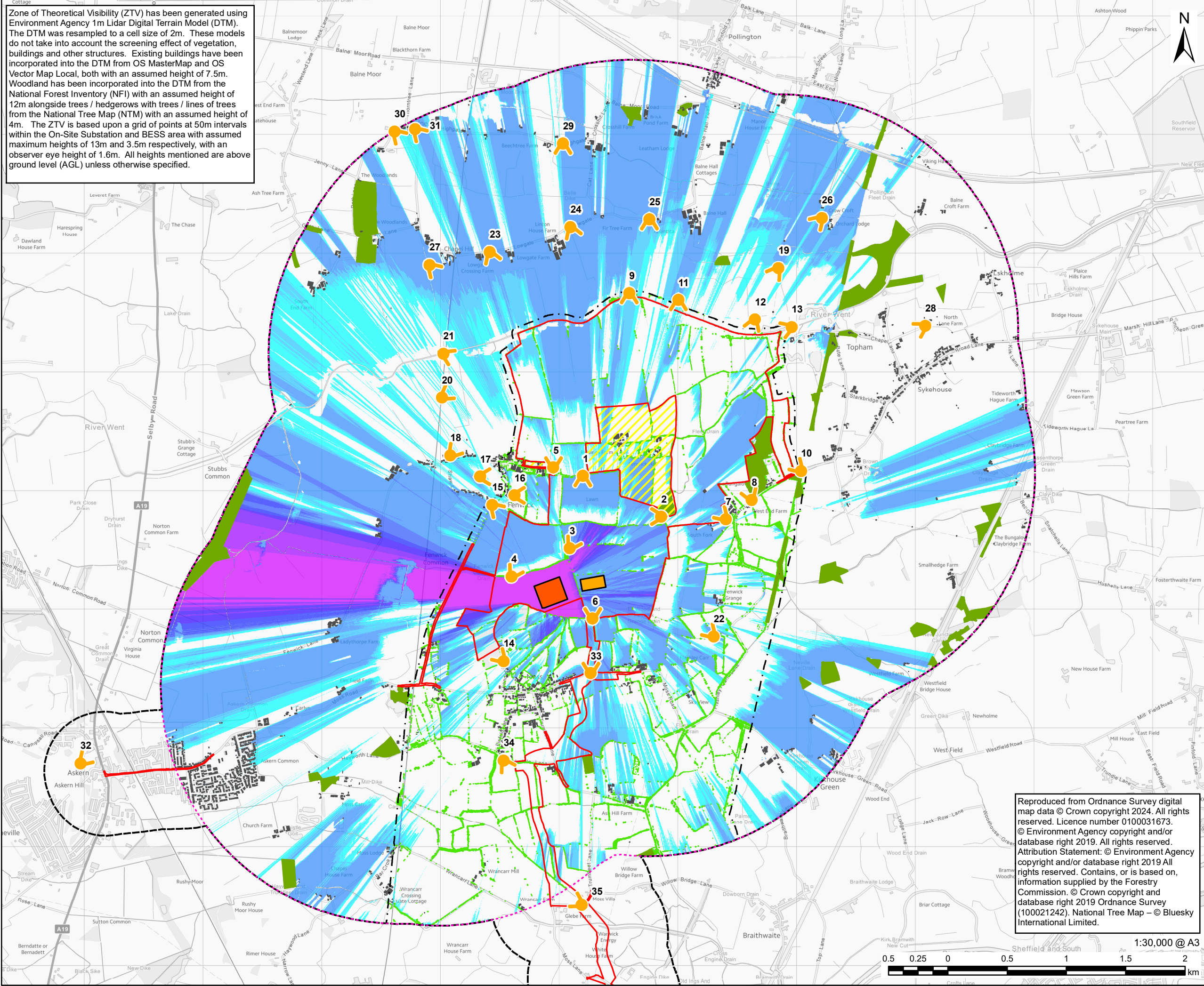


Zone of Theoretical Visibility (ZTV) has been generated using Environment Agency 1m Lidar Digital Terrain Model (DTM). The DTM was resampled to a cell size of 2m. These models do not take into account the screening effect of vegetation, buildings and other structures. Existing buildings have been incorporated into the DTM from OS MasterMap and OS Vector Map Local, both with an assumed height of 7.5m. Woodland has been incorporated into the DTM from the National Forest Inventory (NFI) with an assumed height of 12m alongside trees / hedgerows with trees / lines of trees from the National Tree Map (NTM) with an assumed height of 4m. The ZTV is based upon a grid of points at 50m intervals within the On-Site Substation and BESS area with assumed maximum heights of 13m and 3.5m respectively, with an observer eye height of 1.6m. All heights mentioned are above ground level (AGL) unless otherwise specified.



PROJECT
Fenwick Solar Farm

CLIENT
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CONSULTANT
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LEGEND

- Order limits
- Land not included in the Order limits
- Landscape and Visual Amenity Study Area (2km Buffer of the Solar PV Site and 500m Buffer of the Grid Connection Corridor and Site Access)
- Extent of ZTV Analysis
- 👤 Viewpoint Location (rotated to indicate direction)
- On-Site Substation
- BESS Area
- National Forest Inventory (NFI) - Assumed Height 12m
- National Tree Map (NTM) - Assumed Height 4m
- Extent of NTM Data
- Existing Building / Structure - Assumed Height 7.5m

Zone of Theoretical Visibility (ZTV) - Degree of Maximum Visibility

- 1 - 10%
- 11 - 20%
- 21 - 30%
- 31 - 40%
- 41 - 50%
- 51 - 60%
- 61 - 70%
- 71 - 80%
- 81 - 90%
- 91 - 100%

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ISSUE PURPOSE
Environmental Statement

PROJECT NUMBER
60698207

FIGURE TITLE
Screened Zone of Theoretical Visibility - On-Site Substation and BESS Area

FIGURE NUMBER
Figure 10-7

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