

Sea Link

Volume 6: Environmental Statement

Document: 6.4.2.1

Part 2 Suffolk

Chapter 1

Landscape and Visual – Figures Part 7 of 7

Planning Inspectorate Reference: EN020026

Version: BA

April~~March~~ 2026~~5~~

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

Contents

Application Document 6.4.2.1 Landscape and Visual - Figures Part 7 of 7

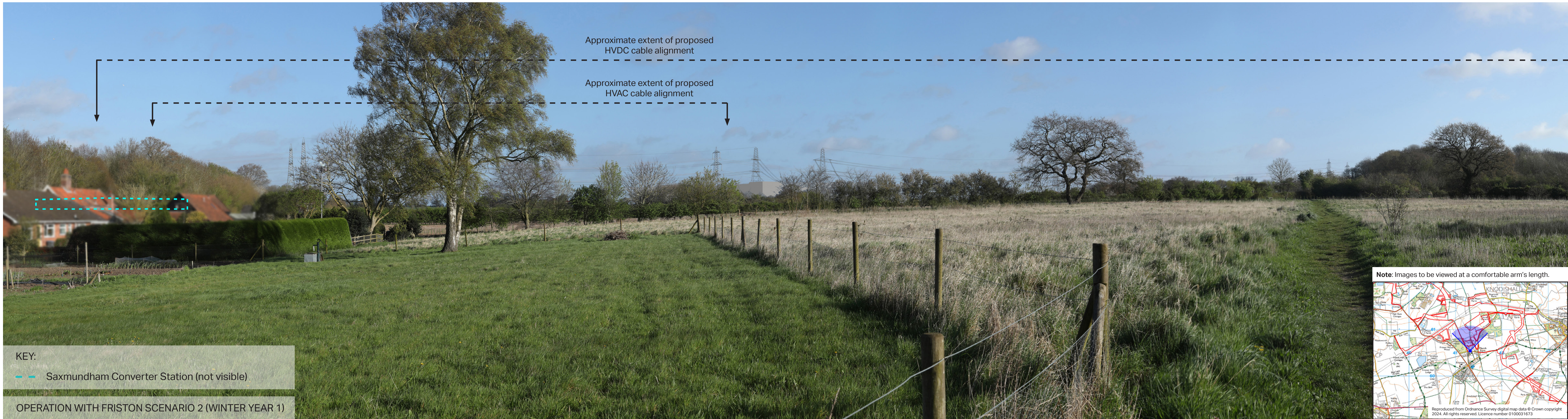
Application Document 6.4.2.1.10 Representative Viewpoint Visualisations

Application Document 6.4.2.1.11 Cumulative Schemes (Major Projects) Screened Zone of Theoretical Visibility

Application Document 6.4.2.1.12 Landscape Context and Designations and Landscape Character - District with Scoped-in Cumulative Schemes

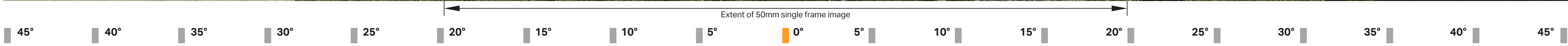
Application Document 6.4.2.1.13 Representative Viewpoint Locations and Screened Zone of Theoretical Visibility - Sea Link and Friston Scenario 1 With Scoped In Cumulative Schemes

<u>Version</u>			
<u>Date</u>	<u>Version</u>	<u>Status</u>	<u>Description / Changes</u>
<u>March 2025</u>	<u>A</u>	<u>Final</u>	<u>For DCO Submission</u>
<u>April 2026</u>	<u>B</u>	<u>Final</u>	<u>Issued at Deadline 7</u>



KEY:
 — Saxmundham Converter Station (not visible)

OPERATION WITH FRISTON SCENARIO 2 (WINTER YEAR 1)



Visualisation Type: 3
 Projection: Cylindrical
 Enlargement Factor: 96%
 Paper Size: A1
 Date / Time: 07/04/2024, 07:50

Camera: Canon EOS 5D MkIV
 Lens: Sigma 50mm f/1.4 DG HSM
 Horizontal Field of View: 90°
 Direction of View: North
 Location: E641315 N260539

Eye level: 14.5m
 Height of Camera: 1.6m

Note:
 The block photomontage shows the maximum parameters for the NGET Friston substation. The block photomontage shows two new pylons and the removal of one pylon under Friston Scenario 2. No visualisation has been prepared for Friston Scenario 1 as no new infrastructure would be present.

Sea Link Suffolk Onshore Scheme
Viewpoint 23: Church Road, Friston, looking north

Application Document 6.4.2.1.10-Z Representative Viewpoint Visualisations (sheet 2 of 4)



Residential properties within Friston

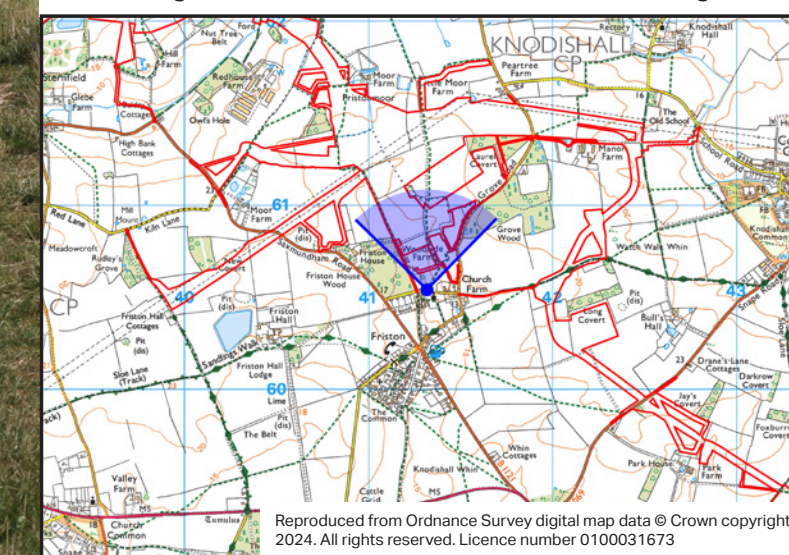
Existing towers and OHL

Route of public footpath (Friston 260, route 7)

Mature vegetation within Grove Wood

BASELINE (SUMMER)

Note: Images to be viewed at a comfortable arm's length.



Extent of 50mm single frame image



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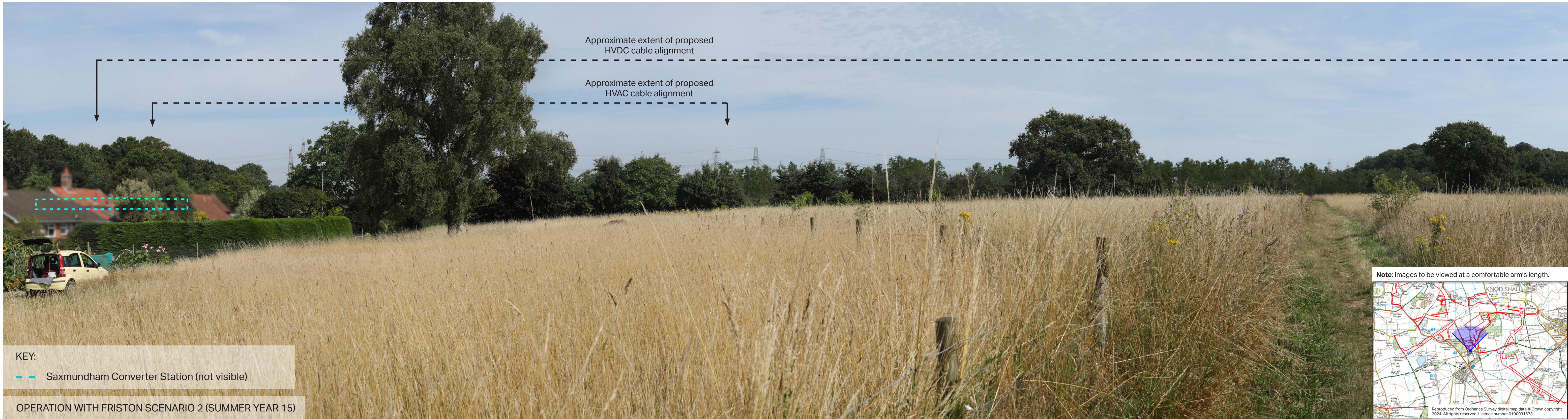
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 Lens: Sigma 50mm f/1.4 DG HSM
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 Direction of View: North
 Location: E641315 N260539

Eye level: 14.5m
 Height of Camera: 1.6m

Sea Link Suffolk Onshore Scheme
Viewpoint 23: Church Road, Friston, looking north

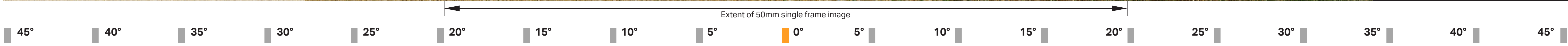
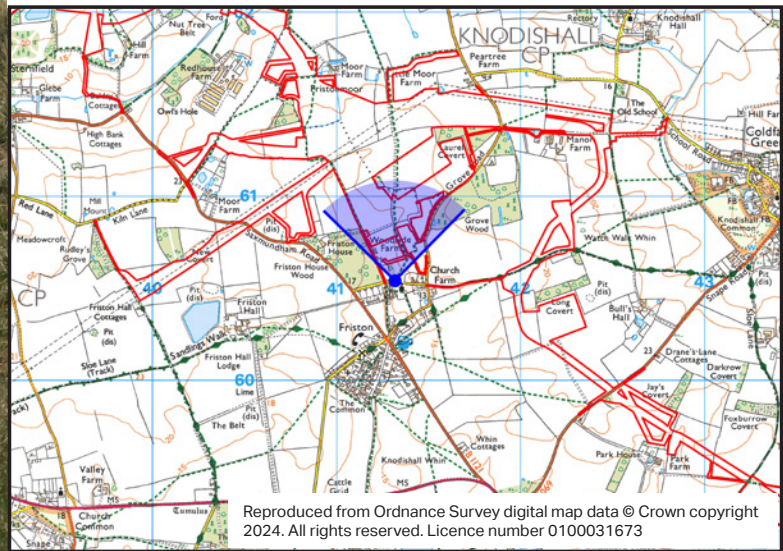
Application Document 6.4.2.1.10-Z Representative Viewpoint Visualisations (sheet 3 of 4)



KEY:
 - - Saxmundham Converter Station (not visible)

OPERATION WITH FRISTON SCENARIO 2 (SUMMER YEAR 15)

Note: Images to be viewed at a comfortable arm's length.



Visualisation Type: 3
 Projection: Cylindrical
 Enlargement Factor: 96%
 Paper Size: A1
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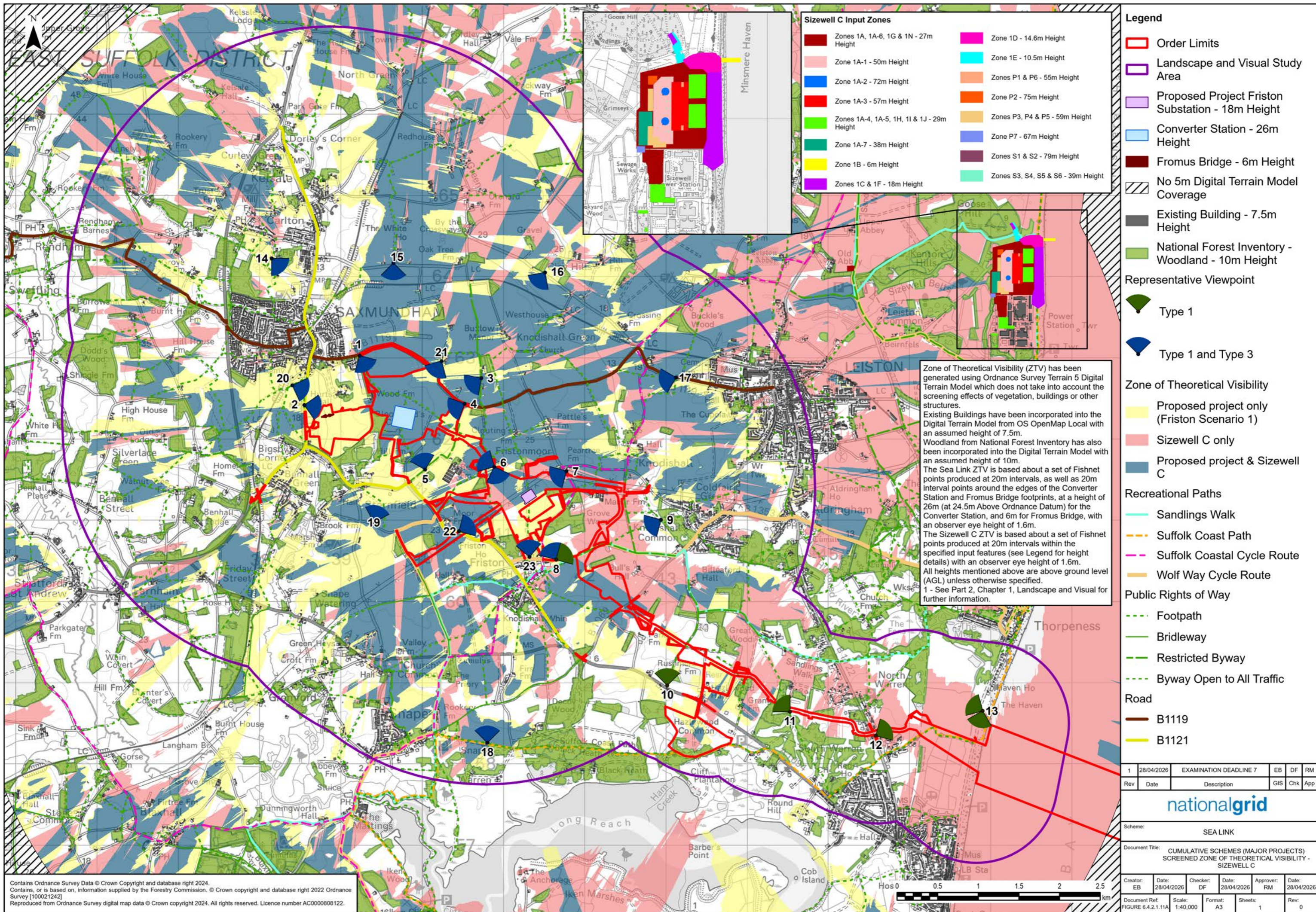
Camera: Canon EOS 5D MkIV
 Lens: Sigma 50mm f/1.4 DG HSM
 Horizontal Field of View: 90°
 Direction of View: North
 Location: E641315 N260539

Eye level: 14.5m
 Height of Camera: 1.6m

Note:
 The block photomontage shows the maximum parameters for the NGET Friston substation. The block photomontage shows two new pylons and the removal of one pylon under Friston Scenario 2. No visualisation has been prepared for Friston Scenario 1 as no new infrastructure would be present.

Sea Link Suffolk Onshore Scheme
Viewpoint 23: Church Road, Friston, looking north

Application Document 6.4.2.1.10-Z Representative Viewpoint Visualisations (sheet 4 of 4)



Sizewell C Input Zones

Zone 1A, 1A-6, 1G & 1N - 27m Height	Zone 1D - 14.6m Height
Zone 1A-1 - 50m Height	Zone 1E - 10.5m Height
Zone 1A-2 - 72m Height	Zones P1 & P6 - 55m Height
Zone 1A-3 - 57m Height	Zone P2 - 75m Height
Zones 1A-4, 1A-5, 1H, 1I & 1J - 29m Height	Zones P3, P4 & P5 - 59m Height
Zone 1A-7 - 38m Height	Zone P7 - 67m Height
Zone 1B - 6m Height	Zones S1 & S2 - 79m Height
Zones 1C & 1F - 18m Height	Zones S3, S4, S5 & S6 - 39m Height

Legend

- Order Limits
- Landscape and Visual Study Area
- Proposed Project Friston Substation - 18m Height
- Converter Station - 26m Height
- Fromus Bridge - 6m Height
- No 5m Digital Terrain Model Coverage
- Existing Building - 7.5m Height
- National Forest Inventory - Woodland - 10m Height
- Representative Viewpoint
 - Type 1
 - Type 1 and Type 3

Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 Digital Terrain Model which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the Digital Terrain Model from OS OpenMap Local with an assumed height of 7.5m. Woodland from National Forest Inventory has also been incorporated into the Digital Terrain Model with an assumed height of 10m. The Sea Link ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the Converter Station and Fromus Bridge footprints, at a height of 26m (at 24.5m Above Ordnance Datum) for the Converter Station, and 6m for Fromus Bridge, with an observer eye height of 1.6m. The Sizewell C ZTV is based about a set of Fishnet points produced at 20m intervals within the specified input features (see Legend for height details) with an observer eye height of 1.6m. All heights mentioned above are above ground level (AGL) unless otherwise specified. 1 - See Part 2, Chapter 1, Landscape and Visual for further information.

Zone of Theoretical Visibility

- Proposed project only (Friston Scenario 1)
- Sizewell C only
- Proposed project & Sizewell C

Recreational Paths

- Sandlings Walk
- Suffolk Coast Path
- Suffolk Coastal Cycle Route
- Wolf Way Cycle Route

Public Rights of Way

- Footpath
- Bridleway
- Restricted Byway
- Byway Open to All Traffic

Road

- B1119
- B1121

1	28/04/2026	EXAMINATION DEADLINE 7	EB	DF	RM
Rev	Date	Description	GIS	Chk	App

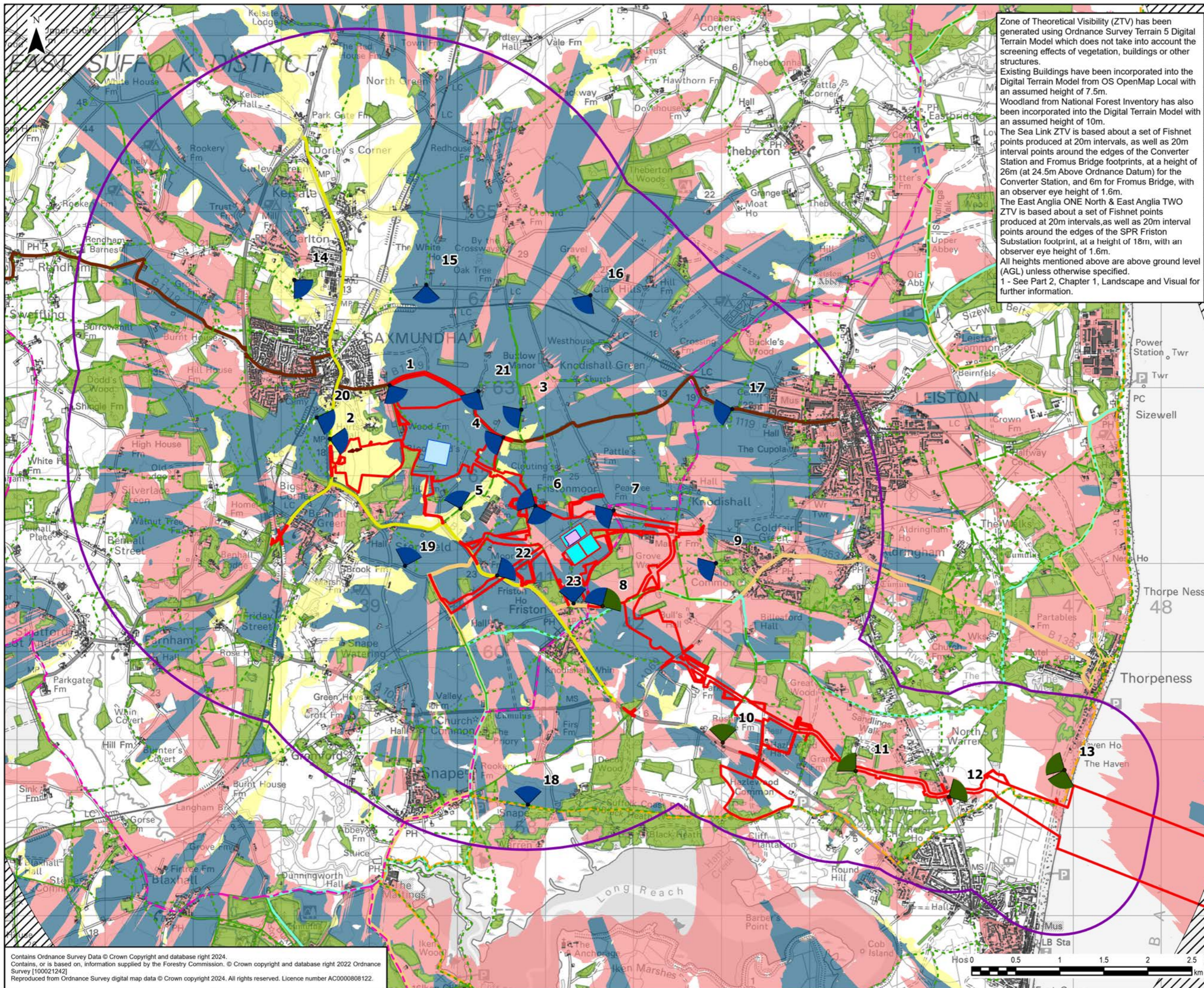
nationalgrid

Scheme: SEA LINK

Document Title: CUMULATIVE SCHEMES (MAJOR PROJECTS) SCREENED ZONE OF THEORETICAL VISIBILITY - SIZEWELL C

Creator: EB	Date: 28/04/2026	Checker: DF	Date: 28/04/2026	Approver: RM	Date: 28/04/2026
Document Ref: FIGURE 6.4.2.1.11A	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	

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Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 Digital Terrain Model which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the Digital Terrain Model from OS OpenMap Local with an assumed height of 7.5m. Woodland from National Forest Inventory has also been incorporated into the Digital Terrain Model with an assumed height of 10m. The Sea Link ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the Converter Station and Fromus Bridge footprints, at a height of 26m (at 24.5m Above Ordnance Datum) for the Converter Station, and 6m for Fromus Bridge, with an observer eye height of 1.6m. The East Anglia ONE North & East Anglia TWO ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the SPR Friston Substation footprint, at a height of 18m, with an observer eye height of 1.6m. All heights mentioned above are above ground level (AGL) unless otherwise specified. 1 - See Part 2, Chapter 1, Landscape and Visual for further information.

Legend

- Order Limits
- Landscape and Visual Study Area
- Proposed Project Friston Substation - 18m Height
- Converter Station - 26m Height
- Fromus Bridge - 6m Height
- East Anglia ONE North and East Anglia TWO - 18m Height
- No 5m Digital Terrain Model Coverage
- Existing Building - 7.5m Height
- National Forest Inventory - Woodland - 10m Height

Representative Viewpoint

- ◀ Type 1
- ◀ Type 1 and Type 3

Zone of Theoretical Visibility

- Proposed project only (Friston Scenario 1)
- East Anglia ONE North / TWO only
- Proposed project & East Anglia ONE North / TWO

Recreational Paths

- Sandlings Walk
- Suffolk Coast Path
- Suffolk Coastal Cycle Route
- Wolf Way Cycle Route

Public Rights of Way

- Footpath
- Bridleway
- Restricted Byway
- Byway Open to All Traffic

Road

- B1119
- B1121

1	28/04/2026	EXAMINATION DEADLINE 7	EB	DF	RM
Rev	Date	Description	GIS	Chk	App

nationalgrid

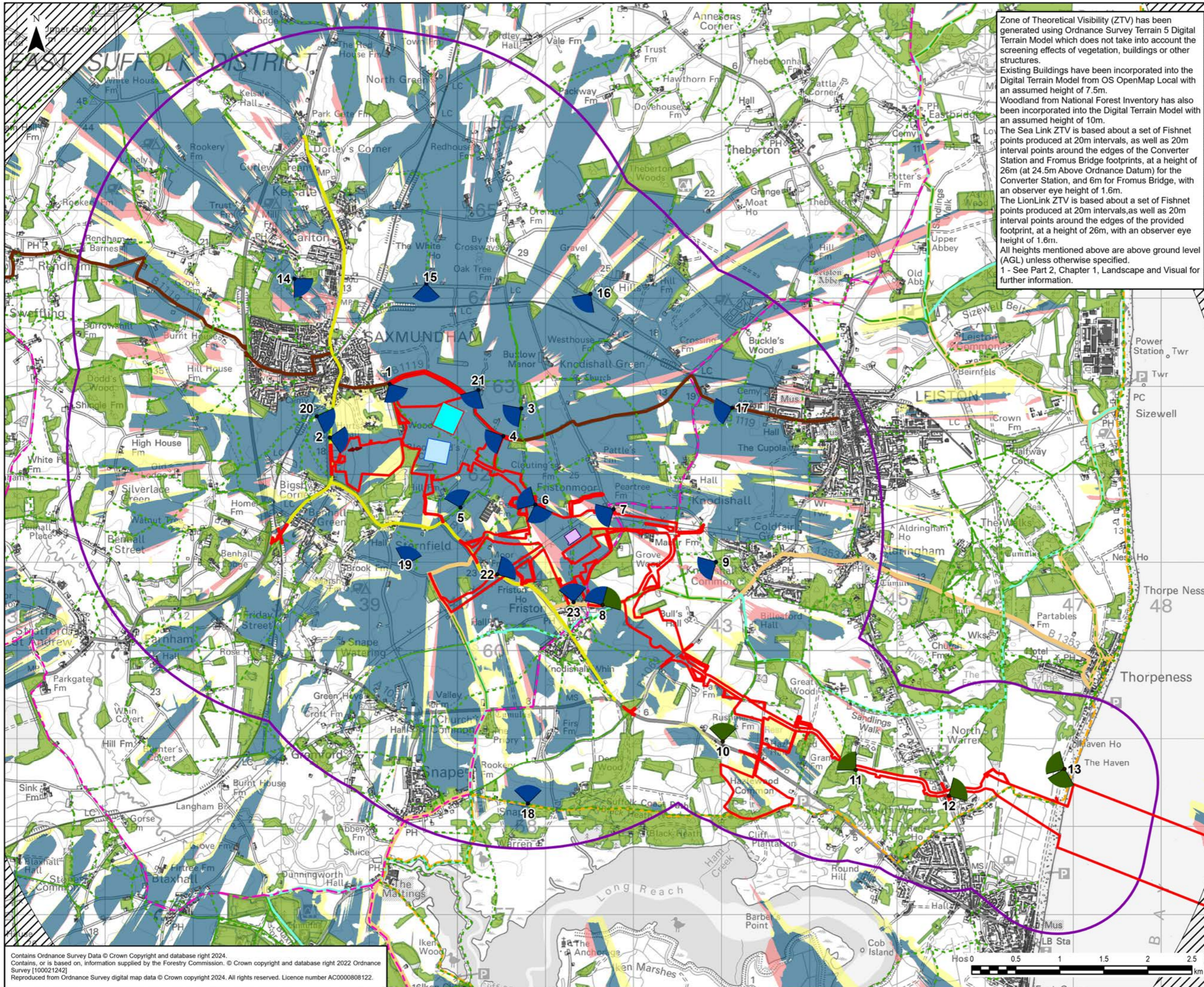
Scheme: SEA LINK

Document Title: CUMULATIVE SCHEMES (MAJOR PROJECTS) SCREENED ZONE OF THEORETICAL VISIBILITY - EAST ANGLIA ONE NORTH AND EAST ANGLIA TWO OFFSHORE WIND FARMS

Creator: EB	Date: 28/04/2026	Checker: DF	Date: 28/04/2026	Approver: RM	Date: 28/04/2026
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Document Ref: FIGURE 6.4.2.1.11b | Scale: 1:40,000 | Format: A3 | Sheets: 1 | Rev: 0

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Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 Digital Terrain Model which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the Digital Terrain Model from OS OpenMap Local with an assumed height of 7.5m. Woodland from National Forest Inventory has also been incorporated into the Digital Terrain Model with an assumed height of 10m. The Sea Link ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the Converter Station and Fromus Bridge footprints, at a height of 26m (at 24.5m Above Ordnance Datum) for the Converter Station, and 6m for Fromus Bridge, with an observer eye height of 1.6m. The LionLink ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the provided footprint, at a height of 26m, with an observer eye height of 1.6m. All heights mentioned above are above ground level (AGL) unless otherwise specified. 1 - See Part 2, Chapter 1, Landscape and Visual for further information.

Legend

- Order Limits
- Landscape and Visual Study Area
- Proposed Project Friston Substation - 18m Height
- Converter Station - 26m Height
- Fromus Bridge - 6m Height
- LionLink - 26m Height
- No 5m Digital Terrain Model Coverage
- Existing Building - 7.5m Height
- National Forest Inventory - Woodland - 10m Height

Representative Viewpoint

- Type 1
- Type 1 and Type 3

Zone of Theoretical Visibility

- Proposed project only (Friston Scenario 1)
- LionLink only
- Proposed project & LionLink

Recreational Paths

- Sandlings Walk
- Suffolk Coast Path
- Suffolk Coastal Cycle Route
- Wolf Way Cycle Route

Public Rights of Way

- Footpath
- Bridleway
- Restricted Byway
- Byway Open to All Traffic

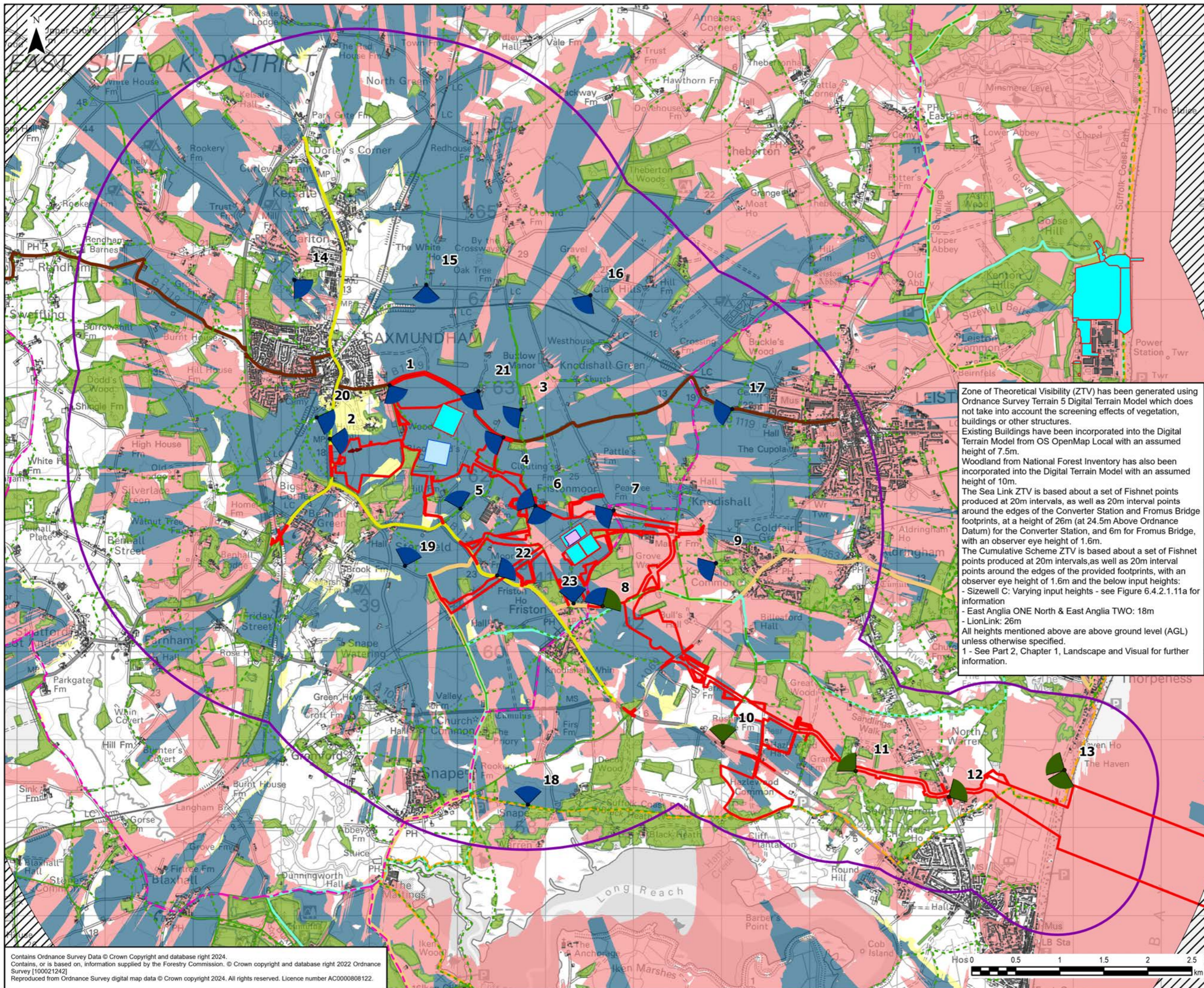
Road

- B1119
- B1121

1	28/04/2026	EXAMINATION DEADLINE 7	EB	DF	RM
Rev	Date	Description	GIS	Chk	App

Scheme: SEA LINK					
Document Title: CUMULATIVE SCHEMES (MAJOR PROJECTS) SCREENED ZONE OF THEORETICAL VISIBILITY - LIONLINK OFFSHORE INTERCONNECTOR					
Creator: EB	Date: 28/04/2026	Checker: DF	Date: 28/04/2026	Approver: RM	Date: 28/04/2026
Document Ref: FIGURE 6.4.2.1.11C	Scale: 1:40,000	Format: A3	Sheets: 1	Rev: 0	

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Legend

- Order Limits
- Landscape and Visual Study Area
- Converter Station - 26m Height
- Fromus Bridge - 6m Height
- Cumulative Scheme Footprints - Varying Heights
- No 5m Digital Terrain Model Coverage
- Existing Building - 7.5m Height
- National Forest Inventory - Woodland - 10m Height

Representative Viewpoint

- ▶ Type 1
- ▶ Type 1 and Type 3

Zone of Theoretical Visibility

- Proposed project only (Friston Scenario 1)
- Cumulative schemes only
- Proposed project & Cumulative schemes

Recreational Paths

- Sandlings Walk
- Suffolk Coast Path
- Suffolk Coastal Cycle Route
- Wolf Way Cycle Route

Public Rights of Way

- Footpath
- Bridleway
- Restricted Byway
- Byway Open to All Traffic

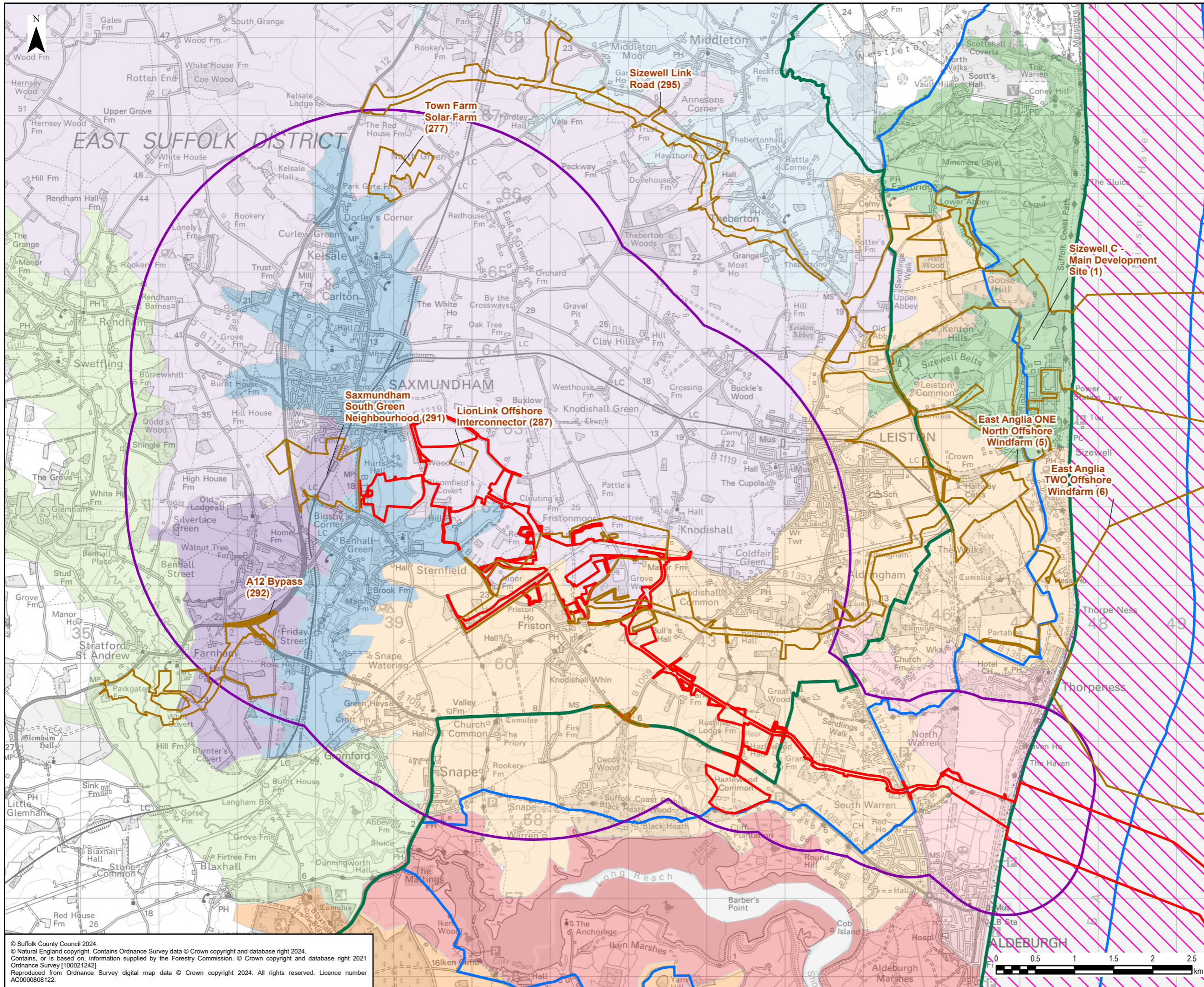
Road

- B1119
- B1121

Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 Digital Terrain Model which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the Digital Terrain Model from OS OpenMap Local with an assumed height of 7.5m. Woodland from National Forest Inventory has also been incorporated into the Digital Terrain Model with an assumed height of 10m. The Sea Link ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the Converter Station and Fromus Bridge footprints, at a height of 26m (at 24.5m Above Ordnance Datum) for the Converter Station, and 6m for Fromus Bridge, with an observer eye height of 1.6m. The Cumulative Scheme ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the provided footprints, with an observer eye height of 1.6m and the below input heights:
 - Sizewell C: Varying input heights - see Figure 6.4.2.1.11a for information
 - East Anglia ONE North & East Anglia TWO: 18m
 - LionLink: 26m
 All heights mentioned above are above ground level (AGL) unless otherwise specified.
 1 - See Part 2, Chapter 1, Landscape and Visual for further information.

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1	28/04/2026	EXAMINATION DEADLINE 7	EB	DF	RM
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: CUMULATIVE SCHEMES (MAJOR PROJECTS) SCREENED ZONE OF THEORETICAL VISIBILITY - ALL SCHEMES MERGED					
Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	28/04/2026	DF	28/04/2026	RM	28/04/2026
Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 6.4.2.1.11D	1:40,000	A3	1	0	



Legend

- Order Limits
- Landscape and Visual Study Area
- Scoped-in Cumulative Schemes
- Suffolk Coast and Heaths Area of Outstanding Natural Beauty
- Suffolk Heritage Coast (note this is defined rather than designated)

Suffolk Coastal Landscape Character Assessment

- B3: Yox Valley
- B4: Fromus Valley
- B5: Alde Valley
- D3: Minsmere and Sizewell Coast
- D4: Thorpeness to Aldeburgh
- J4: Alde Estuary
- K3: Aldringham and Friston Sandlands
- K4: Rendlesham and Tunstall Sandlands
- L1: Heveningham and Knodishall Estate Claylands
- O1: Benhall Estate Sandlands

Regional Seascape Character Types

- SCT 03: Nearshore Waters

0	03/02/2025	ENVIRONMENTAL STATEMENT	EB	DF	CW
Rev	Date	Description	GIS	Chk	App

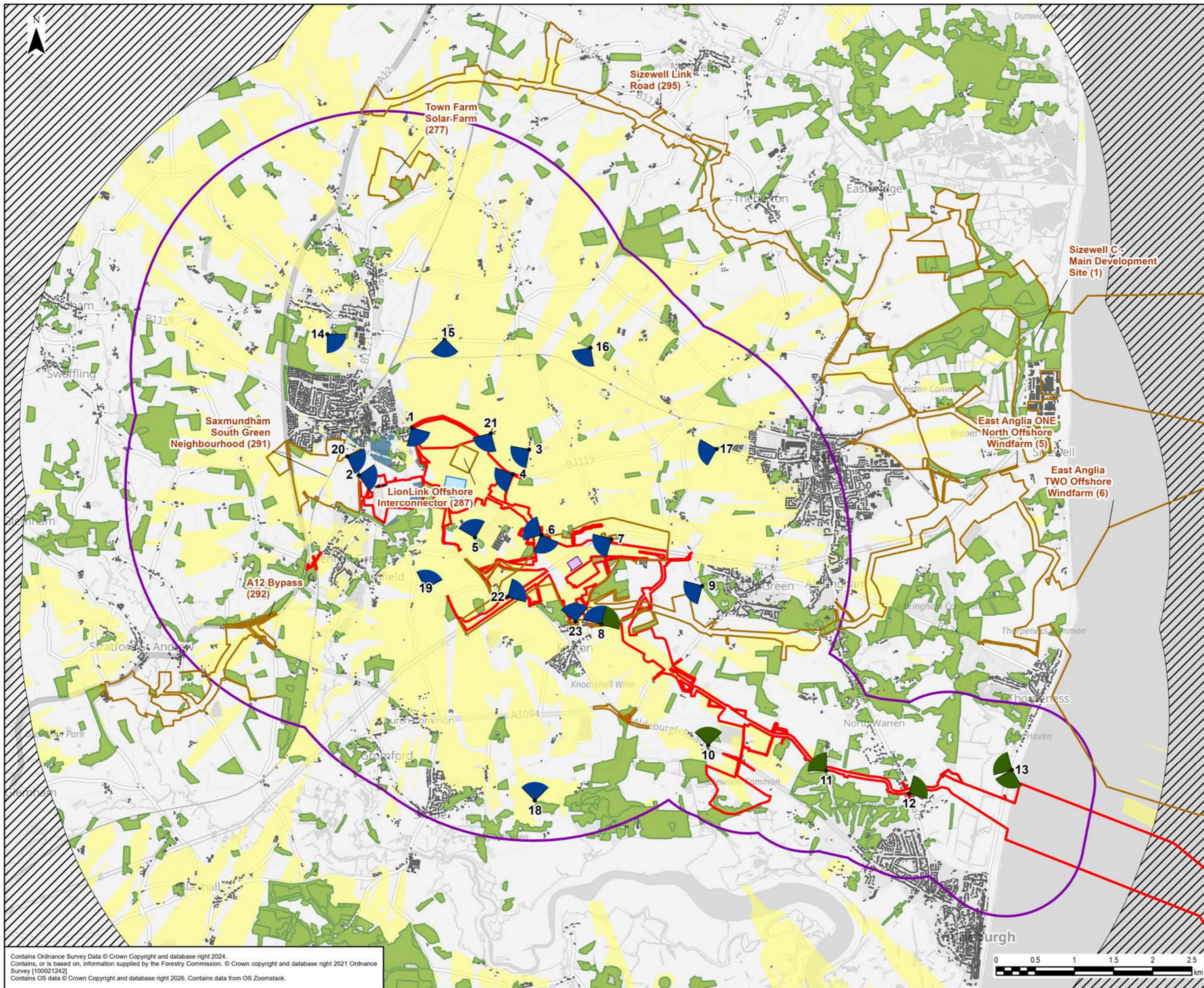
nationalgrid

Scheme: SEA LINK

Document Title: LANDSCAPE CONTEXT AND DESIGNATIONS AND LANDSCAPE CHARACTER - DISTRICT WITH SCOPED-IN CUMULATIVE SCHEMES

Creator: EB	Date: 03/02/2025	Checker: DF	Date: 03/02/2025	Approver: CW	Date: 03/02/2025
Document Ref: FIGURE 6.4.2.1.12	Scale: 1:45,000	Format: A3	Sheets: 1	Rev: 0	

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Legend

- Order Limits
- Landscape and Visual Study Area
- Proposed Project Friston Substation - 18m Height
- Converter Station - 26m Height
- Fromus Bridge - 6m Height
- Existing Building - 7.5m Height
- National Forest Inventory - Woodland - 10m Height
- No 5m Digital Terrain Model Coverage

Representative Viewpoint

- ◀ Type 1
- ◀ Type 1 and Type 3

Zone of Theoretical Visibility

- Converter Station only
- Fromus Bridge only
- Converter Station & Fromus Bridge
- Scoped-in Cumulative Schemes

Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 Digital Terrain Model which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the Digital Terrain Model from OS OpenMap Local with an assumed height of 7.5m. Woodland from National Forest Inventory has also been incorporated into the Digital Terrain Model with an assumed height of 10m. The ZTV is based about a set of Fishnet points produced at 20m intervals, as well as 20m interval points around the edges of the Converter Station and Fromus Bridge footprints, at a height of 26m (at 24.5m Above Ordnance Datum) for the Converter Station, and 6m for Fromus Bridge, with an observer eye height of 1.6m. All heights mentioned above are above ground level (AGL) unless otherwise specified. 1 - See Part 2, Chapter 1, Landscape and Visual for further information.

1	28/04/2026	EXAMINATION DEADLINE 7	EB	DF	RM
Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: SEA LINK

Document Title: REPRESENTATIVE VIEWPOINT LOCATIONS AND SCREENED ZONE OF THEORETICAL VISIBILITY - SEA LINK AND FRISTON SCENARIO 1 WITH SCOPED IN CUMULATIVE SCHEMES

Creator: EB	Date: 28/04/2026	Checker: DF	Date: 28/04/2026	Approver: RM	Date: 28/04/2026
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Document Ref: FIGURE 6.4.2.1.13 Scale: 1:45,000 Format: A3 Sheets: 1 Rev: 0

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