

The Sizewell C Project

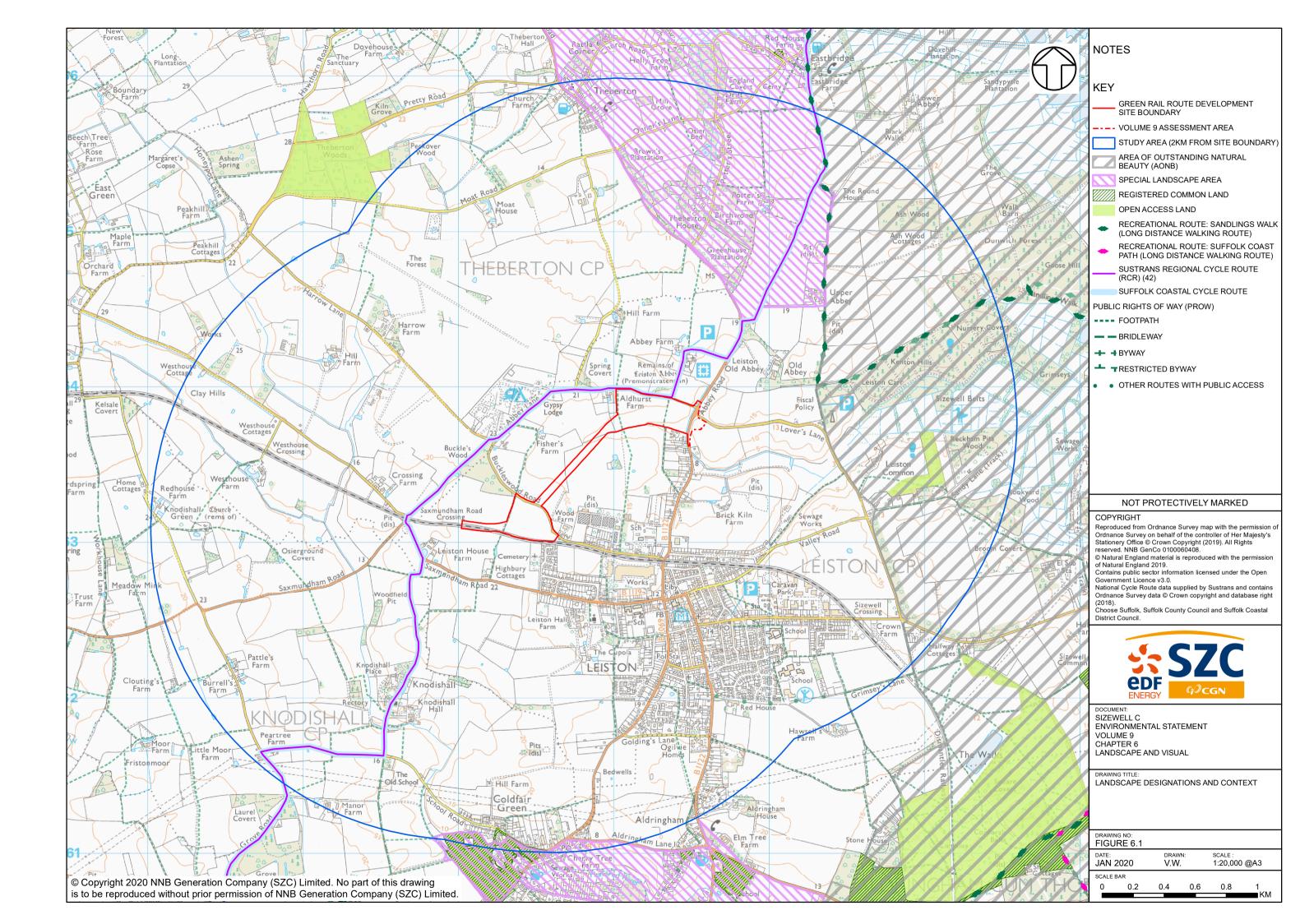
6.10 Volume 9 Rail Chapter 6 Landscape and Visual Figures 6.1 - 6.11

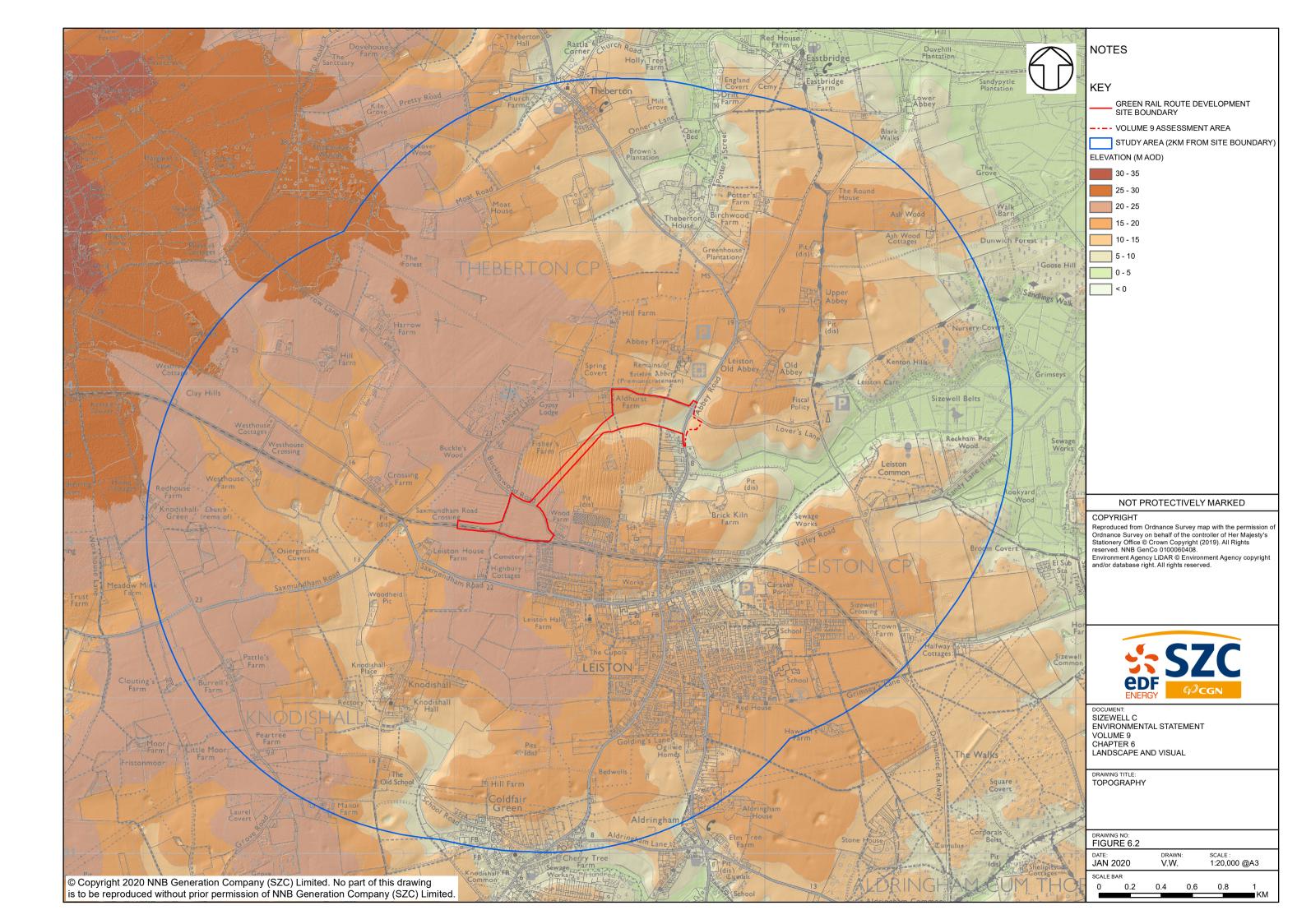
Revision:1.0Applicable Regulation:Regulation 5(2)(a)PINS Reference Number:EN010012

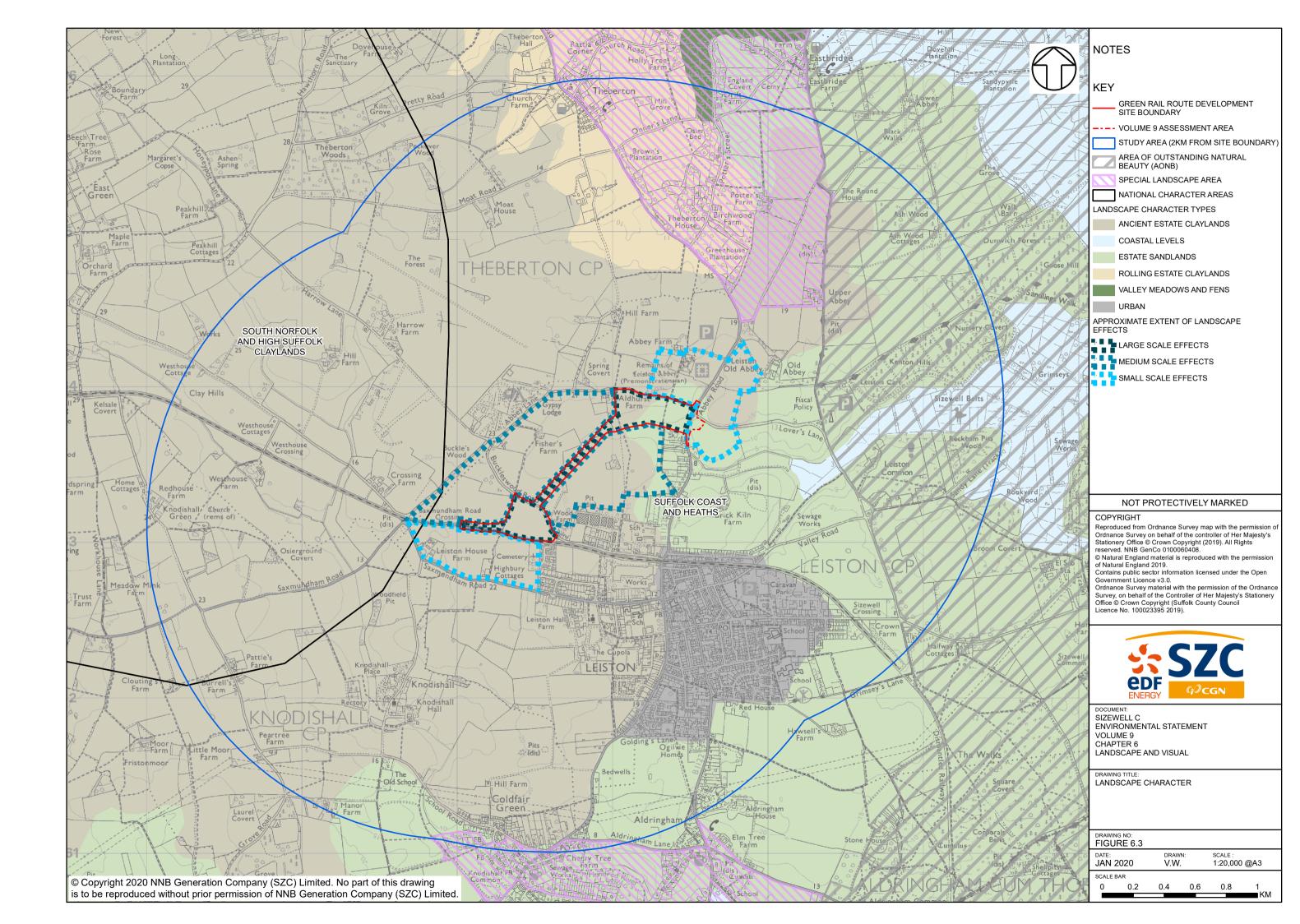
May 2020

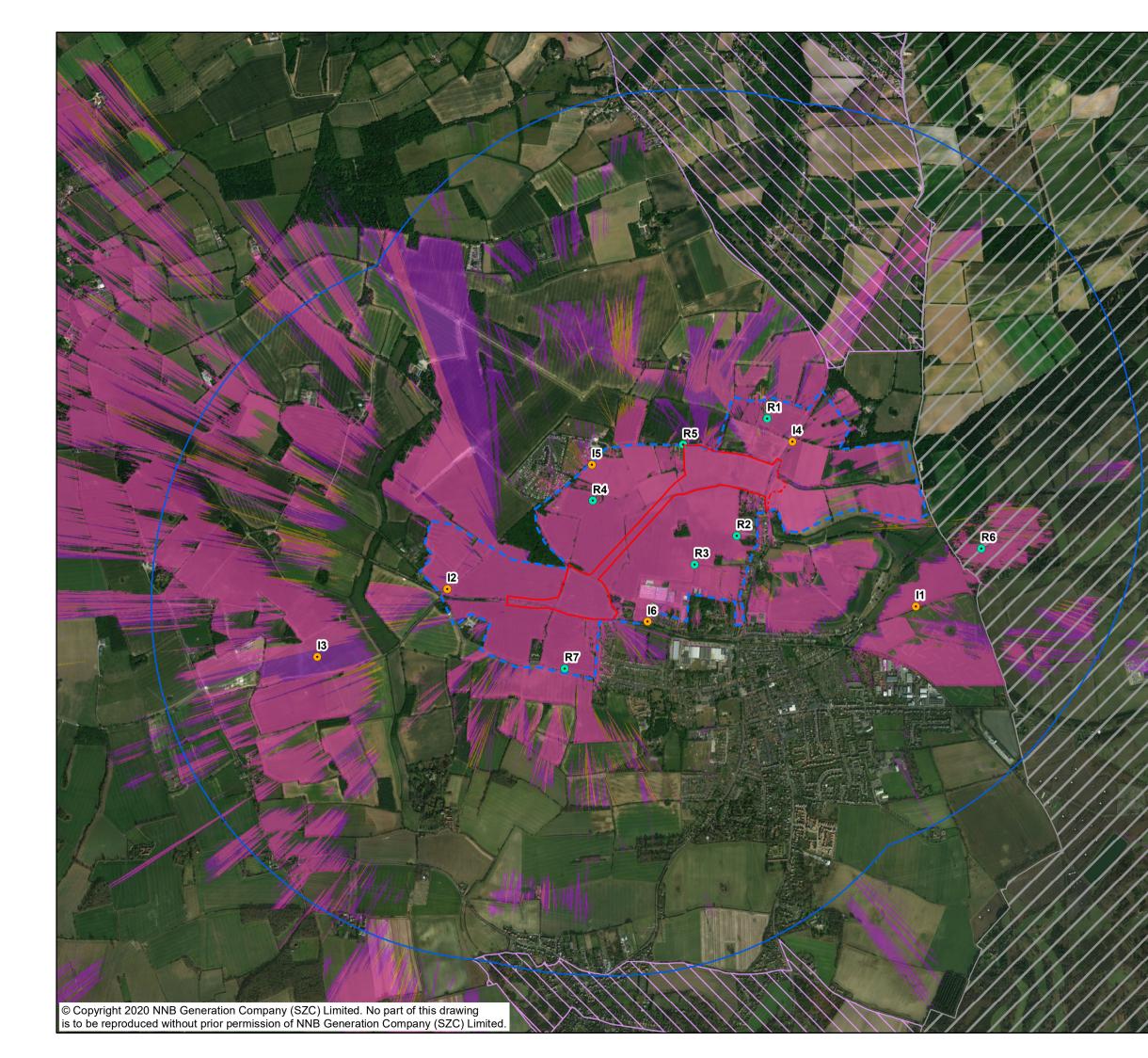
Planning Act 2008 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009











NOTES

NOTES THIS DRAWING IS BASED UPON COMPUTER GENERATED ZONE OF THEORETICAL VISIBILITY (ZTV) STUDIES PRODUCED USING THE VIEWSHED ROUTINE IN THE ESRI ARCGIS SUITE. THE AREAS SHOWN ARE THE MAXIMUM THEORETICAL VISIBILITY, TAKING INTO ACCOUNT TOPOGRAPHY, WOODLANDS, MAJOR HEDGEROWS AND BUILDINGS WHICH HAVE BEEN INCLUDED IN THE MODEL WITH THE HEIGHTS OBTAINED FROM LIDAR DIGTAL SURFACE DATA. DUE TO ITS RESOLUTION. THE SURFACE MODEL DOES NOT TAKE INTO ACCOUNT EVERY LOCALISED FEATURE SUCH AS WALLS, SMALL HEDGEROWS OF GTHE EXTENT OF VISIBILITY. THE ZTV INCLUDES AN ADJUSTMENT THAT ALLOWS FOR EARTH'S CURVATURE AND LIGHT REFRACTION. IT IS BASED ON SURFACE MODEL TERRAIN WITH A 2M² RESOLUTION.



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KM



Representative Viewpoint 1: Leiston Abbey (from top of ruins) looking south

Existing View:

This viewpoint is located on top of the ruins of Leiston Abbey. It provides elevated views over fields between Leiston Abbey and the site, and glimpsed views through and over vegetation along Abbey Lane into the site. The existing junction of Lover's Lane with Abbey Road is also visible, with the Main Development Site located beyond the B1122 (Abbey Road). Behind the viewer, the ruins of Leiston Abbey dominate the foreground views.

Construction and removal and reinstatement Effects:

Construction of the proposed rail extension route would be located beyond the vegetation along Abbey Lane, with construction of the proposed level crossing at the B1122 (Abbey Road) visible in front of the existing Lover's Lane junction, as well as construction of the realigned junction between Lovers Lane and Abbey Road. Construction of the new 2m high landscape bunds would be visible through the Abbey Lane vegetation. The temporary realignment of the B1122 (Abbey Road) for construction of the level crossing, with associated construction compound, would also be visible. Effects would be of Small scale and, on balance, Adverse.

Operational Effects:

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VIEWPOINT INFORMATION				
OS REFERENCE:	644484 E 264137 N			
EYE LEVEL (AOD):	15.5M			
CAMERA:	CANON EOS 5D MARK III			
LENS:	SIGMA 50MM F1.4 EX DG HSM			
CAMERA HEIGHT:	1.5M AGL			
PHOTO DATE / TIME:	23/02/2016 14:55			
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The proposed rail extension route would be located beyond the vegetation along Abbey Lane. The new 2m high landscape bunds are proposed along both sides of the track and would be visible through the Abbey Lane vegetation. The proposed level crossing at the B1122 (Abbey Road) and associated lighting columns, and the realigned junction between Lovers Lane and Abbey Road, would also be visible in the vicinity of the existing road junction. Effects would be of Small scale and, on balance, Adverse.

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ZC	DOCUMENT: SIZEWELL C ENVIRONMENTAL STATEMENT VOLUME 9 CHAPTER 6 LANDSCAPE AND VISUAL		
CGN	DRAWING TITLE: REPRESENTATIVE VIEWPOINT 1: PHOTOGRAPH PANEL		
ermission of Ordnance Survey	DRAWING NO: FIGURE 6.5		
y Office © Crown Copyright (2019).	DATE: DRAWN: SCALE: JAN 2020 V.W. NTS		



Representative Viewpoint 2: Footpath E-363/010/0

This viewpoint is located on Footpath E-363/010/0, immediately adjacent to the rear gardens of properties along the B1122 (Abbey Road). It provides open views over arable fields towards the site, with properties and vegetation along Abbey Lane, beyond the site, visible in the distance. Similar views are experienced looking south west towards Buckle's Wood and Saxmundham Road.

Construction and removal and reinstatement Effects:

Construction of the proposed rail extension route would be visible through the middle of the arable fields. As the route would be in cutting, construction activity would be more visible during the early stages of construction when the route is being excavated. The 2m high landscape bund would be visible being constructed along the northern side of the rail extension route, as would fencing proposed along the length of the route. The proposed level crossing over Buckleswood Road would also be visible under construction to the left of the extent of view shown above. Effects would be of Medium scale and, on balance, Adverse.

Operational Effects:

Adverse.

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VIEWPOINT INFORMATION		
OS REFERENCE:	644313 E 263478 N	
EYE LEVEL (AOD):	15.7M	
CAMERA:	CANON EOS 6D	
LENS:	EF50MM F/1.8 STM	
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The proposed rail extension route would be located through the middle of the arable fields, cut into the landform and with the track largely screened from view. The 2m high landscape bund proposed along the northern side of the track and would be visible above the landform, as would fencing proposed along the length of the route and trains travelling along the rail extension route. The proposed level crossing and associated lighting columns at Buckleswood Road would also be visible to the left of the extent of view shown above. Effects would be of **Medium** scale and, on balance,

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CGN	DRAWING TITLE: REPRESENTATIVE VIEWPOINT 2: PHOTOGRAPH PANEL		
ermission of Ordnance Survey	DRAWING NO: FIGURE 6.6		
ry Office © Crown Copyright (2019).	DATE: DRAWN: SCALE: JAN 2020 V.W. NTS		



Representative Viewpoint 3: Footpath E-363/006/0

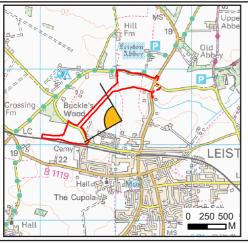
This viewpoint is located on Footpath E-363/006/0 on the northern edge of a plant nursery on Westward Ho/Buckleswood Road, Leiston. It provides open views over arable fields towards the site, with properties and vegetation along Abbey Lane, beyond the site, visible in the distance. Greenhouses associated with the plant nursery are visible just to the left of the extent of the view shown above and rear garden vegetation of properties along the B1122 (Abbey Road) are visible to the right.

Construction and removal and reinstatement Effects:

Construction of the proposed rail extension route would be visible through the middle of the arable fields. As the route would be in cutting, construction activity would be more visible during the early stages of construction when the route is being excavated. The proposed 2m high landscape bund would be visible being constructed along the northern side of the track, as would fencing proposed along the length of the route. The proposed level crossing over Buckleswood Road would also be visible under construction towards the centre of the view. Effects would be of Medium scale and, on balance, Adverse.

Operational Effects:

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VIEWPOINT INFORMATION		
	OS REFERENCE:	644077 E 263318 N
	EYE LEVEL (AOD):	16.3M
	CAMERA:	CANON EOS 5D MARK III
	LENS:	SIGMA 50MM F1.4 EX DG HSM
	CAMERA HEIGHT:	1.5M AGL
	PHOTO DATE / TIME:	28/02/2019 11:55
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The proposed rail extension route would be located through the middle of the arable fields, cut into the landform and largely screened from view. The proposed 2m high landscape bund along the northern side of the track would be visible above the landform, as would fencing proposed along the length of the route. The proposed level crossing and associated lighting columns at Buckleswood Road would also be visible towards the centre of the view shown above. Effects would be of **Medium** scale and, on balance, **Adverse**.

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CGN	DRAWING TITLE: REPRESENTATIVE VIEWPOINT 3: PHOTOGRAPH PANEL		
ermission of Ordnance Survey	DRAWING NO: FIGURE 6.7		
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Representative Viewpoint 4: Footpath E-363/003/0 near Fisher's Farm

Existing View:

This viewpoint is located on Footpath E-363/003/0 to the south of Fisher's Farm. It provides open views over arable fields towards the site, with properties, buildings and greenhouses at the plant nursery and vegetation along Westward Ho/Saxmundham Road, beyond the site, visible in the distance. Buckle's Wood is visible to the right of the extent of view shown above and properties along the B1122 (Abbey Road) are visible to the left.

Construction and removal and reinstatement Effects:

Construction of the proposed rail extension route would be visible through the middle of the arable fields. As the route would be in cutting, construction activity would be more visible during the early stages of construction when the route is being excavated. The proposed 2m high landscape bund would be visible being constructed in the foreground. The proposed level crossing at Buckleswood Road would also be visible under construction to the right of the view. Effects would be of **Medium** scale and, on balance, **Adverse**.

Operational Effects:

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VIEWPOINT INFORMATION		ORMATION
	OS REFERENCE:	643502 E 263683 N
	EYE LEVEL (AOD):	21.7M
	CAMERA:	CANON EOS 5D MARK III
	LENS:	SIGMA 50MM F1.4 EX DG HSM
	CAMERA HEIGHT:	1.5M AGL
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The proposed rail extension route would be located through the middle of the arable fields, cut into the landform and largely screened from view. A proposed 2m high landscape bund is proposed along the northern side of the proposed rail extension route and would be visible between the viewpoint and the track, as would fencing proposed along the length of the route. The proposed level crossing and associated lighting columns at Buckleswood Road would also be visible to the right of the view. Effects would be of Medium scale and, on balance, Adverse.

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ermission of Ordnance Survey	DRAWING NO: FIGURE 6.8		
y Office © Crown Copyright (2019).	DATE: DRAWN: SCALE: JAN 2020 V.W. NTS		



Representative Viewpoint 5: Footpath E-363/006/0

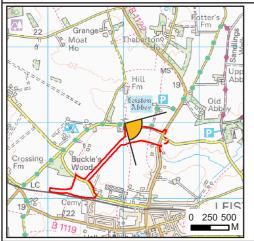
This viewpoint is located on Footpath E-363/006/0 to the east of Aldhurst Farm. It provides open views over arable fields towards the site, with properties and vegetation along the B1122 (Abbey Road), beyond the site, visible in the distance. Buildings at Sizewell A can be seen in the left of the view. Immediately behind the viewpoint are large barns at Aldhurst Farm.

Construction and removal and reinstatement Effects:

Construction of the proposed rail extension route would be visible through the middle of the arable fields. As the route would be in cutting, construction activity would be more visible during the early stages of construction when the route is being excavated. The proposed 2m high landscape bund would be visible being constructed in the foreground. Effects would be of Largemedium scale and, on balance, Adverse.

Operational Effects:

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VIEWPOINT INFORMATION			
OS REFERENCE:	644012 E 263990 N		
EYE LEVEL (AOD):	20.9M		
CAMERA:	CANON EOS 5D MARK III		
LENS:	SIGMA 50MM F1.4 EX DG HSM		
CAMERA HEIGHT:	1.5M AGL		
PHOTO DATE / TIME:	28/02/2019 14:00		
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The proposed rail extension route would be located through the middle of the arable fields, cut into the landform and largely screened. The proposed 2m high grass bund along the northern side of the proposed rail extension route would be visible between the viewpoint and the track, foreshortening views across the field, as would fencing proposed along the length of the route. Effects would be of Large-medium scale and, on balance, Adverse.

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CGN	DRAWING TITLE: REPRESENTATIVE VIEWPOINT 5: PHOTOGRAPH PANEL		
ermission of Ordnance Survey	DRAWING NO: FIGURE 6.9		
ry Office © Crown Copyright (2019).	DATE: DRAWN: SCALE: JAN 2020 V.W. NTS		



Representative Viewpoint 6: Footpath E-363/030/0 to Leiston Common

Existing View:

This viewpoint is located on Footpath E-363/030/0, close to Leiston Common. It is located within the Suffolk Coast and Heaths Area of Outstanding Natural Beauty and there are relatively contained views with evergreen vegetation along Lover's Lane and the access road to nearby residential properties allowing only glimpsed views into the wider landscape. Leiston Common and Sizewell C are located behind the viewpoint. There are occasional glimpses of properties along the B1122 (Abbey Road) and of the group of buildings at Aldhurst Farm.

Construction and removal and reinstatement Effects:

The construction of the proposed rail extension route, including the level crossing at the B1122 (Abbey Road), would be located in the distance, beyond the foreground vegetation and also the properties along the B1122 (Abbey Road). There are unlikely to be views of construction. Effects would be of Negligible scale and, on balance, Neutral.

Operational Effects:

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VIEWPOINT INFORMATION		
	OS REFERENCE:	645688 E 263406 N
	EYE LEVEL (AOD):	14.6M
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	LENS:	SIGMA 50MM F1.4 EX DG HSM
	CAMERA HEIGHT:	1.5M AGL
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The proposed rail extension route and the proposed level crossing at the B1122 (Abbey Road) would be located in the distance, beyond the foreground vegetation and also the properties along the B1122 (Abbey Road). There are unlikely to be any views of the proposed development. Effects would be of Negligible scale and, on balance, Neutral.

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CGN	DRAWING TITLE: REPRESENTATIV PHOTOGRAPH P		IT 6:	
ermission of Ordnance Survey	DRAWING NO: FIGURE 6.10			
ry Office © Crown Copyright (2019).	DATE: JAN 2020	drawn: V.W.	SCALE: NTS	



Representative Viewpoint 7: Saxmundham Road along permissive footpath

This viewpoint is located on a permissive footpath along the northern side of Saxmundham Road. It provides open views towards vegetation along the Saxmundham to Leiston branch line, with only very filtered views towards the site beyond the railway line. To the left of the extent of view shown is a row of properties along Saxmundham Road and to the right of the view is Leiston Cemetery and its chapel. The field in front of the viewpoint has planning permission for a housing development.

Construction and removal and reinstatement Effects:

Construction of the proposed rail extension route, including the proposed Buckleswood Road level crossing, would be located beyond the vegetation along the railway line and is unlikely to be visible through the vegetation. Construction of the proposed level crossing may be visible through and above the vegetation. Effects would be of Negligible scale and, on balance, Neutral.

Operational Effects:

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	VIEWPOINT INFORMATION	
	OS REFERENCE:	643346 E 262733 N
	EYE LEVEL (AOD):	23.9M
	CAMERA:	CANON EOS 5D MARK III
	LENS:	SIGMA 50MM F1.4 EX DG HSM
	CAMERA HEIGHT:	1.5M AGL
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The proposed rail extension route would be located beyond the vegetation along the Saxmundham to Leiston branch line. The rail extension route and 2m high landscape bunds are unlikely to be visible through the vegetation along the existing branch line. The proposed lighting columns at the level crossing at Buckleswood Lane are likely to be visible through and above the vegetation. Effects would be of **Negligible** scale and, on balance, **Neutral**.

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ZC	DOCUMENT: SIZEWELL C ENVIRONMENTAL STATEMENT VOLUME 9 CHAPTER 6 LANDSCAPE AND VISUAL	
CGN	DRAWING TITLE: REPRESENTATIVE VIEWPOINT 7: PHOTOGRAPH PANEL	
ermission of Ordnance Survey	DRAWING NO: FIGURE 6.11	
ry Office © Crown Copyright (2019).	DATE: DRAWN: SCALE: JAN 2020 V.W. NTS	