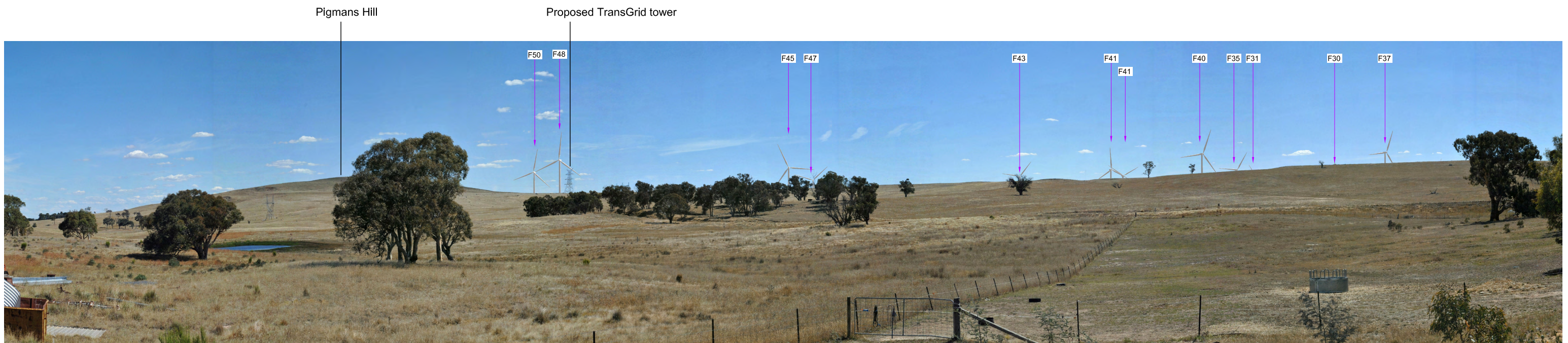
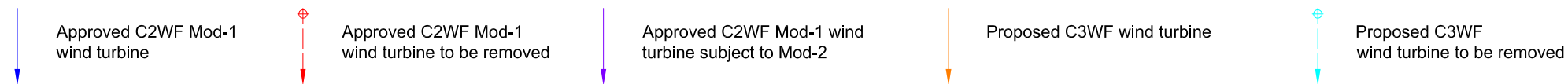


Photomontage 7a Valdarman Hill dwelling - View south to west north west from Valdarman Hill dwelling toward the approved C2WF Mod-1 wind turbine layout. This photomontage illustrates the approved CWWF Mod-1 wind turbine layout at the 128 metre tip height.



Photomontage 7b Valdarman Hill dwelling - View south to west south west from Valdarman Hill dwelling toward the proposed C2WF Mod-2 Wind Farm layout. This photomontage illustrates the proposed C2WF Mod-2 wind turbine layout at the 160 metre tip height.



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Figure 15a - Photomontage 7
Valdarman Hill dwelling including
wind turbine identification labels

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Crookwell 2 Wind Farm Mod-2 Visual Impact Assessment

170° 180° 190° 200° 210° 220° 230° 240° 250° 260° 270° 280° 290°
 S SSW SW WSW W



Photomontage 7c Valdarman Hill dwelling - View south to west north west from Valdarman Hill dwelling toward the approved C2WF Mod-1 wind turbine layout. This photomontage illustrates the approved C2WF Mod-1 at the 128 metre tip height and the approved C2WF Mod-1 turbines to be removed.



Photomontage 7d Valdarman Hill dwelling - View south to west south west from Valdarman Hill dwelling toward the proposed C2WF Mod-2 wind turbine layout. This photomontage illustrates the proposed C2WF Mod-2 wind turbine layout at the 160 metre tip height.

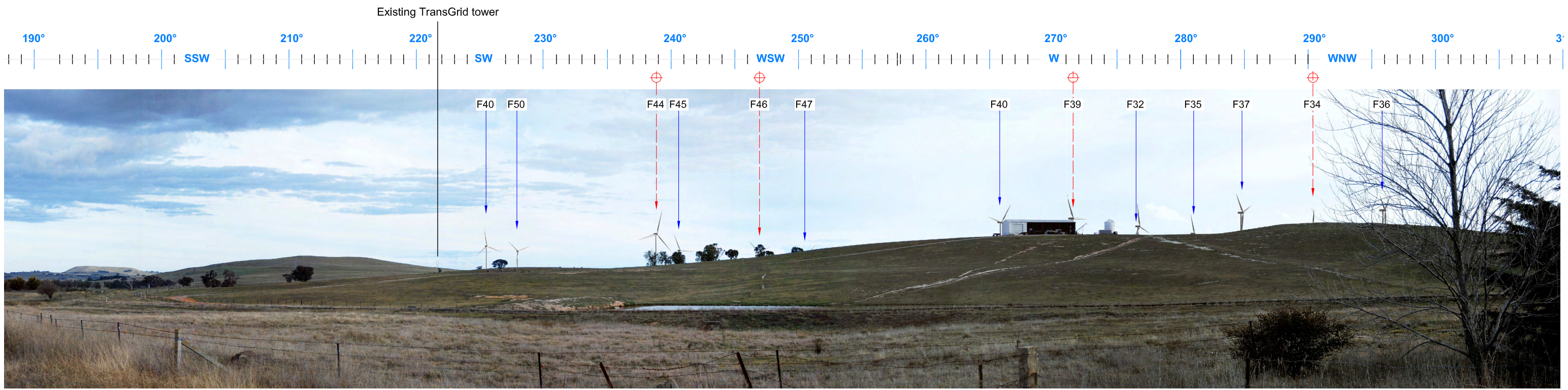
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Figure 15b - Photomontage 7
 Valdarman Hill dwelling without
 wind turbine identification labels

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Photomontage 8a Woodhouselee Road - View south to west north west from Woodhouselee Road toward the approved C2WF Mod-1 wind turbine layout. This photomontage illustrates the approved C2WF Mod-1 wind turbine layout at the 128 metre tip height and the C2WF Mod-1 wind turbines to be removed.



Photomontage 8b Woodhouselee Road - View south to west south west from Woodhouselee Road toward the C2WF Mod-2 layout. This photomontage illustrates the proposed C2WF Mod-2 wind turbine layout at the 160 metre tip height.

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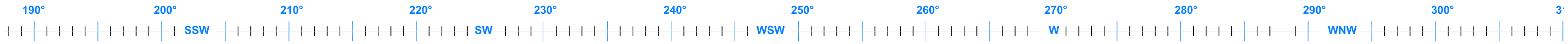
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Figure 16a - Photomontage 8
Woodhouselee Road including
wind turbine identification labels

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Photomontage 8c Woodhouselee Road - View south to west north west from Woodhouselee Road toward the approved C2WF Mod-1 wind turbine layout. This photomontage illustrates the approved C2WF Mod-1 wind turbine layout at the 128 metre tip height and the C2WF Mod-1 wind turbines to be removed.



Photomontage 8d Woodhouselee Road - View south to west south west from Woodhouselee Road toward the C2WF Mod-2 wind turbine layout. This photomontage illustrates the proposed C2WF Mod-2 wind turbine layout at the 160 metre tip height.

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Figure 16b - Photomontage 8
Woodhouselee Road dwelling
without wind turbine identification
labels

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10 Conditions of Consent

10.1 Introduction

The C2WF original application and Mod-1 Conditions of Consent have been reviewed as part of this VIA to determine the type and extent of additional mitigation measures that would be required, or should be modified as a result of the proposed Mod-2 amendments.

10.2 Review of Conditions of Consent

The following Table outlines the existing Conditions relevant to mitigate the potential visual effects of the C2WF proposed Mod-2.

Table 7 Conditions of Consent

Condition	Description	Comment
Condition 5 (a) (b) (c)	Provision of information for an additional development consent for wind turbines F13, F14 and F15 (Stage 2).	Wind turbines F13, F14 and F15 were removed from the wind farm at the Mod-1 application stage, therefore no additional works with regard to wind turbines F13, F14 and F15 are considered necessary.
Condition 6 (a) (b)	Provision of additional information on wind turbine F49 with regard to potential visual impact, including preparation of photomontages from key viewpoints and residential dwellings.	Wind turbine F49 was removed from the wind farm at the Mod-1 application stage, therefore no additional works with regard to wind turbine F49 are considered necessary.
Condition 7	Preparation of documents to address issues associated with wind turbines F49, F13-F15.	Wind turbines F49, F13, F14 and F15 were removed from the wind farm at the Mod-1 application stage, therefore no additional works with regard to wind turbines F49, F13, F14 and F15 are considered necessary.
Conditions 32, 33, 34, 35 and 36	Requirements for on-site and off-site landscape works, painting wind turbines and advertising or signage on wind turbines.	These conditions remain valid.
Condition 37	Control of off-site lighting impacts.	This condition remains valid.
Condition 38	Obstacle lighting and low level security lighting.	This condition remains valid. The Proponent is seeking approval for the installation of one additional wind turbine obstacle light in accordance with recommendations provided in the Aeronautical Impact Assessment Crookwell 2 Wind Farm.

11 Conclusion

The determination for a potential increase to visual effects associated with the approved C2WF Mod-1 has been based upon a professional judgement in consideration of:

- the proposed amendments to the wind turbine layout
- the removal of up to 13 approved C2WF Mod-1 wind turbines
- the blade length (and tip height difference) between approved C2WF Mod-1 and proposed Mod-2 wind turbines
- the overall visibility and visual scale of the C2WF Mod-2 wind turbines and
- the C2WF Mod-2 magnitude of visual effect compared to the approved Mod-1 wind turbines.

This VIA has illustrated the approved C2WF Mod-1 against the proposed C2WF Mod-2 wind turbine layout and concludes that the removal of up to thirteen approved C2WF Mod-1 wind turbines, including wind turbines within proximity to the Crookwell-Goulburn Road corridor, would result in an overall reduction in wind turbine visibility for key non associated residential dwellings surrounding the C2WF development and for motorists travelling along the Crookwell-Goulburn Road.

The removal of up to thirteen approved C2WF Mod-1 wind turbines would also reduce visual density of wind turbines, as well as levels of visual complexity created by multiple overlapping rotor blades when viewed from key surrounding view locations.

The proposed increase in wind turbine tip height would be discernible from some surrounding and proximate view locations where views toward the approved C2WF Mod-1 wind turbines exist. The C2WF Mod-2 wind turbine is not considered to be of a magnitude that would significantly increase visual effects associated with the approved C2WF Mod-1 development.