

BT-NG-020621-545-0187

# Bramford to Twinstead Reinforcement

Volume 6: Environmental Information

Document 6.3.6.4.2: ES Appendix 6.4 –  
Viewpoint Assessment Section C (Part 2)

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# Introduction

This appendix provides background baseline information and assessment of the representative viewpoints selected within the study area and should be read in conjunction with:

- Chapter 6: Landscape and Visual (**application document 6.2.6**);
- Appendix 6.1: Landscape and Visual Methodology (**application document 6.3.6.1**); and
- Figure 6.6: Visual Receptors and Viewpoints (**application document 6.4**).

Baseline information provided for each viewpoint includes a location map, baseline description, baseline photo and key characteristics of the existing view. The information also includes a judgement on the value of the view, the susceptibility of the (most susceptible) receptor group and the magnitude of change which is likely to arise.

The viewpoint assessment is split into seven parts, one for each section of the project.

- Section AB: Bramford/Hintlesham;
- Section C: Brett Valley (this document);
- Section D: Polstead;
- Section E: Dedham Vale Area of Outstanding Natural Beauty (AONB);
- Section F: Leavenheath/Assington;
- Section G: Stour Valley; and
- Section H: Grid Supply Point (GSP) Substation.

The assessment presented within this appendix (including that shown on the wirelines) is based on the Proposed Alignment shown on Figure 4.1: The Project (**application document 6.4**). As this is a Nationally Significant Infrastructure Project, National Grid is seeking consent for horizontal and vertical Limits of Deviation (LoD) within which the final alignment would lie and therefore there is some flexibility. This is described in Chapter 4: Project Description (**application document 6.2.4**).

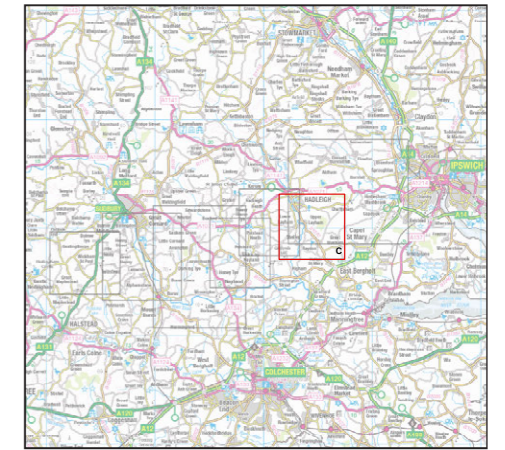
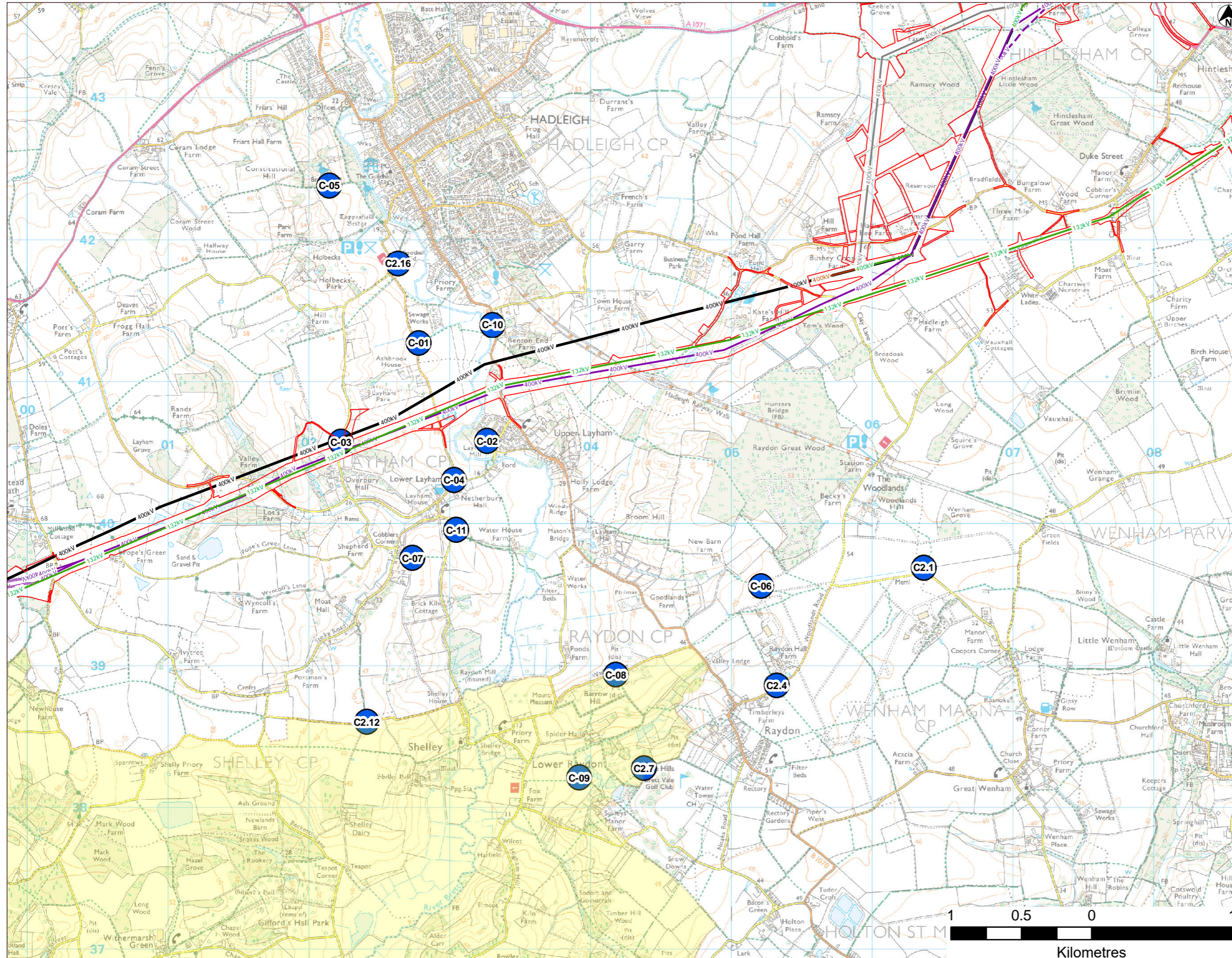
The wirelines presented in this appendix have been produced to illustrate the predicted level of change in views and support the assessment process. As the existing 400kV overhead line to be retained and the 132kV overhead line to be removed are integral parts of the baseline, they have been included on the baseline wirelines for comparison against the wirelines of the project. Existing pylons, gantries and conductors which are being retained are depicted in black. The project, including pylons, gantries, cable sealing end (CSE) compounds and GSP substation are shown in red.

The reinforcement would include approximately 18km of overhead line (consisting of approximately 50 new pylons, and conductors). It is assumed that this reinforcement would operate at least 400kV in a similar way to the majority of the rest of the transmission network. For the purposes of this report, the new overhead line is referenced as 'proposed 400kV overhead line' to differentiate it from the existing 400kV overhead line and the UK Power Networks (UKPN) owned 132kV overhead line.



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# Viewpoint Location Map - Section C: Brett Valley



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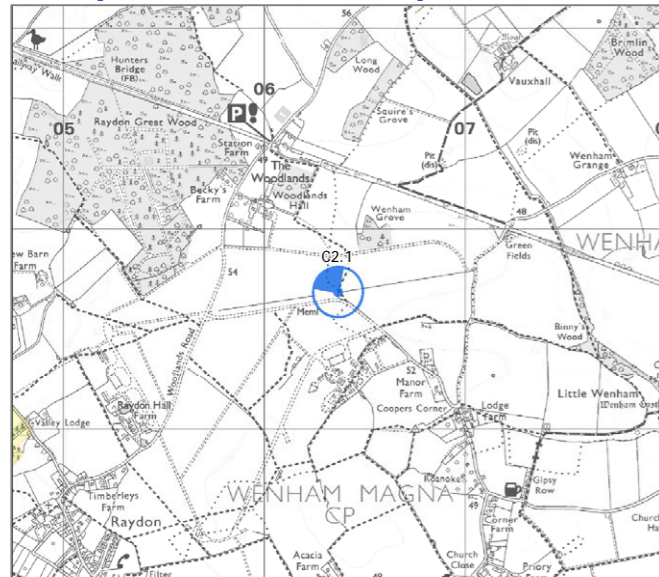
### KEY:

- Viewpoint Location
- Area of Outstanding Natural Beauty
- Order Limits
- 400kV Existing 400kV overhead line
- 400kV Proposed Modification to 400kV overhead line
- 400kV Proposed Realignment of existing 400kV overhead line
- 400kV Proposed Removal of 400kV overhead line
- 132kV Proposed Removal of 132kV overhead line
- 400kV Proposed 400kV overhead line
- 400kV Temporary 400kV overhead line
- 400kV Proposed 400kV underground cables

These plans show the Order Limits and Proposed Alignment. Due to the need for future flexibility, National Grid will be applying for Limits of Deviation within its Development Consent Order, within which any final alignment would lie. Therefore the Proposed Alignment should be treated as indicative only.

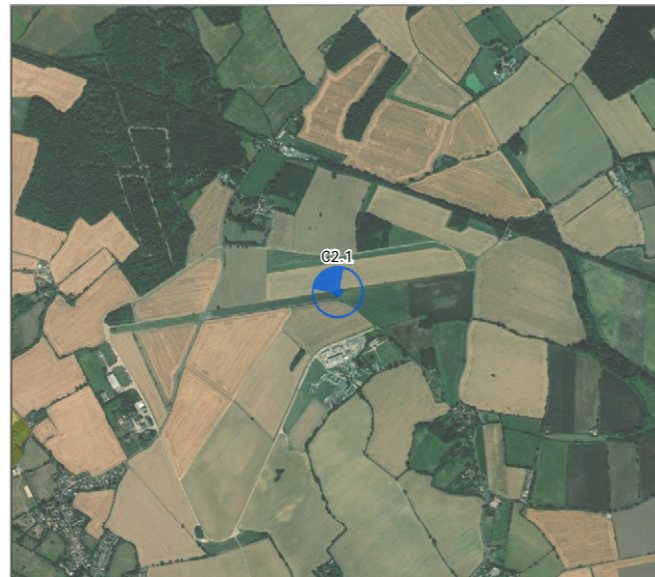
# Viewpoint C2.1: View from the Public Right of Way (PRoW) to the North-West of Coopers Corner

## Viewpoint Location Map



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## Aerial Photo



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## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	606366, 239691 (52.017247, 1.006019)
<b>Approx. Elevation</b>	54m Above Ordnance Datum (AOD)
<b>General Direction of View</b>	NW (325°)
<b>Approx. Distance to the Project</b>	1935m to LoD / 1755m to Order Limits
<b>Time / Date</b>	09:45 / 22 April 2021
<b>Weather / Visibility</b>	Clear / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the dispersed community north of Coopers Corner and users of the PRoW network. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The large arable field in the foreground is crossed by an informal footpath and forms part of an area of open farmland which was the former Raydon airfield. Views are contained in the mid-ground by woodland including Raydon Great Wood, The Woodlands, Wenham Grove and vegetation along the former Hadleigh railway (now Hadleigh Railway Walk). Buildings associated with Woodlands Hall are seen in the centre of the view which is otherwise relatively featureless. The existing 132kV overhead line crosses the view but only the tops of the pylons are visible above the trees. The top of one of the pylons on the existing 400kV overhead line is also discernible to the right of the view. Due to the distribution of vegetation, general visibility is greater in winter than in summer, although this has little effect on the prominence of the pylons.

Value of view - **medium**

## Supplementary Photos from Viewpoint



Photo east along road from the viewpoint showing open roadside and distinctive hedgerow along old airfield.



View west from the viewpoint along the old airfield which has an open and slightly elevated feel.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)





### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but would be partially obscured by the intervening vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

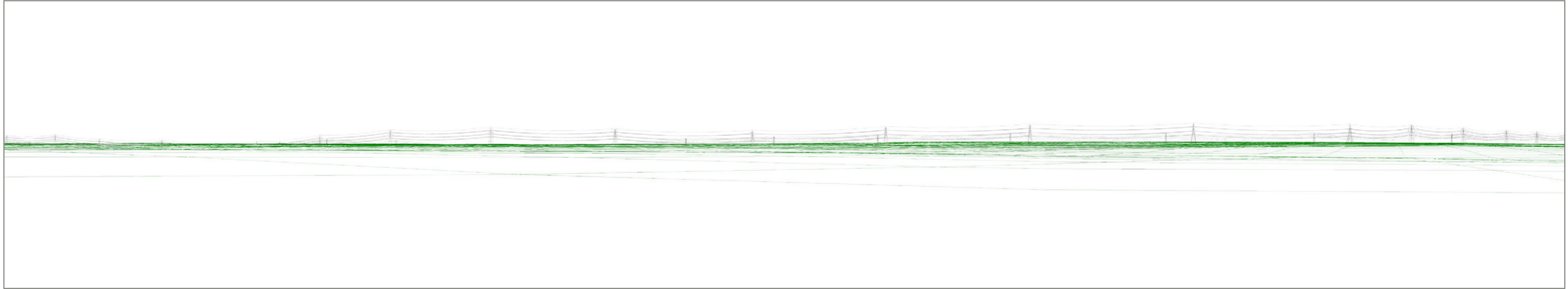
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly along the same alignment but slightly closer to the viewpoint means that larger and more noticeable pylons would be present on the skyline. This would result in an adverse change to the view but would not fundamentally alter its composition or character as pylons are already a baseline element. Due to the intervening distance and presence of vegetation, it is anticipated that the magnitude of visual change would be **small**.

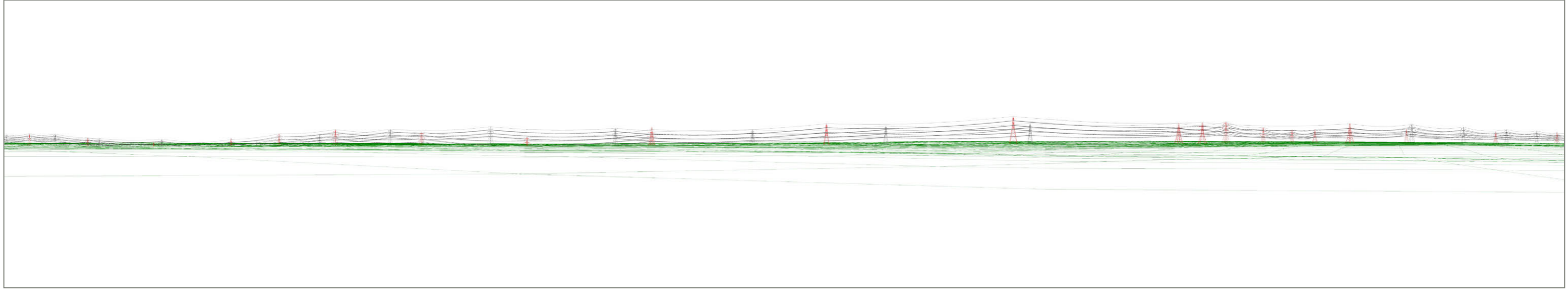
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

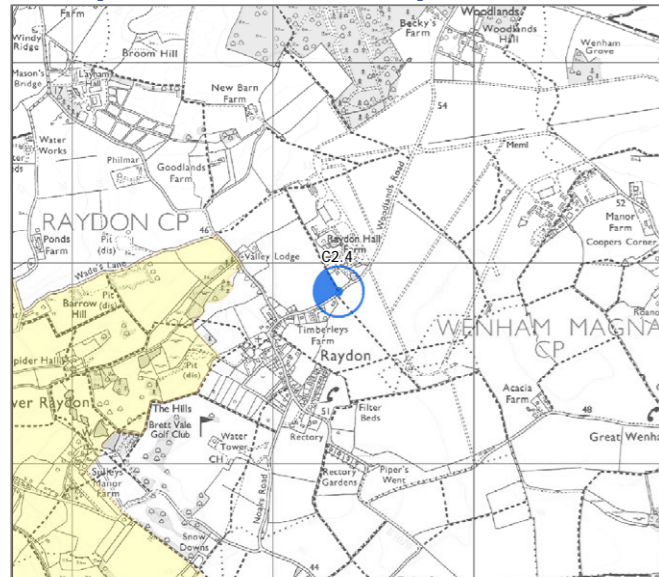


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C2.4: View from Woodlands Road to the North of Raydon

## Viewpoint Location Map



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## Aerial Photo



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## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	605322, 238861 (52.010183, 0.990339)
<b>Approx. Elevation</b>	53m AOD
<b>General Direction of View</b>	W (283°)
<b>Approx. Distance to the Project</b>	2335m to LoD / 2335m to Order Limits
<b>Time / Date</b>	09.37 / 22 April 2021
<b>Weather / Visibility</b>	Clear / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the community of Raydon and users of the PRow network close to the AONB. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The large arable field in the foreground slopes gently away from the viewpoint towards the upper reaches of a shallow tributary valley of the River Brett where the roofs of buildings at Valley Lodge are discernible amongst the trees and dwellings on the northern edge of Raydon can be seen in the background. Beyond the valley, the farmland extends to a low wooded horizon, which to the left of the view falls within the Dedham Vale AONB. The existing 132kV and more distant 400kV overhead lines are visible on the horizon with the lower parts of the pylons variably obscured by vegetation. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

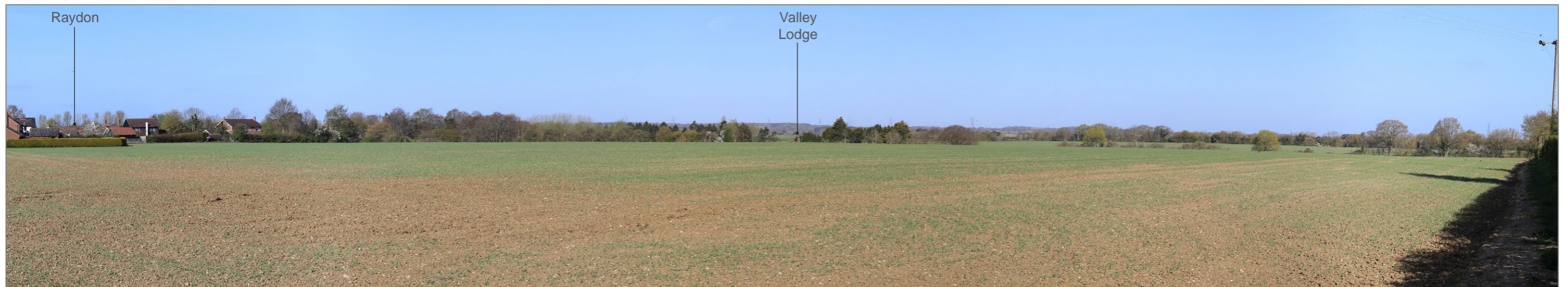
Value of view - **high**

## Supplementary Photos from Viewpoint



Photo to the left of the viewpoint showing properties at Raydon along Woodlands Road and Upper Street with hedgerows along property boundaries.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



## Description of Effects

### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but would be partially obscured by the intervening vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

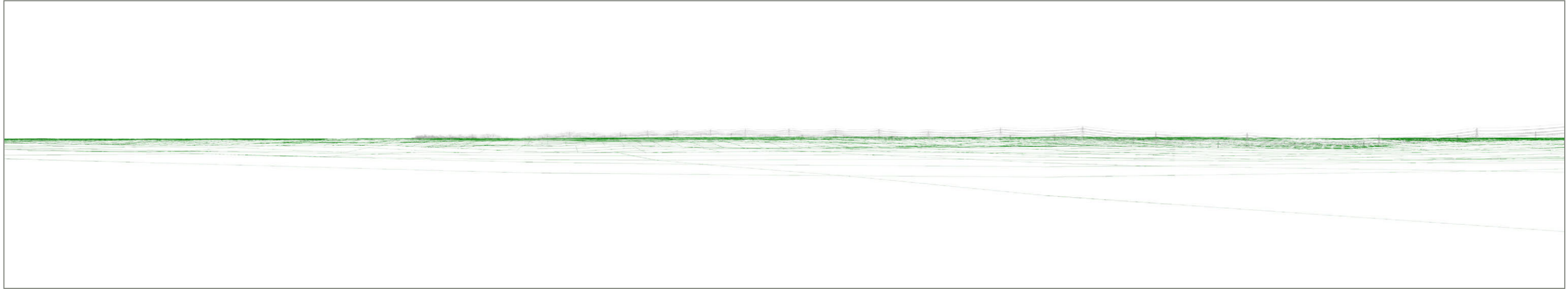
### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but slightly closer to the viewpoint means that larger and more noticeable pylons would be present on the skyline. This would result in an adverse change to the view but would not fundamentally alter its composition or character as pylons are already a baseline element. The new pylons would be more noticeable in winter due to the absence of foliage on the foreground trees. Due to the intervening distance and presence of vegetation, it is anticipated that the magnitude of visual change would be **small**.

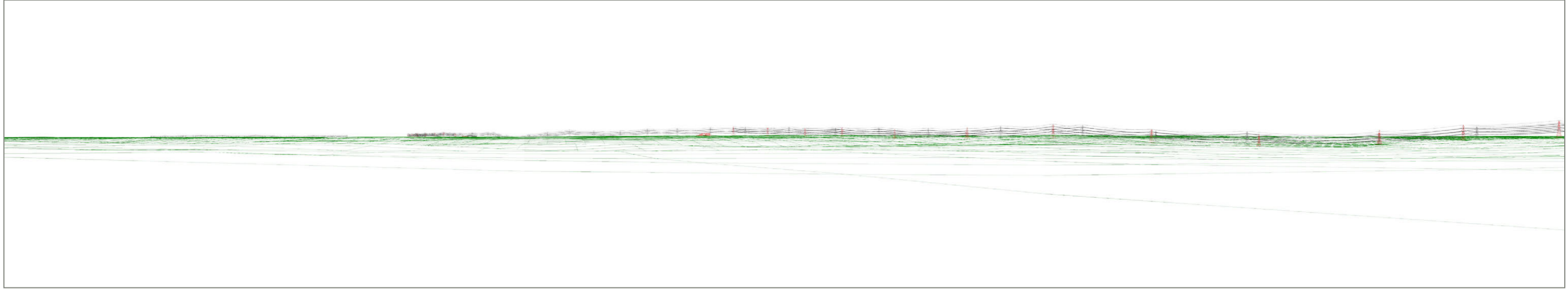
### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of change described for Year 1 would continue to be experienced by receptors.

## Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

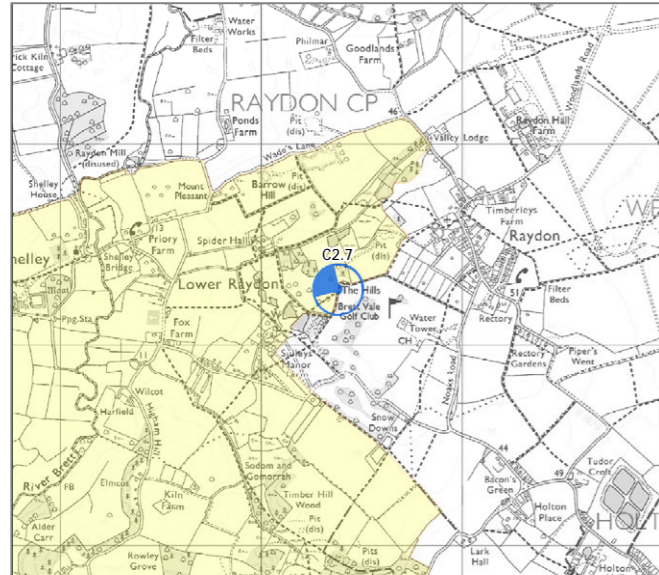


## Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C2.7: View from the PRow adjacent Brett Vale Golf Club

## Viewpoint Location Map



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## Aerial Photo



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## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	604382, 238271 (52.005233, 0.976314)
<b>Approx. Elevation</b>	48m AOD
<b>General Direction of View</b>	NW (301°)
<b>Approx. Distance to the Project</b>	2755m to LoD / 2550m to Order Limits
<b>Time / Date</b>	12.00 / 8 March 2022
<b>Weather / Visibility</b>	Overcast / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the edge of the Dedham Vale AONB and represents the views by visitors to the AONB and visitors to Brett Golf Club. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The elevated location affords panoramic views out across the rolling and well-wooded farmland within the AONB towards a distant wooded horizon where pylons on the 132kV overhead line and 400kV overhead line are perceptible. To the right of the view, the distinctive steeple of St Mary's Church in Hadleigh and part of Hadleigh are discernible beyond the golf course in the mid-ground. A large property at Shelley is also noticeable through the vegetation. Due to the extent of trees in the foreground there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **high**

## Supplementary Photos from Viewpoint



To the south-east of the viewpoint, Raydon water tower is a distinctive skyline feature.



To the south-west, planting associated with gardens at Sulleys Manor Farm and along Sulleys Hill limits longer distance views.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but would be partially obscured by the intervening vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

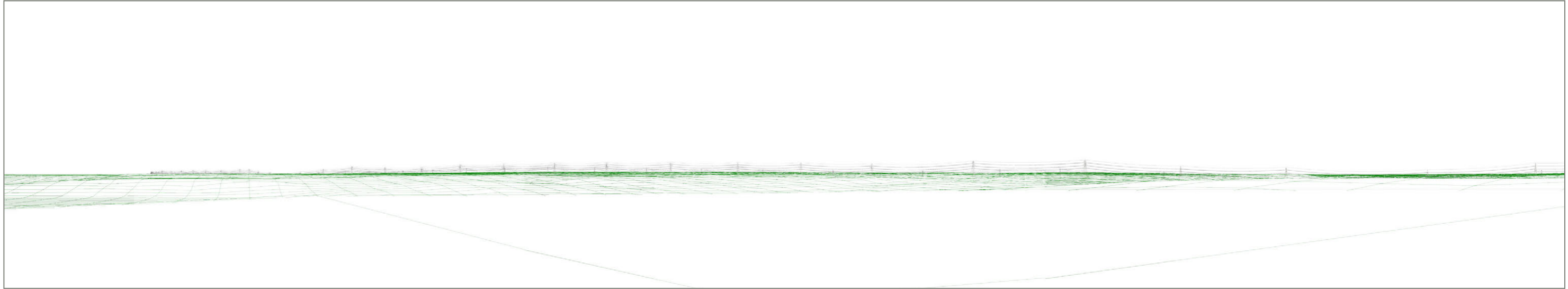
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line broadly along the same alignment but slightly closer to the viewpoint means that larger and more noticeable pylons would be present on the skyline. This would result in an adverse change to the view but would not fundamentally alter its character as pylons are already a baseline element. The new pylons would be more noticeable in winter due to the absence of foliage on the foreground trees. Due to the intervening distance and presence of vegetation, it is anticipated that the magnitude of visual change would be **small**.

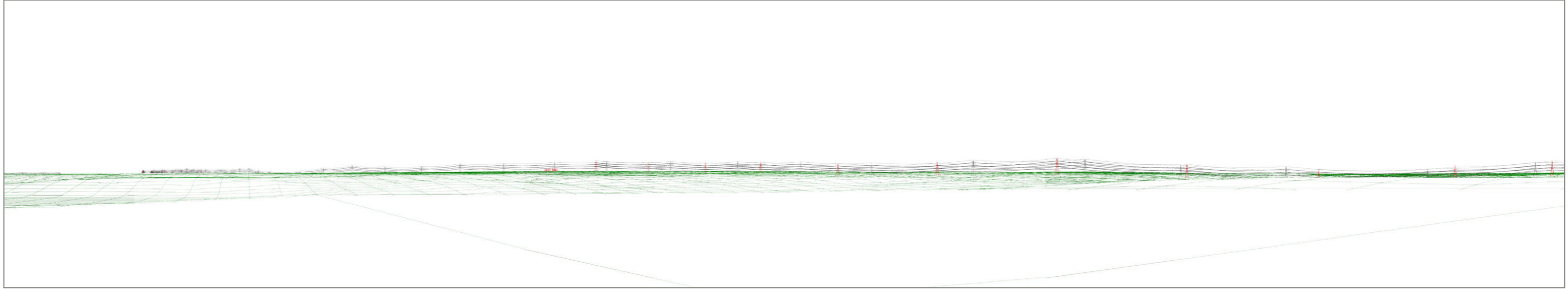
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

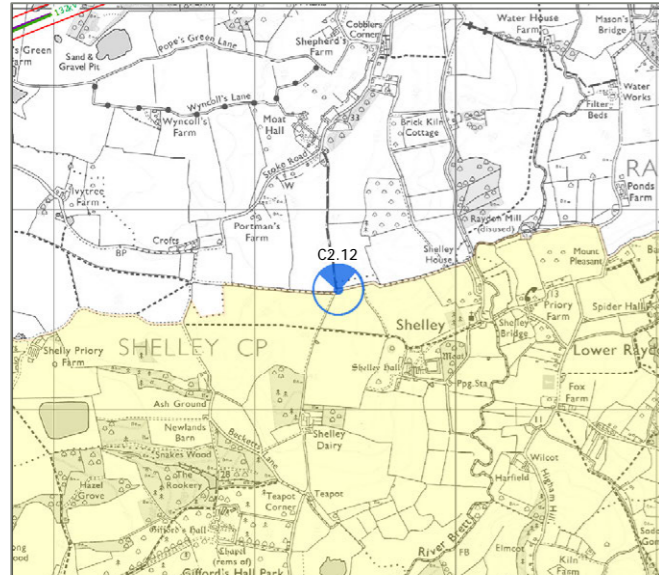


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



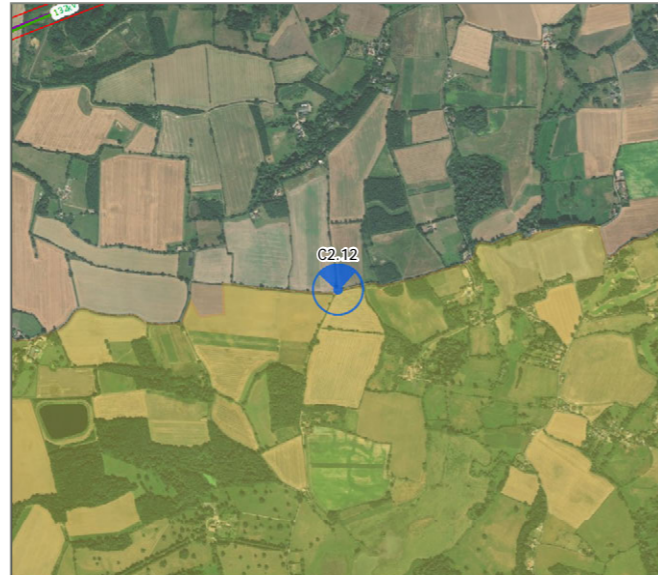
# Viewpoint C2.12: View from the Bridleway North-West of Shelley

## Viewpoint Location Map



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## Aerial Photo



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## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	602412, 238601 (52.008918, 0.947842)
<b>Approx. Elevation</b>	47m AOD
<b>General Direction of View</b>	N (357°)
<b>Approx. Distance to the Project</b>	1760m to LoD / 1590m to Order Limits
<b>Time / Date</b>	12.37 / 8 March 2022
<b>Weather / Visibility</b>	Overcast / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the boundary of the AONB and Brett Valley Special Landscape Area (SLA). It represents the views experienced by people using the PRow and local road network and The Painters Trail. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The large arable field in the foreground slopes gently away from the viewpoint before inclining more steeply towards a tributary valley of the River Brett where woodland along the valley obscures longer views. A small woodland block is present on the mid-ground horizon but otherwise the view is relatively featureless. The existing 400kV overhead line crosses the background and there are occasional glimpses of the top of the 132kV pylons between the trees. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **high**

## Supplementary Photos from Viewpoint



In spring, crops further contain views.



There are glimpsed views towards the existing overhead lines to the north-east with Raydon Great Wood to the right.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but would be partially obscured by the intervening vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

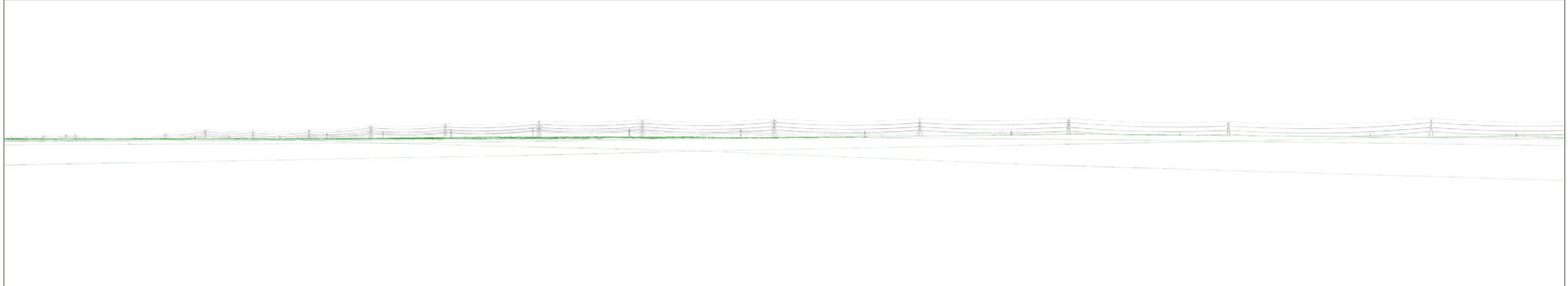
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line broadly along the same alignment but slightly closer to the viewpoint means that larger and more noticeable pylons would be present on the skyline. This would result in an adverse change to the view but would not fundamentally alter its composition or character as pylons are already a baseline element. The new pylons would be more noticeable in winter because of the lack of foliage on the foreground trees. Due to the intervening distance and presence of vegetation, it is anticipated that the magnitude of visual change would be **small**.

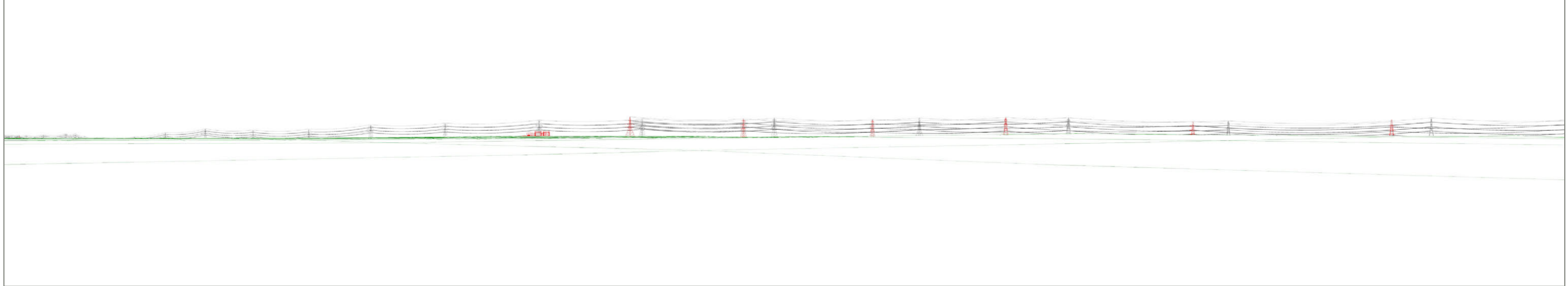
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

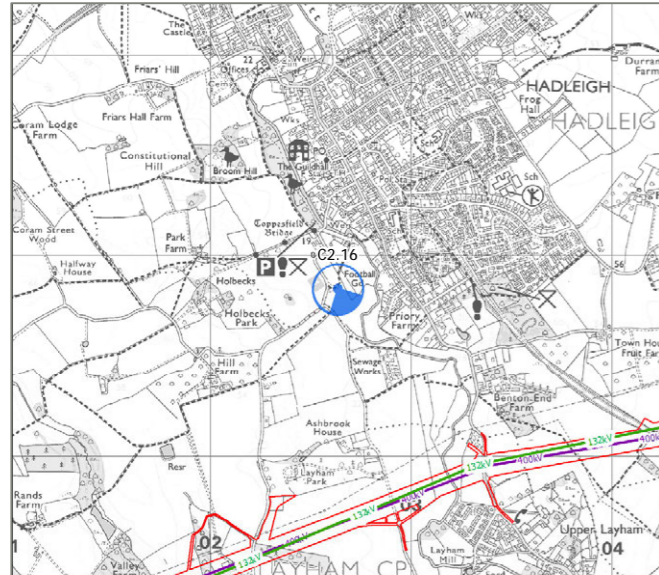


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C2.16: View from Sports Grounds on the Edge of Hadleigh

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	602634, 241835 (52.037871, 0.952991)
<b>Approx. Elevation</b>	18m AOD
<b>General Direction of View</b>	S (152°)
<b>Approx. Distance to the Project</b>	1040m to LoD / 1005m to Order Limits
<b>Time / Date</b>	17.13 / 27 April 2021
<b>Weather / Visibility</b>	Clear / Very Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people living and moving around the community of Hadleigh and users of the PRow network. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The recreational field in the foreground is bordered by hedgerows and trees, including the riparian woodland along the River Brett. Beyond the field, the landform on the south side of the river rises and rolling arable fields can be seen through the riverside trees. Blocks of woodland around Overbury Hall are visible on the distant horizon. The existing 132kV and more distant 400kV overhead lines are glimpsed between the trees but are not prominent. Due to the distribution of vegetation along the course of the River Brett, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

## Supplementary Photos from Viewpoint



To the east of the viewpoint, the edge of Hadleigh is visible beyond the vegetation along the River Brett.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)





### Description of Effects

#### Construction Year

Receptors would have glimpses of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. Due to the intervening distance and presence of vegetation, it is anticipated that the change to the view would be adverse, and the magnitude of visual change would be **negligible**.

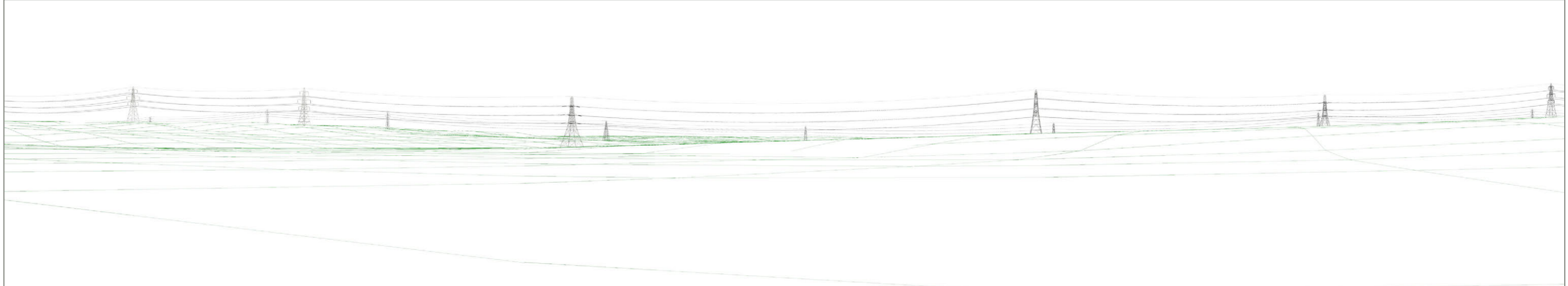
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line broadly along the same alignment but slightly further from the viewpoint means that top of a 400kV pylon may be glimpsed between the trees beyond the existing 132kV overhead line. This would result in an adverse change to the view but would not fundamentally alter its composition or character as pylons are already a baseline element. Due to the intervening distance and presence of vegetation, it is anticipated that the change to the view would be adverse, and the magnitude of visual change would be **negligible**.

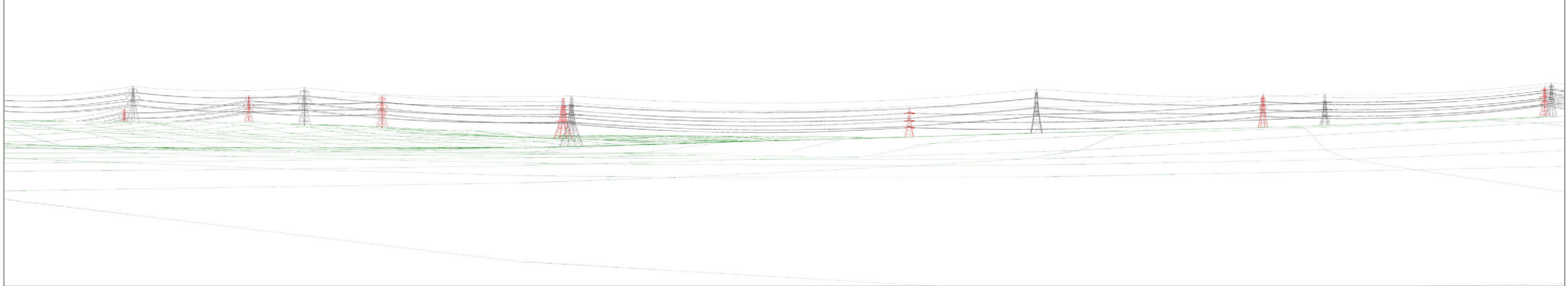
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further from the viewpoint would continue to result in an overall adverse change and therefore, the **negligible** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

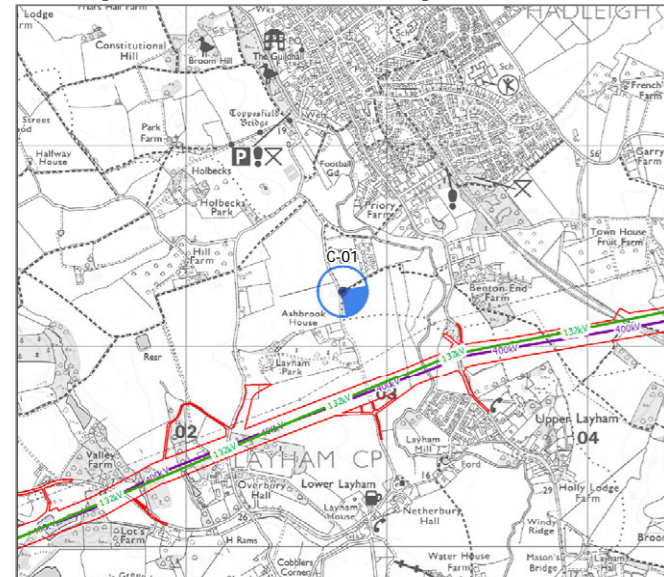


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-01: View from the PRow near Ashbrook House, in the Brett Valley

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	602782, 241274 (52.032785, 0.954801)
<b>Approx. Elevation</b>	21m AOD
<b>General Direction of View</b>	SE (125°)
<b>Approx. Distance to the Project</b>	465m to LoD / 465m to Order Limits
<b>Time / Date</b>	17.18 / 27 April 2021
<b>Weather / Visibility</b>	Clear / Very Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people using the local PRow network. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

A gap in the roadside hedgerow affords long views out across a large arable field which slopes gently away from the viewpoint towards the shallow valley of the River Brett. To the left of the view, the landform rises and the farmland becomes more wooded. Dwellings and buildings associated with Benton End Farm can be seen between the trees. To the right, the valley floor broadens out and there are views to the well-treed settlements of Upper Layham and Lower Layham, beyond which the edge of the AONB is distantly visible. A row of tall poplars to the far right of the view marks the course of the river as it flows around Layham Park. The tower of St Andrew's Church in Layham and Raydon water tower are discernible between the trees on the distant horizon. The 400kV and more distant 132kV overhead lines cross the view and a cluster of pylons is very noticeable on the skyline next to the woodland at Benton End Farm. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases but has little effect on the visibility of the existing pylons.

Value of view - **medium**

## Supplementary Photos from Viewpoint



Views to the south-west of the viewpoint across Layham Road, with the existing 400kV overhead line visible between and above the trees.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have mid-range views of the works to dismantle the existing 132kV overhead line and construct the new 400kV overhead line in the mid-ground. The works would only be present at each pylon location for a short period of time and would be more noticeable to the left of the view where the landform rises and access tracks and construction activities would be more visible. Given the existing visual context and presence of screening vegetation it is anticipated that the magnitude of adverse change would be **small**.

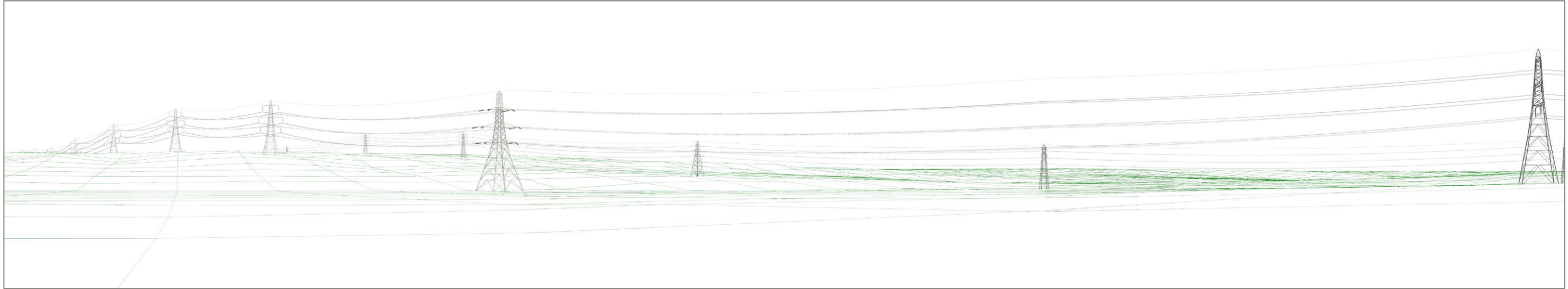
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment means that the larger 400kV pylons would be more noticeable despite being further from the viewpoint, particularly on the rising land to the left of the view. This would result in an adverse change. Given that the existing 400kV pylons would still be present across the view it is anticipated that the magnitude of this visual change would be **medium-small**.

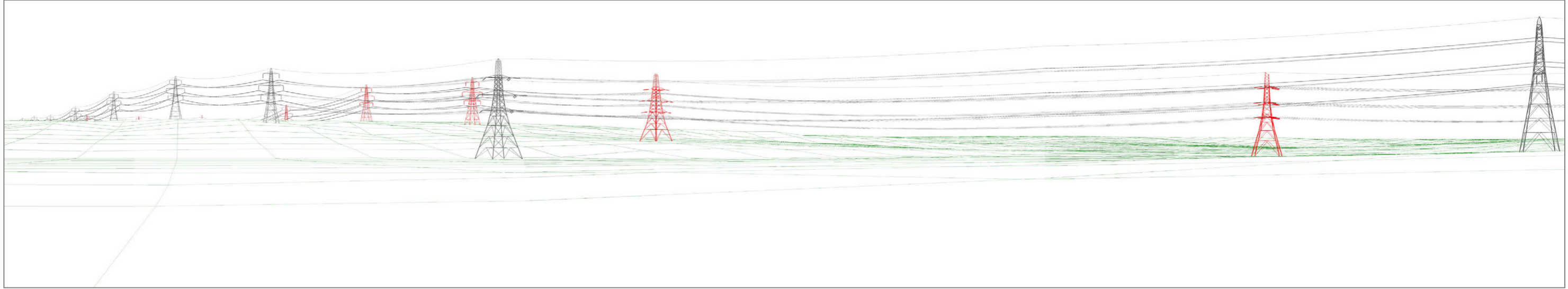
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further from the viewpoint would continue to result in an overall adverse change and therefore, the **medium-small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

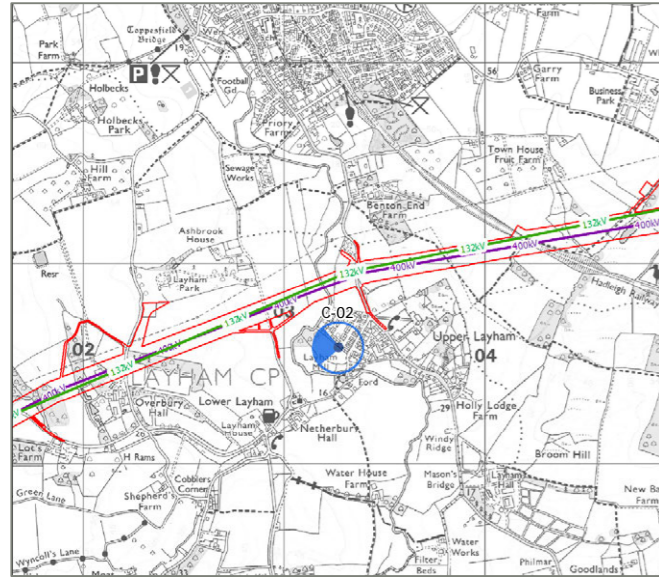


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-02: View from Recreation Ground off Brett Green Road

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	603268, 240586 (52.026431, 0.961470)
<b>Approx. Elevation</b>	16m AOD
<b>General Direction of View</b>	W (275°)
<b>Approx. Distance to the Project</b>	250m to LoD / 225m to Order Limits
<b>Time / Date</b>	13.11 / 8 March 2022
<b>Weather / Visibility</b>	Overcast / Very Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people living and moving around the community of Layham and people using Brett Green Park. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The foreground comprises a recreational field bordered by hedgerows and trees. Some tall poplars beyond the hedgerow mark the course of the River Brett. In the mid-ground the landform starts to rise and rolling arable fields can be seen through the trees. Blocks of woodland around Overbury Hall are visible on the distant horizon. The existing 132kV and more distant 400kV overhead lines are glimpsed between the trees but are not prominent even in winter when views are more open. Due to the distribution of vegetation along the course of the River Brett, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

## Supplementary Photos from Viewpoint



Views out from the nearby playground to the left of the viewpoint are contained by the surrounding vegetation.



A dense hedgerow limits views from the properties on the edge of Upper Layham on Brett Green behind the viewpoint.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have mid-range views of the works to dismantle the existing 132kV overhead line and construct the new 400kV overhead line. The works would only be present at each pylon location for a short period of time and would be partially screened by the intervening vegetation particularly in summer when the trees are in full foliage. It is therefore anticipated that the magnitude of adverse change would be **small**.

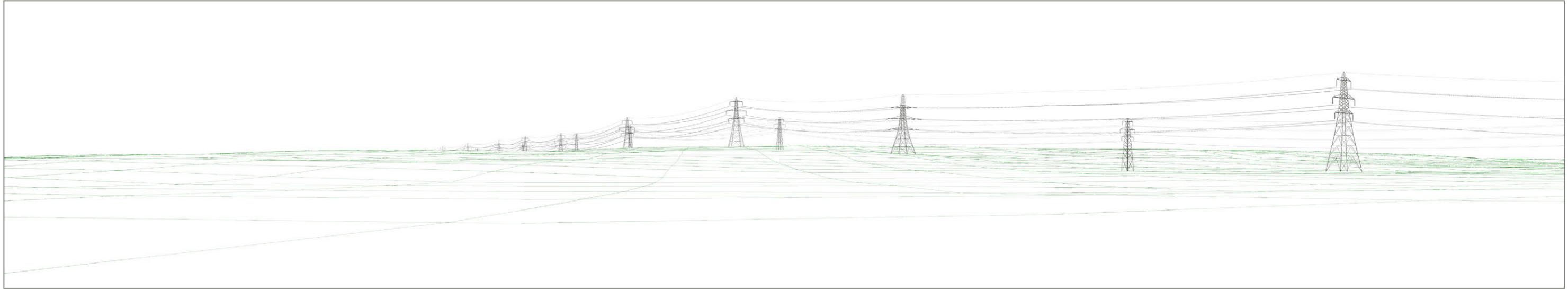
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but slightly closer to the viewpoint means that larger and more noticeable pylons would be present in the view. This would result in an adverse change to the view but would not fundamentally alter its composition or character as pylons are already a baseline element. Although the lower parts of the pylons would be obscured by vegetation, their size and proximity mean that the magnitude of change would be **medium-small**.

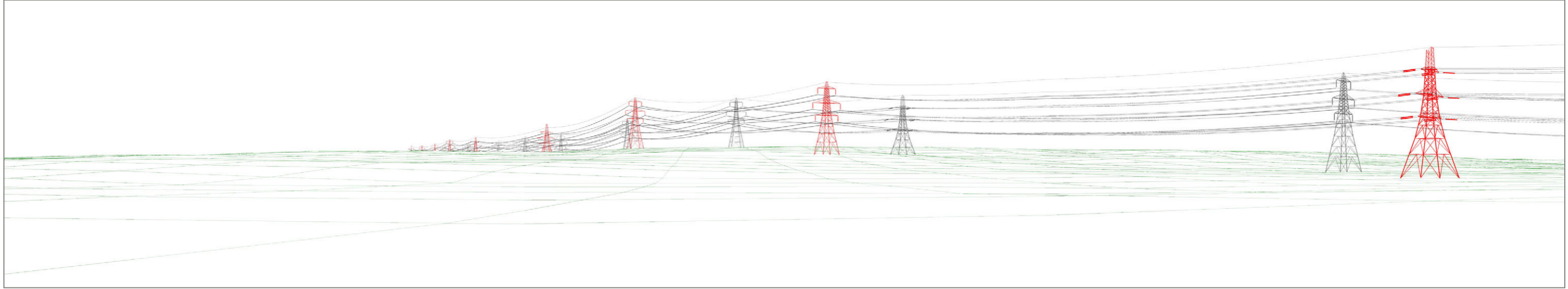
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **medium-small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

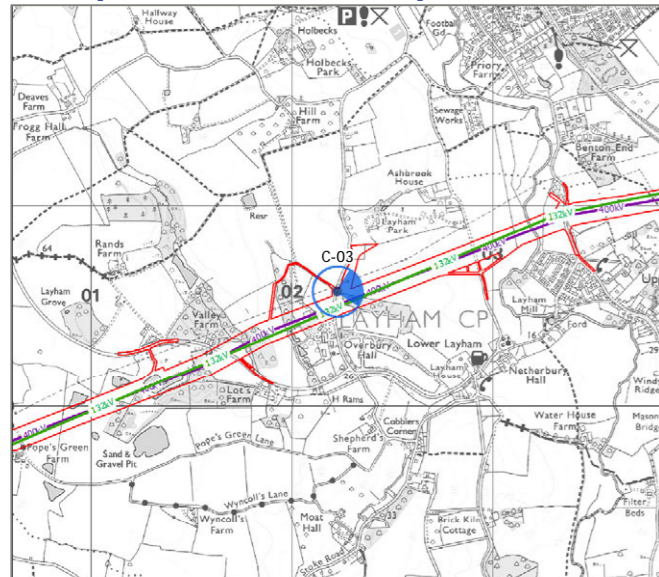


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-03: View from Overbury Hall Road

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	602228, 240575 (52.026708, 0.946331)
<b>Approx. Elevation</b>	51m AOD
<b>General Direction of View</b>	E (077°)
<b>Approx. Distance to the Project</b>	10m to LoD / 0m to Order Limits
<b>Time / Date</b>	16.14 / 27 April 2021
<b>Weather / Visibility</b>	Clear / Very Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people living and moving around the dispersed community to the south-west of Hadleigh. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The slightly elevated location on the western side of the Brett Valley affords panoramic north-easterly views across the valley towards Layham and Raydon Great Wood beyond. To the left of the view, dwellings at Hadleigh can be discerned in the distance. The existing 132kV and 400kV overhead lines are prominent in the view as they run in broadly parallel alignment across the Brett Valley and up the eastern valley side where they create a cluster of pylons on the distant skyline. From here the existing 400kV overhead line can be seen diverging in a north-easterly direction to cross Hintlesham Woods. Due to the limited amounts of vegetation within this area, the visibility of pylons is broadly similar in summer and winter.

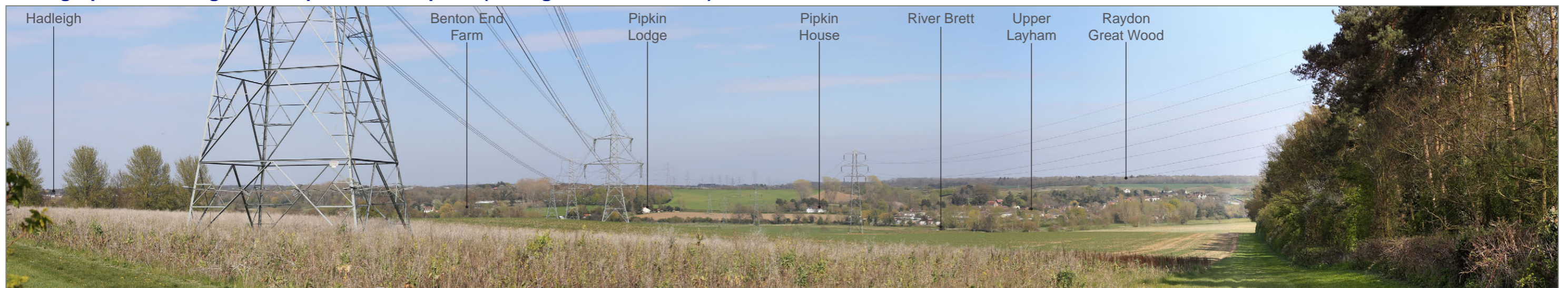
Value of view - **medium**

## Supplementary Photos from Viewpoint



Views continue west from the viewpoint along the 400kV overhead line across Overbury Hall Road, but landform and vegetation limit longer distance views.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

This viewpoint is located within in the Order Limits at a bellmouth on an 8m temporary access route. Receptors would have views of the works to dismantle the existing 132kV overhead line and construct the new 400kV overhead line along broadly the same alignment but slightly to the south of the existing 132kV overhead line, extending down and across the field towards Upper Layham. An 8m temporary access route would be present in the foreground. Removal of a section of woodland (out of the field of view to the right) and vegetation removal along the course of the River Brett would be noticeable. In the background the works would be visible on the skyline. Overall, although the construction activities would be temporary, short term and reversible, their prominence would result in a **medium** magnitude of adverse visual change.

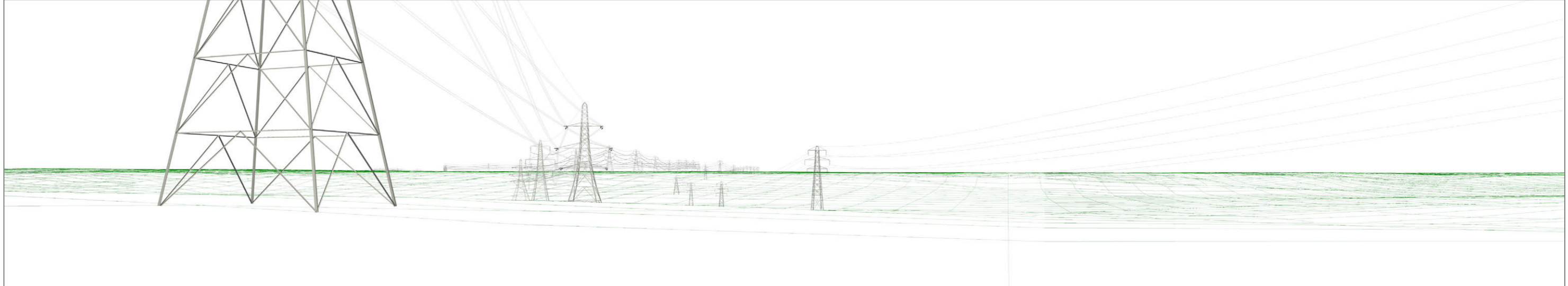
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but slightly to the south of the existing 132kV overhead line means that larger and more noticeable pylons would be present in the view. This would result in an adverse change to the view but would not fundamentally alter its composition or character as pylons are already a baseline element. Due to the openness of the view, it is anticipated that the magnitude of change would be **medium**.

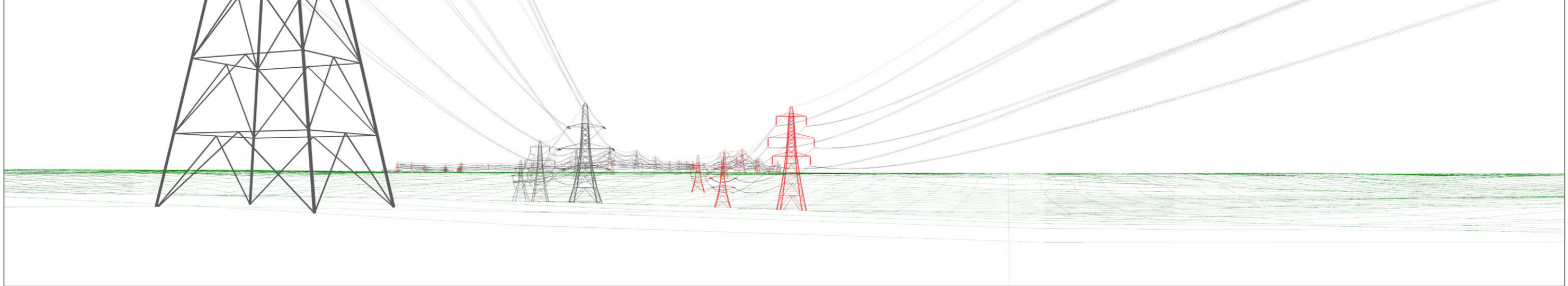
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line further from the viewpoint would continue to result in an overall adverse change and therefore, the **medium** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

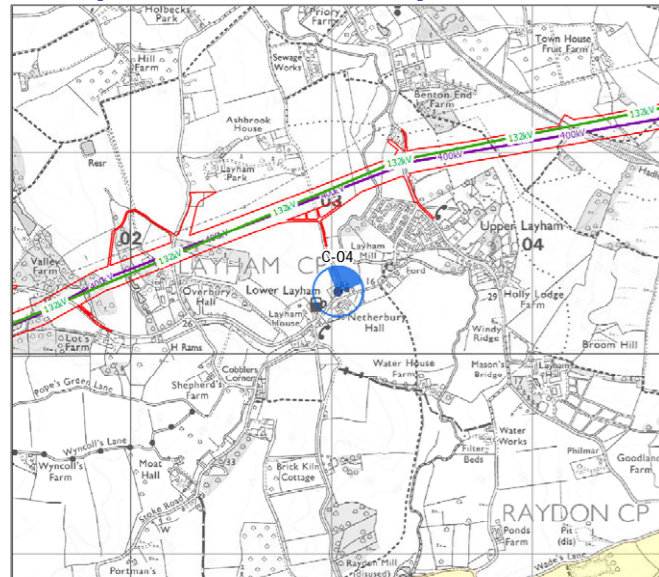


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-04: View Looking North from St Andrew's Church in Layham

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	603031, 240310 (52.024039, 0.957858)
<b>Approx. Elevation</b>	20m AOD
<b>General Direction of View</b>	N (023°)
<b>Approx. Distance to the Project</b>	425m to LoD / 230m to Order Limits
<b>Time / Date</b>	17.25 / 27 April 2021
<b>Weather / Visibility</b>	Clear / Excellent
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people living and moving around the community of Layham and people visiting the church and churchyard. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

To the right of the view along Layham Road is the churchyard of St Andrew's Church and to the left beyond the hedgerow is another part of the churchyard. The roadside hedgerows and buildings contain the view, leaving only glimpses of farmland within the valley floor of the River Brett which lies beyond. In the background there are glimpses of the pylons on the existing 132kV and more distant 400kV overhead line. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

## Supplementary Photos from Viewpoint



The graveyard for St Andrew's Church which is located to the west of Layham Road to the left of the viewpoint.



St Andrew's Church on the east of Church Street in Layham to the right of the viewpoint.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)





### Description of Effects

#### Construction Year

This viewpoint is located within the Order Limits along a section of Layham Road on the edge of Lower Layham, the road is being used as a construction route. Receptors would have views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be visible on the distant skyline but would be partially obscured by the intervening vegetation, particularly in summer when in full foliage. More noticeable would be the removal of sections of roadside hedgerow to facilitate construction access. It is therefore anticipated that the visual change would be adverse, and the magnitude of change would be **medium-small**.

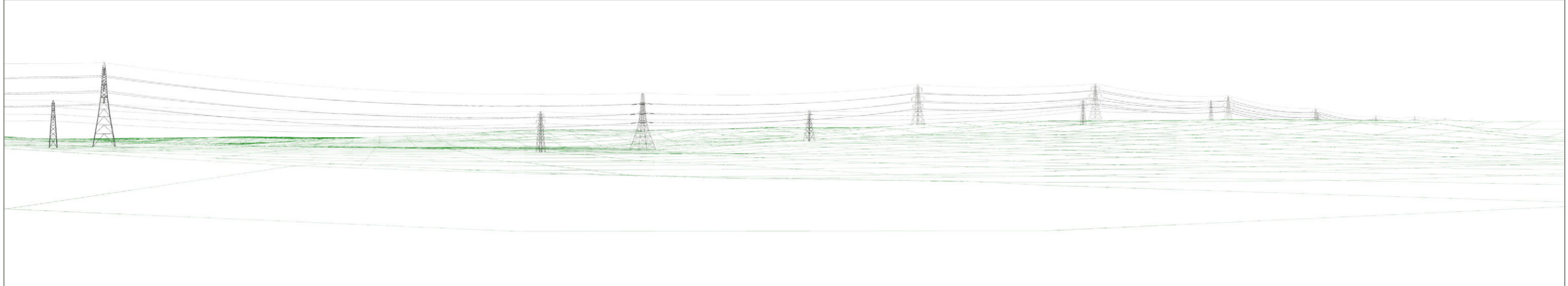
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint means that larger and more noticeable pylons would be present, but these would not fundamentally alter the composition or character of the view as pylons are already a baseline element. Although the roadside hedgerow would be restored, it would be immature and the changes to the road would still be noticeable. Due to the changes to the roadside landscape in the foreground, it is anticipated that the magnitude of adverse change would be **medium-small**.

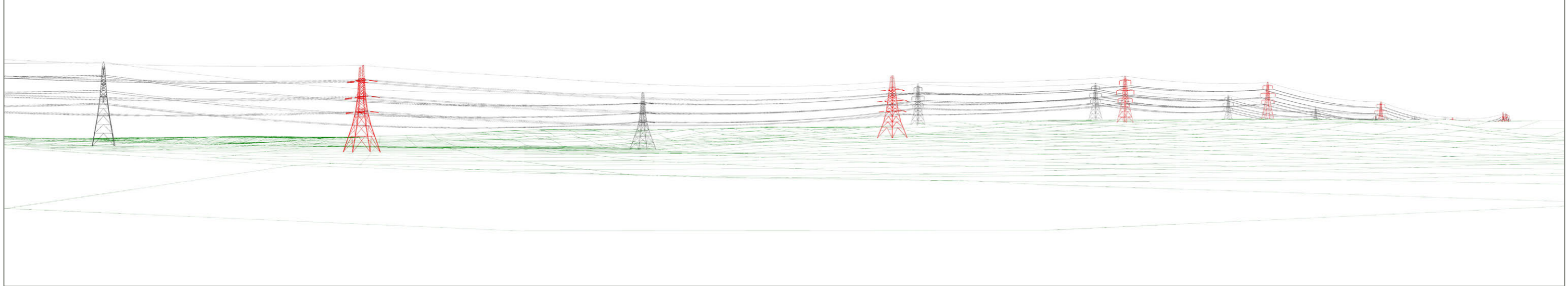
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change, but the roadside landscape would be established and therefore, the magnitude of adverse visual change described for Year 1 would reduce to **small**.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

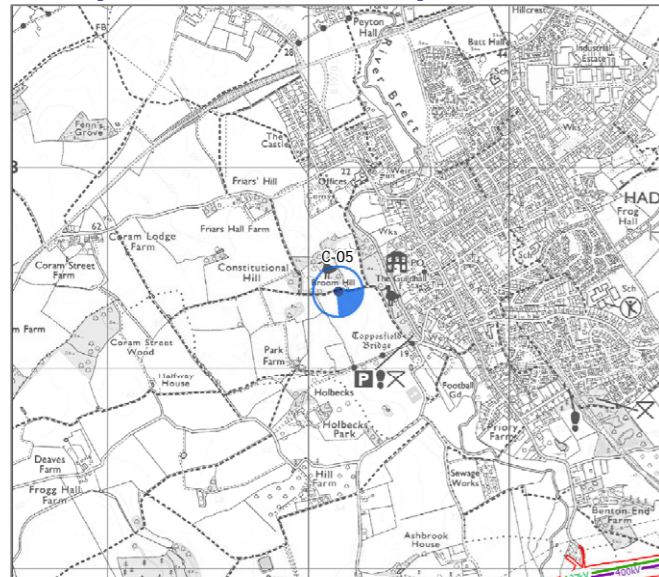


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



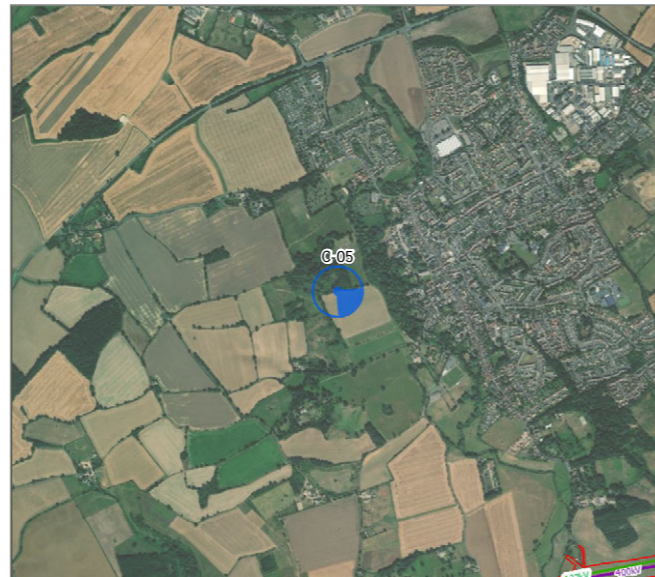
# Viewpoint C-05: View from the PRow at Broom Hill, West of Hadleigh

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	602146, 242383 (52.042974, 0.946204)
<b>Approx. Elevation</b>	31m AOD
<b>General Direction of View</b>	SE (130°)
<b>Approx. Distance to the Project</b>	1730m to LoD / 1585m to Order Limits
<b>Time / Date</b>	17.08 / 28 April 2021
<b>Weather / Visibility</b>	Overcast / Very Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people using the PRow network and visiting the local nature reserve at Broom Hill. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The foreground comprises a large arable field which slopes down towards the valley of the River Brett and the farm buildings along Layham Road. Views are contained in the mid-ground by woodland along the course of the river and by the rising landform of Broom Hill. Dwellings at Layham are distantly visible in the centre of the view with Raydon water tower and woodland along the edge of the AONB discernible beyond. The existing 400kV and more distant 132kV are present across the view but are partially obscured by/ or seen against a backdrop of vegetation which reduces their prominence, particularly in summer when the trees are in full foliage. Pylons are more noticeable on the higher ground of the eastern valley side where they are present on the skyline. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

## Supplementary Photos from Viewpoint



To the left of the viewpoint, the footpath runs around the edge of woodland at Broom Hill which is also a local nature reserve.



Views from footpaths within the local nature reserve are screened by vegetation.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but because of the intervening distance and presence of the vegetation these sites would be inconspicuous and visually integrate with their surroundings. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

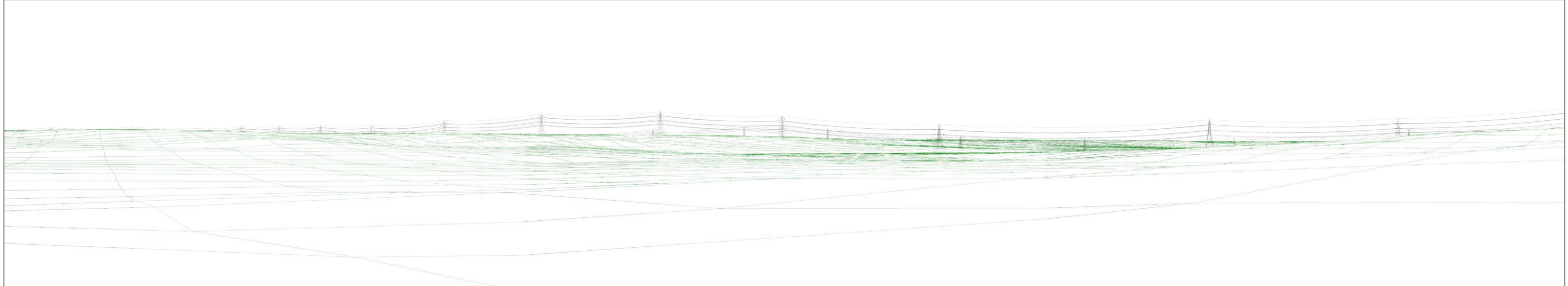
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but further from the viewpoint, means that larger and more noticeable pylons would be present, but these would not fundamentally alter the character of the view as pylons are already a baseline element. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of change would be **small**.

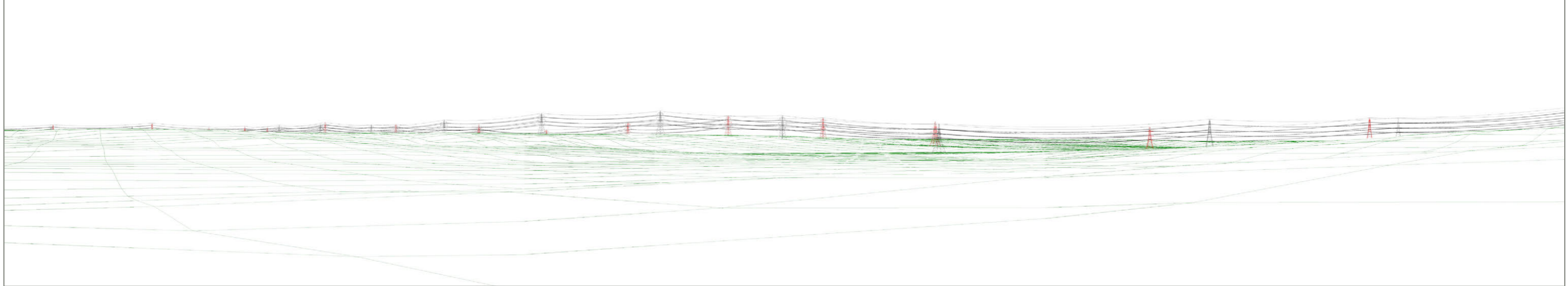
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line further from the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

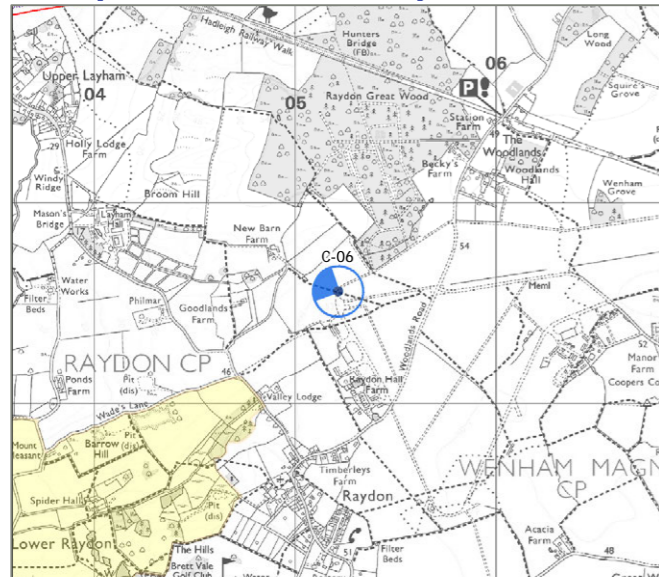


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



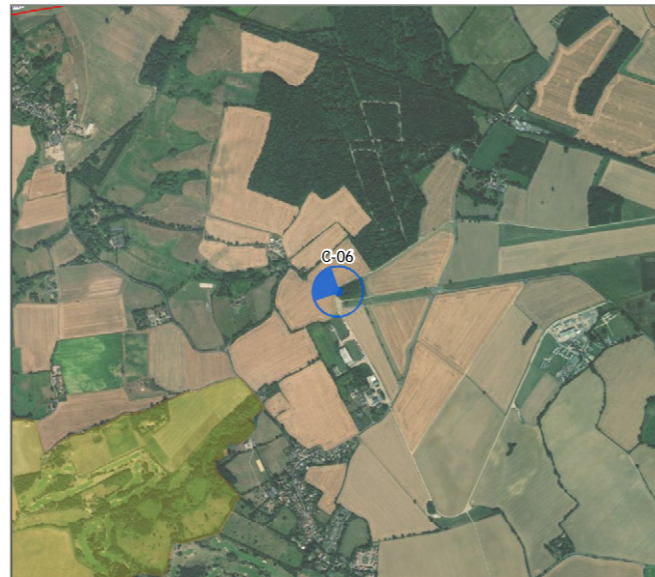
# Viewpoint C-06: View from the PRow between New Barn Farm and Layham Hall

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	605212, 239562 (52.016517, 0.989159)
<b>Approx. Elevation</b>	52m AOD
<b>General Direction of View</b>	W (296°)
<b>Approx. Distance to the Project</b>	1625m to LoD / 1625m to Order Limits
<b>Time / Date</b>	15.16 / 29 April 2021
<b>Weather / Visibility</b>	Overcast / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the boundary of the Brett Valley SLA and represents the views experienced by people living and moving around the dispersed community north of Raydon and users of the local PRow network. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The large and gently rolling arable field in the foreground slopes away from the viewpoint towards a small and well-tree tributary valley of the River Brett. Raydon Great Wood contains views in the mid-ground to the right of the view, whilst buildings associated with New Barn Farm are seen amongst the trees in the mid-ground. Beyond the valley, the rolling farmland extends towards a low wooded horizon. The existing 132kV overhead line and more distant 400kV overhead line cross the view with the lower parts of the pylons variably obscured by the intervening vegetation. Due to the distribution of vegetation along the river valley, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view – **medium**

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV pylons and construct the new 400kV pylons, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but because of the intervening distance would be inconspicuous and visually integrate with their surroundings. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

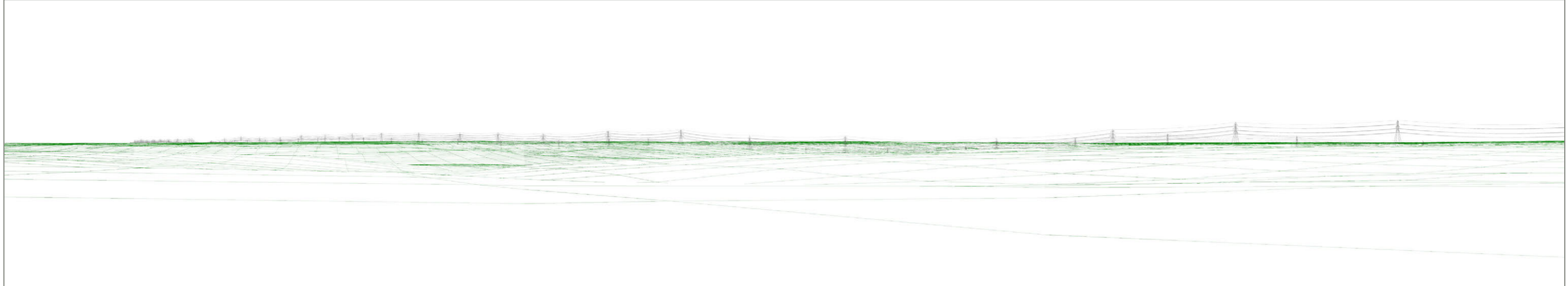
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but slightly closer to the viewpoint, means that larger and more noticeable pylons would be present in the view. This would result in an adverse change. Given however that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of this visual change would be **small**.

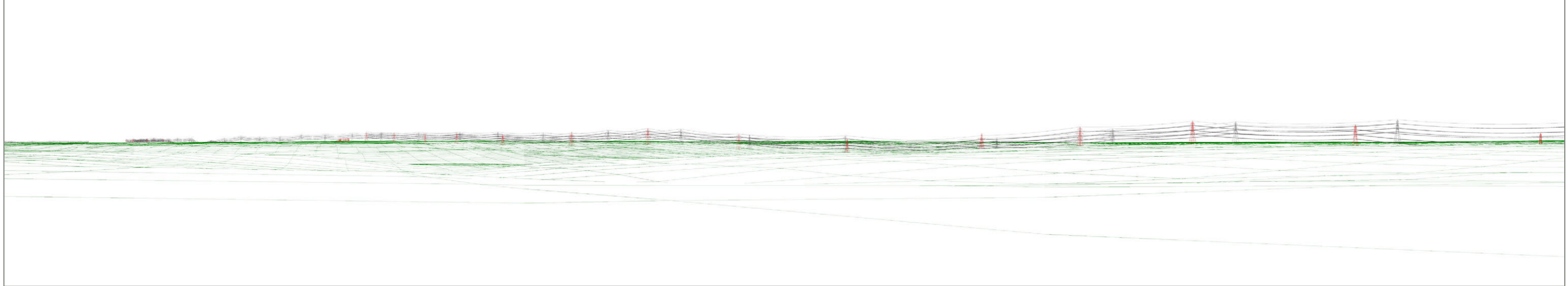
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

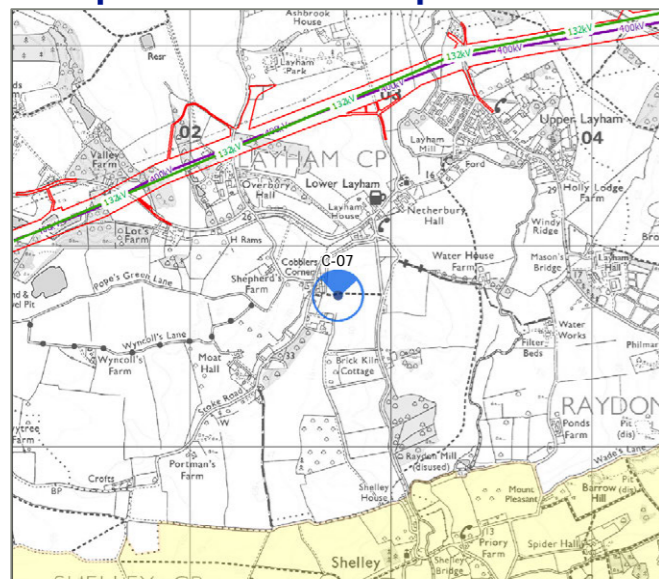


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-07: View from the PRow to the East of Cobbler's Corner

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	602736, 239758 (52.019191, 0.953234)
<b>Approx. Elevation</b>	39m AOD
<b>General Direction of View</b>	N (003°)
<b>Approx. Distance to the Project</b>	830m to LoD / 810m to Order Limits
<b>Time / Date</b>	13.27 / 29 April 2021
<b>Weather / Visibility</b>	Overcast / Very Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people using the local PRow network. These receptors are of **medium** susceptibility to the project.

## Description of Visual Baseline

The rolling field in the foreground slopes steeply away from the viewpoint into a small tributary valley of the River Brett. The sloping landform foreshortens much of the mid-ground which, where visible, comprises rolling farmland with a high coverage of trees and woodland associated with Overbury Hall. The background is formed by the settlement of Hadleigh and the farmland within the Brett Valley. The distinctive spire of St Mary's Church is discernible to the centre-left of the view and St Andrew's Church in Layham to the right. The existing 132kV and more distant 400kV overhead lines cross the view with the lower parts of the pylons variably obscured by the intervening vegetation. They are most prominent on the higher ground of valley sides. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

## Supplementary Photos from Viewpoint



Properties along Stoke Road are at a lower elevation with vegetation that limits views to the left of the viewpoint.



To the east of the viewpoint, the footpath continues at a similar elevation towards Shelley Road.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but would be partially obscured by the intervening vegetation, particularly in summer when in full foliage. Removal of a section of woodland near Overbury Hall would be noticeable on the distant skyline. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

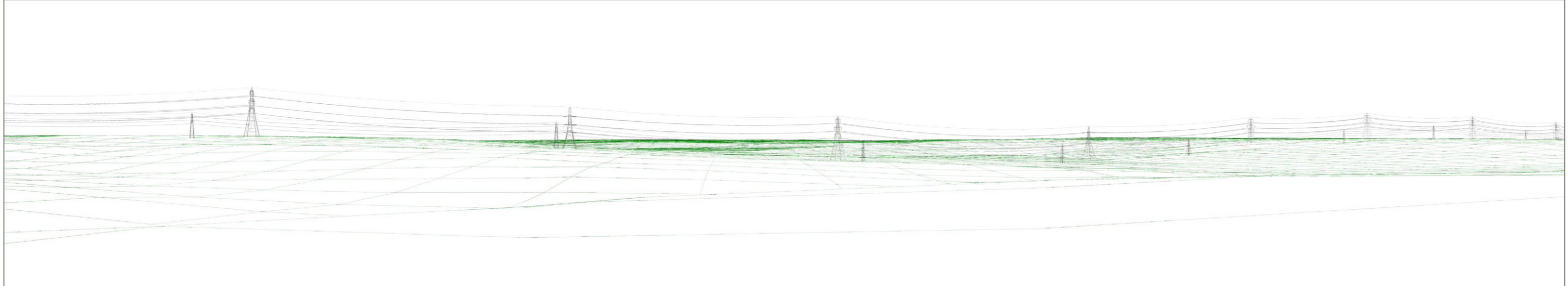
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but slightly closer to the viewpoint, means that larger and more noticeable pylons would be present in the view. This would result in an adverse change. Given however that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of this visual change would be **medium-small**.

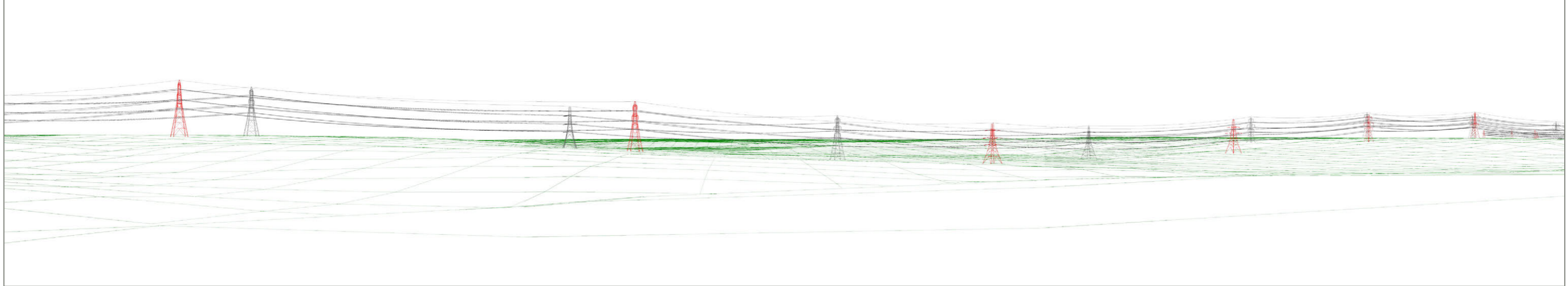
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **medium-small** magnitude of change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

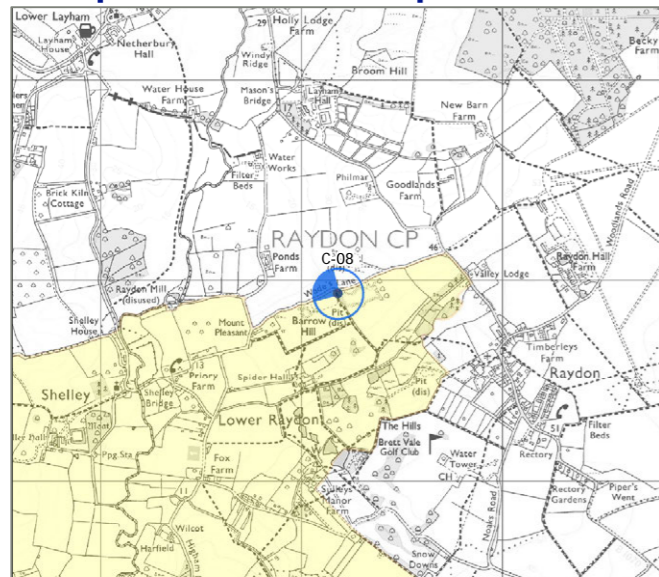


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-08: View from the PRow off Wade's Lane, North of Brett Vale Golf Club

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	604182, 238928 (52.011206, 0.973789)
<b>Approx. Elevation</b>	35m AOD
<b>General Direction of View</b>	W (300°)
<b>Approx. Distance to the Project</b>	2075m to LoD / 1860m to Order Limits
<b>Time / Date</b>	12.25 / 8 March 2022
<b>Weather / Visibility</b>	Clear / Very Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using the local PRow network within and close to the AONB. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The elevated land at Barrow Hill on the northern edge of the AONB affords panoramic northerly views out across the lower-lying wooded farmland within the Brett Valley. Buildings associated with Ponds Farm are visible in the foreground and occasional dwellings and farm buildings are dispersed throughout the farmland. To the right of the view, the larger settlement of Hadleigh is distantly visible, with the distinctive spire of St Mary's Church discernible on the skyline. The existing 132kV overhead line crosses the view but the pylons are mainly seen against a backdrop of against landform and vegetation which reduces their prominence. The more distant 400kV overhead line is more noticeable on the distant horizon. Due to the distribution of vegetation, there is some seasonal variation with more of the 132kV pylons being visible in winter than in summer.

Value of view - **high**

## Supplementary Photos from Viewpoint



Landform to the left of the viewpoint rises up towards Brett Vale Golf Club.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)





### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but would be partially obscured by the intervening vegetation, particularly in summer when in full foliage. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

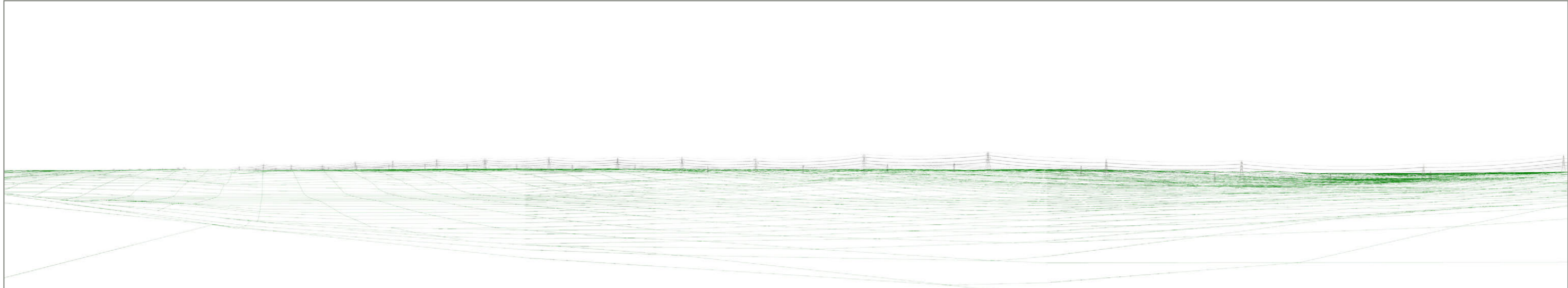
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but slightly closer to the viewpoint means that larger and more noticeable pylons would be present in the view. Also, more of the individual pylons would be visible on the skyline which would increase their prominence and result in an adverse change to the view. Despite the distance and presence of intervening vegetation, it is anticipated that the magnitude of visual change would be **medium**.

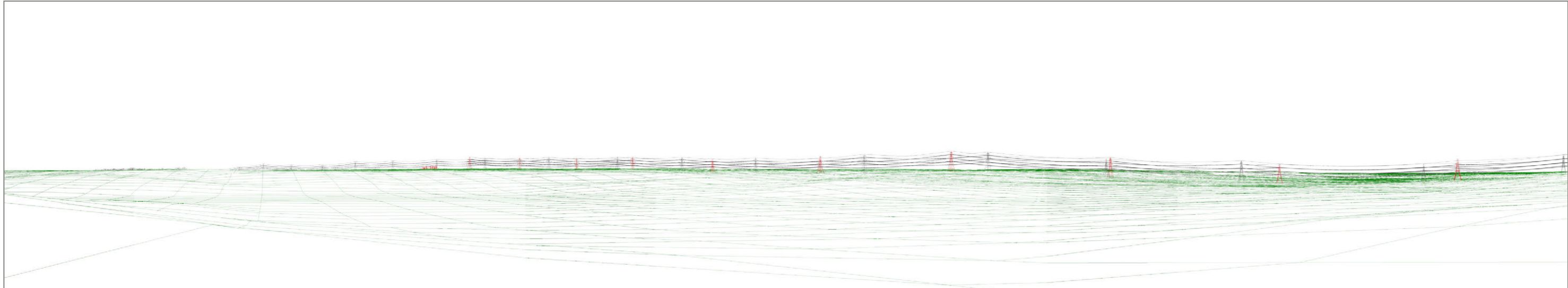
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **medium** magnitude of change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

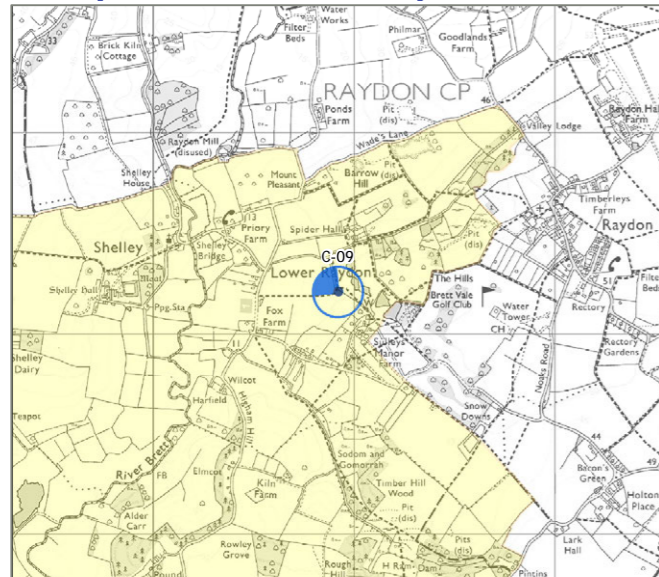


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-09: View from the PRow Adjacent to Brett Vale Golf Club

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	603919, 238210 (52.004861, 0.969541)
<b>Approx. Elevation</b>	23m AOD
<b>General Direction of View</b>	NW (309°)
<b>Approx. Distance to the Project</b>	2700m to LoD / 2495m to Order Limits
<b>Time / Date</b>	11.52 / 29 April 2021
<b>Weather / Visibility</b>	Overcast / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using the local PRow network and Brett Vale Golf Club in the AONB. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The arable field in the foreground initially slopes gently away from the viewpoint before inclining more steeply slopes into the valley of the River Brett. The sloping landform foreshortens the mid-ground leaving only the roofs of dwellings and farm buildings at Lower Raydon discernible amongst the trees. Where visible, the mid-ground comprises rolling farmland with a high coverage of trees and small woodlands. Much of it lies within the AONB. The existing 400kV overhead line crosses the view with the tops of the pylons visible on the skyline. The lower parts of the pylons and the existing 132kV overhead line are obscured by the landform and intervening vegetation.

Value of view - **medium**

## Supplementary Photos from Viewpoint



View west from the viewpoint along footpath towards Shelley Road.



View north from the viewpoint along footpath towards Spider Hall (not visible).

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but would be partially obscured by the intervening vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

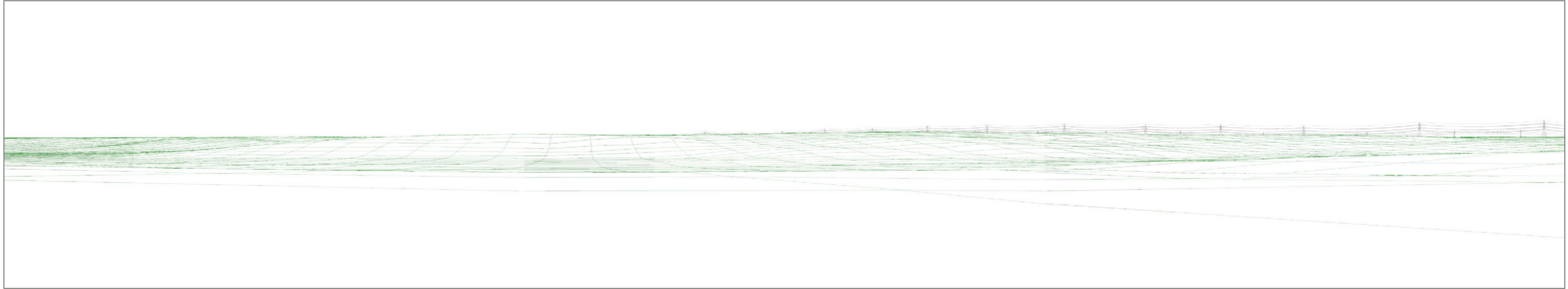
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment but slightly closer to the viewpoint means that more pylons would be present on the distant skyline. This would result in adverse change to the view but would not fundamentally alter its composition or character as pylons are already a baseline element. It is therefore anticipated that the magnitude of visual change would be **small**.

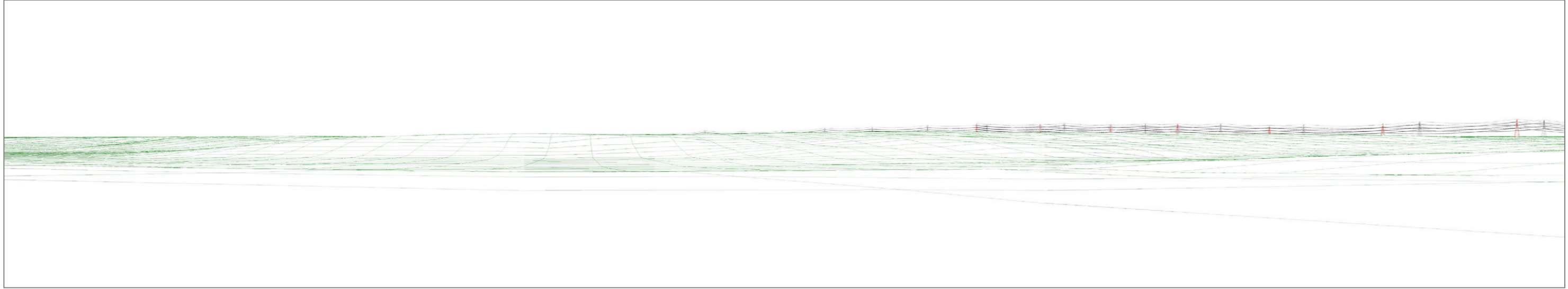
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly closer to the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

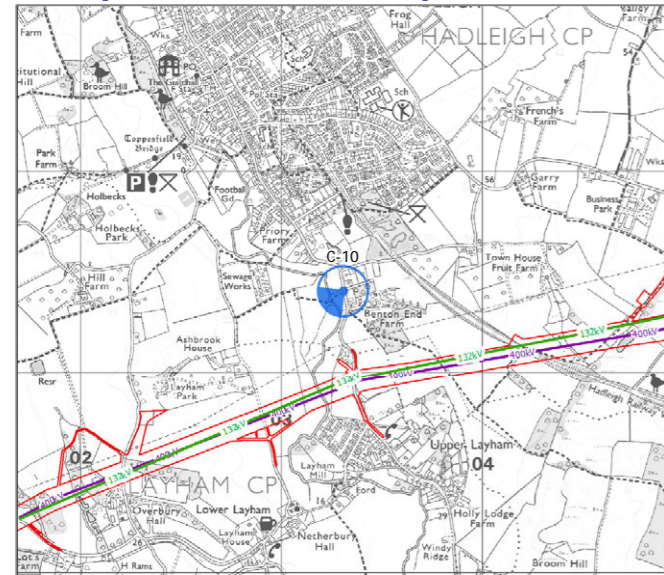


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-10: View from the PRow off Benton Street, South of Hadleigh

## Viewpoint Location Map



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## Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	603299, 241403 (52.033748, 0.962500)
<b>Approx. Elevation</b>	17m AOD
<b>General Direction of View</b>	SW (231°)
<b>Approx. Distance to the Project</b>	400m to LoD / 290m to Order Limits
<b>Time / Date</b>	11.48 / 3 March 2022
<b>Weather / Visibility</b>	Clear / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views experienced by people living and moving around the dispersed community south of Hadleigh. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

This viewpoint is located within the very gently rolling pastures and grassland of the valley floor. Fields are bounded by sections of remnant hedgerows infilled with post and wire fencing. A small pedestrian bridge crosses the river by the gate in the foreground. Occasional dwellings and farm buildings, including Middle Orchard on the western side of the valley are noticeable in the mid-ground and vehicles on the unnamed road, which connects Hadleigh to Lower Layham intermittently cross the view. The existing 400kV and more distant 132kV overhead lines are visible to the left of the view and the closest 400kV pylon is prominent in the foreground. From other sections of the footpath, there are also views of the pylons on the skyline as they rise up the western valley side to the south of the woodland at Layham Park. Due to the distribution of vegetation, there is some seasonal variation and the screening of the pylons by the hedgerows and trees in the foreground increases in summer.

Value of view - **medium**

## Supplementary Photos from Viewpoint



Intermittent vegetation along Benton Street, to the left of the viewpoint, filters views across the River Brett.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



## Description of Effects

### Construction Year

Receptors would have views of the works to dismantle the existing 132kV overhead line and construct the new 400kV overhead line in the mid-ground, but these would only be present at each pylon location for a short period of time and would be perceived as a series of discrete sites across the view. The construction activities would be more noticeable from other locations along the PRow where views are more open. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

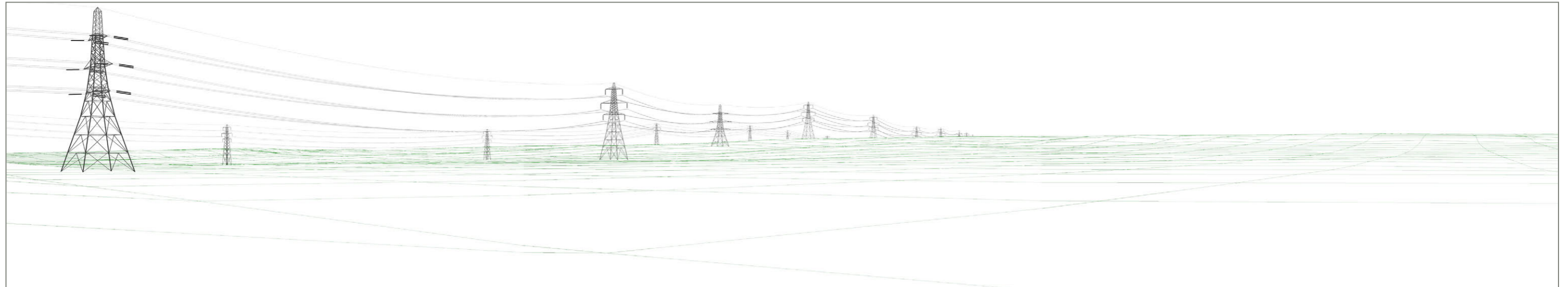
### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment means that the larger 400kV pylons would be more noticeable despite being slightly further from the viewpoint. From more open sections of the PRow, the new 400kV pylons on the higher valley side to the south of Layham Park would be appear in a similar location to the existing 132kV pylons but would be larger and therefore more noticeable on the skyline. Given that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of adverse visual change would be **medium-small**.

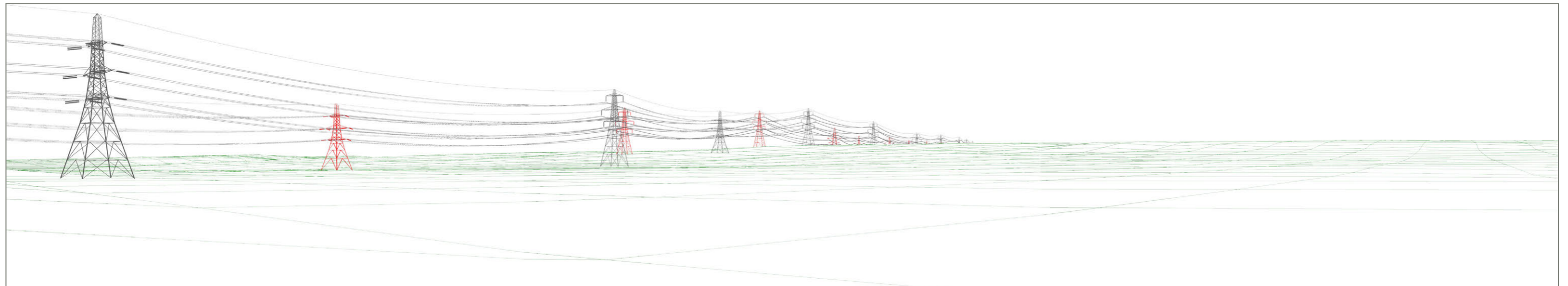
### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further from the viewpoint would continue to result in an overall adverse change and therefore, the **medium-small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

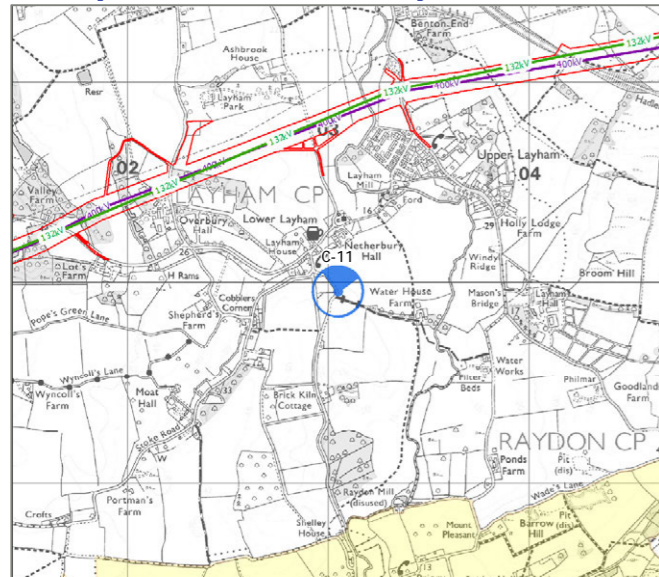


### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



# Viewpoint C-11: View from Shelley Road, South of Layham

## Viewpoint Location Map



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## Aerial Photo



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## Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

## Notes on Viewpoint Location

<b>Grid Reference</b>	603046, 239957 (52.020859, 0.957880)
<b>Approx. Elevation</b>	28m AOD
<b>General Direction of View</b>	N (009°)
<b>Approx. Distance to the Project</b>	760m to LoD / 585m to Order Limits
<b>Time / Date</b>	12.56 / 8 March 2022
<b>Weather / Visibility</b>	Clear / Good
<b>Camera</b>	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Brett Valley SLA and represents the views of people living and moving around PRow and road network in the community of Layham. These receptors are of **high** susceptibility to the project.

## Description of Visual Baseline

The absence of roadside hedgerows along Shelley Road and slightly elevated location affords panoramic views out across the broad valley of the River Brett. The large arable field in the foreground slopes gently away from the viewpoint towards the river before rising again into the background. The course of the river is marked by some tall poplars. Dwellings and farm buildings around Layham and Upper Layham on the eastern valley side occupy much of the mid-ground, with Netherbury Hall and the tower of St Andrew's Church in the centre-left of the view. The existing 400kV and more distant 132kV overhead lines cross the view, with the lower parts of the 132kV pylons being mainly obscured by the intervening vegetation. The pylons are most noticeable as they cross the rising land of the eastern valley side as multiple 132kV and 400kV pylons are seen in close proximity on the skyline. Due to the distribution of vegetation, there is some seasonal variation and the screening of the pylons by the hedgerows and trees in the mid-ground increases in summer.

Value of view - **medium**

## Supplementary Photos from Viewpoint



To the south-east of the viewpoint, Water House Farm is visible and further right is the higher ground within the AONB.

## Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



### Description of Effects

#### Construction Year

Receptors would have views of the works to dismantle the existing 132kV overhead line and construct the new 400kV overhead line in the mid-ground, but these would only be present at each pylon location for a short period of time. The access tracks and ground level construction activities would be noticeable within the fields on the eastern valley side. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

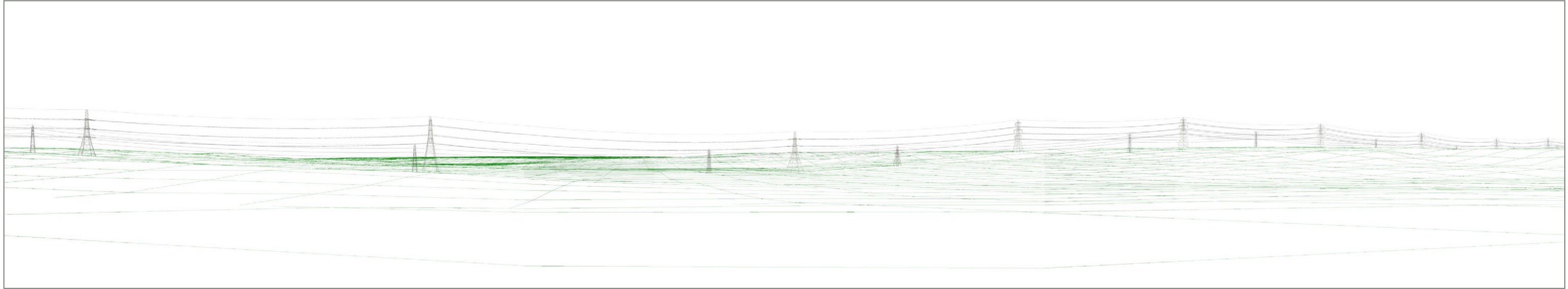
#### Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment means that the larger 400kV pylons would be more noticeable on the skyline despite being further from the viewpoint. Given that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of adverse visual change would be **medium-small**.

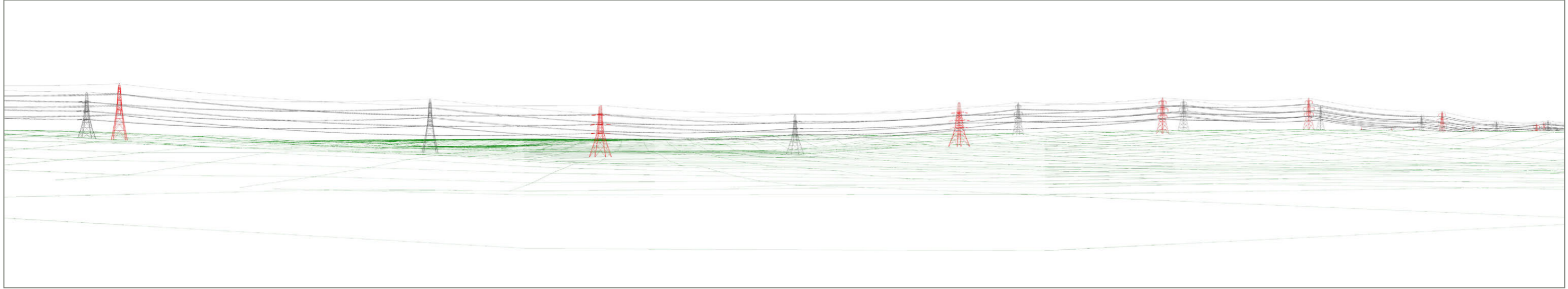
#### Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further from the viewpoint would continue to result in an overall adverse change and therefore, the **medium-small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

### Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)



### Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



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