

Tween Bridge Solar Farm

Environmental Statement

Figure 6.3: Screened Zone of Theoretical Visibility with Viewpoints and Photomontage Locations

Planning Act 2008

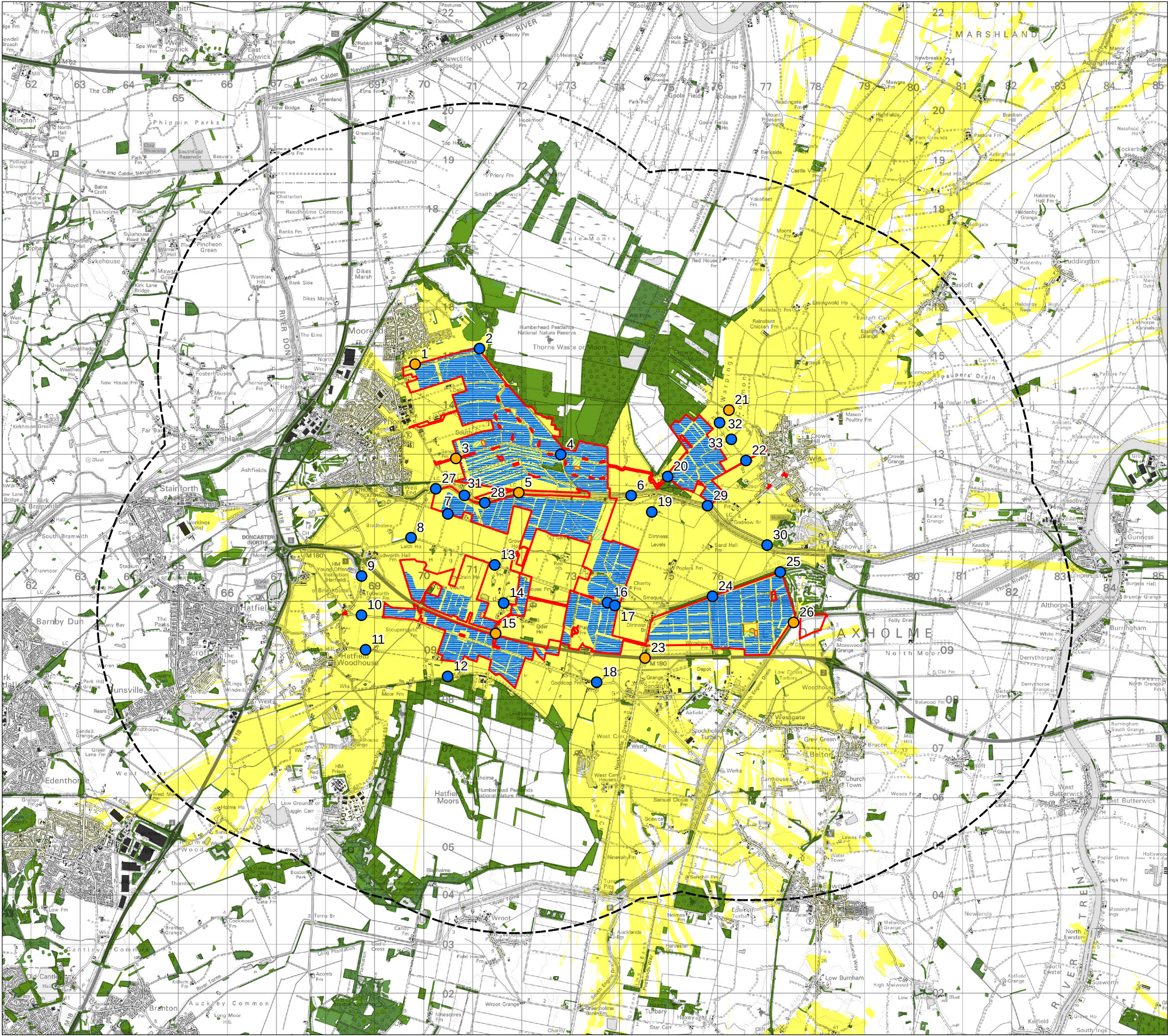
Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009

APFP Regulation 5(2)(a)

Document Reference: 6.4.6.3

July 2026

Revision 2



Legend

Order Limits

5km Buffer

OS Local Buildings

OS Local Woodland

Viewpoint Location

Photomontage Viewpoint Location

Screened Zone of Theoretical Visibility

Layout Data

400kV Substation

132kV Substation

BESS - 3.6m height

Fixed Solar PV Modules 3.6m height

Screened ZTV Production Information

- DTM data used in calculations is OS Terrain 5 that has been combined with OS Open Map Local data for woodland and buildings to create a Digital Surface Model (DSM).

- Indicative woodland and building heights are modelled at 15m and 8m respectively.

- Viewer height set at 1.7m (in accordance with para 6.11 of GLVIA Third Edition).

- Calculations include earth curvature and light refraction.

N.B. This Zone of Theoretical Visibility (ZTV) image illustrates the theoretical extent of where the development may be visible from, assuming 100% atmospheric visibility, and includes the screening effect from vegetation and buildings, based on the assumptions stated above.

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Drawing Ref: Environmental Statement Volume 4,
Figure 6.3 Screened Zone of Theoretical Visibility with
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2

00.512 km

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936

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Ordnance Survey AC0000808122

Scale: 1:75,000

Paper Size: A3

Sheet: 1 of 1

RWE

Document Ref: 6.4.6.3

APFP Reg: 5(2)(a)

Revision: 2

PINS Number: EN010148

Drawing Status: Final

Drawn: RL

Checked: IH

Approved: KC

Date: 09/07/2026