

The Drovers Solar Farm

Figure 6.5 Zone of Theoretical Visibility - DTM (Clean)

Prepared by: LDA Design

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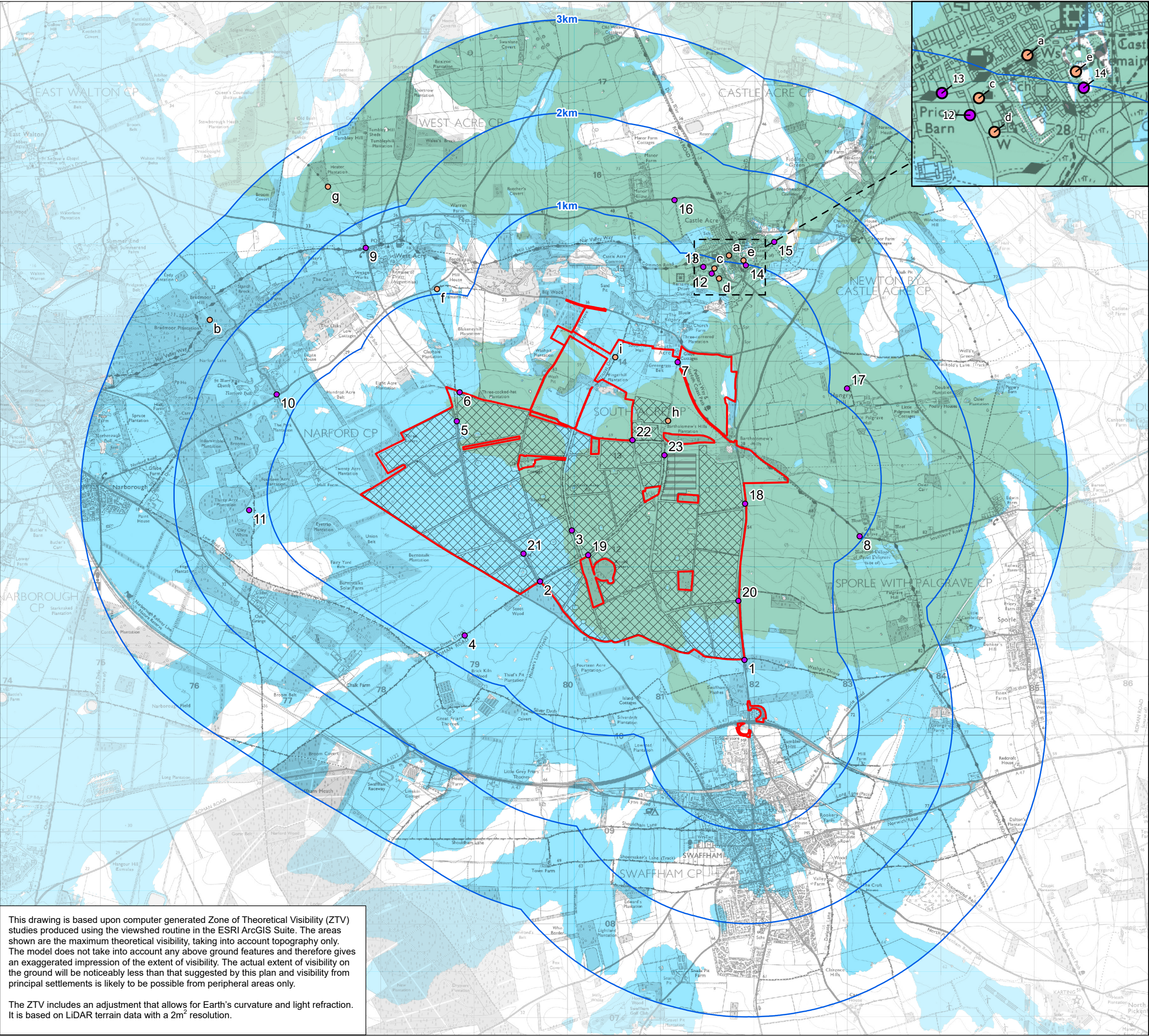
Document reference: APP/6.3.1 (Revision 1)

APFP Regulation Reg 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009





DRAWING TITLE:
ES Figure 6.5 Zone of Theoretical Visibility - DTM

DOCUMENT:
6.3 Environmental Statement Volume 3 Figure 6.5 Zone of Theoretical Visibility - DTM

- LEGEND:
- Order limits
 - 1, 2 and 3km from Order limits
 - Indicative Area of Solar PV Array Development (4.5m Height)
 - Indicative siting zones for Customer Substation (13m Height)
National Grid Substation (13m Height)
 - Proposed Representative Viewpoints (1 - 23)
 - Proposed Illustrative Viewpoints (a - i)

Zone of Theoretical Visibility (ZTV)

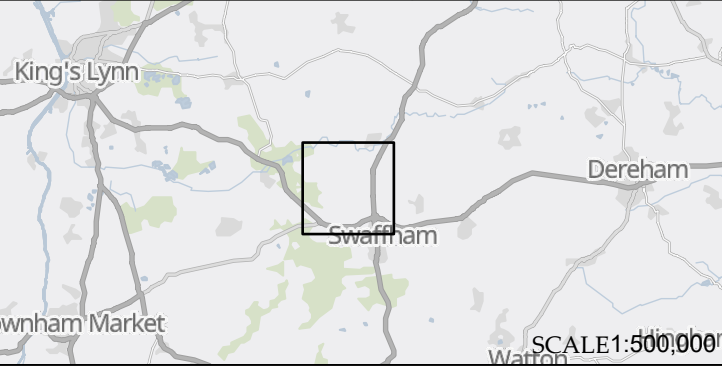
BESS areas not shown as they fall within either Solar PV Array or Substation development areas - all of which have greater parameter heights.

Indicative area for Solar PV Arrays based on a panel height of 4.5m

Siting zones for Customer Substation 13m, National Grid Substation 13m

*Note - No dimensions are to be scaled from this drawing. All dimensions are to be checked on site. Area measurements for indicative purposes only.

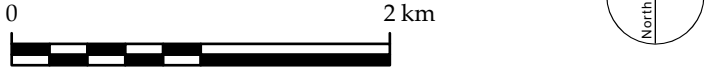
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The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Reg 5(2)(a)

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This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography only. The model does not take into account any above ground features and therefore gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be noticeably less than that suggested by this plan and visibility from principal settlements is likely to be possible from peripheral areas only.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LIDAR terrain data with a 2m² resolution.



THE DROVES
SOLAR FARM