

Viewpoints and Visualisations in the Ardleigh and Little Bromley area

Appendix A: Viewpoint Maps and Images

Revision: 1

Date: 12 May 2026

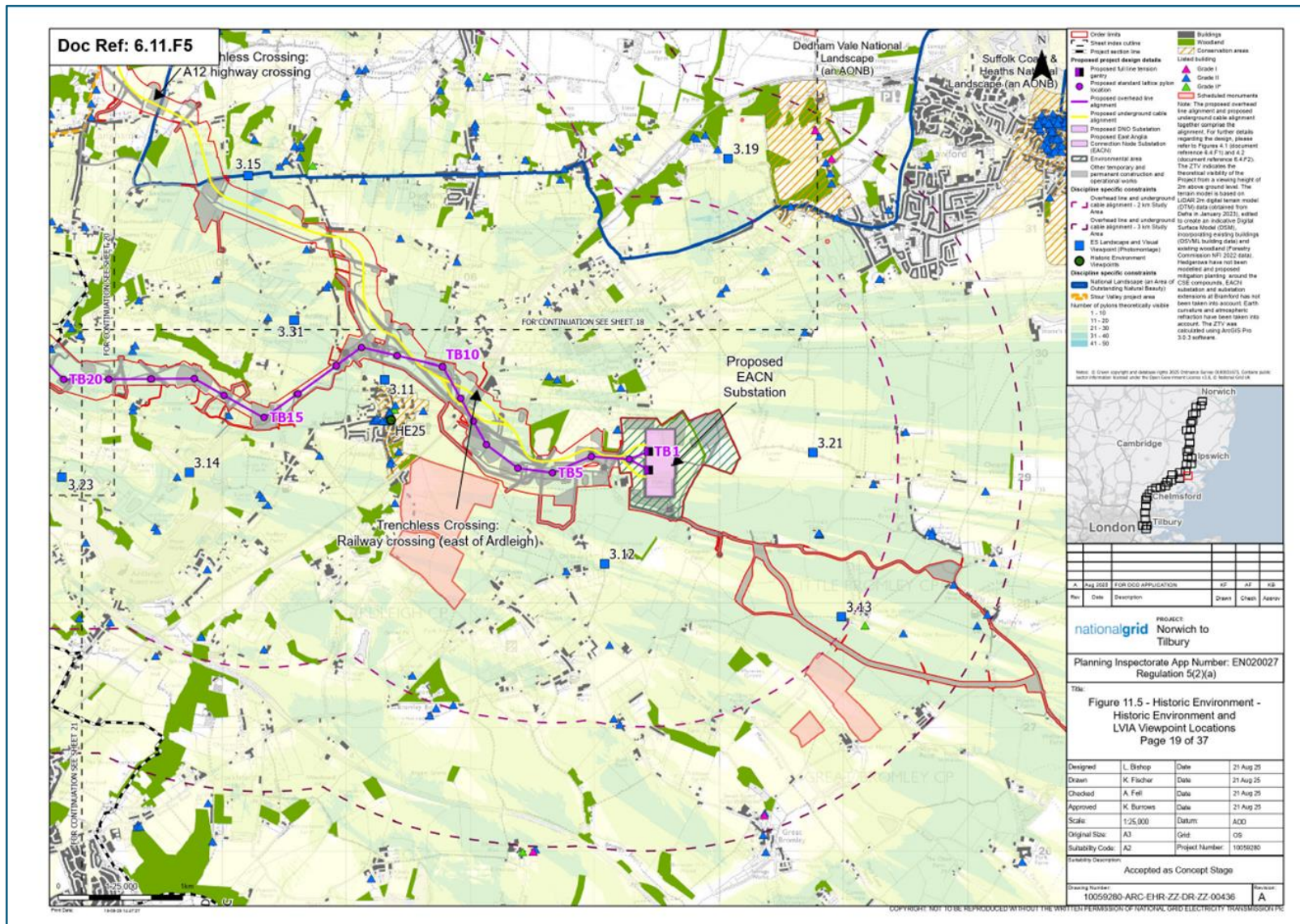
Contents

1. Viewpoint location maps	4
1.1. Viewpoint locations in the Ardleigh and Little Bromley area used by the Applicant for the DCO application	5
1.2. Additional viewpoint locations previously requested by Ardleigh Parish Council	6
2. Grade II* St Mary’s Church, Ardleigh (1112060) and Ardleigh Conservation Area (CA26)	7
2.1. Images supplied by the Applicant as part of the 2025 DCO application	7
2.1.1. Viewpoint HE25: Images HE25b and HE25c	8
2.1.2. Viewpoint HE25: Images HE25d and HE25e	9
2.1.3. Viewpoint 3.11: Images 3.11b and 3.11c	10
2.1.4. Viewpoint 3.11: Images 3.11d and 3.11e	11
2.1.5. Viewpoint 3.11: Images 3.11f and 3.11g	12
2.1.6. Viewpoint 3.31: Images 3.31b and 3.31c	13
2.1.7. Viewpoint 3.31: Images 3.31d and 3.31e	14
2.2. Other images relating to the location	15
2.2.1. Images of infrastructure from Viewpoint E	15
2.2.2. Photograph taken from Viewpoint E	18
2.2.3. Images of infrastructure from Viewpoint B	19
2.2.4. Photograph taken from Viewpoint B	21
2.2.5. Image of infrastructure from Viewpoint A	22
3. Scheduled Monument (1002146) “Crop mark site S of Ardleigh”	23
3.1. Images supplied by the Applicant as part of the 2025 DCO application	23

3.2.	Other images relating to the location.....	24
3.2.1.	Image of infrastructure from Viewpoint F: Apparent height of nearest pylon	24
3.2.2.	Image of infrastructure from Viewpoint F: “Illustrative Labelled Angle Lattice Pylon”	26
3.2.3.	Calculations for “apparent height”	27
4.	Glebe Corner “Local Green Space 6”	28
4.1.	Images supplied by the Applicant as part of the 2025 DCO application	28
4.2.	Other images relating to the location.....	29
4.2.1.	Image of infrastructure from Viewpoint A.....	29
5.	Fishing Lake “Local Green Space 1”	30
5.1.	Images supplied by the Applicant as part of the 2025 DCO application	30
5.2.	Other images relating to the location.....	30
5.2.1.	Photographs taken of the 3D CAD model presented by the Applicant during the 2024 Statutory Consultation	30
5.2.2.	Photographs of Fishing Lake “Local Green Space 1”	31
6.	Ardleigh Reservoir	33
6.1.	Images supplied by the Applicant as part of the 2025 DCO application	33
6.1.1.	Viewpoint 3.14: Images 3.14b and 3.14c	34
6.1.2.	Viewpoint 3.14: Images 3.14d and 3.14e	35
6.2.	Other images relating to the location.....	36
6.2.1.	Images of infrastructure from Viewpoint C.....	36
6.2.2.	Photographs taken from Viewpoint C	38

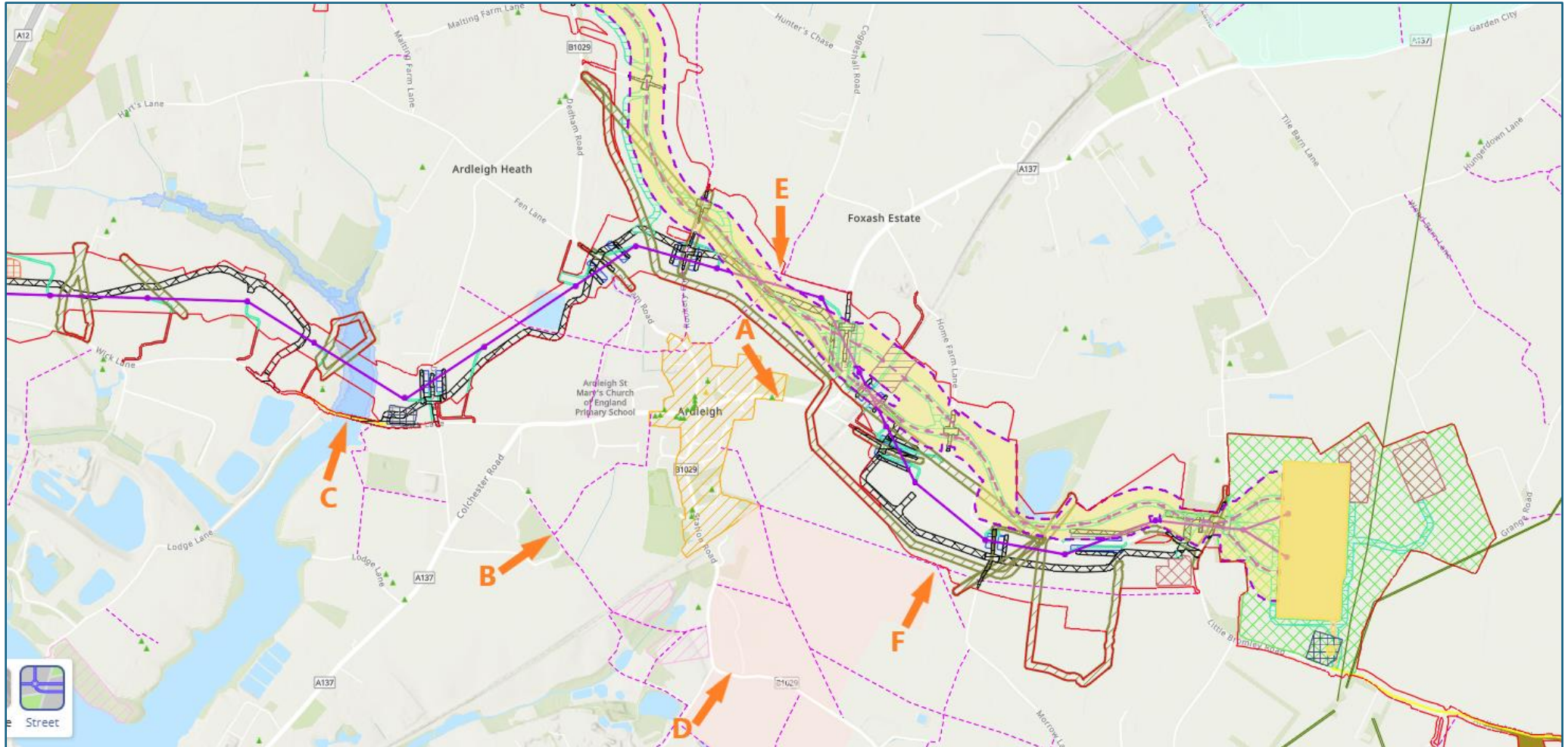
1. Viewpoint location maps

1.1. Viewpoint locations in the Ardleigh and Little Bromley area used by the Applicant for the DCO application



1.2. Additional viewpoint locations previously requested by Ardleigh Parish Council

Viewpoints A to F denoted by the **orange text/arrows** added to an image from the 2025 DCO interactive map (<https://norwichtotilburymap.nationalgrid.com/2025>)



2. Grade II* St Mary's Church, Ardleigh (1112060) and Ardleigh Conservation Area (CA26)

2.1. Images supplied by the Applicant as part of the 2025 DCO application

2.1.1. Viewpoint HE25: Images HE25b and HE25c

The orange arrows added to the images supplied by the Applicant are referred to in the main report.



Baseline Photograph
View flat at a comfortable arm's length
nationalgrid
OS reference: 800362E 225462N
AZD: 36.46 m
Direction of view: 335°
Viewed from: 0.52 km
Horizontal field of view: 90° (cylindrical projection)
Principal distance: 52 mm
Paper size: 841 x 287 mm (half A1)
Correct printed image size: 825 x 280 mm
Camera: Canon EOS 5D Mark II
Lens: Sigma Fixed Focal Length
Camera height: 1.5 m
Photography Date: 10/01/2025
Photography Time: 08:54
Notes: The image shows the baseline photography - the Project is not shown.
North to Tilbury
Figure: 7.12.F233_HE25b
Viewpoint HE25: Ardleigh



Photomontage
View flat at a comfortable arm's length
nationalgrid
OS reference: 800362E 225462N
AZD: 36.46 m
Direction of view: 335°
Viewed from: 0.52 km
Horizontal field of view: 90° (cylindrical projection)
Principal distance: 52 mm
Paper size: 841 x 287 mm (half A1)
Correct printed image size: 825 x 280 mm
Camera: Canon EOS 5D Mark II
Lens: Sigma Fixed Focal Length
Camera height: 1.5 m
Photography Date: 10/01/2025
Photography Time: 08:54
Notes: The image shows the baseline photography - the Project is not shown.
North to Tilbury
Figure: 7.12.F233_HE25c
Viewpoint HE25: Ardleigh

2.1.2. Viewpoint HE25: Images HE25d and HE25e

The orange arrows added to the images supplied by the Applicant are referred to in the main report.



nationalgrid Northwich to Tibury
Figure: 7.12.F233_HE25d
Viewpoint HE25: Ardleigh



nationalgrid Northwich to Tibury
Figure: 7.12.F233_HE25e
Viewpoint HE25: Ardleigh

2.1.3. Viewpoint 3.11: Images 3.11b and 3.11c



Baseline Photograph

View flat at a comfortable arm's length

nationalgrid

OS reference: 825310E 226788 N
 AOD: 37.54 m
 Direction of view: 283°
 Viewed from: 0.22 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 822 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 290 mm

Camera: NIKON D750
 Lens: 50mm Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 19/01/2024
 Photography Time: 12:29

Notes:
 The image shows the baseline photography - the Project is not shown.

North to Tibbury
 7.12.F80_VP3.11b
 Viewpoint 3.11: PRoW north of Ardleigh (Ardleigh 2)



Photomontage

View flat at a comfortable arm's length

nationalgrid

OS reference: 825310E 226788 N
 AOD: 37.54 m
 Direction of view: 283°
 Viewed from: 0.22 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 822 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 290 mm

Camera: NIKON D750
 Lens: 50mm Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 19/01/2024
 Photography Time: 12:29

North to Tibbury
 7.12.F80_VP3.11c
 Viewpoint 3.11: PRoW north of Ardleigh (Ardleigh 2)

2.1.4. Viewpoint 3.11: Images 3.11d and 3.11e



Baseline Photograph

View flat at a comfortable arm's length

nationalgrid

OS reference: 85310E 226788 N
 AOD: 37.84 m
 Direction of view: 13°
 Viewed from: 0.22 km

Horizontal field of view: 92° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 290 mm

Camera: NIKON D750
 Lens: 50mm Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 19/01/2024
 Photography Time: 12:29

Notes:
 The image shows the baseline photography - the Project is not shown.

Search in TSBry
 7.12.F80_VP3.11d
 Viewpoint 3.11: PRoW north of Ardeigh (Ardeigh 2)



Photomontage

View flat at a comfortable arm's length

nationalgrid

OS reference: 85310E 226788 N
 AOD: 37.84 m
 Direction of view: 13°
 Viewed from: 0.22 km

Horizontal field of view: 92° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 290 mm

Camera: NIKON D750
 Lens: 50mm Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 19/01/2024
 Photography Time: 12:29

Search in TSBry
 7.12.F80_VP3.11e
 Viewpoint 3.11: PRoW north of Ardeigh (Ardeigh 2)

2.1.5. Viewpoint 3.11: Images 3.11f and 3.11g



Baseline Photograph

View flat at a comfortable arm's length

nationalgrid

OS reference: 806310E 226788 N
 AGD: 37.34 m
 Direction of view: 103°
 Headed option: 0.22 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 622 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 825 x 290 mm

Camera: NIKON D750
 Lens: Sigma Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 19/01/2024
 Photography Time: 12:29

Notes:
 The image shows the baseline photography - the Project is not shown.

Northwich to Tilbury
 7.12.F80_VP3.11f
 Viewpoint 3.11: ProW north of Ardeigh (Ardeigh 2)



Photomontage

View flat at a comfortable arm's length

nationalgrid

OS reference: 806310E 226788 N
 AGD: 37.34 m
 Direction of view: 103°
 Headed option: 0.22 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 622 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 825 x 290 mm

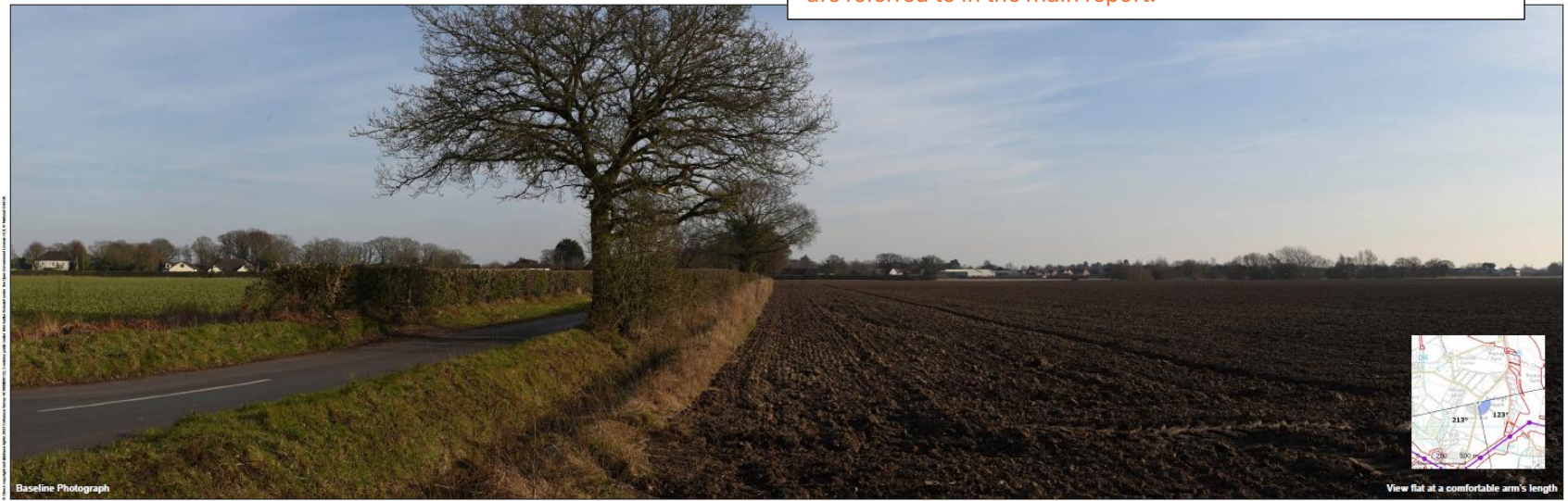
Camera: NIKON D750
 Lens: Sigma Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 19/01/2024
 Photography Time: 12:29

Northwich to Tilbury
 7.12.F80_VP3.11g
 Viewpoint 3.11: ProW north of Ardeigh (Ardeigh 2)

2.1.6. Viewpoint 3.31: Images 3.31b and 3.31c

The orange arrows added to the images supplied by the Applicant are referred to in the main report.



Baseline Photograph **View flat at a comfortable arm's length**

OS reference: 654578E 236259N Horizontal field of view: 90° (cylindrical projection) Camera: NIKON D750 Photography Date: 18/02/2025 Notes: The image shows the baseline photography - the Project is not shown.

AGD: 38.05 m Principal distance: 522 mm Lens: 50mm Fixed Focal Length Photography Time: 14:37

Direction of view: 123° Paper size: 841 x 287 mm (Half A1) Camera height: 1.5 m

Viewed from: 0.43 km Corrected printed image size: 820 x 280 mm

Northwich to Tilbury
7.12.F98_VP3.31b
Viewpoint 3.31: Ardleigh Heath



Photomontage **View flat at a comfortable arm's length**

OS reference: 654578E 236259N Horizontal field of view: 90° (cylindrical projection) Camera: NIKON D750 Photography Date: 18/02/2025 Notes: The image shows the baseline photography - the Project is not shown.

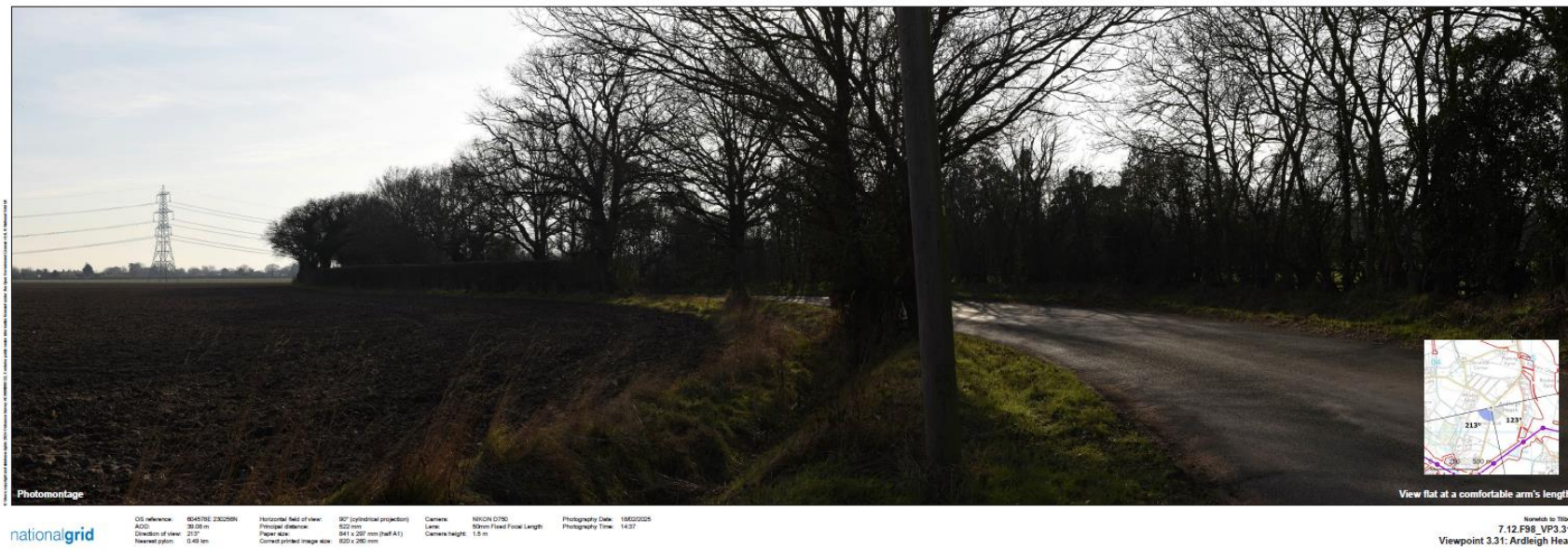
AGD: 38.05 m Principal distance: 522 mm Lens: 50mm Fixed Focal Length Photography Time: 14:37

Direction of view: 123° Paper size: 841 x 287 mm (Half A1) Camera height: 1.5 m

Viewed from: 0.43 km Corrected printed image size: 820 x 280 mm

Northwich to Tilbury
7.12.F98_VP3.31c
Viewpoint 3.31: Ardleigh Heath

2.1.7. Viewpoint 3.31: Images 3.31d and 3.31e



2.2. Other images relating to the location

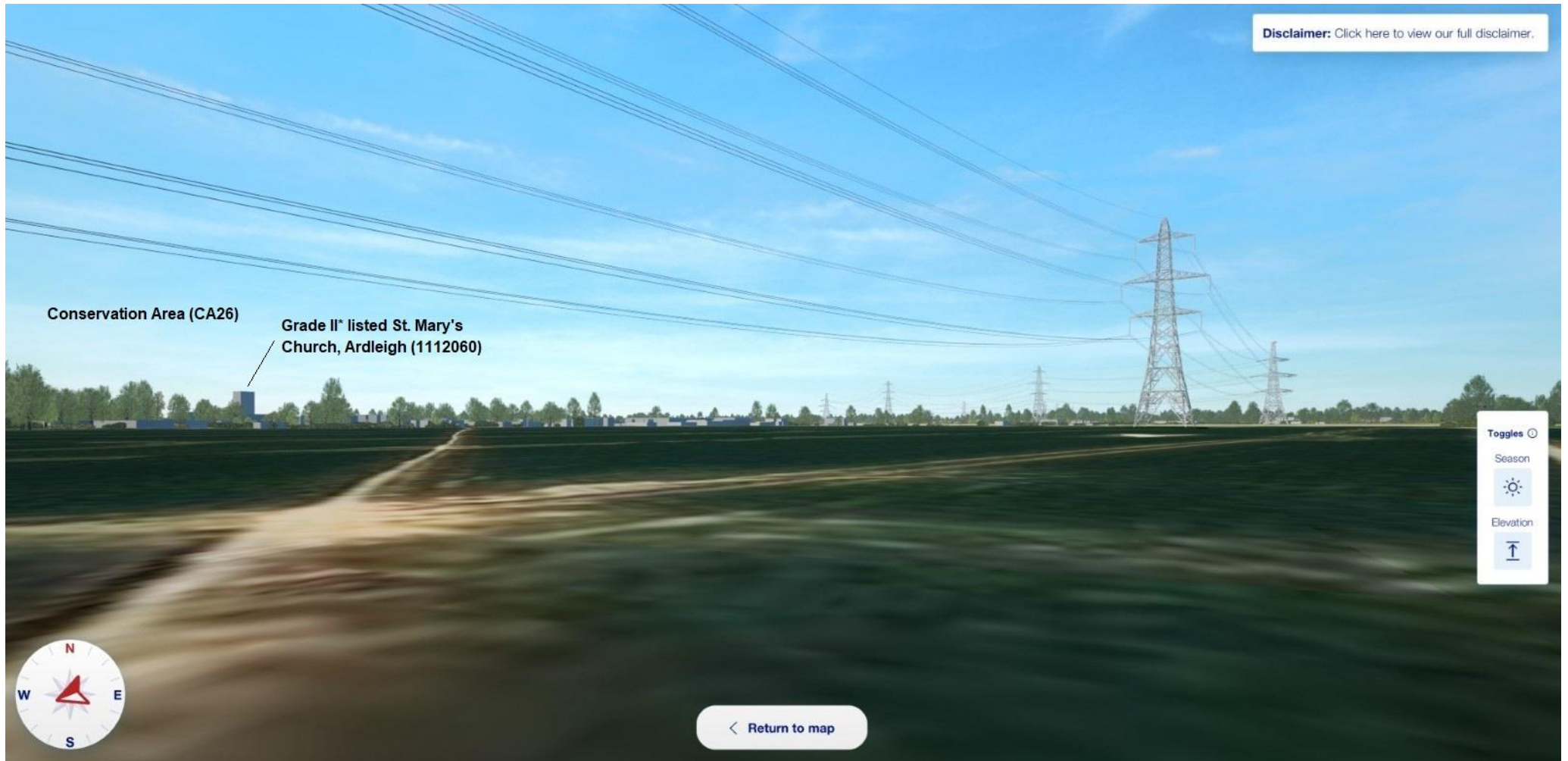
2.2.1. Images of infrastructure from Viewpoint E

The following two images from Viewpoint E were supplied by the Applicant during the 2024 Statutory Consultation, following a request from Ardleigh PC. The images show how the overhead lines would wrap around the Ardleigh Conservation Area (CA26) and the Grade II* St Mary's Church, Ardleigh (1112060). Annotations have been added to the original NGET images to show these. The approximate location of proposed EACN substation is also shown to assist with orientation.

In this section 18 underground HVAC cables would closely follow the OHL route. The alignment changes presented by the Applicant during the 2025 Statutory Consultation introduced further curvature to the alignment beyond that shown in the first image.



This image helps to illustrate the impact that the proposed pylons and overhead lines would have on the setting of the Grade II* St Mary's Church, Ardleigh (1112060). The light-coloured line extending at the approximately 45 degrees from the lower left-hand corner is PRow "Ardleigh 3".



A photograph taken from Viewpoint E by an Ardleigh resident is provided on the next page.

2.2.2. Photograph taken from Viewpoint E

Date of photograph: 2 May 2026

**Grade II* St Mary's
Church, Ardleigh**



PRoW "Ardleigh 3"

2.2.3. Images of infrastructure from Viewpoint B

The following images from Viewpoint B were supplied by the Applicant during the 2024 Statutory Consultation following a request from Ardleigh PC. The location is the intersection between PRow "Ardleigh 5" and PRow "Ardleigh 7"/Green Lane, which is approximately 700m from the church tower. The aim was to help understand the visual impact of the tall infrastructure sited behind the tower of St. Mary's Church, Ardleigh (1112060) and the rest of the Ardleigh Conservation Area (CA26). Even though the images are not very distinct, the dominance and the wide span of the tall infrastructure is clear. The first image was cropped to assist comparison with the photograph in Section 2.2.4.



Disclaimer: Click here to view our full disclaimer.



2.2.4. Photograph taken from Viewpoint B

The photograph below, taken by an Ardleigh resident from Viewpoint B, shows the current setting and prominence of the tower of the Grade II* St Mary's Church, Ardleigh in the landscape.



2.2.5. Image of infrastructure from Viewpoint A

The following image from Viewpoint A was supplied by the Applicant during the 2024 Statutory Consultation following a request from Ardleigh PC.



3. Scheduled Monument (1002146) “Crop mark site S of Ardleigh”

3.1. Images supplied by the Applicant as part of the 2025 DCO application

No images were supplied by the Applicant for this location as part of the 2025 DCO application.

3.2. Other images relating to the location

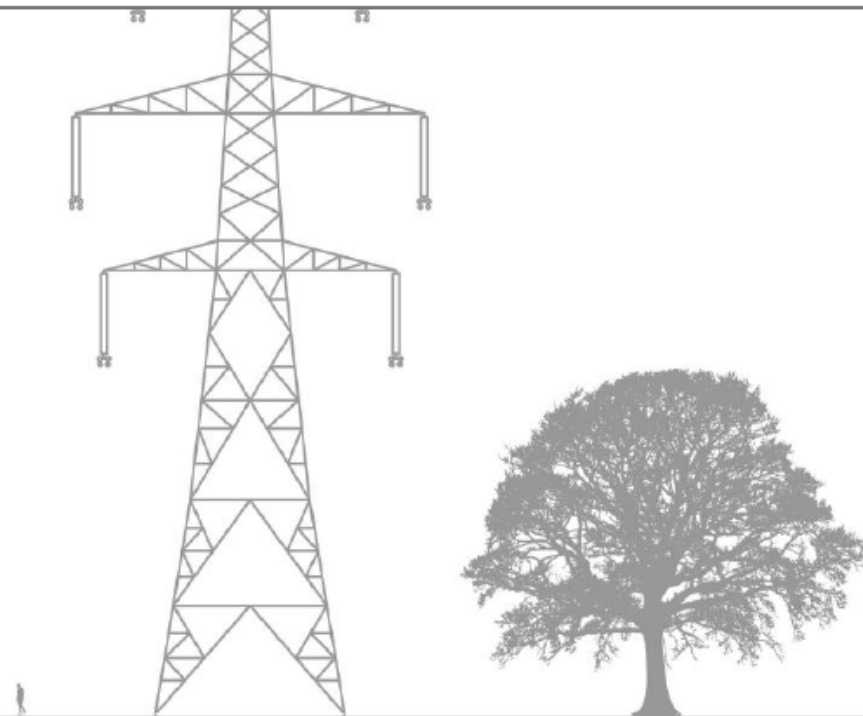
3.2.1. Image of infrastructure from Viewpoint F: Apparent height of nearest pylon

Apparent height of a 50m pylon when viewed from 160m

This is to give an indication of the view of TB6 from the edge of the scheduled monument site in Ardleigh.

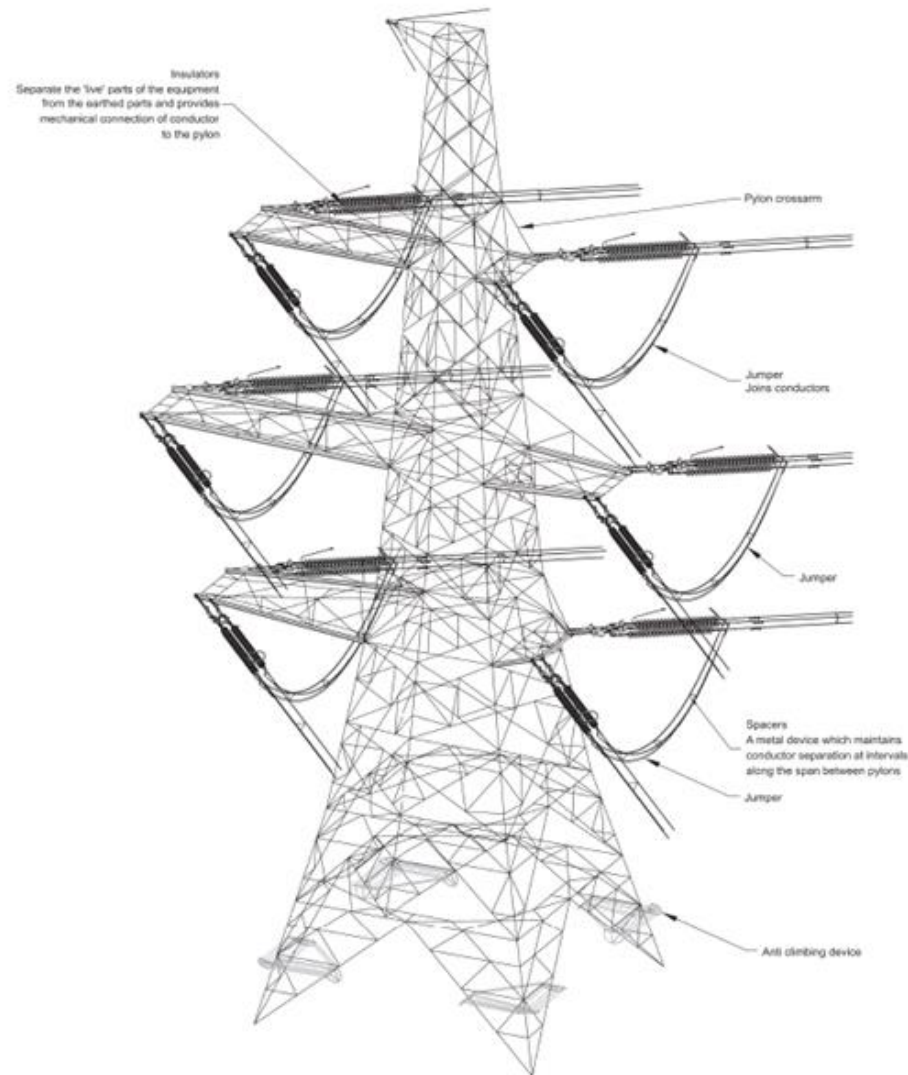
Please note the following:

- This pylon, and those adjacent to it, are angle pylons which are significantly more visually intrusive than the standard lattice pylon shown.
- The image doesn't represent the orientation of the tower – it is purely to help visualise the scale of the infrastructure.
- The 20m high tree shown is approximately the same height as St Mary's Church tower, which is currently the dominant structure in Ardleigh village.



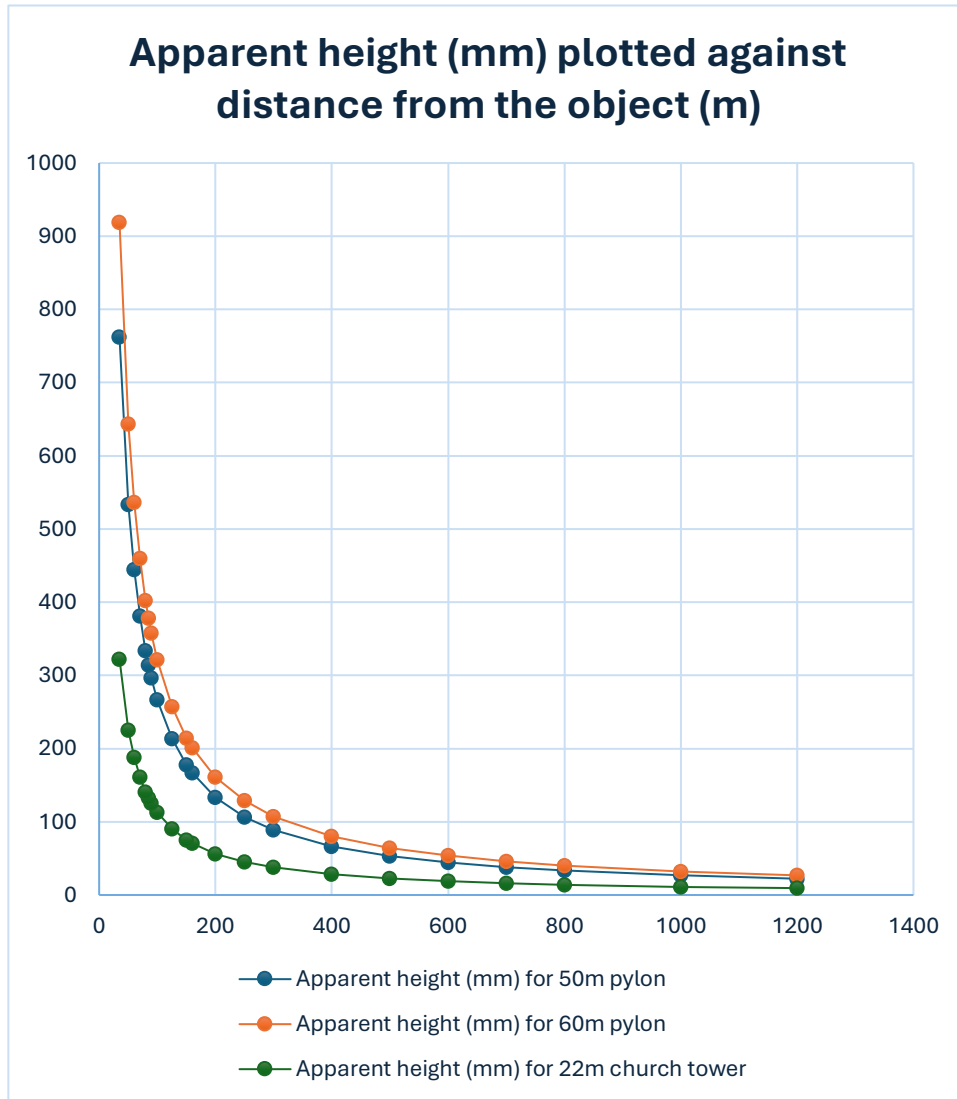
3.2.2. Image of infrastructure from Viewpoint F: “Illustrative Labelled Angle Lattice Pylon”

Image obtained from “EN020027-000274-2.6.2 Design and Layout Plans - Overhead Lines” [APP-042]. **Please note that this image is not to the same scale as the “apparent height” image in Section 3.2.1.**



3.2.3. Calculations for “apparent height”

The apparent heights stated provide an image at the same scale as the eye would see, when the diagram is printed on A3 and viewed at a distance of 500-550mm (approximately arm length).



Distance from object (m)	Apparent height (mm) for 50m pylon	Apparent height (mm) for 60m pylon	Apparent height (mm) for 22m church tower
1200	22	27	9
1000	27	32	11
800	33	40	14
700	38	46	16
600	44	54	19
500	53	64	23
400	67	80	28
300	89	107	38
250	107	129	45
200	133	161	56
160	167	201	70
150	178	215	75
125	213	257	90
100	267	322	113
90	296	358	125
85	314	379	133
80	333	402	141
70	381	460	161
60	445	536	188
50	534	644	226
35	762	919	322

4. Glebe Corner “Local Green Space 6”

4.1. Images supplied by the Applicant as part of the 2025 DCO application

No images were supplied by the Applicant for this location as part of the 2025 DCO application.

4.2. Other images relating to the location

4.2.1. Image of infrastructure from Viewpoint A

The following image from Viewpoint A was supplied by the Applicant during the 2024 Statutory Consultation following a request from Ardleigh PC, provides some indication of the impact on Glebe Corner “Local Green Space 6”. Viewpoint A is South of the A137 Ardleigh Conservation Area (CA26)

The nearest pylon to Glebe Corner would be 60m tall.



5. Fishing Lake “Local Green Space 1”

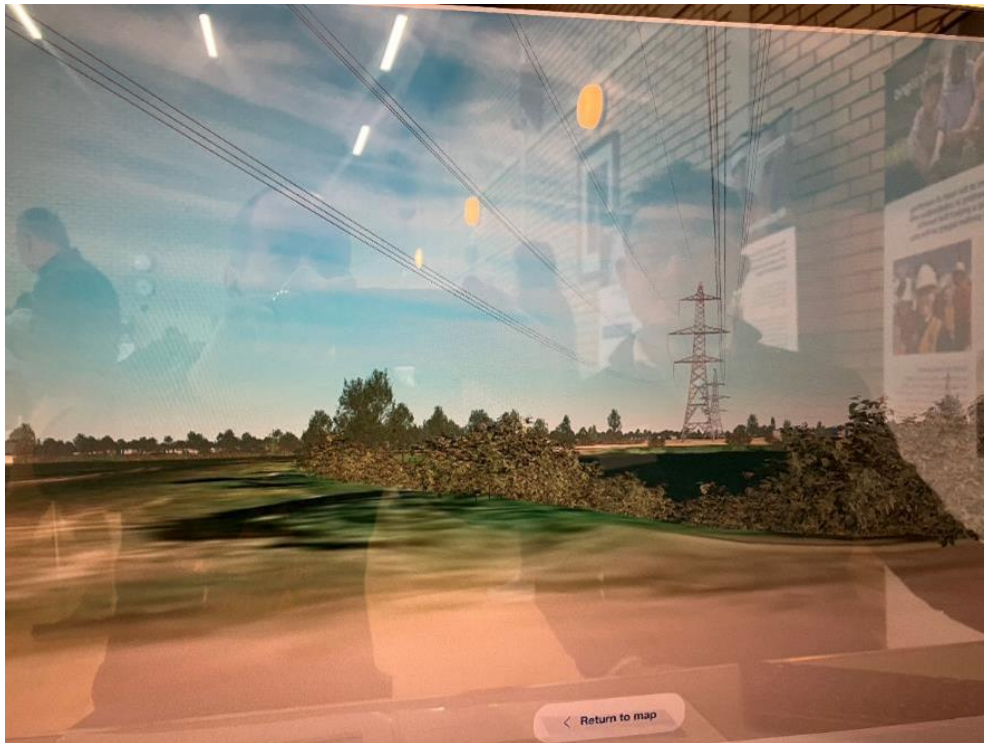
5.1. Images supplied by the Applicant as part of the 2025 DCO application

No images were supplied by the Applicant for this location as part of the 2025 DCO application.

5.2. Other images relating to the location

5.2.1. Photographs taken of the 3D CAD model presented by the Applicant during the 2024 Statutory Consultation

The computer screen photographs below, taken by an Ardleigh resident, are two views from the Applicant’s 3D CAD model. The photograph on the left shows the overhead lines spanning Fishing Lake “Local Green Space 1”. The photograph on the right includes pylon TB13, located at the edge of the fishing lake (the fishing lake is in the left-hand corner of the photograph).



5.2.2. Photographs of Fishing Lake “Local Green Space 1”

The photographs that follow, taken by an Ardleigh resident, have been included to help illustrate the beauty of this location. It is a very popular destination in the village for walkers and is along PRow “Ardleigh 22”. The lake and surrounding vegetation also provide an important habitat for wildlife.





6. Ardleigh Reservoir

6.1. Images supplied by the Applicant as part of the 2025 DCO application

6.1.1. Viewpoint 3.14: Images 3.14b and 3.14c



OS reference: 603786E 239039N
 ACD: 32.94 m
 Direction of view: 321°
 Nearest ptm: 0.66 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 287 mm (half A1)
 Correct printed image size: 820 x 285 mm

Camera: NIKON D750
 Lens: 50mm Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 13/12/2023
 Photography Time: 13:19

Notes:
 The image shows the baseline photography - the Project is not shown.

View flat at a comfortable arm's length

North to Tilbury
 7.12.F83_VP3.14b
 Viewpoint 3.14: Lodge Lane, Ardleigh Reservoir



OS reference: 603786E 239039N
 ACD: 32.94 m
 Direction of view: 321°
 Nearest ptm: 0.66 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 287 mm (half A1)
 Correct printed image size: 820 x 285 mm

Camera: NIKON D750
 Lens: 50mm Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 13/12/2023
 Photography Time: 13:19

View flat at a comfortable arm's length

North to Tilbury
 7.12.F83_VP3.14c
 Viewpoint 3.14: Lodge Lane, Ardleigh Reservoir

6.1.2. Viewpoint 3.14: Images 3.14d and 3.14e



Baseline Photograph

View flat at a comfortable arm's length

nationalgrid

OS reference: 803736E 229039N
 AOD: 32.94 m
 Direction of view: 51°
 Nearest point: 0.68 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 290 mm

Camera: NIKON D750
 Lens: Sigma Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 13/12/2023
 Photography Time: 13:19

Notes:
 The image shows the baseline photography - the Project is not shown.

Northwich to Tilbury
7.12.F83_VP3.14d
 Viewpoint 3.14: Lodge Lane, Ardleigh Reservoir



Photomontage

View flat at a comfortable arm's length

nationalgrid

OS reference: 803736E 229039N
 AOD: 32.94 m
 Direction of view: 51°
 Nearest point: 0.68 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 290 mm

Camera: NIKON D750
 Lens: Sigma Fixed Focal Length
 Camera height: 1.5 m

Photography Date: 13/12/2023
 Photography Time: 13:19

Northwich to Tilbury
7.12.F83_VP3.14e
 Viewpoint 3.14: Lodge Lane, Ardleigh Reservoir

6.2. Other images relating to the location

6.2.1. Images of infrastructure from Viewpoint C

The following two images from Viewpoint C were supplied by the Applicant during the 2024 Statutory Consultation following a request from Ardleigh PC. These show proposed angle pylon TB15 located to the East of the reservoir and the overhead lines spanning the northern section of the reservoir. Pylon TB16 to the West of the reservoir is hidden by trees in the second image.

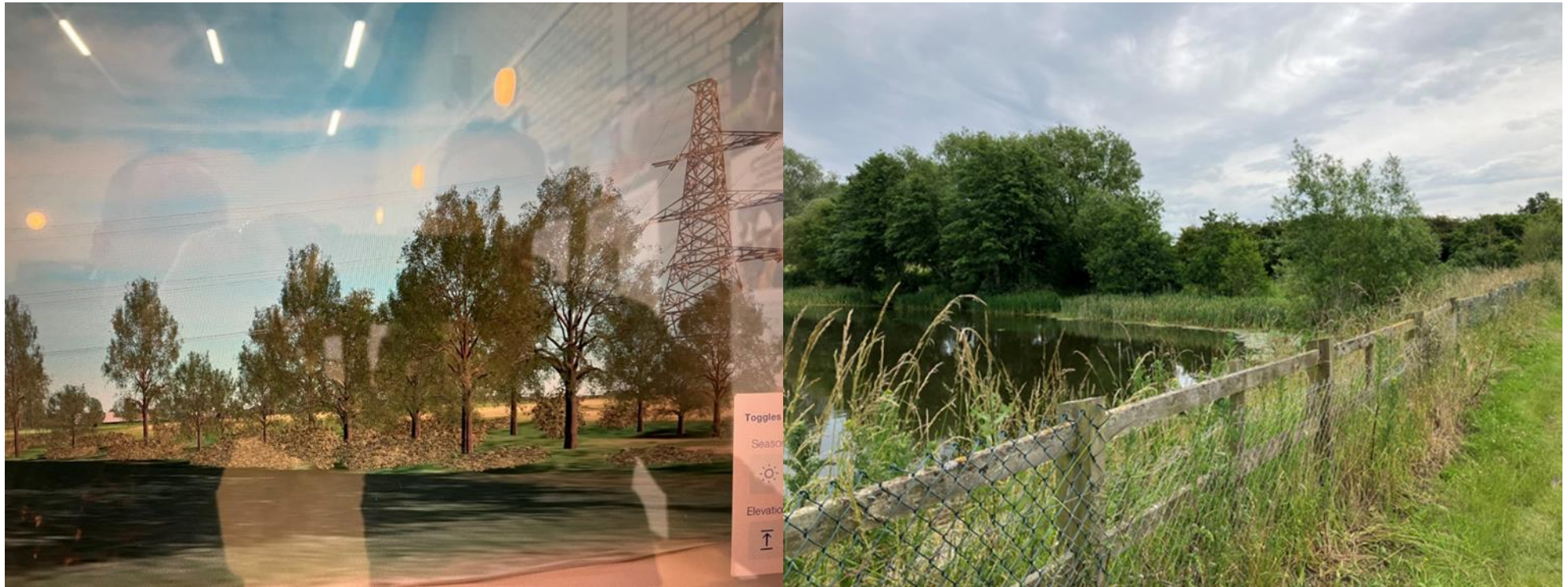


Disclaimer: Click here to view our full disclaimer.



6.2.2. Photographs taken from Viewpoint C

The photograph on the left below was taken of the 3D CAD model presented by the Applicant during the 2024 Statutory Consultation. For comparison the photograph on the right was taken by an Ardleigh resident from the same location.



The image below is a clearer view from Viewpoint C of the section of Ardleigh Reservoir that would be spanned by overhead lines. On the date this photograph was taken, 21 November 2025, approximately 30 mute swans were recorded in this section of the reservoir. It is a location where swans nest. Observations made here have been registered on iNaturalistUK.

