The visual impact resulting from the Project has been rated as ***Moderate***.

Mitigation Measures:

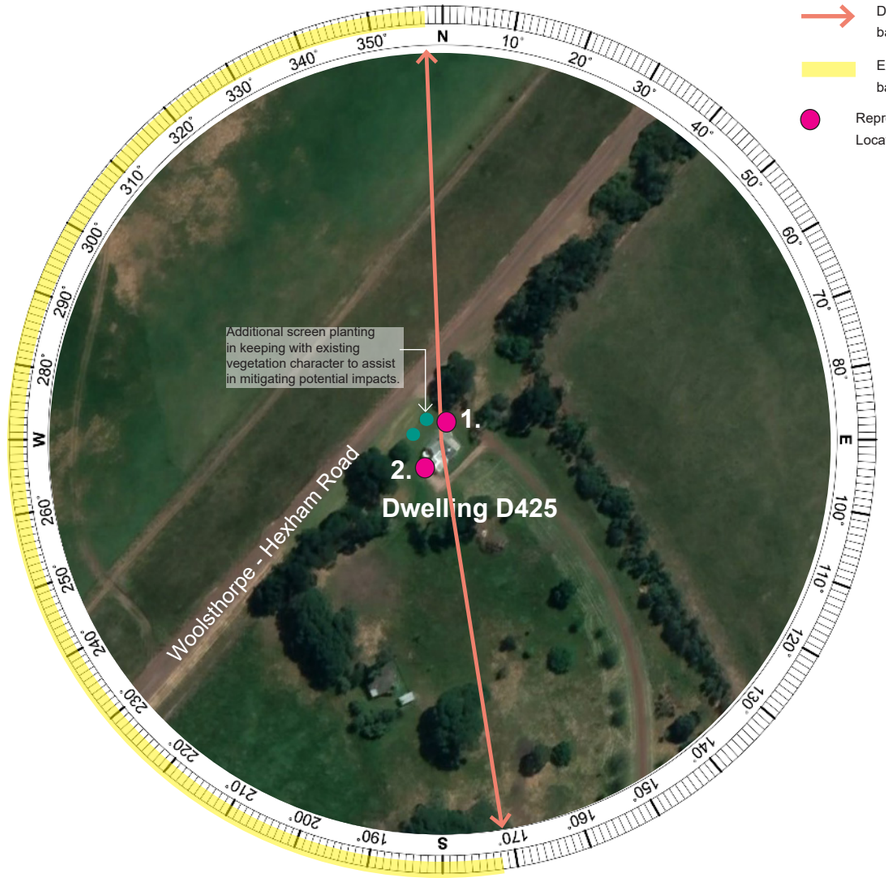
Provision of screen planting in the dwelling's foreground to the northwest would potentially reduce the visual impact to low as demonstrated in locations where existing windbreak planting is effective in screening views, however this will take time to establish. Consultation with the landowner is recommended 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

N



LEGEND

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

Aerial Image Source: Google Earth (November 2021)