




**F I V E**   
**ESTUARIES**  
OFFSHORE WIND FARM

**FIVE ESTUARIES**  
**OFFSHORE WIND FARM**  
ENVIRONMENTAL STATEMENT

VOLUME 6, PART 7, ANNEX 10.3.4:  
SEASCAPE AND LANDSCAPE VISUAL  
FIGURES 10.16 – 10.20

Application Reference	EN010115
Application Document Number	6.7.10.3.4
Revision	A
APFP Regulation	5(2)(a)
Date	March 2024





Project	Five Estuaries Offshore Wind Farm
Sub-Project or Package	Environmental Statement
Document Title	Volume 6, Part 7, Annex 10.3.4: Seascape and Landscape Visual Figures 10.16 - 10.20
Application Document Number	6.7.10.3.4
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Revision	Date	Status/Reason for Issue	Originator	Checked	Approved
A	Mar-24	ES	OPEN	GoBe	VE OWFL



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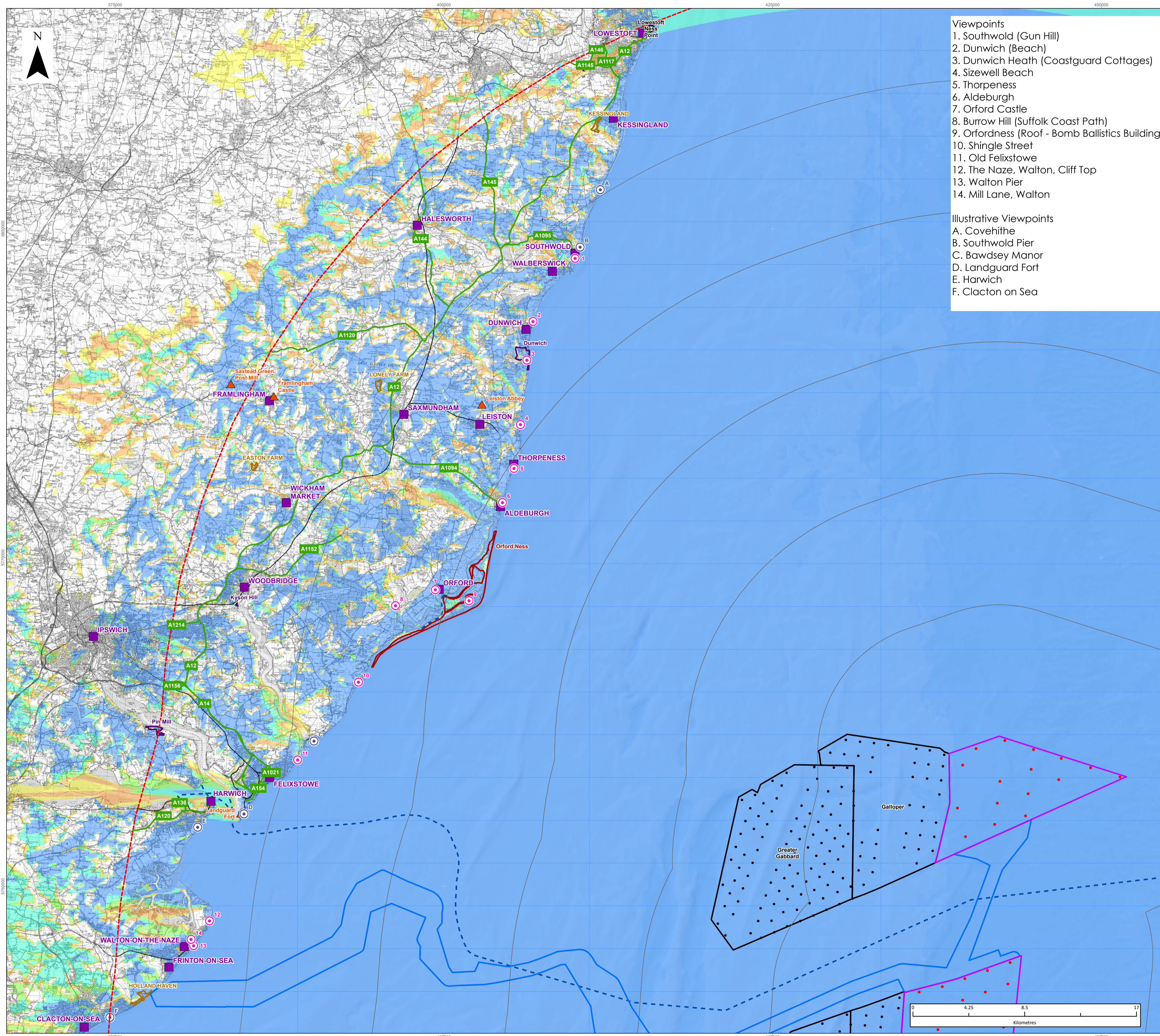
10.16 ZTV with Visual Receptors

10.17 ZTV Recreational Routes - Essex

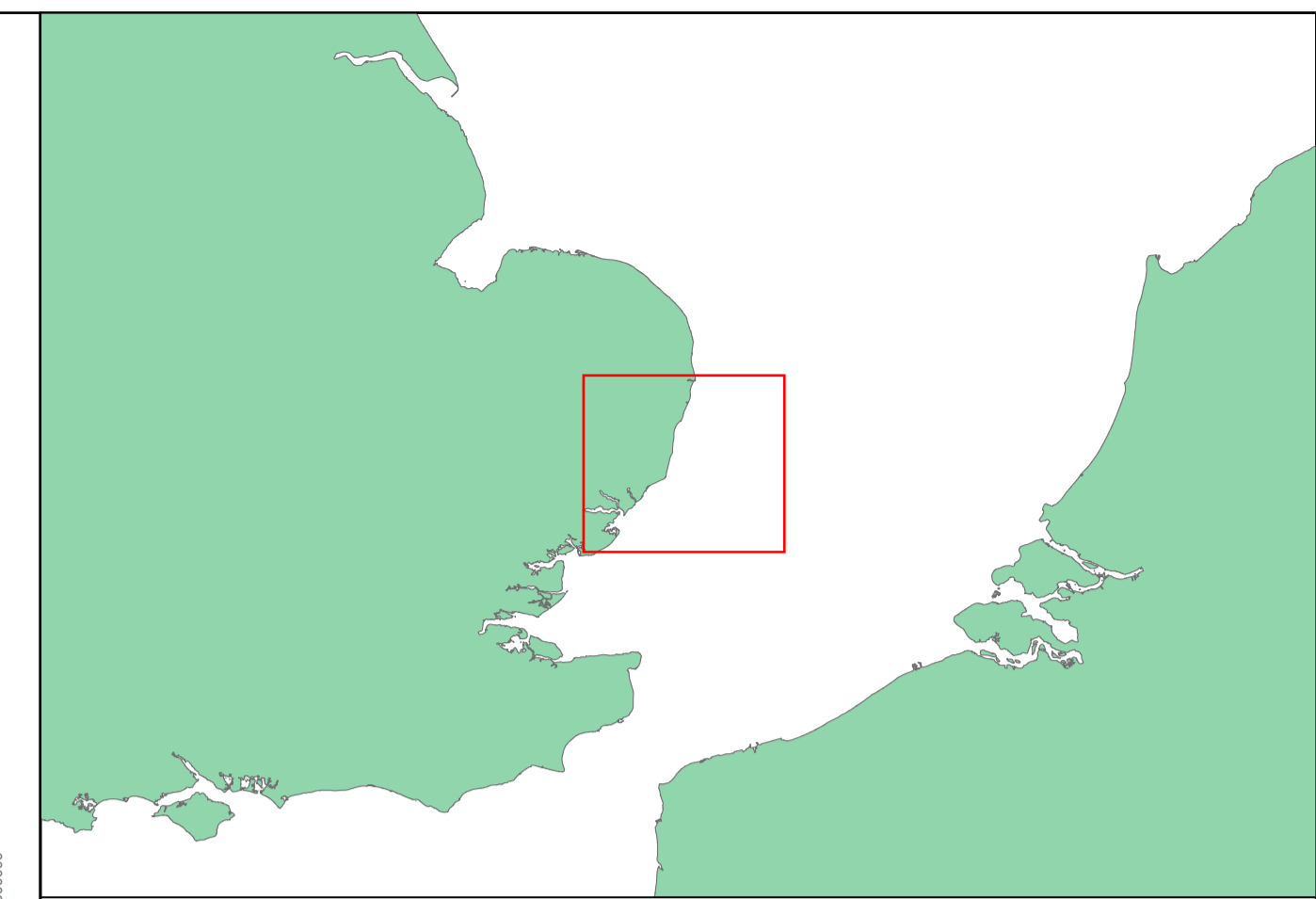
10.18 ZTV Recreational Routes – Suffolk

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  - D. Landguard Fort
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**LEGEND**

- Indicative Turbines
- Array Areas
- Offshore Export Cable Corridor
- Illustrative Viewpoint
- Viewpoint
- Wind Farm Development Status
  - Operational
  - Settlement
  - English Heritage Site
  - Railway
  - A Road
- Ferry Route
- National Trust Land - Limited Access
- National Trust Land - Always Open
- Country Park
- No. of Blade Tips Theoretically Visible\*
  - 1 - 10
  - 11 - 20
  - 21 - 30
  - 31 - 40
  - 41

**\*ZTV Parameters**  
 Blade Tip: 395m  
 DTM: OS T5/T50/SRTM  
 DTM Resolution: 10m  
 Observer Height: 2m  
 Surface Features: Excluded  
 Earth Curvature: Included

Data Source: Basemap: World Ocean Base: OceanWise, Esri, Garmin, NaturalVue  
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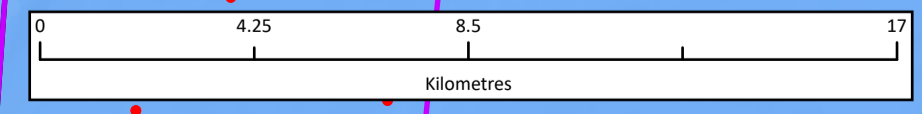
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 FIVE ESTUARIES OFFSHORE WINDFARM

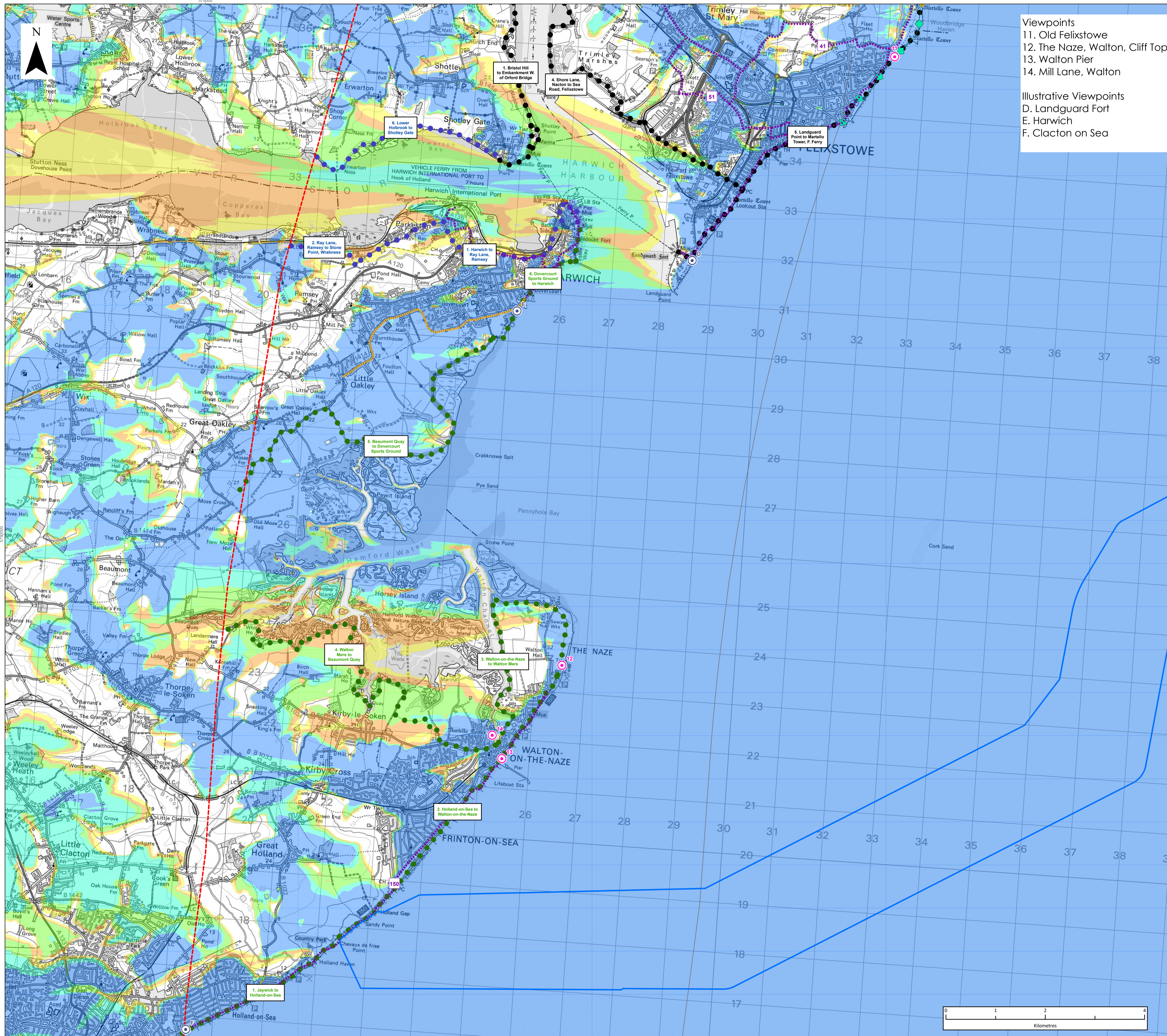
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VER	DATE	REMARKS	Drawn	Checked
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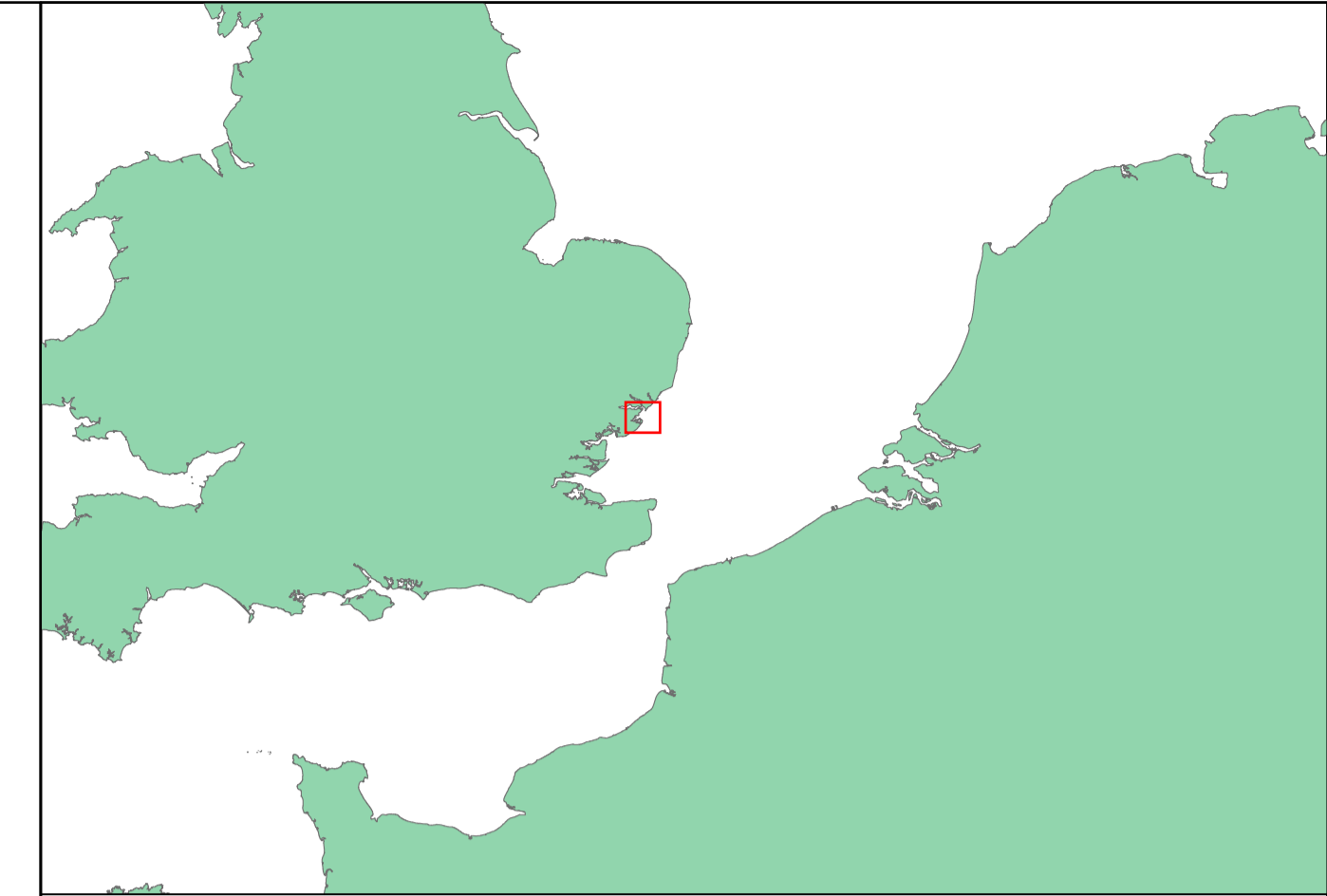
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SCALE: 1:150,000	PLOT SIZE: A1	DATUM: WGS84	PROJECTION: UTM31N
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- Viewpoints**  
 11. Old Felixstowe  
 12. The Naze, Walton, Cliff Top  
 13. Walton Pier  
 14. Mill Lane, Walton
- Illustrative Viewpoints**  
 D. Landguard Fort  
 E. Harwich  
 F. Clacton on Sea



**LEGEND**

- Offshore Export Cable Corridor
- 10km Radii
- 60km Study Area
- Viewpoint
- Illustrative Viewpoint
- National Cycle Network
- Recreational Cycle Route
- England Coastal Path
- Felixstowe Ferry to Bawdsey
- Harwich to Shotley Gate
- Jaywick to Harwich
- Shotley Gate to Felixstowe Ferry
- Suffolk Coastal Path
- Felixstowe to Felixstowe Ferry

**No. of Blade Tips Theoretically Visible\***

- 1 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41

**\*ZTV Parameters**  
 Blade Tip: 395m  
 DTM: OS T5/T50/SRTM  
 DTM Resolution: 10m  
 Observer Height: 2m  
 Surface Features: Excluded  
 Earth Curvature: Included

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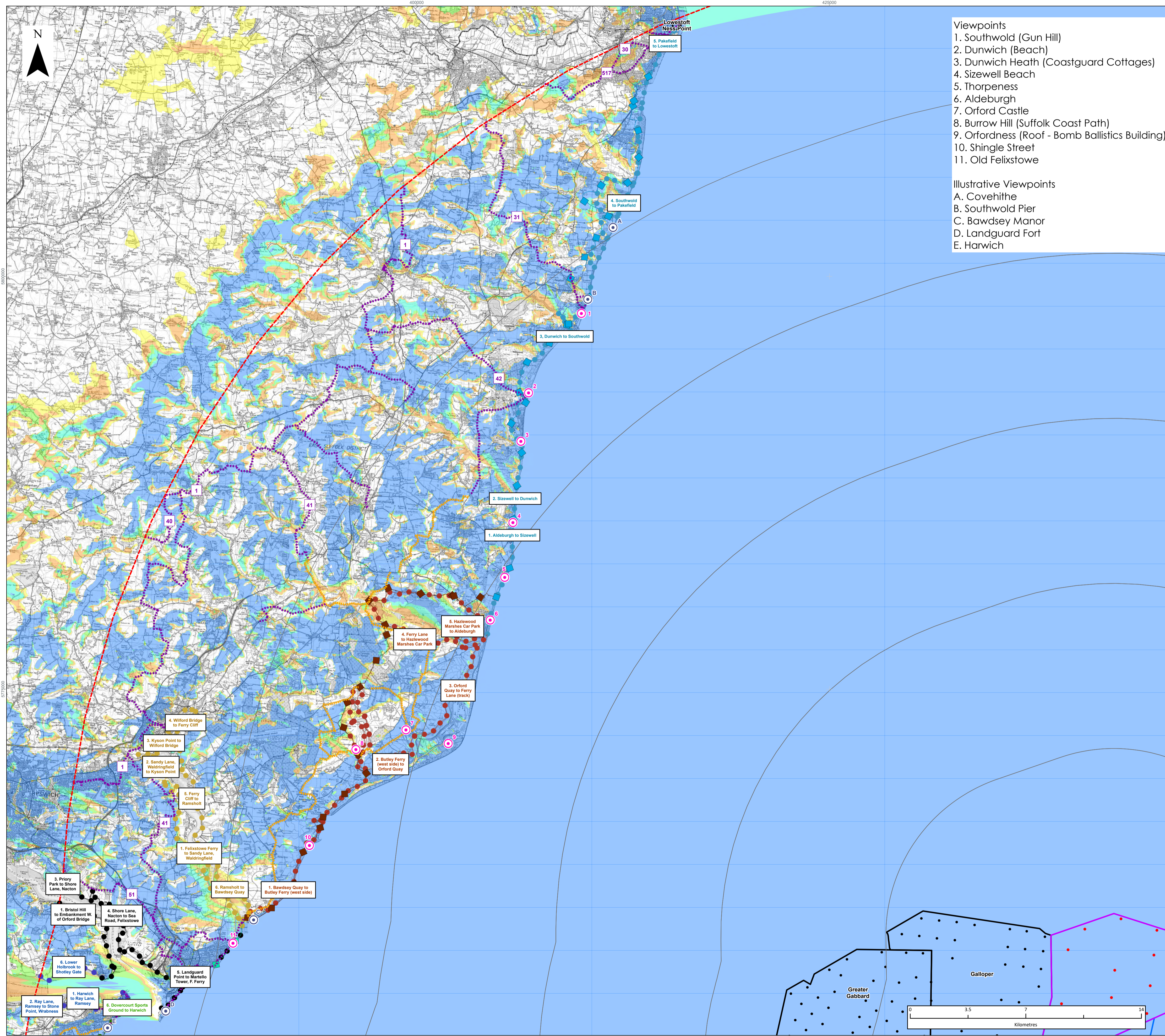
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**DRAWING TITLE:**  
 Blade Tip ZTV with Recreational Routes - Essex

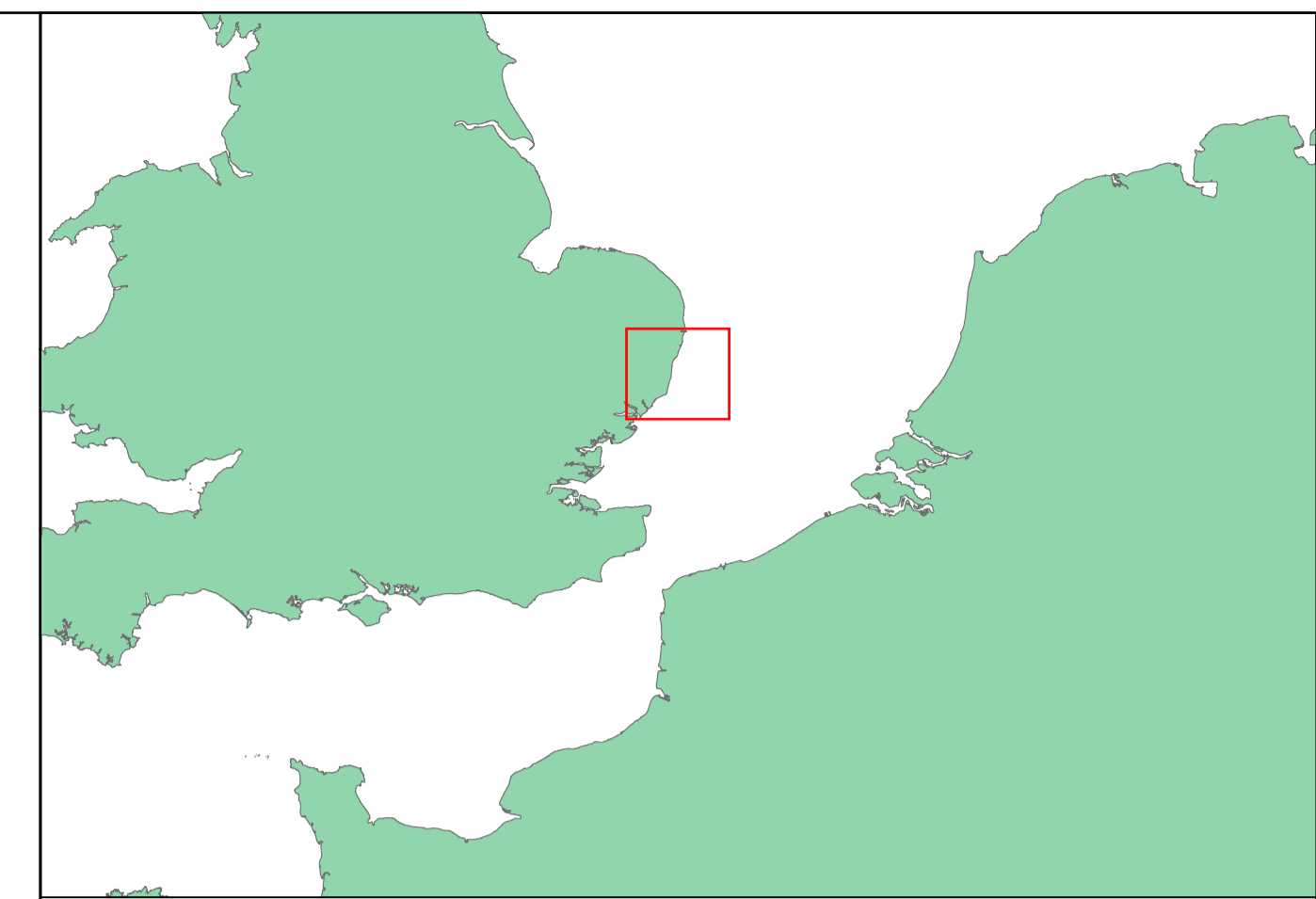
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**DRAWING NUMBER:**  
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- Viewpoints**
1. Southwold (Gun Hill)
  2. Dunwich (Beach)
  3. Dunwich Heath (Coastguard Cottages)
  4. Sizewell Beach
  5. Thorpeness
  6. Aldeburgh
  7. Orford Castle
  8. Burrow Hill (Suffolk Coast Path)
  9. Orfordness (Roof - Bomb Ballistics Building)
  10. Shingle Street
  11. Old Felixstowe
- Illustrative Viewpoints**
- A. Covehithe
  - B. Southwold Pier
  - C. Bawdsey Manor
  - D. Landguard Fort
  - E. Harwich



**LEGEND**

- Indicative Turbines
- Array Areas
- ▭ Offshore Export Cable Corridor
- 10km Radii
- ▭ 60km Study Area
- Viewpoint
- ⊙ Illustrative Viewpoint
- Operational
- England Coastal Path
- Aldeburgh to Hopton-on-Sea
- Bawdsey to Aldeburgh
- Felixstowe Ferry to Bawdsey
- Harwich to Shotley Gate
- Jaywick to Harwich
- Shotley Gate to Felixstowe Ferry
- Suffolk Coastal Path
- ◆ Felixstowe to Felixstowe Ferry
- ◆ Bawdsey to Aldeburgh
- ◆ Aldeburgh to Hopton-on-Sea
- ◆ Recreational Cycle Route
- ◆ National Cycle Network

**Wind Farm Development Status**

- Operational

**England Coastal Path**

- Aldeburgh to Hopton-on-Sea
- Bawdsey to Aldeburgh
- Felixstowe Ferry to Bawdsey
- Harwich to Shotley Gate
- Jaywick to Harwich

**No. of Blade Tips Theoretically Visible\***

- 1 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41

**\*ZTV Parameters**

Blade Tip: 395m  
 DTM: OS T5/T50/SRTM  
 DTM Resolution: 10m  
 Observer Height: 2m  
 Surface Features: Excluded  
 Earth Curvature: Included

Data Source:  
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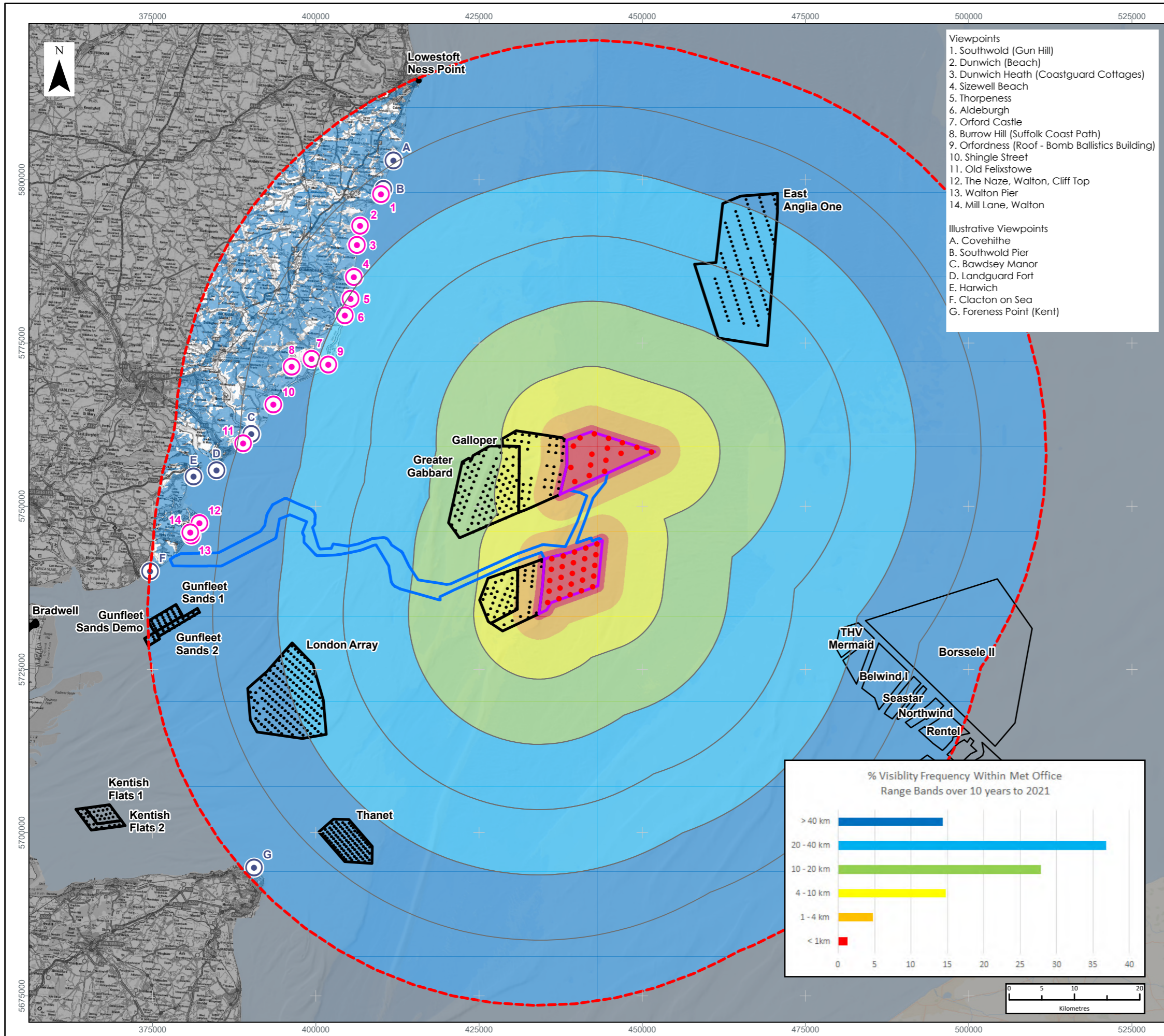
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 Blade Tip ZTV with Recreational Routes - Suffolk

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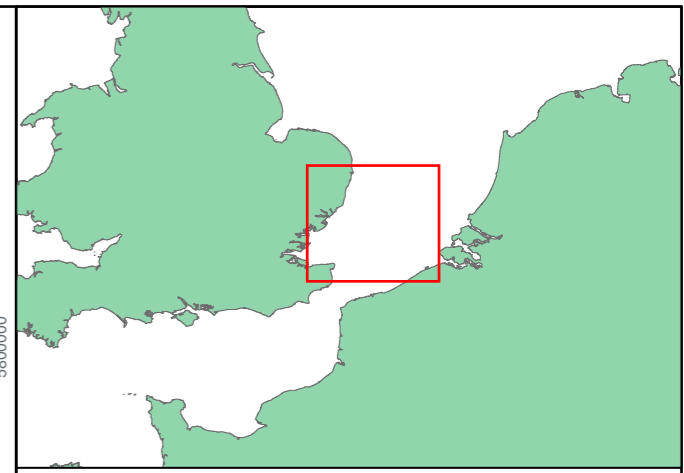
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- Viewpoints**
1. Southwold (Gun Hill)
  2. Dunwich (Beach)
  3. Dunwich Heath (Coastguard Cottages)
  4. Sizewell Beach
  5. Thorpeness
  6. Aldeburgh
  7. Orford Castle
  8. Burrow Hill (Suffolk Coast Path)
  9. Orfordness (Roof - Bomb Ballistics Building)
  10. Shingle Street
  11. Old Felixstowe
  12. The Naze, Walton, Cliff Top
  13. Walton Pier
  14. Mill Lane, Walton
- Illustrative Viewpoints**
- A. Covehithe
  - B. Southwold Pier
  - C. Bawdsey Manor
  - D. Landguard Fort
  - E. Harwich
  - F. Clacton on Sea
  - G. Foreness Point (Kent)



**LEGEND**

- Indicative Turbines
- Array Areas
- Offshore Export Cable Corridor
- 10km Radii
- 60km Study Area
- Viewpoint
- Illustrative Viewpoint

**Wind Farm Development Status**

- Operational

**Met Office Visibility Range**

- <1km Very Poor Visibility
- 1-4km Poor Visibility
- 4-10km Moderate Visibility
- 10-20km Good Visibility
- 20-40km Very Good Visibility
- 40-60km Excellent Visibility
- >60km No Visibility

**\*ZTV Parameters**

Blade Tip: 395m  
 DTM: OS T5/T50/SRTM  
 DTM Resolution: 10m  
 Observer Height: 2m  
 Surface Features: Excluded  
 Earth Curvature: Included

Data Source:  
 Basemap: World Ocean Base: OceanWise, Esri, GEBCO, Garmin, NaturalVue  
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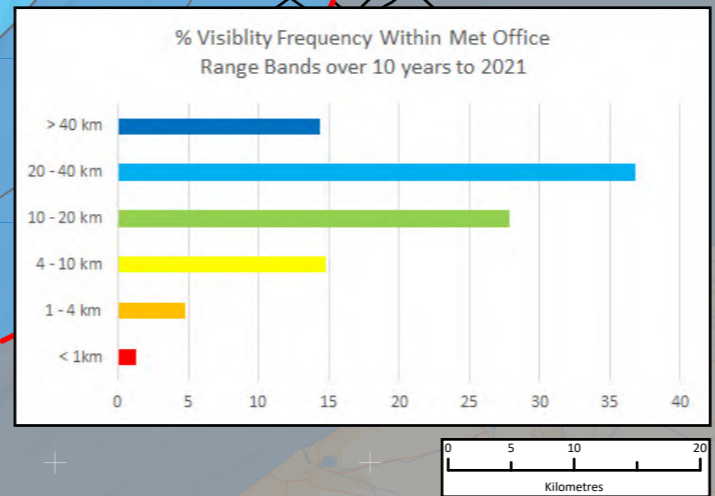
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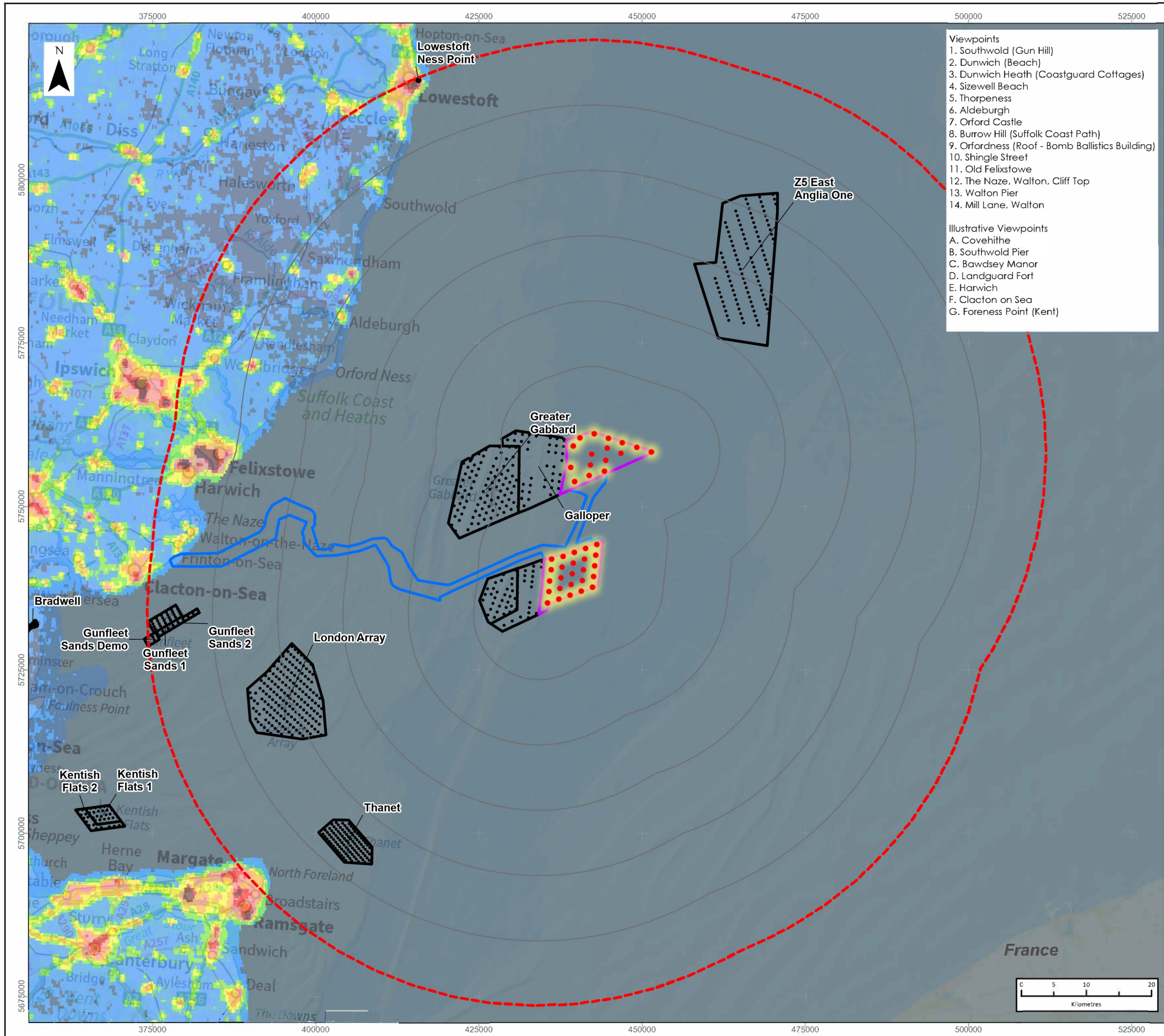
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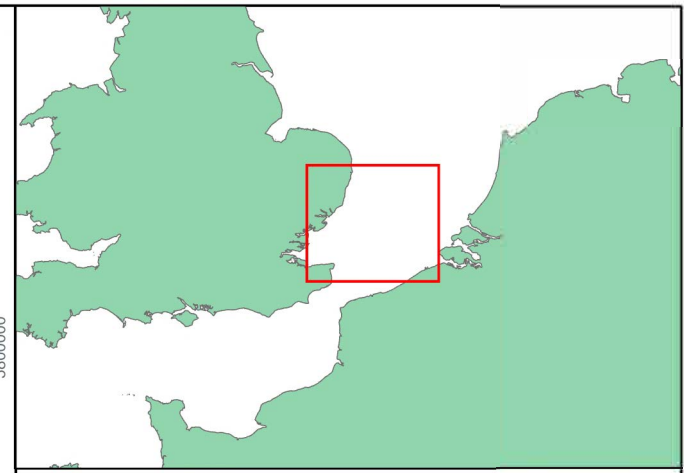
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SCALE: 1:600,000 | PLOT SIZE: A3 | DATUM: WGS84 | PROJECTION: UTM31N





- Viewpoints**
1. Southwold (Gun Hill)
  2. Dunwich (Beach)
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  5. Thorpeness
  6. Aldeburgh
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  14. Mill Lane, Walton
- Illustrative Viewpoints**
- A. Covehithe
  - B. Southwold Pier
  - C. Bawdsey Manor
  - D. Landguard Fort
  - E. Harwich
  - F. Clacton on Sea
  - G. Foreness Point (Kent)



**LEGEND**

- Indicative turbines without Aviation lighting
- Indicative turbines with Aviation lighting
- ▭ Array Areas
- ▭ Offshore Export Cable Corridor
- ▭ 10km Radii
- ▭ 60km Study Area

**Wind Farm Development Status:**

- ▭ Operational

**CPRE Night Light Pollution (NanoWatts / cm<sup>2</sup> / sr)**

- >32 (high)
- 16 - 32
- 8 - 16
- 4 - 8
- 2 - 4
- 1 - 2
- 0.5 - 1
- 0.25 - 0.5
- < 0.25 (low)

**Data Source:**  
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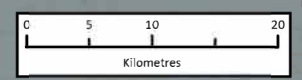
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**DRAWING TITLE:**  
 Baseline Lighting

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**DRAWING NUMBER:**  
 10.20

SCALE: 1:600,000 | PLOT SIZE: A3 | DATUM: WGS84 | PROJECTION: UTM31N







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Registered in England and Wales  
company number 12292474

