



KEY

- Redline Boundary (the Site)
- Byway Open to All Traffic
- Public Bridleway
- Public footpath
- Restricted Byway
- 1 Km Study Area
- 2 Km Study Area
- 5 Km Study Area

Zone of Theoretical Visibility - Screened

- North Site
- Selected Viewpoints

Notes:

Generated using a 5m resolution Digital Terrain Model (DTM) which is based on Ordnance Surveys Terrain 5 Dataset, incorporating the proposed Solar PV panels modelled across the site to a maximum anticipated height of 4.5m.

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Proposed scheme is derived from the proposed Redline Boundary (RLB) areas with reference points included every 20m on a grid across the full extent of the RLB site. The ZTV's include DTM data combined with associated building locations based on OS Master Map data and their heights and canopy extents data from National Tree Map data and their maximum heights.

ZTV raster data was calculated using QGIS 3.22.8 Visibility Analysis tool with observer eye 2m above ground.

The Redline Boundary (the Site) contains information provided by Ardent Management for the Solar Array Area on 07/07/2023, the Cable Route Corridor on 28/07/2023, and the Access Route Corridor on 26/10/2023.

National Tree Mapping – © Bluesky International Limited.

National Tree Map data provides accurate tree locations of trees over 3m height, measurements of the location of trees, heights (+/- 1m Z accuracy) and canopy spreads.

D	UPDATED SITE BOUNDARY, BUFFERS AND NOTES	03/01/24	RCB	LM	LG
REVISION	DETAILS	DATE	DRAWN	CHKD	APPD
CLIENT	BEACON FEN ENERGY PARK LTD				
PROJECT	BEACON FEN ENERGY PARK				
DRAWING TITLE	FIGURE 6.2 SCREENED ZONE OF THEORETICAL VISIBILITY				
DRG No.	ST19595-113	REV	D		
DRG SIZE	A3	SCALE	1:100,000		
DRAWN BY	RCB	CHECKED BY	LM	APPROVED BY	LG

