

**Tillbridge Solar Project
EN010142**

**Volume 6
Environmental Statement**

**Figure 18-3: Combined ZTV of the Scheme's Solar Panel Area
Barrier ZTV within 5km Buffer and Cottam's Solar Panel Area
Barrier ZTV within 5km Buffer**

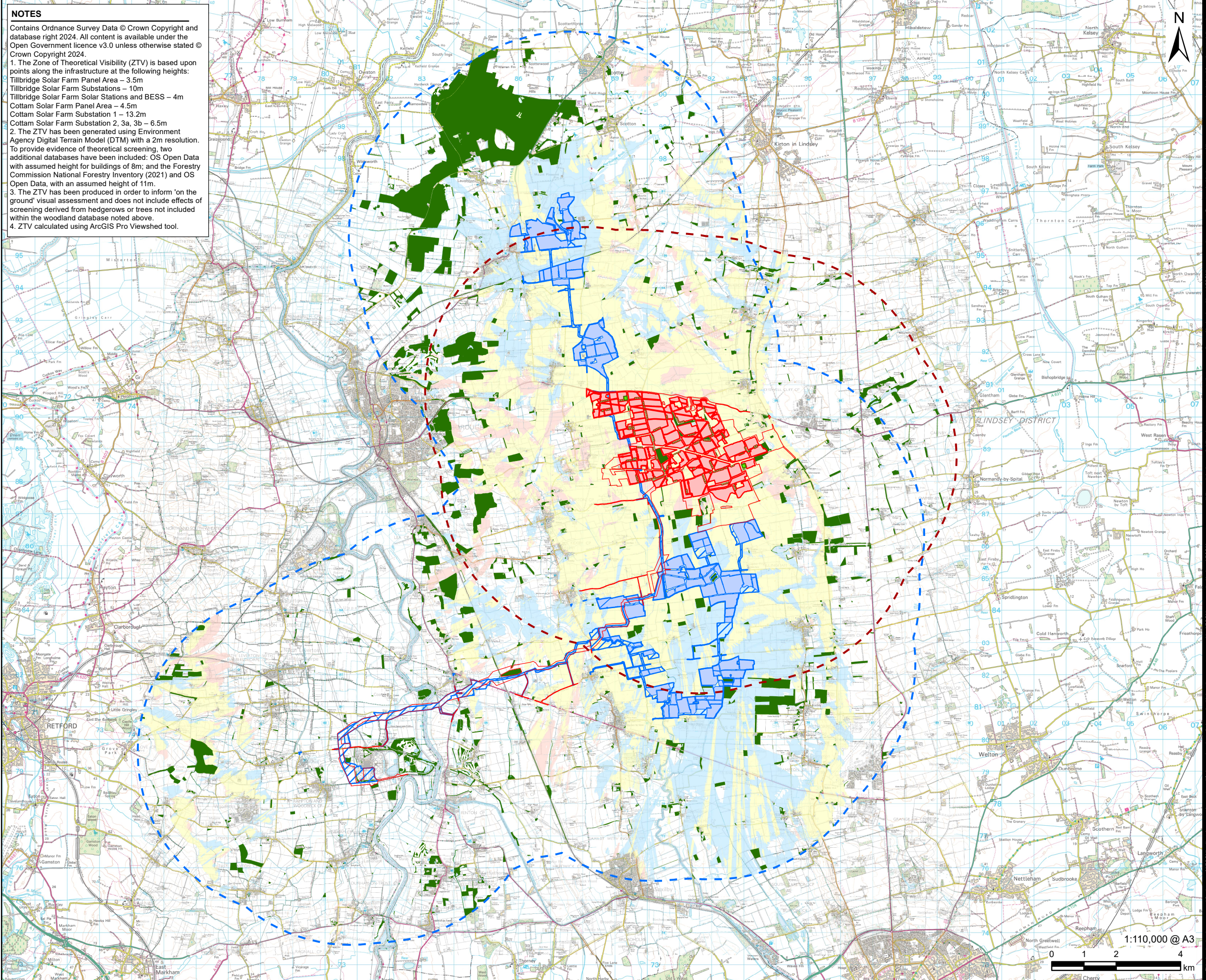
Document Reference: EN010142/APP/6.3

**Regulation 5(2)(a)
Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009**

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tillbridgesolar.com

NOTES
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 1. The Zone of Theoretical Visibility (ZTV) is based upon points along the infrastructure at the following heights:
 Tillbridge Solar Farm Panel Area – 3.5m
 Tillbridge Solar Farm Substations – 10m
 Cottam Solar Farm Solar Stations and BESS – 4m
 Cottam Solar Farm Panel Area – 4.5m
 Cottam Solar Farm Substation 1 – 13.2m
 Cottam Solar Farm Substation 2, 3a, 3b – 6.5m
 2. The ZTV has been generated using Environment Agency Digital Terrain Model (DTM) with a 2m resolution. To provide evidence of theoretical screening, two additional databases have been included: OS Open Data with assumed height for buildings of 8m; and the Forestry Commission National Forestry Inventory (2021) and OS Open Data, with an assumed height of 11m.
 3. The ZTV has been produced in order to inform 'on the ground' visual assessment and does not include effects of screening derived from hedgerows or trees not included within the woodland database noted above.
 4. ZTV calculated using ArcGIS Pro Viewshed tool.



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- LEGEND**
- Buildings
 - Woodland
 - Tillbridge Solar Project**
 - Order limits
 - Principal Site - 5km Study Area
 - Indicative BESS/Solar Station Boundary
 - Indicative Solar Panel Boundary
 - Substation
 - Cottam Solar Project**
 - Site Boundary
 - 5km Study Area
 - Solar Panel Boundary
 - Substation
 - Zone of Theoretical Visibility**
 - No Theoretical Visibility
 - Tillbridge Solar Farm Theoretical Visibility
 - Cottam Solar Farm Theoretical Visibility
 - Tillbridge Solar Farm and Cottam Solar Farm Theoretical Visibility

ISSUE PURPOSE
 DCO Submission
PROJECT NUMBER
 60677969
FIGURE TITLE
 Combined ZTV of the Scheme's Solar Panel Area Barrier ZTV within 5km buffer and Cottam Solar Project's Solar Panel Area Barrier ZTV within 5km buffer
FIGURE NUMBER
 Figure 18-3



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