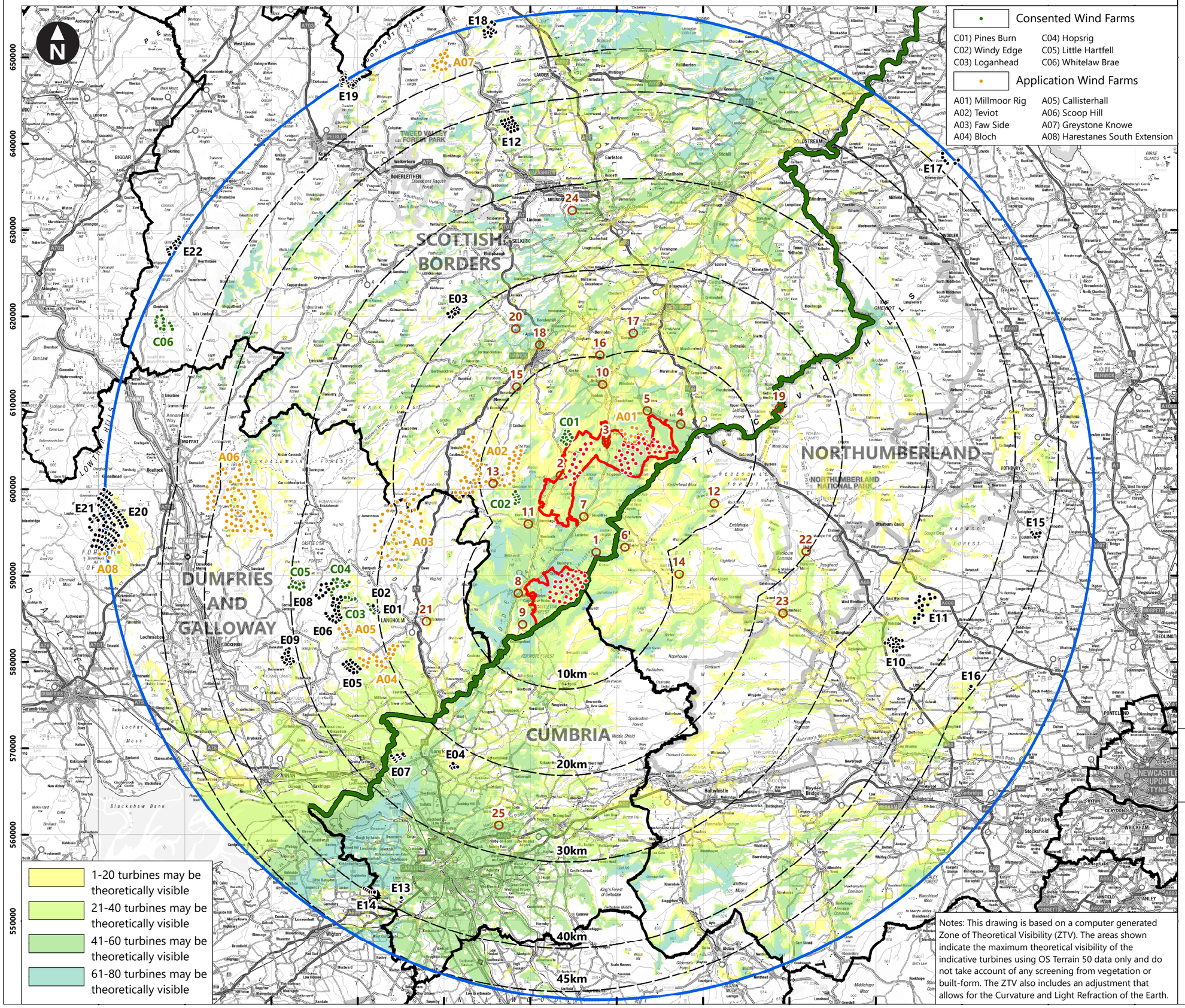

Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the indicative turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth.

Key

Consented Wind Farms

C01) Pines Burn
C02) Windy Edge
C03) Loganhead
C04) Hopsrig
C05) Little Hartfell
C06) Whitelaw Brae

Application Wind Farms

A01) Millmoor Rig
A02) Teviot
A03) Faw Side
A04) Bloch
A05) Callisterhall
A06) Scoop Hill
A07) Greystone Knowe
A08) Harestanes South Extension

Indicative turbine locations

Landscape and Visual Study Area

Note: The study area is based on a 57,278m radius circle that allows a minimum of 45km distance from each of the indicative turbine locations

Local authority boundaries

Lines indicating the distance from the indicative turbine locations

Scotland / England Border

Site Boundary

Existing Wind Farms

E01) Craig
E02) Craig Extension
E03) Langhope Rig
E04) Hallburn
E05) Solwaybank
E06) Ewe Hill
E07) Beck Burn
E08) Crossdykes
E09) Minsca
E10) Green Rigg
E11) Ray
E12) Halkburn (Long Park)
E13) Orton Park Farm
E14) Great Orton
E15) Wingates
E16) Kirkheaton
E17) Barmoor
E18) Toddleburn
E19) Bowbeat
E20) Minnygap
E21) Harestanes
E22) Glenkerie

Proposed Viewpoint Locations

1) Larriston Fell
2) B6399 northeast of Whitrope Cottages
3) B6357 south of Hyndlee
4) A6088 east of Carter Bar
5) A6088 Southdean
6) Kielder Observatory
7) B6357 at Saughtree
8) B6357 Newcastleton Village
9) Carby Hill
10) A6088 NW of Bonchester Bridge
11) Hermitage Castle
12) Blakehope Knick
13) Cauldcleuch Head
14) Kielder Water
15) St. Leonard's Park, South of Hawick
16) Rubers Law
17) Black Law
18) A7 north of Hawick
19) Brownhart Law
20) Drinkstone Hill
21) Malcolm Monument, Whita Hill
22) Paidon Hill
23) Road Junction at Lanehead
24) Eildon Hills
25) Hadrian's Wall Path

Notes:
This figure has been based on the following parameters:

Turbine layout file:	LLIDDESDALE008.WFL
Hub height:	165m
Rotor diameter	170m
Height to blade tip:	250m

0 5 10 15 20 25 km

Scale at A3: 1:425,000

© Crown Copyright. All rights reserved. Licence number AL100001776.

Client

Figure 5.1a
LVIA Study Area and ZTV of Proposed Development (to Blade Tip)

Liddesdale Wind Farm
Scoping Report

June 2023

C:\Users\craig.wilson\OneDrive - WSP O365\ArcGIS\Liddesdale\ArcGIS\MXD\2023-05 Scoping\Figure 5.1a A3 ZTV 62282673-WSPE-FG-SA-00001_R7.mxd Originator: wilsc03