



THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT

- LEGEND**
- Scheme Boundary
  - 2km Study Area
  - Barriers**
    - Building
    - Woodland
  - Zone of Theoretical Visibility - with Barriers**
    - Sunnica West Site Visible Only
    - Sunnica East Site Visible Only
    - Both Sites Visible

**NOTES**

Generated using Ordnance Surveys Terrain 5 Dataset which is based on 5m resolution Digital Terrain Model (DTM), incorporating the proposed Solar PV panels modelled across the site to a maximum anticipated height of 2.5m, and the proposed substations, modelled to a maximum anticipated height of 6.5m.

Proposed scheme is derived from the proposed Red Line Boundary (RLB) areas dated 02/09/2020 with reference points included every 20m on a grid across the full extent of the RLB site. The ZTVs do not include associated buildings which are not known at this stage.

ZTV calculated using ArcGIS 10.6.1 Viewshed tool with observer eye height 1.7m above ground.

Visual barriers on the Combined with Barriers ZTV were defined within the immediate site context up to 5km from the RLB. Woodland areas were derived from Forestry Commission National Forestry Inventory (NFI), modelled at 10m, and the National Tree Map, using the maximum tree height value, and buildings were derived from OS MasterMap using the accurate OS Building Height Attribute (BHA) data. For buildings outside the BHA coverage, heights were modelled at 8m, and the dataset extracted from OS Open Local vector based building layers.

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Purpose of Issue

PEIR

Client

SUNNICA LTD

Project Title

sunnica energy farm

Drawing Title

FIGURE 10-11F  
COMBINED WITH BARRIERS  
ZONE OF THEORETICAL  
VISIBILITY FOR THE DCO SITE

Drawn	Checked	Approved	Date
AD	RH	NC	02/09/2020

AECOM Internal Project No.

60589004

Scale @ A3

1:72,000

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