

Tween Bridge Solar Farm

Environmental Statement

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

Planning Act 2008

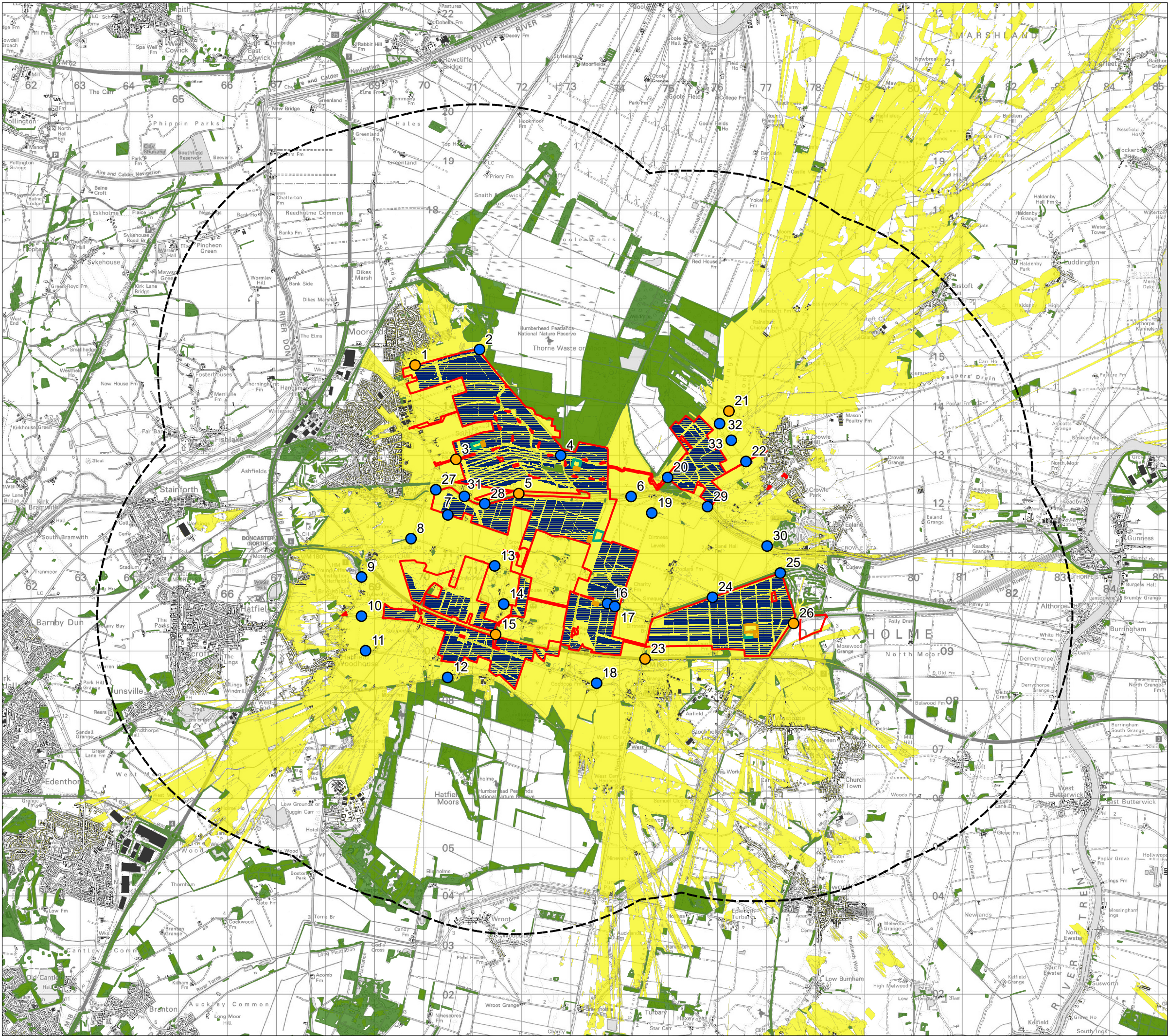
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

APFP Regulation 5(2)(a)

Document Reference: 6.4.6.3

August 2025

Revision 1



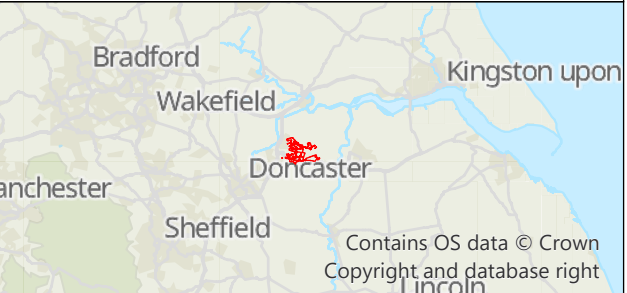
Legend

- Order Limits
- 5km Buffer
- OS Local Buildings
- OS Local Woodland
- Viewpoint Location
- Photomontage Viewpoint Location
- PVcase PV Modules (full frames) - 3.6m height
- BESS - 3.6m height
- Substations - 15m height
- Screened Zone of Theoretical Visibility

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 Viewpoints and Photomontage Locations

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



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