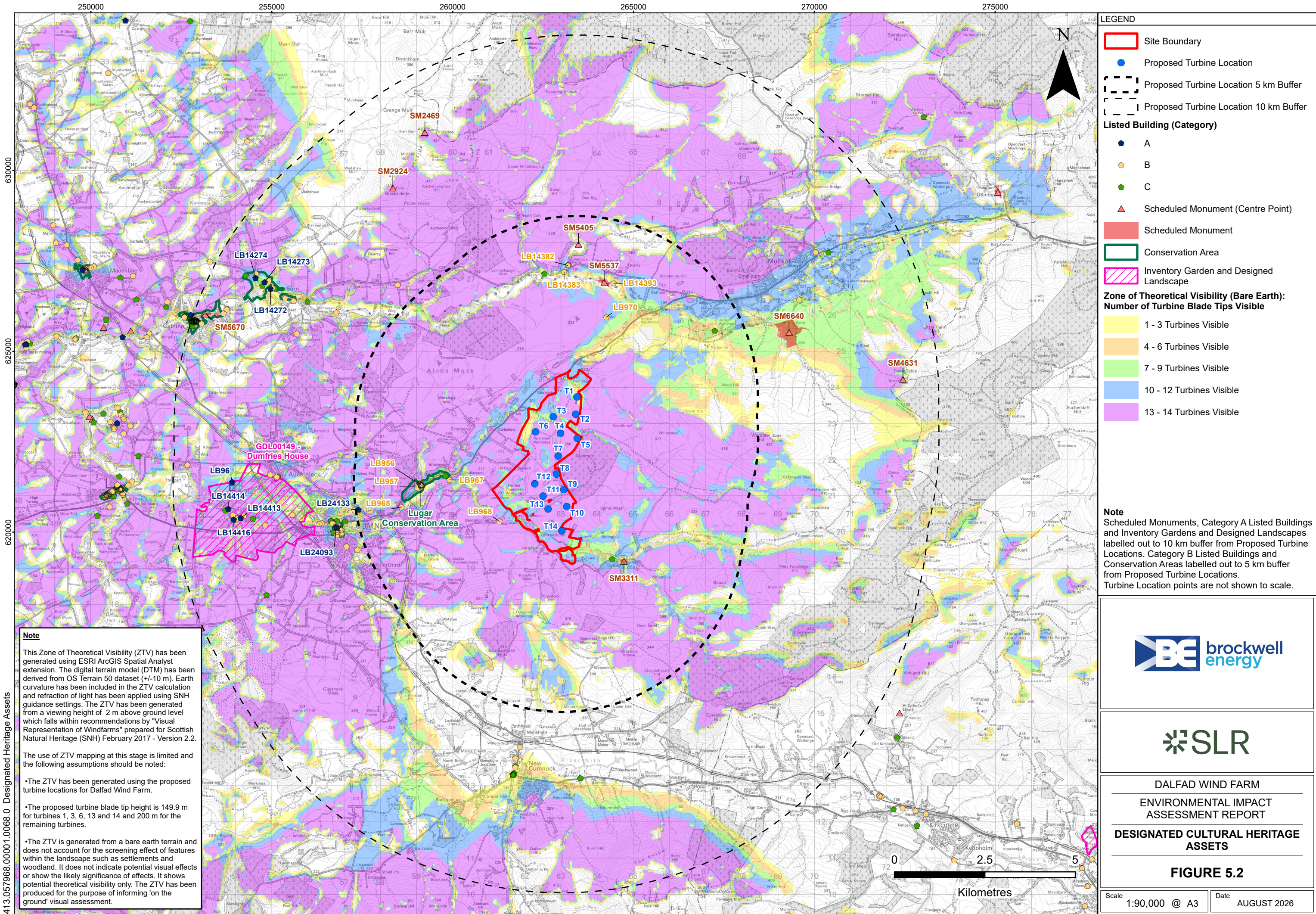




Note

This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension. The digital terrain model (DTM) has been derived from OS Terrain 50 dataset (+/-10 m). Earth curvature has been included in the ZTV calculation and refraction of light has been applied using SNH guidance settings. The ZTV has been generated from a viewing height of 2 m above ground level which falls within recommendations by "Visual Representation of Windfarms" prepared for Scottish Natural Heritage (SNH) February 2017 - Version 2.2.

The use of ZTV mapping at this stage is limited and the following assumptions should be noted:

- The ZTV has been generated using the proposed turbine locations for Dalriad Wind Farm.
- The proposed turbine blade tip height is 149.9 m for turbines 1, 3, 6, 13 and 14 and 200 m for the remaining turbines.
- The ZTV is generated from a bare earth terrain and does not account for the screening effect of features within the landscape such as settlements and woodland. It does not indicate potential visual effects or show the likely significance of effects. It shows potential theoretical visibility only. The ZTV has been produced for the purpose of informing 'on the ground' visual assessment.

- LEGEND**
- Site Boundary
 - Proposed Turbine Location
 - Proposed Turbine Location 5 km Buffer
 - Proposed Turbine Location 10 km Buffer
 - Listed Building (Category)**
 - A
 - B
 - C
 - Scheduled Monument (Centre Point)
 - Scheduled Monument
 - Conservation Area
 - Inventory Garden and Designed Landscape
 - Zone of Theoretical Visibility (Bare Earth): Number of Turbine Blade Tips Visible**
 - 1 - 3 Turbines Visible
 - 4 - 6 Turbines Visible
 - 7 - 9 Turbines Visible
 - 10 - 12 Turbines Visible
 - 13 - 14 Turbines Visible

Note

Scheduled Monuments, Category A Listed Buildings and Inventory Gardens and Designed Landscapes labelled out to 10 km buffer from Proposed Turbine Locations. Category B Listed Buildings and Conservation Areas labelled out to 5 km buffer from Proposed Turbine Locations. Turbine Location points are not shown to scale.



DALFAD WIND FARM
ENVIRONMENTAL IMPACT
ASSESSMENT REPORT
DESIGNATED CULTURAL HERITAGE
ASSETS

FIGURE 5.2

Scale 1:90,000 @ A3 Date AUGUST 2026