A

Detailed Dwelling Assessments

A.1. Dwelling Assessment **Dwelling D36**

DWELLING D36

Nearest proposed turbine (km):	**1.81 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**25**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

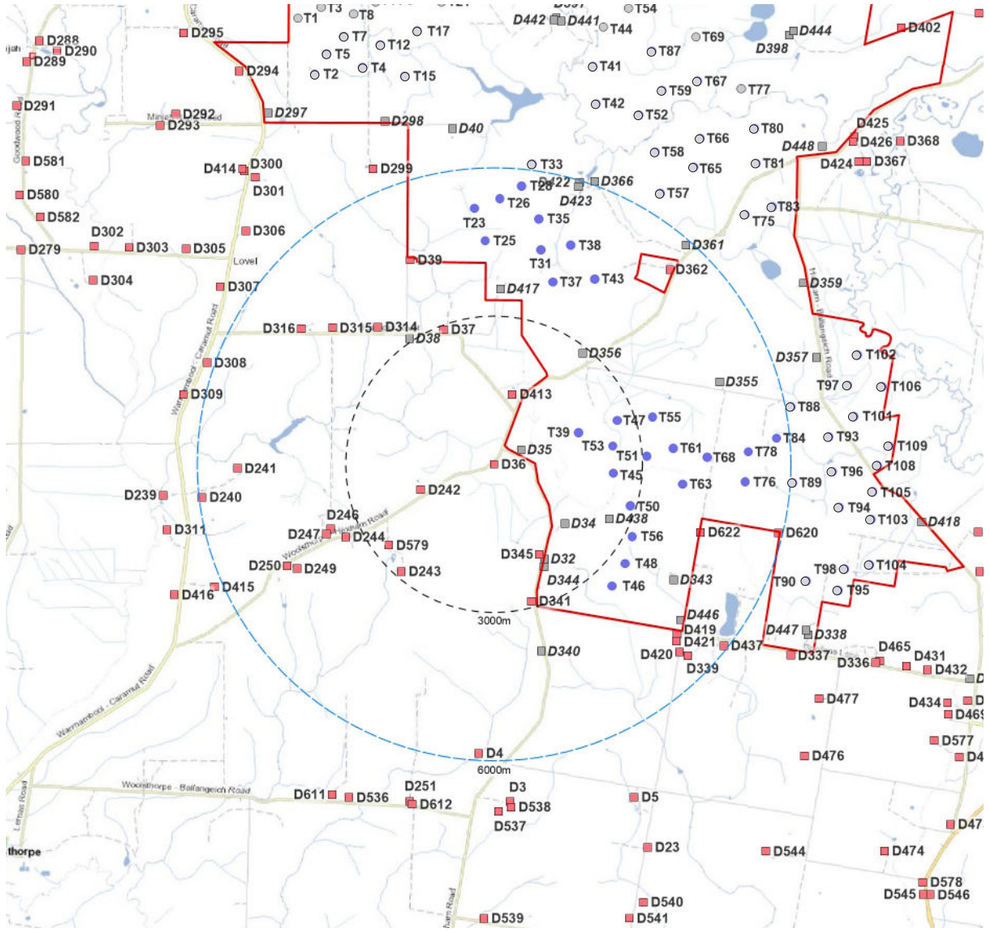
Visual Impact Rating: Low

Assessment Notes:

A site inspection was undertaken in May 2023 at this dwelling and a viewpoint was selected in consultation with the landowner. The wire frame diagram prepared from the dwelling indicates all (106) turbines would be theoretically visible at hub height based on topography alone. The nearest turbine is located approximately 1.81 km away from the dwelling. On inspection it was determined that existing windbreak vegetation and farm outbuildings surrounding the dwelling are likely to limit views towards majority of the Project. The scenic quality of the view from the residence will not be significantly modified due to screening from existing vegetation and associated farm outbuildings. Considering the minimal extent of change, 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

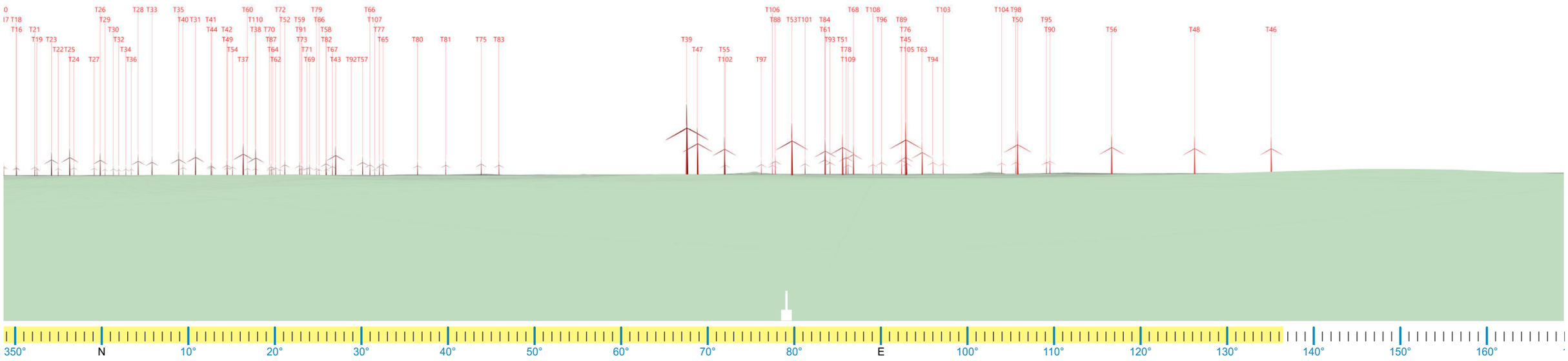
- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location

Aerial Image Source: Google Earth (December 2022)

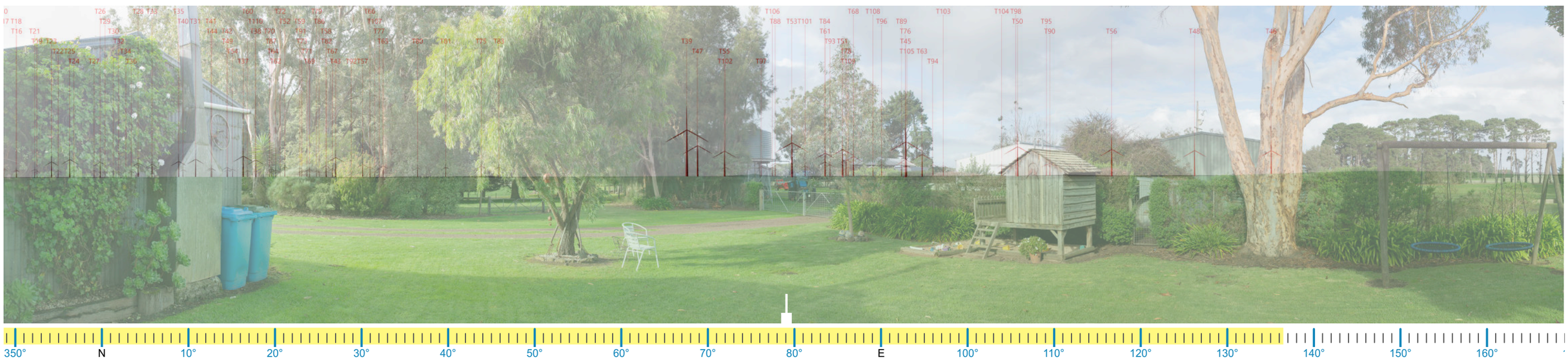
A.1. Dwelling Assessment **Dwelling D36**

Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 106 turbines at hub height are visible.



Existing View - 180 degree field of view



A.2. Dwelling Assessment **Dwelling D37**

DWELLING D37

Nearest proposed turbine (km):	**1.98 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**29**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

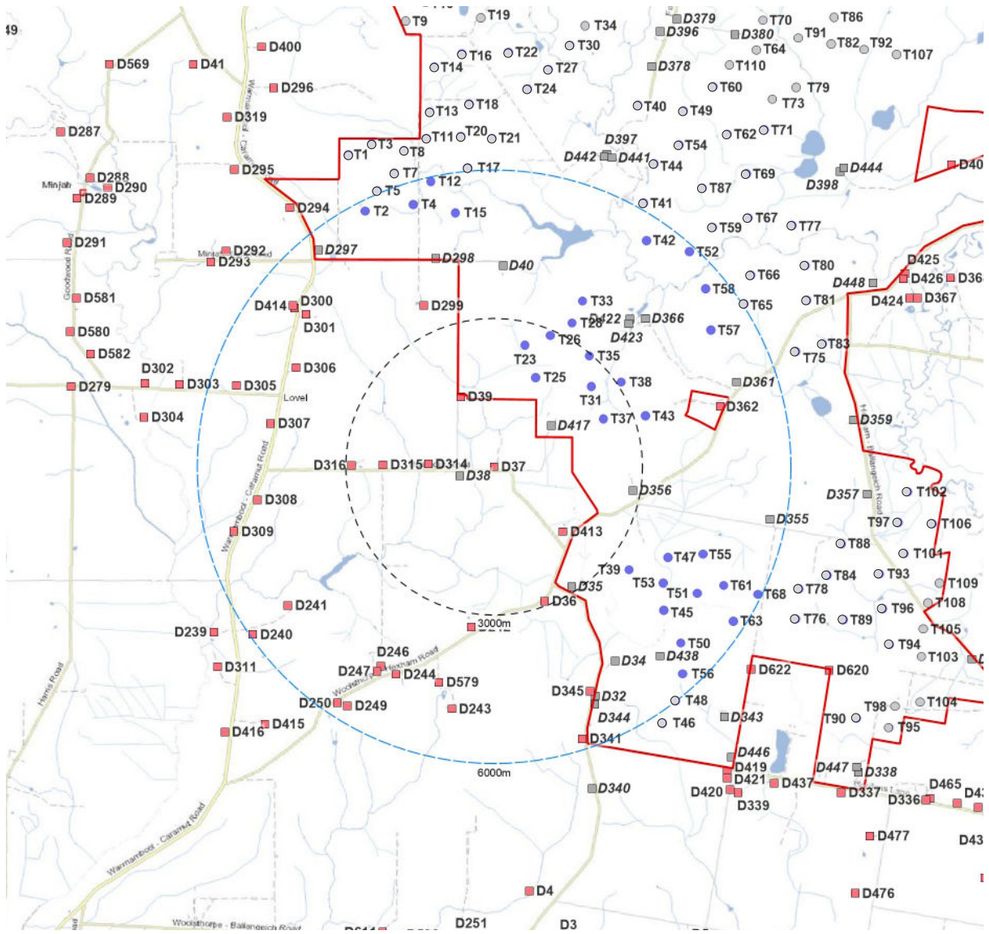
Visual Impact Rating: Low

Assessment Notes:

A site inspection was undertaken in May 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 be visible at hub height based on topography alone. The nearest turbine is located approximately 1.98 km away from the dwelling. On inspection it was determined that existing farm outbuildings and windbreak vegetation along the lot boundary will limit views to the Project in the north, east and southeast. 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***.

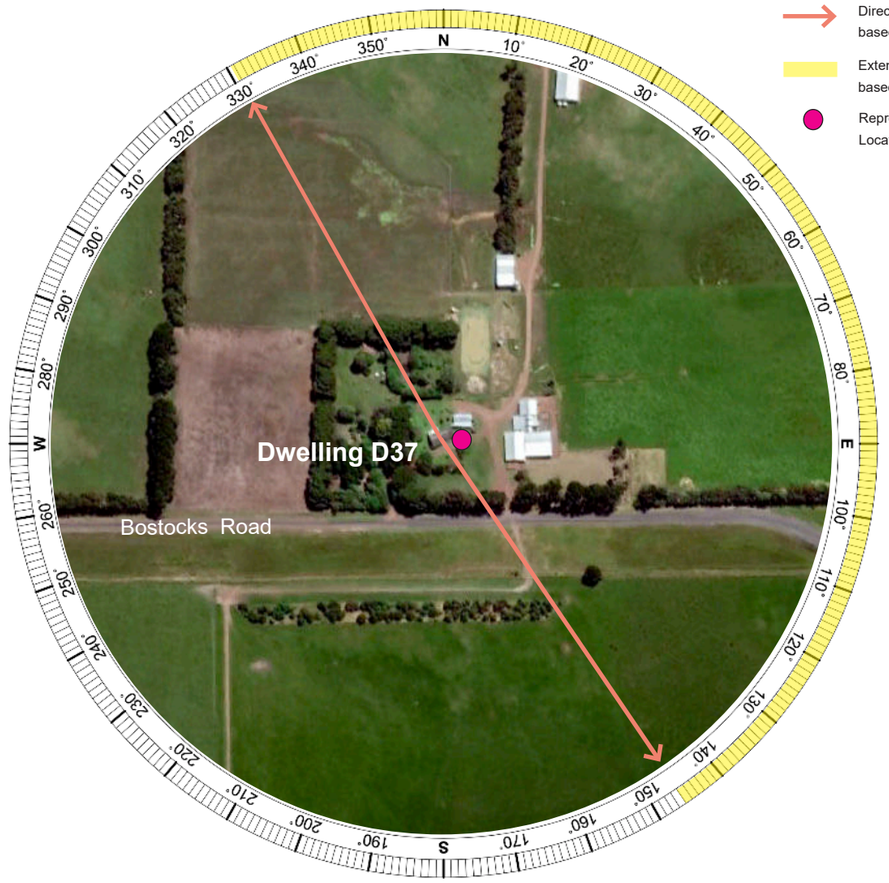
Mitigation Measures:

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

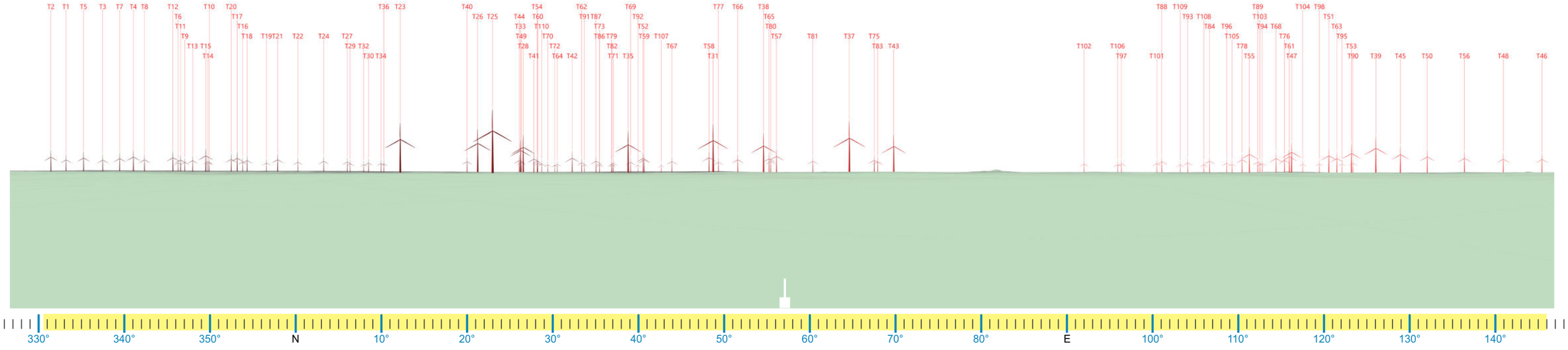
- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location

Aerial Image Source: Google Earth (December 2022)

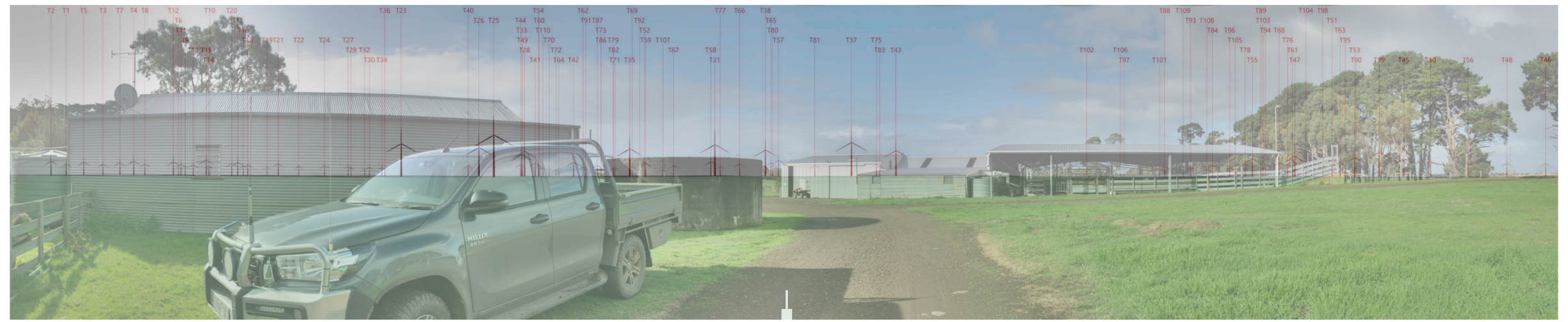
A.2. Dwelling Assessment **Dwelling D37**

Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 106 turbines at hub height are visible.



Existing View - 180 degree field of view



A.3. Dwelling Assessment **Dwelling D39**

DWELLING D39

Nearest proposed turbine (km):	**1.53 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**

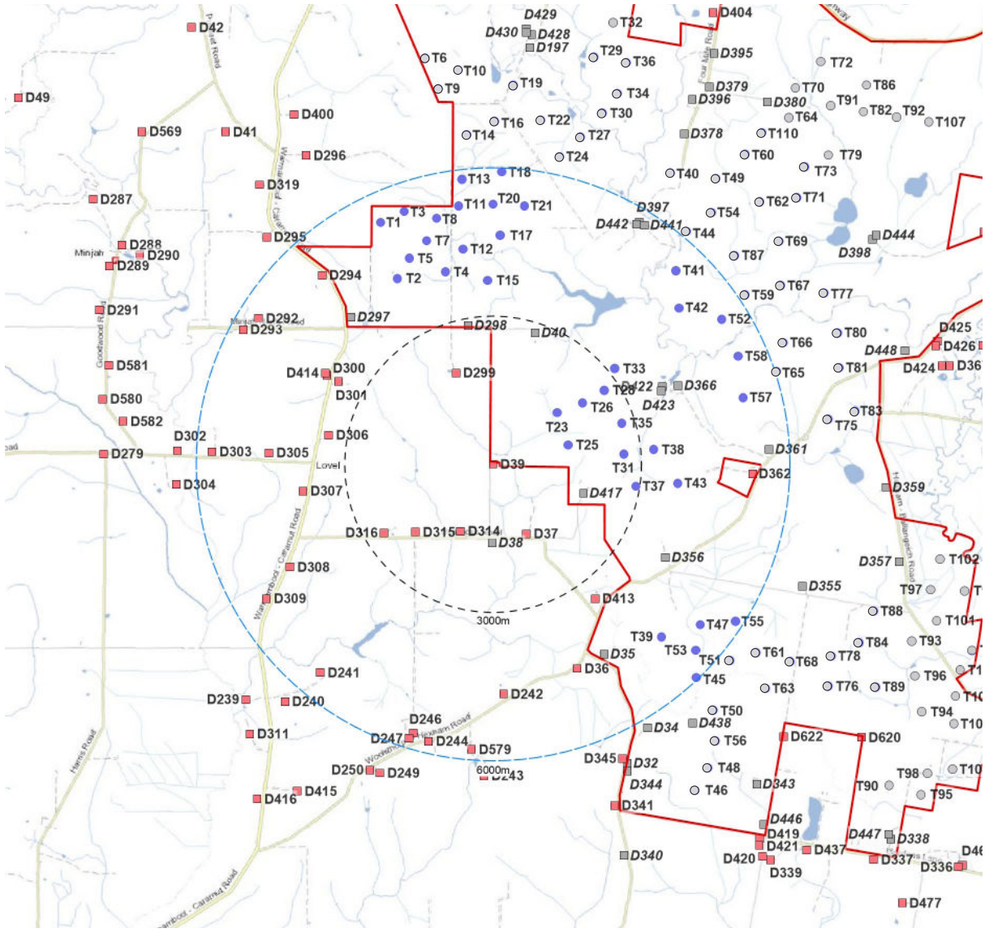
Visual Impact Rating: Moderate

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 at hub height would be visible based on topography alone. The nearest turbine to the dwelling is located approximately 1.53 km away. On inspection it was determined that existing windbreak vegetation along the lot's northern and southern boundaries will limit views to majority of the turbines in these directions. Gaps in existing windbreak vegetation on the eastern side of the dwelling allow views to the closest turbines. It is likely that the Project will have a moderate impact on the existing scenic quality of the view. The visual impact resulting from the Project has been rated as ***Moderate***.

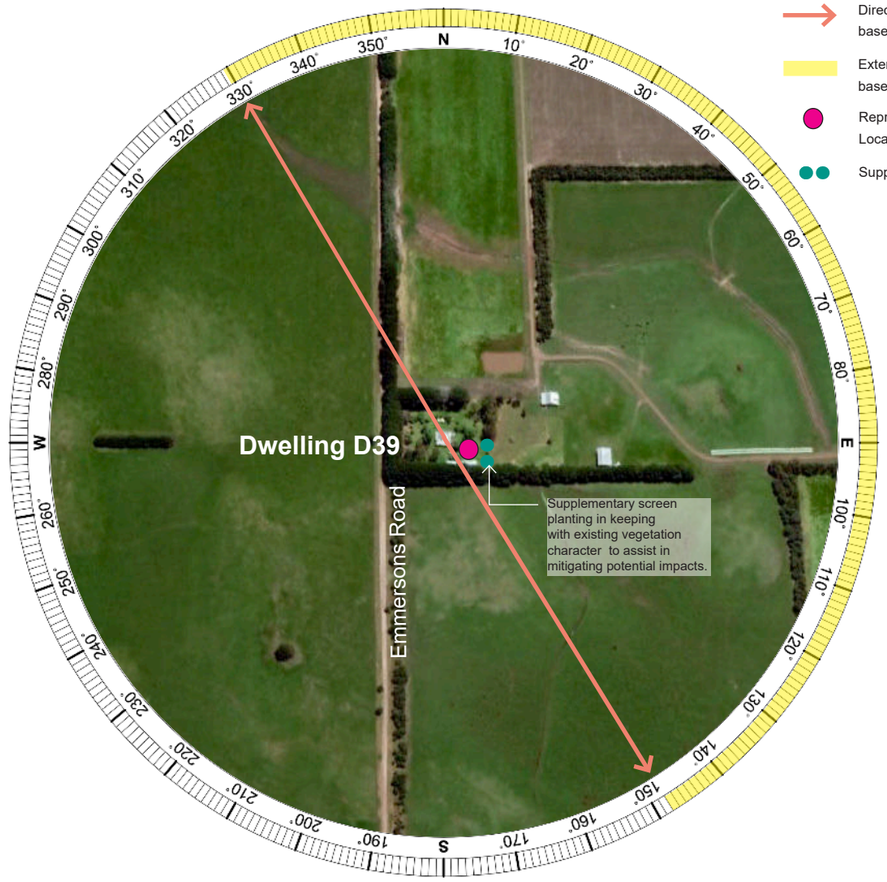
Mitigation Measures:

Turbines within 3 km are likely to be visible at the dwelling. Supplementary screen planting along the eastern 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.



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

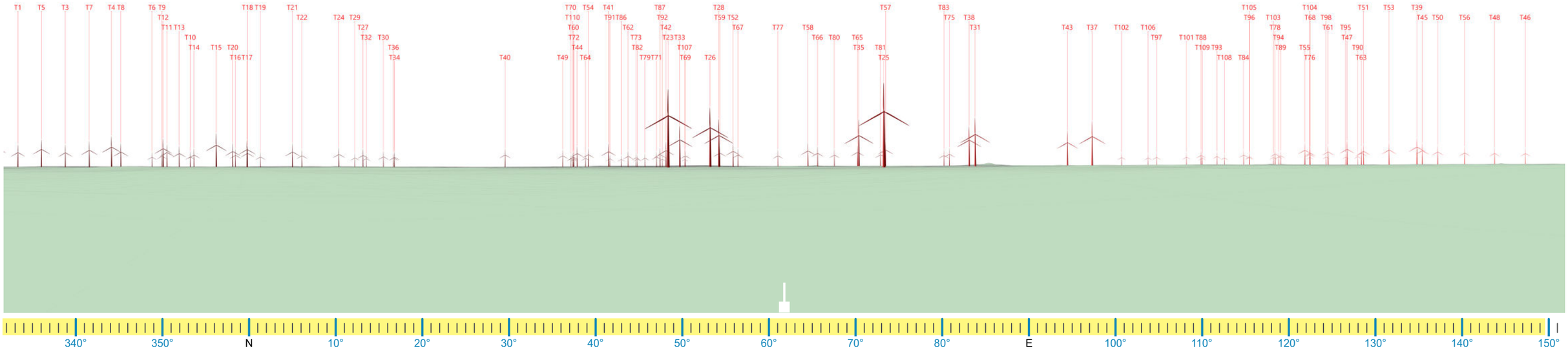
- Direction of visible turbines based on topography
- Extent of visible turbines based on topography
- Representative Viewpoint Location
- Supplementary screening

Aerial Image Source: Google Earth (December 2022)

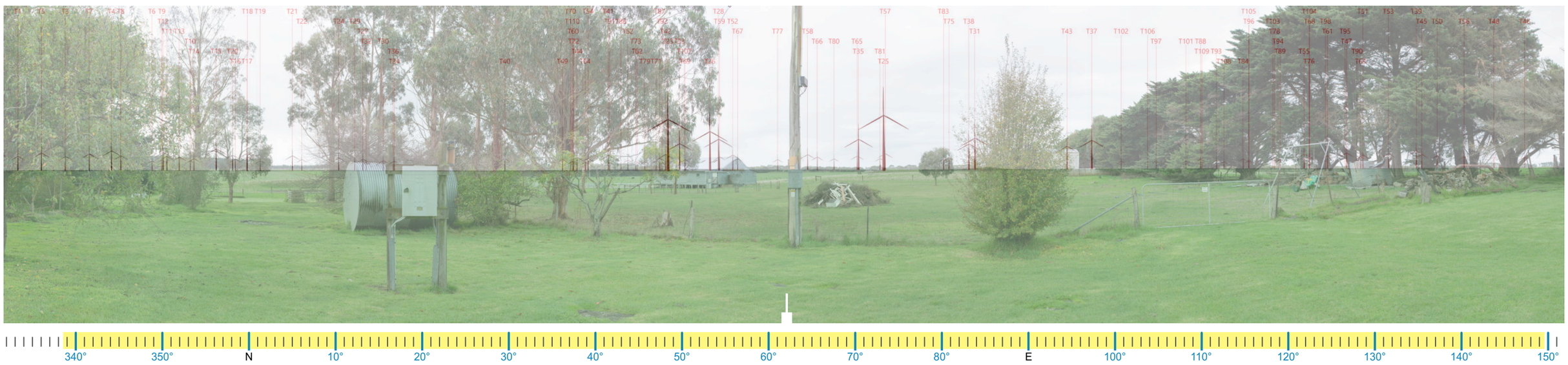
A.3. Dwelling Assessment **Dwelling D39**

Proposed Wire Frame Diagram - 180 degree field of view

Wire Frame Diagram indicates 106 turbines at hub height are visible.



Existing View - 180 degree field of view



A.4. Dwelling Assessment **Dwelling D205**

DWELLING D205

Nearest proposed turbine (km):	**1.63 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**26**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

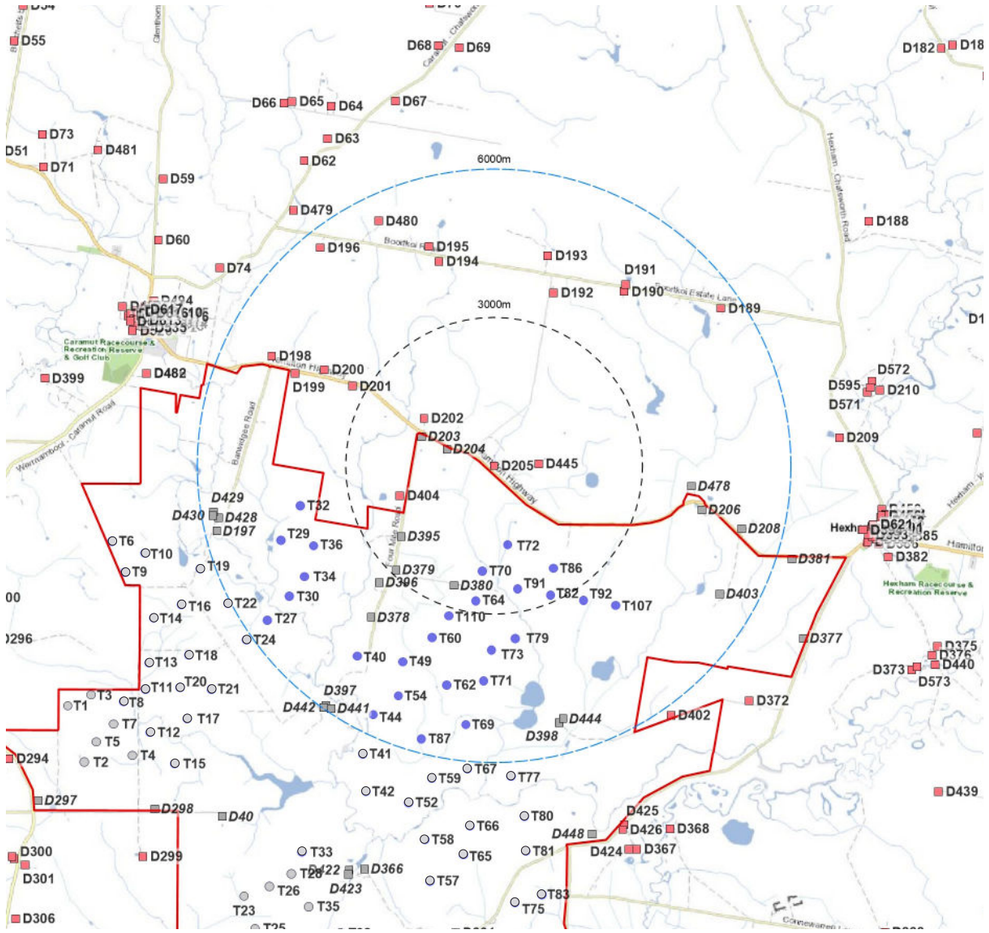
Visual Impact Rating: Low

Assessment Notes:

A site inspection was undertaken in May 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 at hub height would theoretically be visible based on topography alone. The nearest turbine to the dwelling is located approximately 1.63 km away. On inspection it was determined that existing windbreak vegetation along the lot's southern boundary will limit views to majority of the Project including the nearest turbines. Limited intervening elements on the south eastern side of the dwelling will allow views of turbines in up to 30 degrees of the viewshed and therefore it is likely that the Project will have a low impact on the scenic quality of the view. Considering the extent of existing intervening vegetation around the dwelling, the visual impact resulting from the Project has been rated as ***Low***.

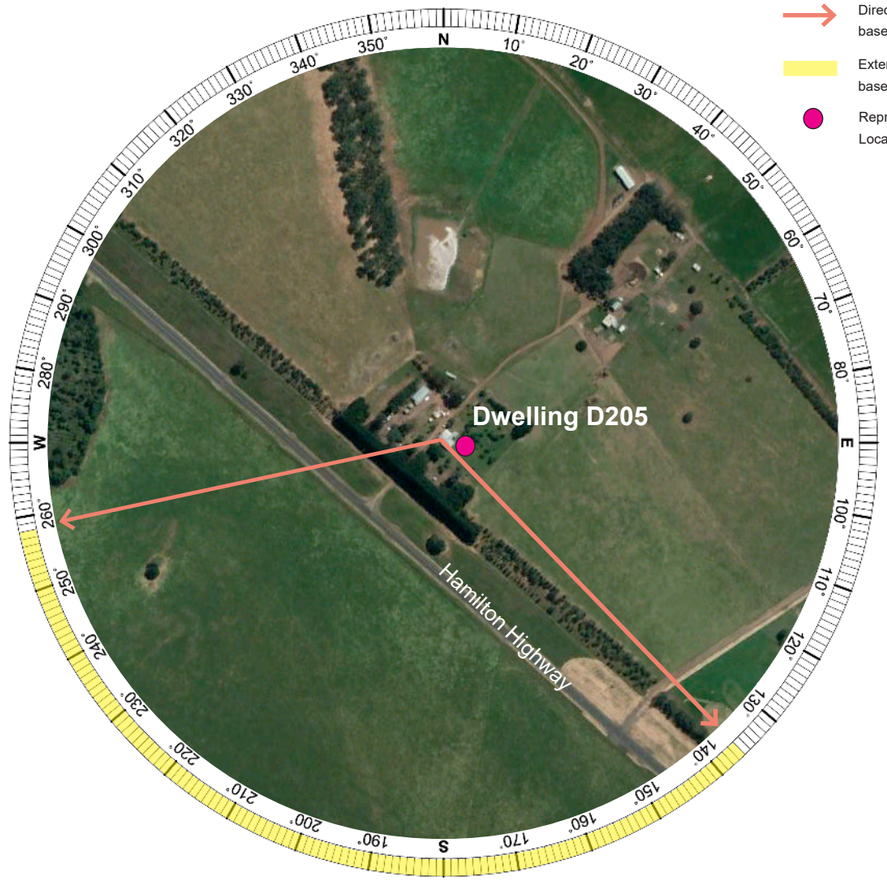
Mitigation Measures:

Existing vegetation will screen view to majority of the turbines. Mitigation is not 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



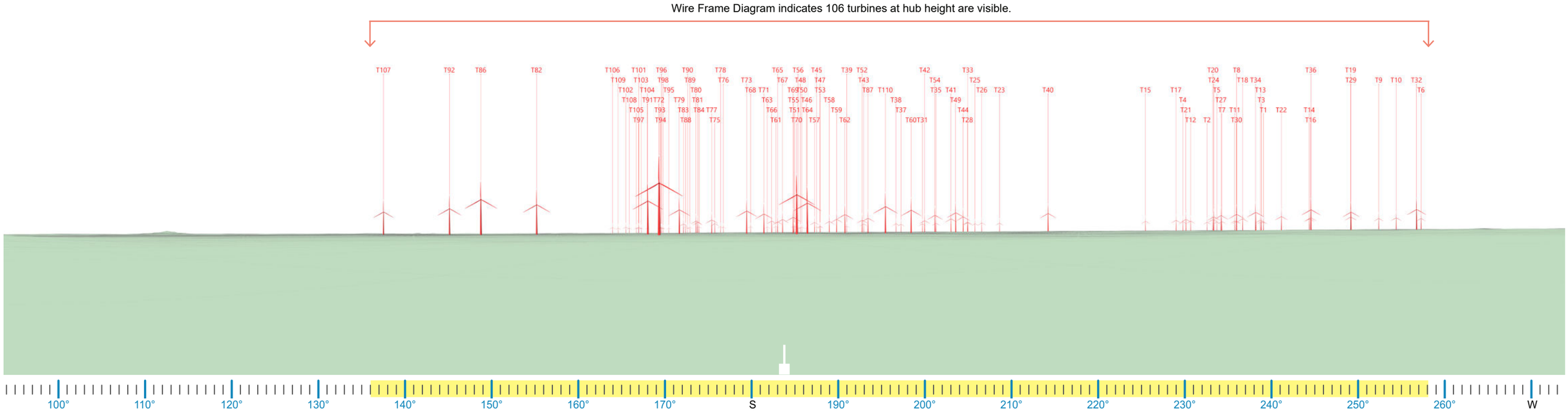
LEGEND

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

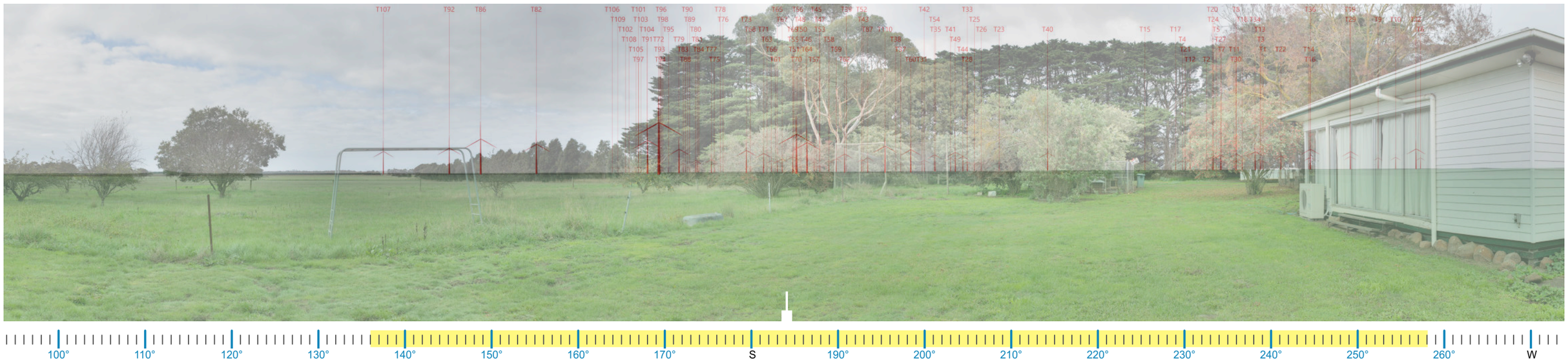
Aerial Image Source: Google Earth (November 2021)

A.4. Dwelling Assessment **Dwelling D205**

Proposed Wire Frame Diagram - 180 degree field of view



Existing View - 180 degree field of view



A.5. Dwelling Assessment **Dwelling D294**

DWELLING D294

Nearest proposed turbine (km):	**1.50 km**	**Viewer Sensitivity:**	**Moderate**
Number of proposed turbines within 6,000m of the dwelling:	**26**	**Scenic Quality Rating:**	**Low**
Number of potentially visible turbines (Based on topography alone)	**106** All at hub	**Landscape Character Unit:**	**LCU01**

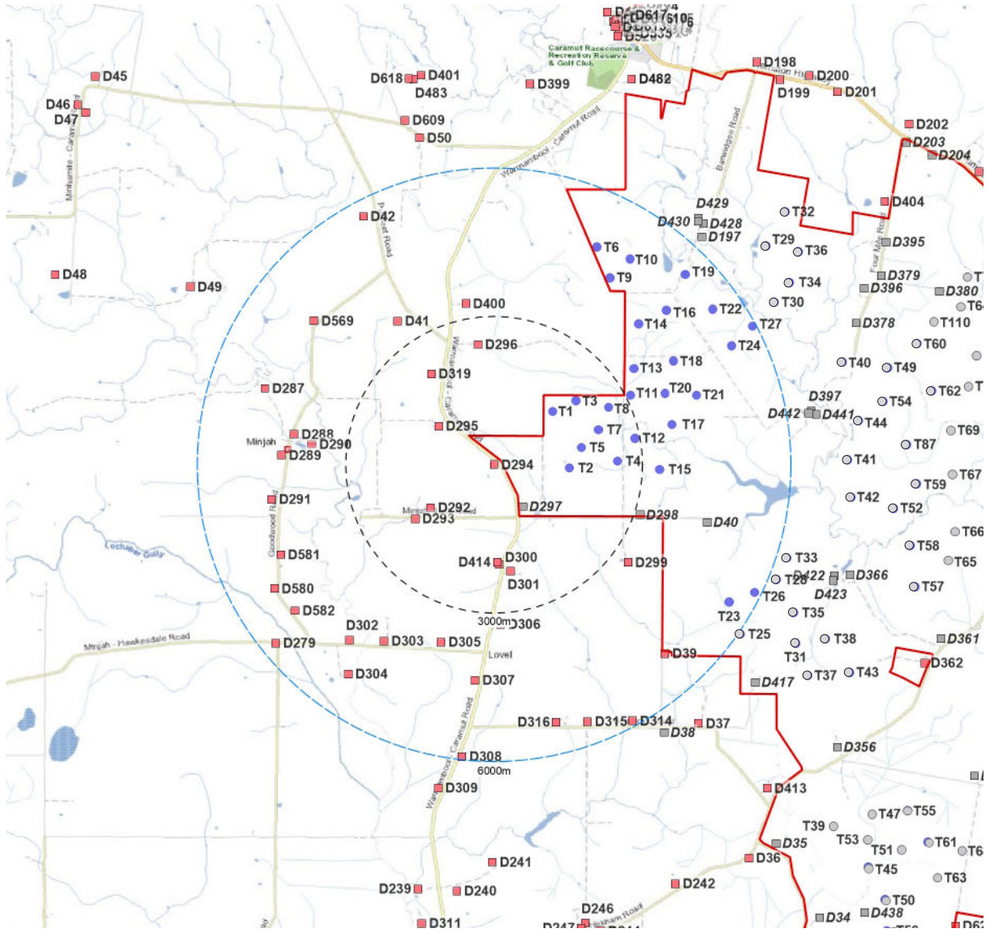
Visual Impact Rating: Low

Assessment Notes:

A site inspection was undertaken in 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 1.50 km away from the dwelling. On inspection it was determined that existing vegetation in the dwelling's foreground will limit views to the Project. Gaps in existing vegetation on the eastern side of the dwelling will allow views of turbines in up to 20 degrees of the viewshed and therefore it is likely that the Project will have a low impact on the scenic quality of the view. Considering the extent of existing intervening vegetation in the dwelling's foreground, the visual impact resulting from the Project has been rated as ***Low***.

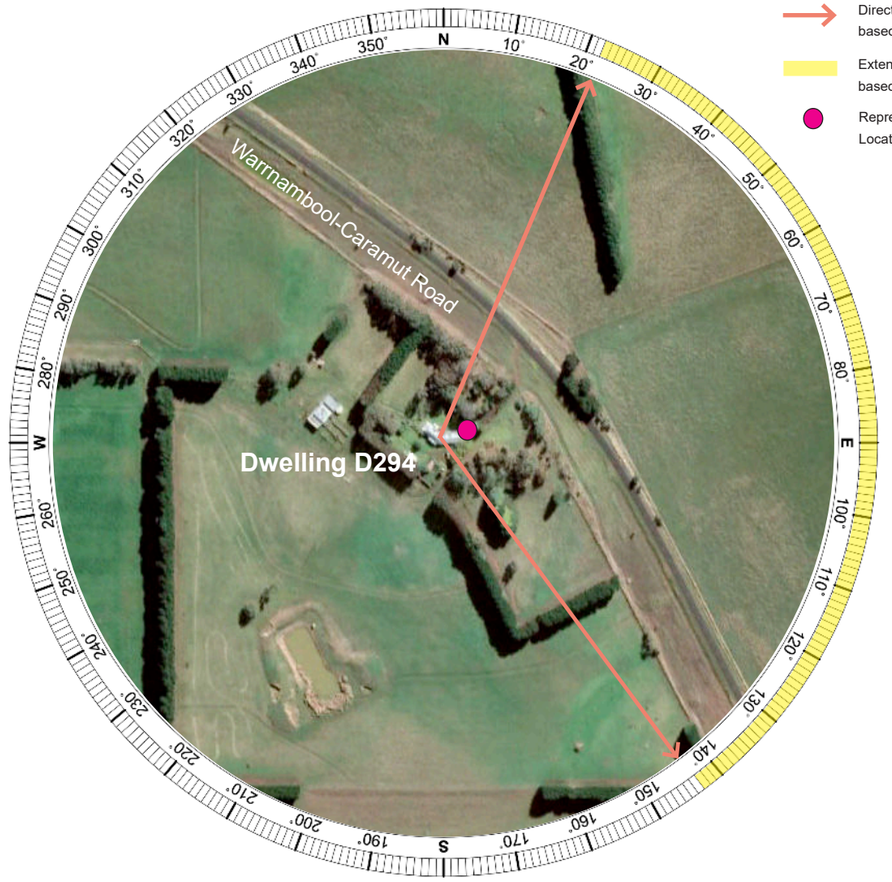
Mitigation Measures:

Existing vegetation will screen view to majority of the turbines. Mitigation is not 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 (May 2022)