Document

8.7.3.5

nationalgrid

New Verified Photomontages

Part 4

Hinkley Point C Connection Project

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

Application Reference EN020001

March 2015

nationalgrid

Hinkley Point C Connection Project

Volume 8.7.3 – New Photomontages (orange highlight indicates the contents of this Volume)

Figure	Title
Volume 8.7.3.1	
8.7.3.1 - 8.7.3.11	Additional Verified Photomontage Viewpoint locations (replaces previously submitted **Volume 8.2.25, Appendix 9.24c.1.2**)
Volume 8.7.3.2	
8.7.3.12	VPE12 during operation
8.7.3.13	VPG13 during operation
8.7.3.14	VPG14 during operation
8.7.3.15	VPD28 during operation
8.7.3.16	VPD29 during operation
8.7.3.17	VPD30 during operation
Volume 8.7.3.3	
8.7.3.18	VPC17 during operation
8.7.3.19	VPB30 during operation
8.7.3.20	VPB31 during operation
8.7.3.21	VPB32 during operation
8.7.3.22	VPA10 during operation
Volume 8.7.3.4	
8.7.3.23	VPG10 during operation
8.7.3.24	VPG11 during operation
Volume 8.7.3.5	
8.7.3.25	VPD31 during operation and after 15 years
8.7.3.26	VPD33 during operation and after 15 years
8.7.3.27	VPF9 preferred route Option A and alternative route Option B during operation
8.7.3.28	VPD32 during operation
Volume 8.7.3.6	
8.7.3.29	VPF8 during operation
8.7.3.30	VPF10 during operation
8.7.3.31	VPF11 during operation
8.7.3.32	VPF12 during operation
Volume 8.7.3.7	
8.7.3.33	VPG12 during operation

Existing view

Existing view from Droveway Farm outside north elevation of property, looking north towards the F Route barely perceptible beyond garden boundary wall and trees (Section D)

Anticipated view during operation

Anticipated view of Sandford Substation and the 400kV overhead line supported by T-pylons during operation (with the F Route removed and tree removal not distinguishable)

Anticipated view during operation after 15 years

Anticipated view of Sandford Substation and the 400kV overhead line supported by T-pylons during operation, including mitigation planting after 15 years (with the F Route removed)

Viewing Information

This is a composite image made up of 4 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 100 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(q) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

- Frame - light grey composite material, circular shape
- Insulator - light blue/grey composite material
- Twin conductor bundle

Steel lattice pylon

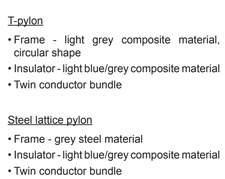
- Frame - grey steel material
- Insulator - light blue/grey composite material
- Twin conductor bundle

Date of photograph: 25/02/2015
Lens type:50mm (digital full frame camera)

Distance to Sandford Substation boundary: 125m
OS reference of viewpoint:
X= 341833.866 Y= 160348.412

Direction of view: 303° (north west)
Viewpoint height: 16.842m AOD

Horizontal field of view: 100°
Viewing distance approx 300mm at A1



ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
A	19/03/2015	FRWQ	AJG	LG	NH

Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
VOLUME 8.7.3

VERIFIED PHOTOMONTAGE VIEWPOINT VPD31

nationalgrid

National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	APPLICATION No.		IN
20897	EN020001		A1
FIGURE No. 8.7.3.25	DRAWING No. IN1979.82.025.001B		SCALE NTS
SHEET 1 OF 1			ISSUE A

Existing view

Existing view from Droveway Farm track beyond garden boundary wall, looking north towards the F Route visible above trees and the AT Route in the distance (Section D)

Anticipated view during operation

Anticipated view of Sandford Substation, the 400kV overhead line supported by T-pylons and the AT Route connection during operation (with the F Route, a section of the AT Route and six trees removed)

Anticipated view during operation after 15 years

Anticipated view of Sandford Substation, the 400kV overhead line supported by T-pylons and the AT Route connection with views filtered by tree planting during operation, including mitigation planting after 15 years (with the F Route and a section of the AT Route removed)

Viewing Information

This is a composite image made up of 6 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 140 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning accross a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(q) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

- Frame - light grey composite material, circular shape
- Insulator - light blue/grey composite material
- Twin conductor bundle

Steel lattice pylon

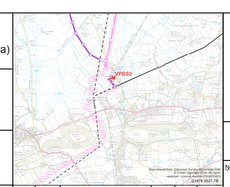
- Frame - grey steel material
- Insulator - light blue/grey composite material
- Twin conductor bundle

Date of photograph: 25/02/2015
Lens type:50mm (digital full frame camera)

Distance to Sandford Substation boundary: 77m
OS reference of viewpoint:
X= 341756.468 Y= 160355.158

Direction of view: 324.8° (north east)
Viewpoint height: 16.081m AOD

Horizontal field of view: 140°
Viewing distance approx 300mm at A1



Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
VOLUME 8.7.3

VERIFIED PHOTOMONTAGE
VIEWPOINT VPD33

nationalgrid
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	APPLICATION No.		IN
20897	EN020001		A1
FIGURE No. 8.7.3.26	DRAWING No. IN1979.82.025.001B		SCALE NTS
			ISSUE A

ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
A	19/03/2016	FRWQ	AJG	LG	NH

SHEET 1 OF 1

Existing view

Existing view from A369 The Portbury Hundred near the roundabout with Portbury Common and Sheepway, looking southeast towards the F Route and W Route across Clapton Moor and on Tickenham Ridge (Section F)

Anticipated view of preferred route (Option A) during operation

Anticipated view of the 400kV overhead line supported by T-pylons, visible on Tickenham Ridge during operation (with the F Route, W Route and eight trees removed)

Anticipated view of alternative route (Option B) during operation

Anticipated view of the 400kV overhead line supported by T-pylons, visible on Tickenham Ridge during operation (with the F Route, W Route and eight trees removed)

Viewing Information

This is a composite image made up of 5 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 120 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(q) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

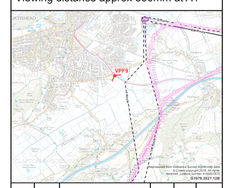
- Frame - light grey composite material, circular shape
- Insulator - light blue/grey composite material
- Twin conductor bundle

Date of photograph: 26/02/2015
Lens type:50mm (digital full frame camera)

Distance to the nearest T-pylon on preferred route (Option A): 1435m
Distance to the nearest T-pylon on alternative route (Option B): 1061m
OS reference of viewpoint:
X= 347685.02 Y= 175642.633

Direction of view: 143° (south east)
Viewpoint height: 8.412m AOD

Horizontal field of view: 120°
Viewing distance approx 300mm at A1



ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
A	19/03/2015	FRWQ	AJG	LG	NH

Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
VOLUME 8.7.3

VERIFIED PHOTOMONTAGE
VIEWPOINT VPF9

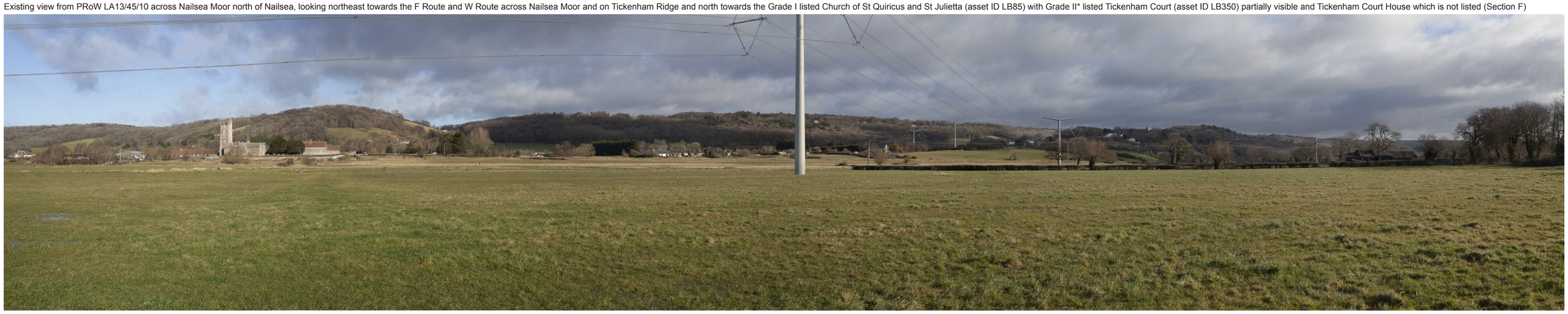
nationalgrid

National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	APPLICATION No.		IN
20897	EN020001		A1
FIGURE No. 8.7.3.27	DRAWING No. IN1979.82.025.001B		SCALE NTS
SHEET 1 OF 1			ISSUE A

Existing view

Existing view from PRoW LA13/45/10 across Nailsea Moor north of Nailsea, looking northeast towards the F Route and W Route across Nailsea Moor and on Tickenham Ridge and north towards the Grade I listed Church of St Quiricus and St Julietta (asset ID LB85) with Grade II* listed Tickenham Court (asset ID LB350) partially visible and Tickenham Court House which is not listed (Section F)



Anticipated view during operation

Anticipated view of the 400kV overhead line supported by T-pylons, visible across Nailsea Moor and on Tickenham Ridge during operation (with the F Route, W Route and two trees removed)

Viewing Information

This is a composite image made up of 6 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 140 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning accross a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(q) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

Light Detection and Ranging (LIDAR) level data typically at 40 points per/ m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

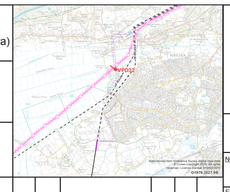
- Frame - light grey composite material, circular shape
- Insulator - light blue/grey composite material
- Twin conductor bundle

Date of photograph: 24/02/2015
Lens type:50mm (digital full frame camera)

Distance to the nearest proposed T-pylon: 111.7m
OS reference of viewpoint:
X= 345991.273 Y= 171092.376

Direction of view: 17.7° (north east)
Viewpoint height: 6.398m AOD

Horizontal field of view: 140°
Viewing distance approx 300mm at A1



Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
VOLUME 8.7.3

VERIFIED PHOTOMONTAGE
VIEWPOINT VPD32

nationalgrid
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
A	19/03/2014	FRWQ	AJG	LG	NH

NG INVESTMENT No.	APPLICATION No.		IN
20897	EN020001		A1
FIGURE No. 8.7.3.28	DRAWING No. IN1979.82.025.001B		SCALE NTS
SHEET 1 OF 1			ISSUE A