



Legend

- Site Boundary
- Proposed Wind Turbine
- 10km radius buffers
- 30km radius Study Area
- 45km radius Search Area

Zone of Theoretical Visibility (ZTV)

- Not Visible
- Hub Height
- Blade Tip Height
- Viewpoint

- 1 - Minor Road near Cornish Hill
- 2 - NCN7 south-west of Knockinculloch
- 3 - West of South Balloch, Nether Barr
- 4 - Minor road between Dailly and Barr
- 5 - Shalloch on Minnoch
- 6 - Newton Stewart Road, Straiton
- 7 - B741, Dailly
- 8 - Colonel Hunter Blair Monument
- 9 - Dalhowan Street, Crosshill
- 10 - Blairquhan, Kirkmichael Road
- 11 - North Threave
- 12 - B734, Auchensoul Hill
- 13 - A77 near Maybole
- 14 - Craigengillan Dark Sky Observatory
- 15 - Merrick
- 16 - Riecawr Avenue, Bellsbank
- 17 - A713 east of Loch Doon
- 18 - A713 and B742 Road Junction
- 19 - Brown Carrick Hills
- 20 - Knockdolian summit
- 21 - Chirmorie Cairn
- 22 - Blackraig Hill
- 23 - Craigenallie, Straiton
- 24 - Cairnsmore of Carsphairn

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0 10 20 Km

D	08/10/2021	JO	Fourth Issue.
C	26/11/2020	PM	Third Issue.
B	30/10/2020	PM	Second Issue.
A	13/10/2020	PM	First Issue.
Rev	Date	By	Comment



Carrick Windfarm
 Figure 5.1a: Blade Tip and Hub Height Zone of Theoretical Visibility (A1)

Drg No	Carrick-WSP-I-074
Rev	D
Date	21/10/2021
Scale	1:175,000 @ A1

Note:
 The ZTV is calculated to turbine tip height (200m) and Hub height (125m) from a viewing height of 2m above ground level.

The terrain model assumes bare ground and is derived from OS Terrain 5 and OS Terrain 50 height data.

Earth curvature and atmospheric refraction have been taken into account.