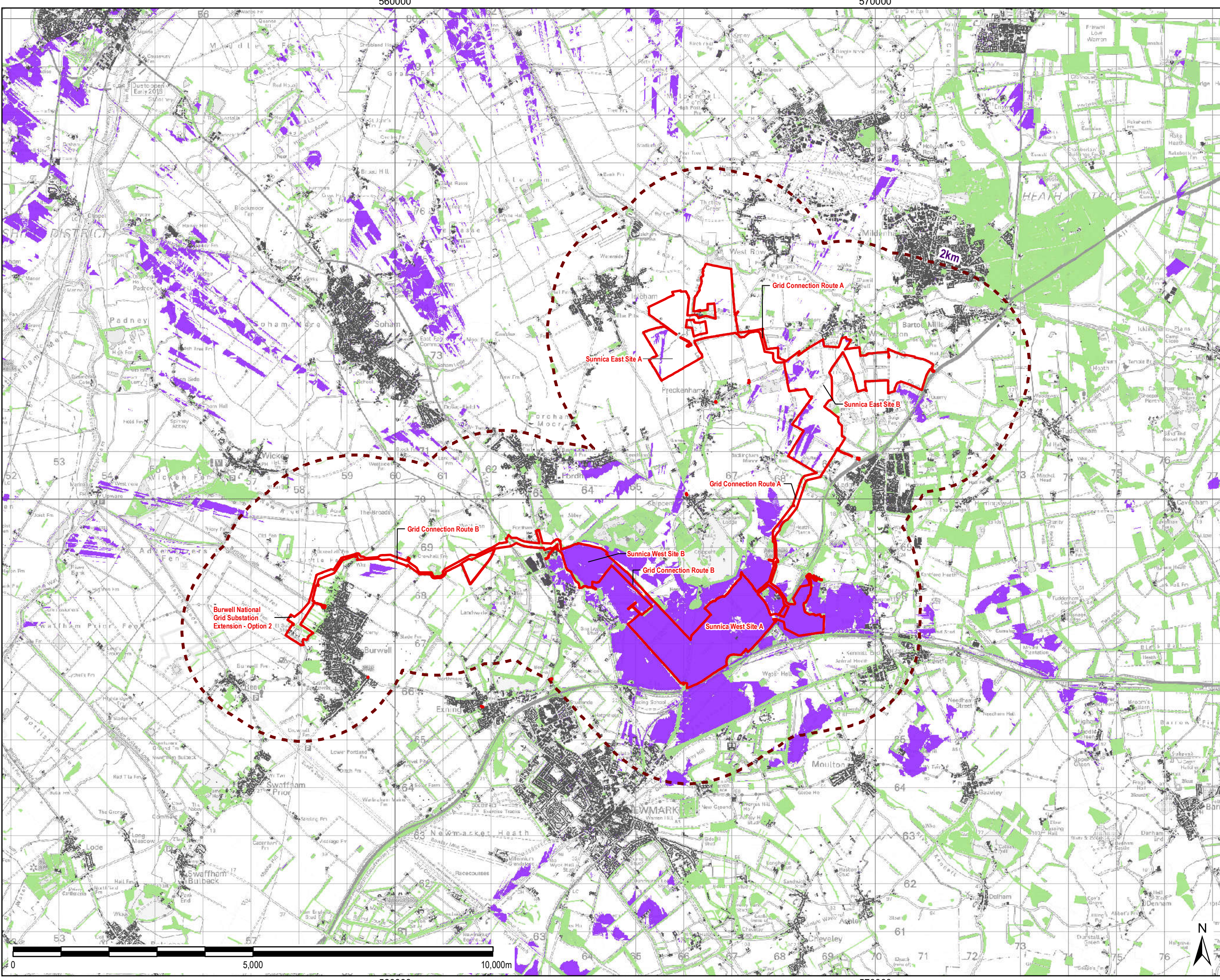


File Name: C:\Users\Anna.D\OneDrive - AECOM\Documents\11\_Projects\Sunnica\DCO\201912\_SunnicaEnergyFarm\_DCO\_Figure1D\_ZTV\_Equine\_withBarriers\_SunnicaWest.mxd



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

**LEGEND**

The Order Limits

2km Area of Search

**Barriers**

Building

Woodland

**Zone of Theoretical Visibility - with Barriers**

Sunnica West Site Visible

**NOTES**

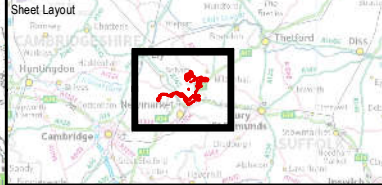
Generated using Ordnance Surveys Terrain 5 Dataset which is based on 5m resolution Digital Terrain Model (DTM), incorporating the proposed Solar PV panels modelled across the site to a maximum anticipated height of 2.5m, the proposed on-site substations, modelled to a maximum anticipated height of 10m, and Burwell substation modelled to a maximum anticipated height of 12m (the layout of the substation does not affect the ZTV shown).


Proposed scheme is derived from the proposed Red Line Boundary (RLB) areas dated 17/08/2022 with reference points included every 20m on a grid across the full extent of the RLB site. The ZTVS do not include other associated buildings which are not known at this stage.

ZTV calculated using ArcGIS 10.8.1 Viewshed tool with observer eye height 2.7m above ground.

Visual barriers on the 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.

Copyright:  
Contains OS data © Crown copyright and database right 2021  
Contains public sector information licensed under the Open Government Licence v3.0  
This map uses data that is public sector information from Suffolk County Council. The data is licensed on terms equivalent to the Ordnance Survey OpenData Licence. The date of this data is 11/12/2021  
Contains Natural England data ©. Contains Historic England data ©. Contains Environment Agency data ©. Contains WTM data 2021 ©.



Purpose of Issue		DCO	
Client		SUNNICA LTD	
Project Title			
Drawing Title		FIGURE 1D WITH BARRIERS EQUINE ZONE OF THEORETICAL VISIBILITY SUNNICA WEST SITE A AND SITE B	
Drawn AD	Checked LL	Approved JR	Date 12/09/2022
AECOM Internal Project No. 60589004		Scale @ A3 1:72,000	
THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.			
AECOM Unit 1 Wellbrook Court, Girton, Cambridge, CB3 0NA United Kingdom Telephone (01223) 488000 www.aecom.com			
Drawing Number 60589004_DCO_LSP_004			Rev 0