

## **Great North Road Solar and Biodiversity Park**

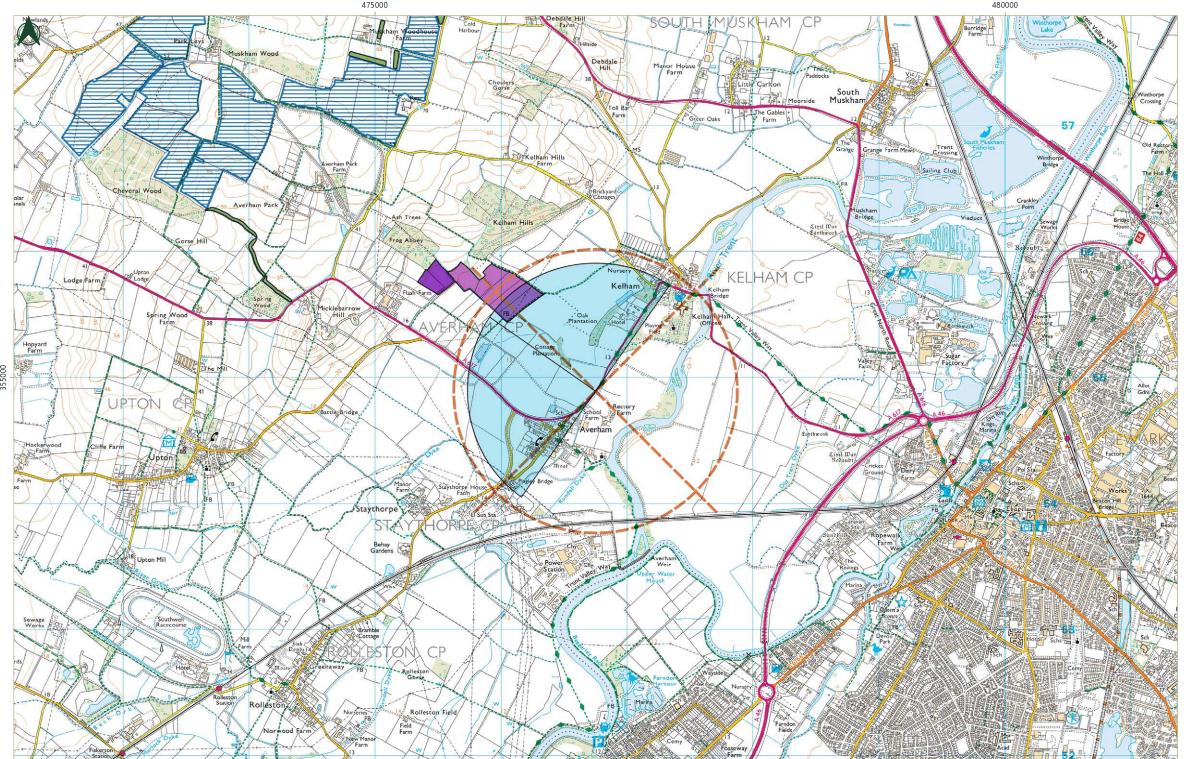
Environmental Statement Volume 3, Chapter 7 Landscape and Visual Impact Assessment Figures (Part 5 of 6)

Document reference – EN010162/APP/6.3.7A

Revision number 2

August 2025

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, APFP Regulation 5(2)(a)



### Existina Vieu

This view looks across flat fields divided by hedges, trees and areas of woodland towards low hills in the west and woodland in the north. Pylons are seen crossing the view, along with vehicles moving on the A617. Small clusters of buildings are visible across the view.

### Predicted Changes to Views

During construction there would be open views of the 400kV substation, BESS and cable route installation and more distant, glimpsed visibility of the solar area installation on the skyline to the northwest. During early operation part of the main 400kV substation would be visible between woodlands to the northwest, alongside more distant glimpsed views of a solar area on the skyline. Part of the BESS would be visible beyond the sparse hedges to the north. Once fully grown, mitigation planting would screen the BESS from view; views of the 400kV substation and solar PV areas would remain, with the substation only fully screened during the second half of the operational life of the Development. Once decommissioned, taller hedgerows would remain around the solar area. Tree belts around the decommissioned BESS area and retained substation would form a visual extension to the existing areas of woodland within the view.

### Cumulative

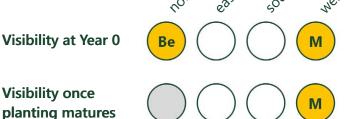
Kelham solar farm would be seen in the foreground through the field entrance, though the main substation within the Development would be seen on higher ground beyond. The SSE BESS would be screened by the nearby hedge.

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# GREAT NORTH ROAD SOLAR AND BIODIVERSITY PARK

Viewpoint 45 Averham

### Cardinal views analysis:



### Key

- No solar areas visible from this viewpoint in this direction
- Wireline indicates theoretical visibility but would not be discernible in practice
- Visibility of solar areas in this direction during summer and winter
- Visibility of solar areas in this direction during winter only
- S An intermediate substation is visible in this direction of the view, refer to text
- M The main 400kV substation is visible in this direction of the view
- Be The BESS is visible in this direction of the view

90deg baseline panorama and wireline



Reference:	Drawn By:	OA:	Date:
EN010162/APP/6.3.7.11.VP45	IF	MF	2025-07-31
Scale:	Drawing Size	2:	Revision:
1:30,000	A3		02

OSGB36 / British National Grid







AND BIODIVERSITY PARK

Viewpoint 45 (A): Averham

CCTV cameras

Fences 400 kV substation BESS

Kelham solar farm Consented solar farms (Tuxford Road, Knapthorpe Lodge, and/or Muskham Wood)

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ge Size c 130mm	QA MF	2		
er Size c 297mm	Rev 02			
014 Visuals Document-1.indd				

Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance:

Camera: Lens: Camera Height: Photography Date:

Sony ILCE-7C 50mm 1.5m AGL 27/03/2024







GREAT NORTH ROAD SOLAR AND BIODIVERSITY PARK

Viewpoint 45 (A): Averham Development:
Solar arrays
CCTV cameras
Fences
400 kV substation
BESS

Date By
July 2025 IF

Image Size QA
820 x 130mm MF

Paper Size Rev
840 x 297mm 02

0014 Visuals Document-1.indd

QA
MF

1) This visualisation is a cylindrical projection panorama: it
2) All directions given as bearings relative to Grid North (BI

Grid Reference:
Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance:

 Sony ILCE-7C 50mm 1.5m AGL 27/03/2024









GREAT NORTH ROAD SOLAR AND BIODIVERSITY PARK

Viewpoint 45 (B): Averham Development:
Solar arrays
CCTV cameras
Fences
400 kV substation
BESS

 
 Date July 2025
 By IF

 Image Size 820 x 130mm
 QA MF

 Paper Size 840 x 297mm
 Rev 02

 0014 Visuals Document-1.indd

IF

QA
MF

Rev

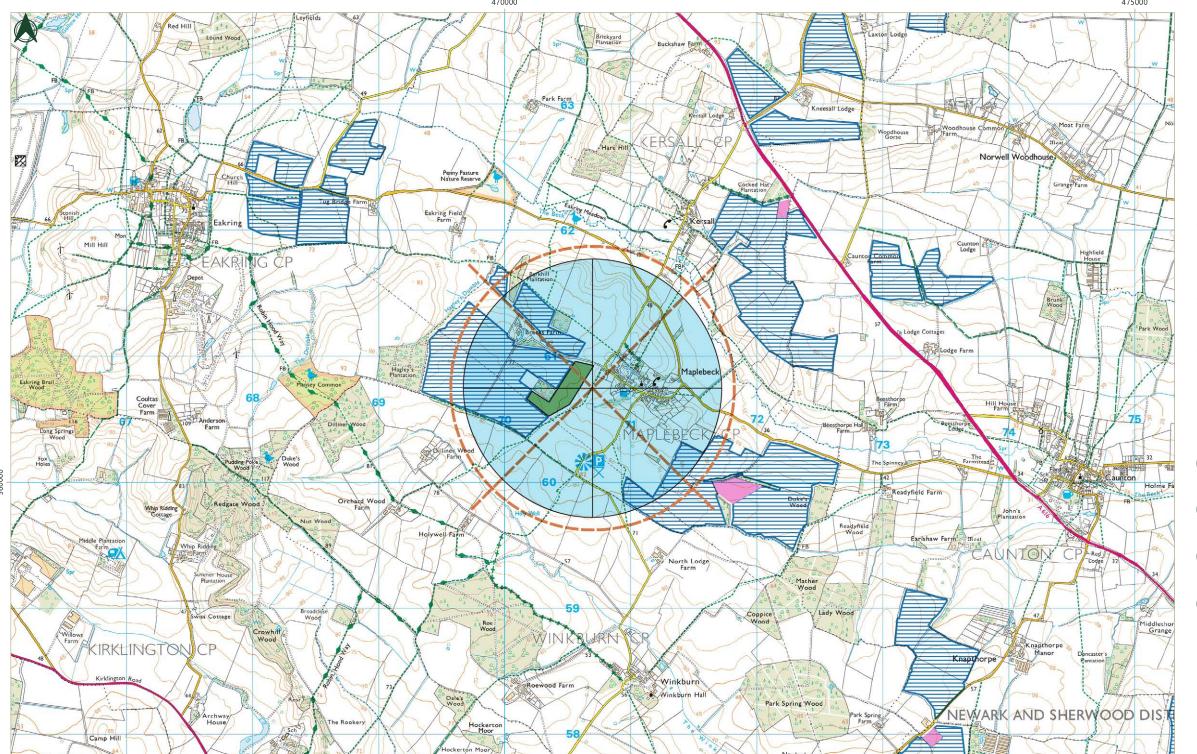
l projection panorama; it provides landscape and visual context only. relative to Grid North (BNG).

Grid Reference:
Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance:

 Sony ILCE-7C 50mm 1.5m AGL 27/03/2024







Views from this footpath are largely contained to the undulating large field in which the footpath is located. Properties at Maplebeck can be seen on the edge of the field to the northeast and to either side of this there are slightly wider views into the adjacent fields and beyond towards distant hillsides. Pylons and telegraph poles are seen crossing the field to the south.

### Predicted Changes to Views

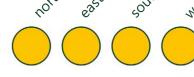
During construction there would be open views of the solar areas to the west and northwest being installed as well as the planting of new woodlands and a construction compound to the west. During early operation nearby solar areas would be openly visible to the northwest and west, with visibility filtered through trees in winter of more distant areas to the southeast. Once mitigation planting is fully grown, the Development would be screened from view in all directions and woodland would increasingly enclose the view to the northwest and west. This woodland would remain after decommissioning, and the remaining large hedgerows to the south would be a barely perceptible addition to the view.

## **GREAT NORTH ROAD SOLAR** AND BIODIVERSITY PARK

Viewpoint 46 Footpath SW of Maplebeck

### Cardinal views analysis:

Visibility at Year 0



Visibility once planting matures



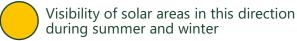


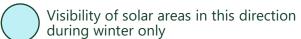


### Key

No solar areas visible from this viewpoint in this direction







- An intermediate substation is visible in this direction of the view, refer to text
- The main 400kV substation is visible in this direction of the view
- The BESS is visible in this direction of the view



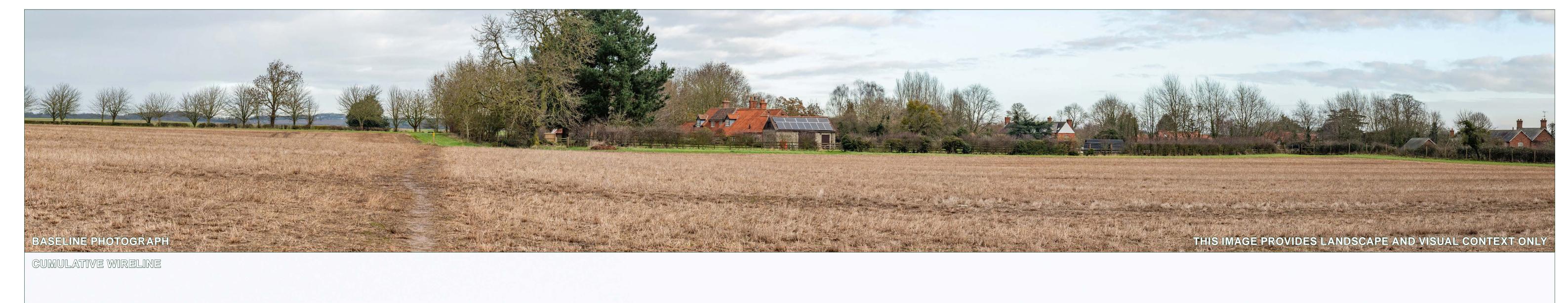
90deg baseline panorama, wireline and photomontage

Reference: EN010162/APP/6.3.7.11.VP46	Drawn By:	QA:	Date: 2025-07-31
Scale: 1:30,000	Drawing Size	<u> </u>	Revision: 02

OSGB36 / British National Grid







GREAT NORTH ROAD SOLAR AND BIODIVERSITY PARK

Viewpoint 46 (A): Footpath SW of Maplebeck

Development:

Solar arrays CCTV cameras Fences 400 kV substation

BESS

Cumulative Developments:

SSE BESS Kelham solar farm Consented solar farms (Tuxford Road, Knapthorpe Lodge,

Date July 2025 Image Size 820 x 130mm Paper Size 840 x 297mm 0014 Visuals Document-1.indd

Grid Reference: Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance: 90° 14.2° 522mm

Camera: Lens: Camera Height: Photography Date: 470697E 360747N 69m AOD

Sony ILCE-7C 50mm 1.5m AGL 02/02/2024













Viewpoint 46 (B): Footpath SW of Maplebeck



BESS

Cumulative Developments:

SSE BESS Kelham solar farm Consented solar farms (Tuxford Road, Knapthorpe Lodge, and/or Muskham Wood)

Date July 2025 Image Size 820 x 130mm Paper Size 840 x 297mm 0014 Visuals Document-1.indd

Grid Reference: Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance:

470697E 360747N 69m AOD 135° 90° 14.2° 522mm Camera: Lens: Camera Height: Photography Date: Sony ILCE-7C 50mm 1.5m AGL 02/02/2024

















AND BIODIVERSITY PARK

Viewpoint 46 (D): Footpath SW of Maplebeck

CCTV cameras Fences 400 kV substation BESS

Kelham solar farm Consented solar farms (Tuxford Road, Knapthorpe Lodge, Image Size 820 x 130mm Paper Size 840 x 297mm 0014 Visuals Document-1.indd

Grid Reference:
Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance:

Camera: Lens: Camera Height: Photography Date:

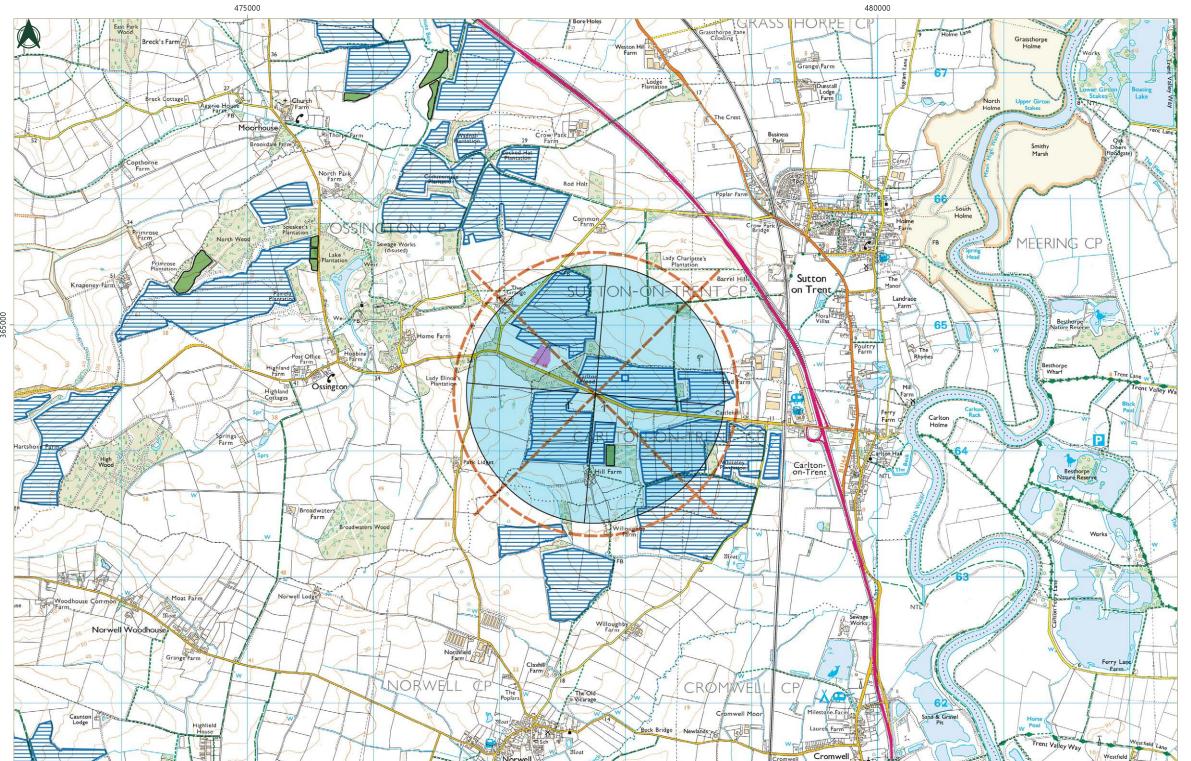
Sony ILCE-7C 50mm 1.5m AGL 02/02/2024











Rising ground along with hedges and trees along the minor road limit views to the north. There are views into the adjacent fields above the hedge to the southeast where the landform falls and then rises, with a wind turbine seen very nearby and pylons beyond. There is also a wind turbine in the nearby field to the southwest. To the south there is an open view along the access track and footpath to Hill Farm where the nearby fields are visible, separated by hedges.

### Predicted Changes to Views

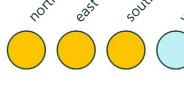
During construction there would be open views of the nearby solar areas being installed. Works traffic would route along the adjacent road, with a slight increase in vehicles visible during construction. During early operation solar areas would be visible above hedgerows to the north and east, and in open view to the southwest. Once mitigation planting is fully grown, new and existing hedgerows will largely screen the solar arrays to the north and east; though in winter it is likely that filtered views through the proposed hedges, may remain during operation and the tops of solar arrays would remain visible above the hedges. More open views would remain throughout operation and decomissioning. Once decommissioned, taller hedgerows would remain and there would be a reduction in the openness of views from this location.

## **GREAT NORTH ROAD SOLAR** AND BIODIVERSITY PARK

Viewpoint 48 Ossington Road

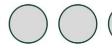
### Cardinal views analysis:

Visibility at Year 0



Visibility once planting matures



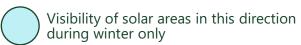


### Key

No solar areas visible from this viewpoint in this direction







- An intermediate substation is visible in this direction of the view, refer to text
- The main 400kV substation is visible in this direction of the view
- The BESS is visible in this direction of the view



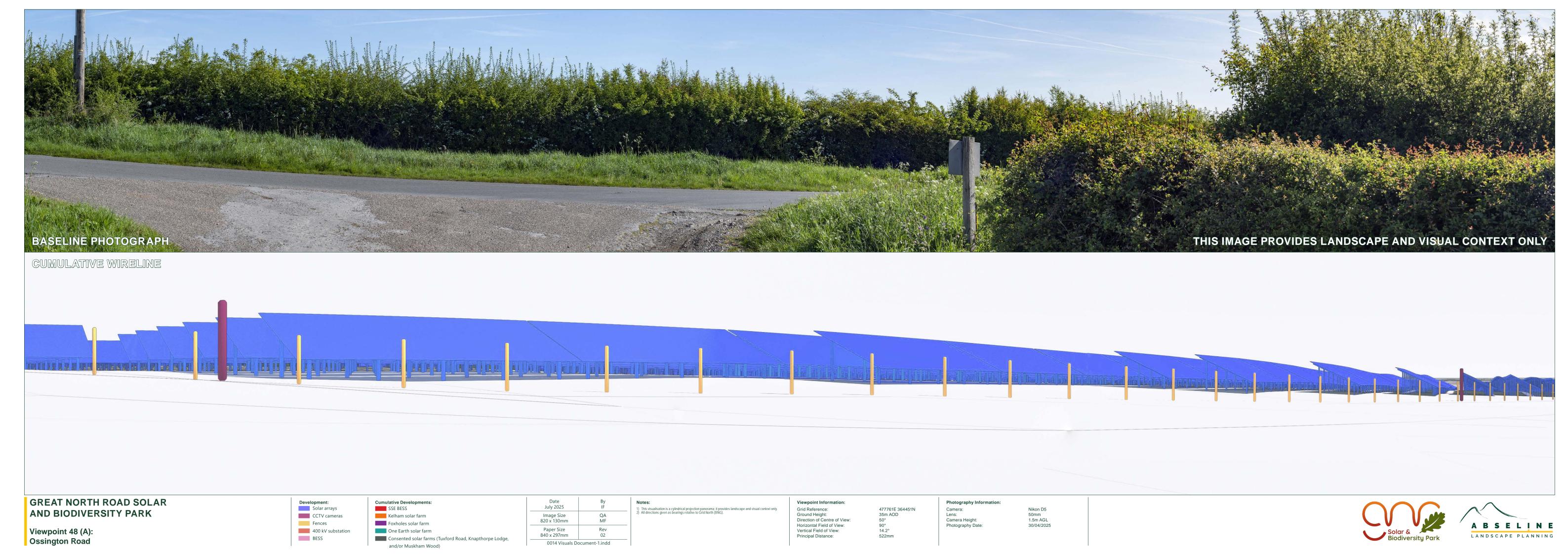
90deg baseline panorama, wireline and photomontage

Reference: EN010162/APP/6.3.7.11.VP48	Drawn By:	QA: MF	Date: 2025-07-31
Scale: 1:30,000	Drawing Size	e:	Revision: 02

OSGB36 / British National Grid















Viewpoint 48 (B): Ossington Road



Cumulative Developments:

SSE BESS Kelham solar farm Consented solar farms (Tuxford Road, Knapthorpe Lodge, and/or Muskham Wood)

Date July 2025 Image Size 820 x 130mm Paper Size 840 x 297mm 0014 Visuals Document-1.indd

Grid Reference: Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance:

477761E 364451N 35m AOD 140° 90° 14.2° 522mm

Photography Information: Lens: Camera Height: Photography Date:

Nikon D5 50mm 1.5m AGL 30/04/2025





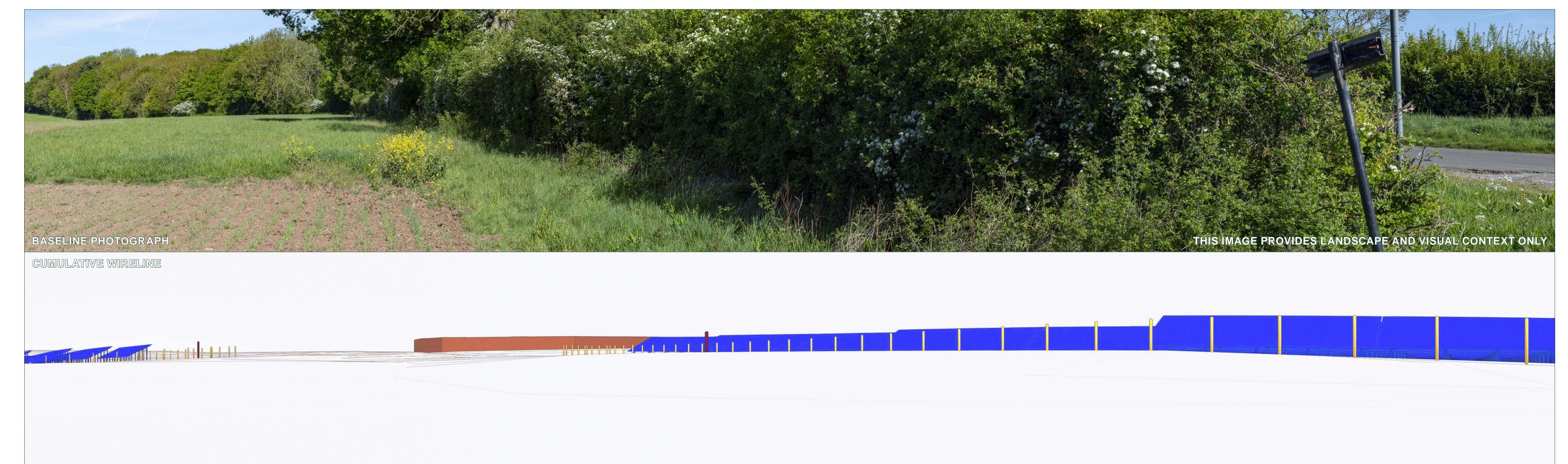














Viewpoint 48 (D): Ossington Road



Development:

Solar arrays

Cumulative Developments:

SSE BESS Kelham solar farm One Earth solar farm Consented solar farms (Tuxford Road, Knapthorpe Lodge, and/or Muskham Wood)

	Date July 2025	By IF	
	Image Size 820 x 130mm	QA MF	
	Paper Size 840 x 297mm	Rev 02	
′	0014 Visuals Document-1.indd		

Grid Reference: Ground Height:
Direction of Centre of View:
Horizontal Field of View:
Vertical Field of View:
Principal Distance: 477761E 364451N 35m AOD 320° 90° 14.2° 522mm

Lens: Camera Height: Photography Date:

Nikon D5 50mm 1.5m AGL 30/04/2025







