



KEY

- Redline Boundary (the Site)
- Solar Array Area
- Cable Route Corridor
- Access Route Corridor
- 1 Km Study Area
- 2 Km Study Area
- 5 Km Study Area

Zone of Theoretical Visibility - Bare Ground

- Solar Array Area
- 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. This ZTV does not include screening effect of the existing buildings and vegetation.

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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 ZTVs do not include associated buildings which are not known at this stage.

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.

REVISION	DETAILS	DATE	DRAWN	CHKD	APPD
D	NOTES AMENDMENT	03/01/24	CP	LM	LG
C	UPDATED REDLINE BOUNDARY AND BUFFERS, ADDED ACCESS ROUTE CORRIDOR	15/12/23	RCB	LM	LG
B	PRELIMINARY ISSUE FOR CLIENT COMMENT	29/09/23	RCB	LM	LG
A.01	UPDATE FIGURE REFERENCES, DEVELOPMENT AREAS AND NOTES	22/09/23	RCB	LM	LG
A	FIRST ISSUE	25/08/23	RCB	LM	LG

CLIENT

BEACON FEN ENERGY PARK LTD

PROJECT

BEACON FEN ENERGY PARK

DRAWING TITLE

**FIGURE 6.1
BAREGROUND ZONE OF
THEORETICAL VISIBILITY**

DRG No.	ST19595-111	REV	D
DRG SIZE	A3	SCALE	1:100,000
DRAWN BY	RCB	DATE	03/01/2024
CHECKED BY	LM	APPROVED BY	LG

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