



FIVE
ESTUARIES
OFFSHORE WIND FARM

FIVE ESTUARIES
OFFSHORE WIND FARM
ENVIRONMENTAL STATEMENT

VOLUME 6, PART 7, ANNEX 10.3.2:
SEASCAPE AND LANDSCAPE VISUAL
FIGURES 10.6 – 10.10

Application Reference	EN010115
Application Document Number	6.7.10.3.2
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 10.3.2: Seascape and Landscape Visual Figures 10.6 - 10.10
Application Document Number	6.7.10.3.2
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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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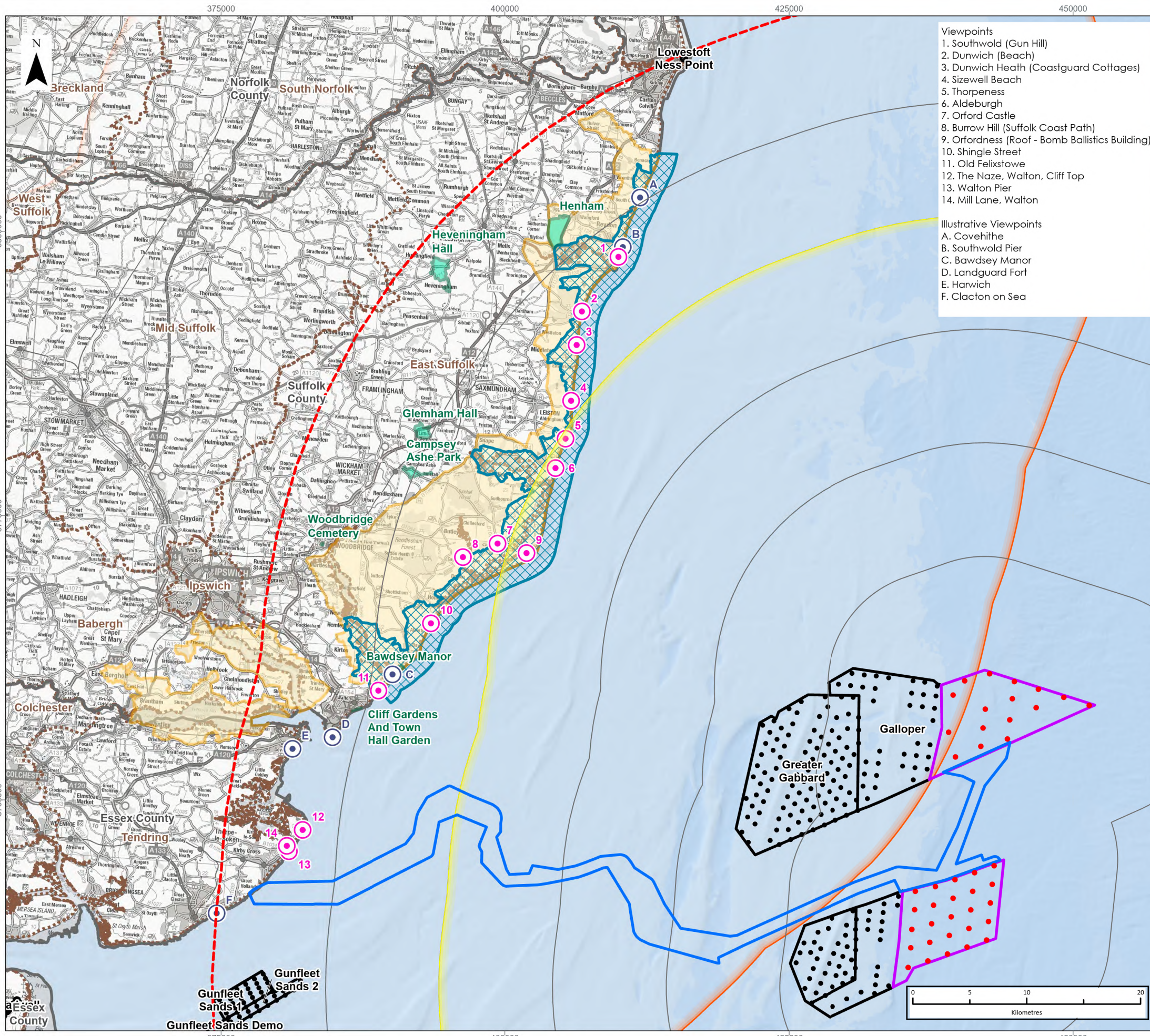
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10.7 Max Number ZTV

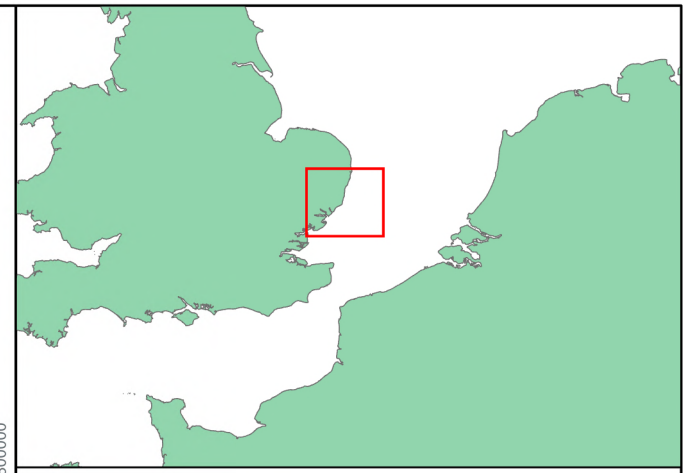
10.8 Max Height ZTV

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10.10 Surface Screening ZTV



- 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



LEGEND

- Indicative Turbines
- ▭ Array Areas
- ▭ Offshore Export Cable Corridor
- ▭ 10km Radii
- ▭ 40km Radius
- ▭ 60km Study Area
- Viewpoint
- Illustrative Viewpoint

Wind Farm Development Status

- ▭ Operational
- ▭ Registered Parks and Gardens
- ▭ Suffolk Heritage Coast
- ▭ Suffolk Coast & Heaths Area of Natural Beauty
- ▭ 40km recommended buffer for AONB/Heritage Coast (OESEA, 2020) for WTGs 226-400m high

Data Source:
 Basemap: World Ocean Base: OceanWise, Esri, Garmin, NaturalVue
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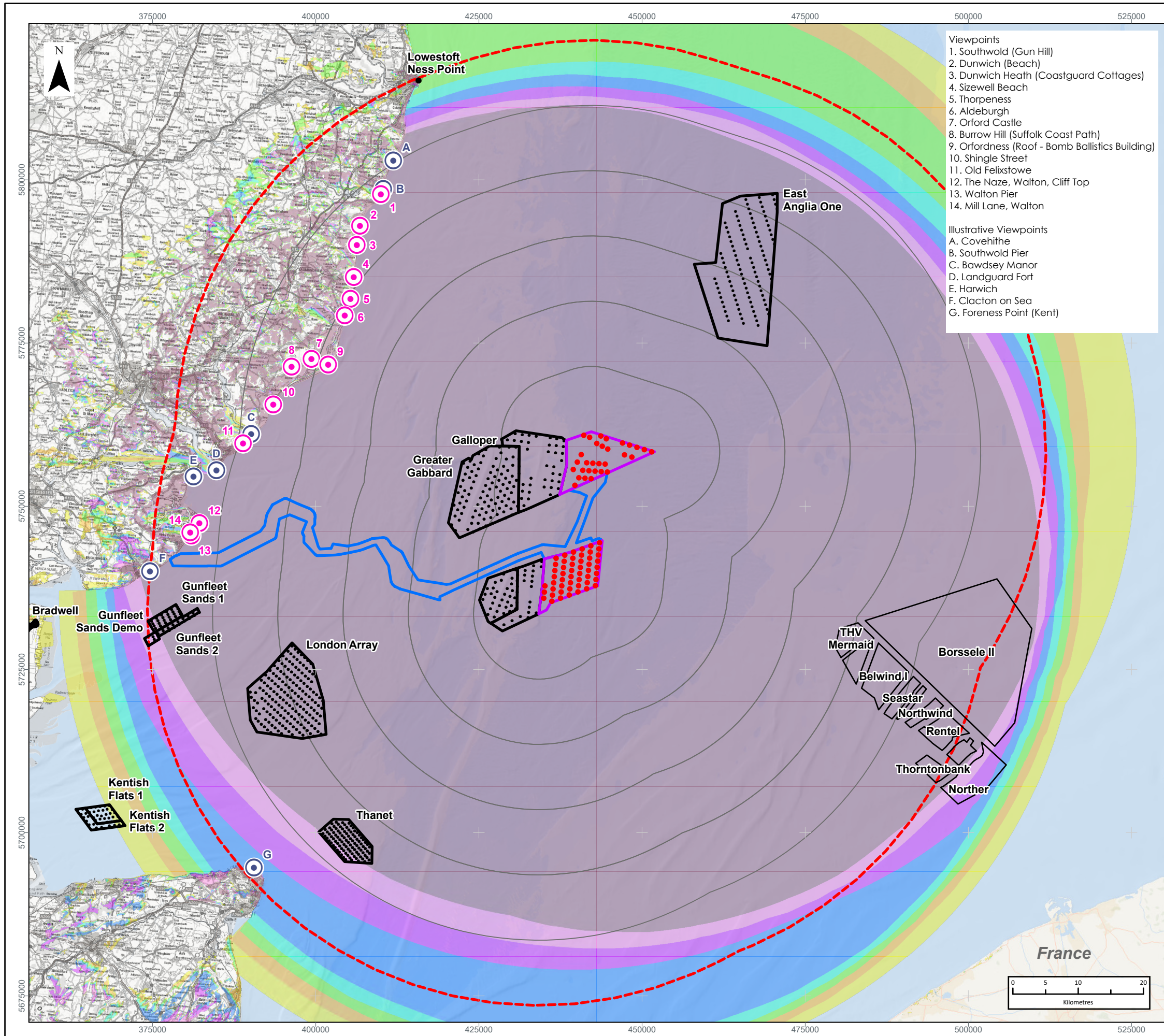
PROJECT TITLE:
 FIVE ESTUARIES OFFSHORE WIND FARM

DRAWING TITLE:
 Landscape Designations

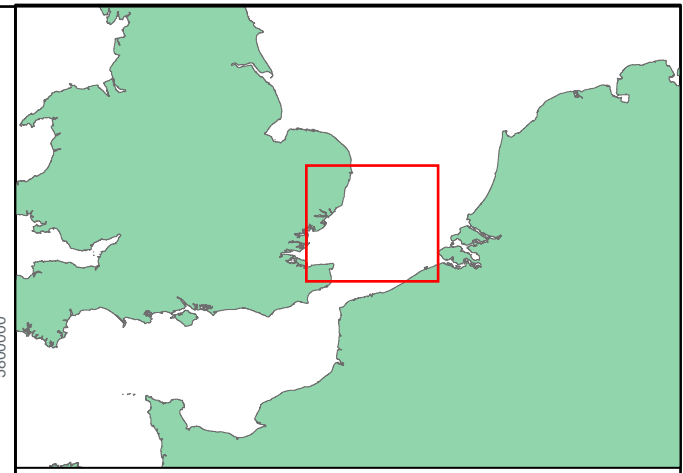
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2	10/01/2024	For Issue	RA	SM

DRAWING NUMBER:
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SCALE: 1:350,000 **PLOT SIZE:** A3 **DATUM:** WGS84 **PROJECTION:** UTM31N



- Viewpoints**
1. Southwold (Gun Hill)
 2. Dunwich (Beach)
 3. Dunwich Heath (Coastguard Cottages)
 4. Sizewell Beach
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 9. Orfordness (Roof - Bomb Ballistics Building)
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 12. The Naze, Walton, Cliff Top
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- 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
- Operational

No. of Blade Tips Theoretically Visible*

- 1 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41 - 50
- 51 - 60
- 61 - 70
- 71 - 79

Wind Farm Development Status

- Operational

***ZTV Parameters**
 Blade Tip: 323.2m
 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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 FIVE ESTUARIES OFFSHORE WINDFARM

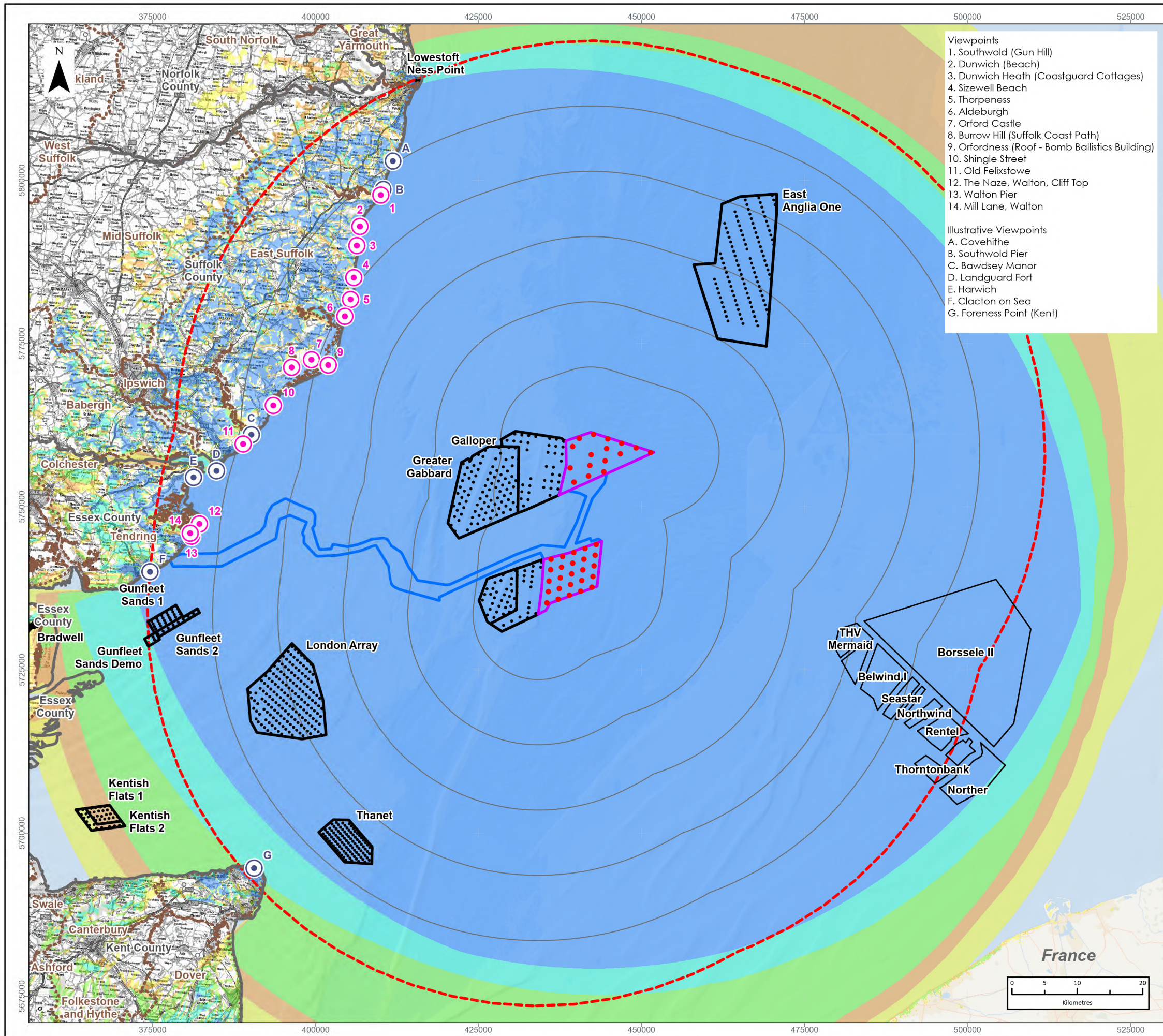
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 Blade Tip ZTV (Maximum Number)

VER	DATE	REMARKS	Drawn	Checked
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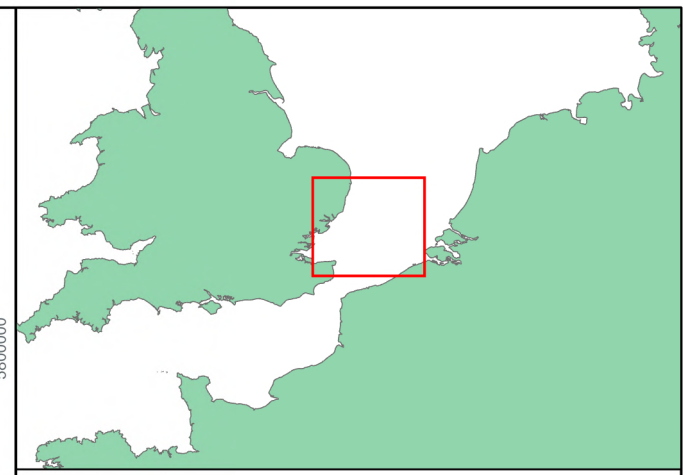
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SCALE: 1:600,000 | PLOT SIZE: A3 | DATUM: WGS84 | PROJECTION: UTM31N





- Viewpoints**
1. Southwold (Gun Hill)
 2. Dunwich (Beach)
 3. Dunwich Heath (Coastguard Cottages)
 4. Sizewell Beach
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 6. Aldeburgh
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 11. Old Felixstowe
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 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
- District Boundary
- County Boundary

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, GEBCO, Garmin, NaturaVUE
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 FIVE ESTUARIES OFFSHORE WINDFARM

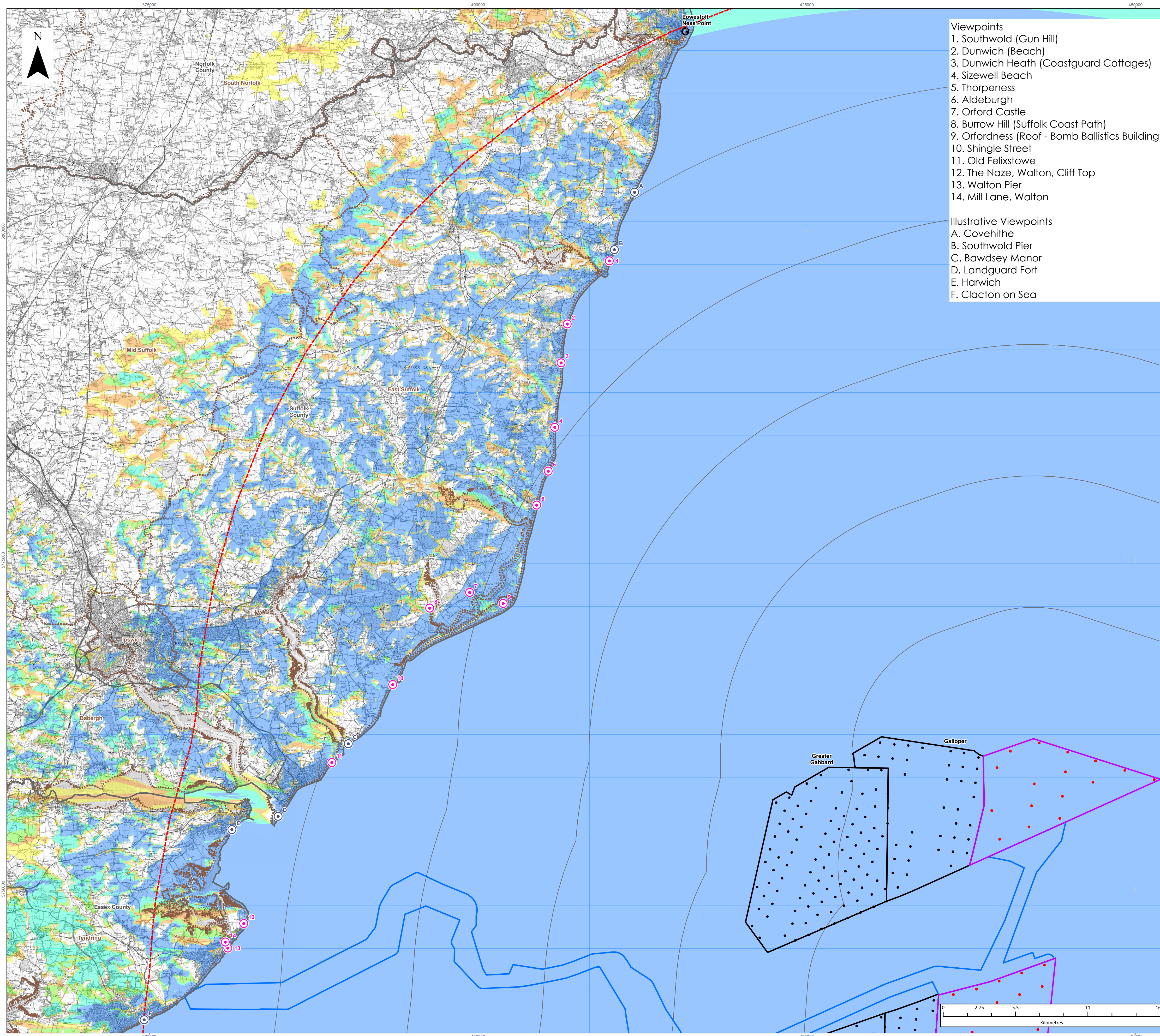
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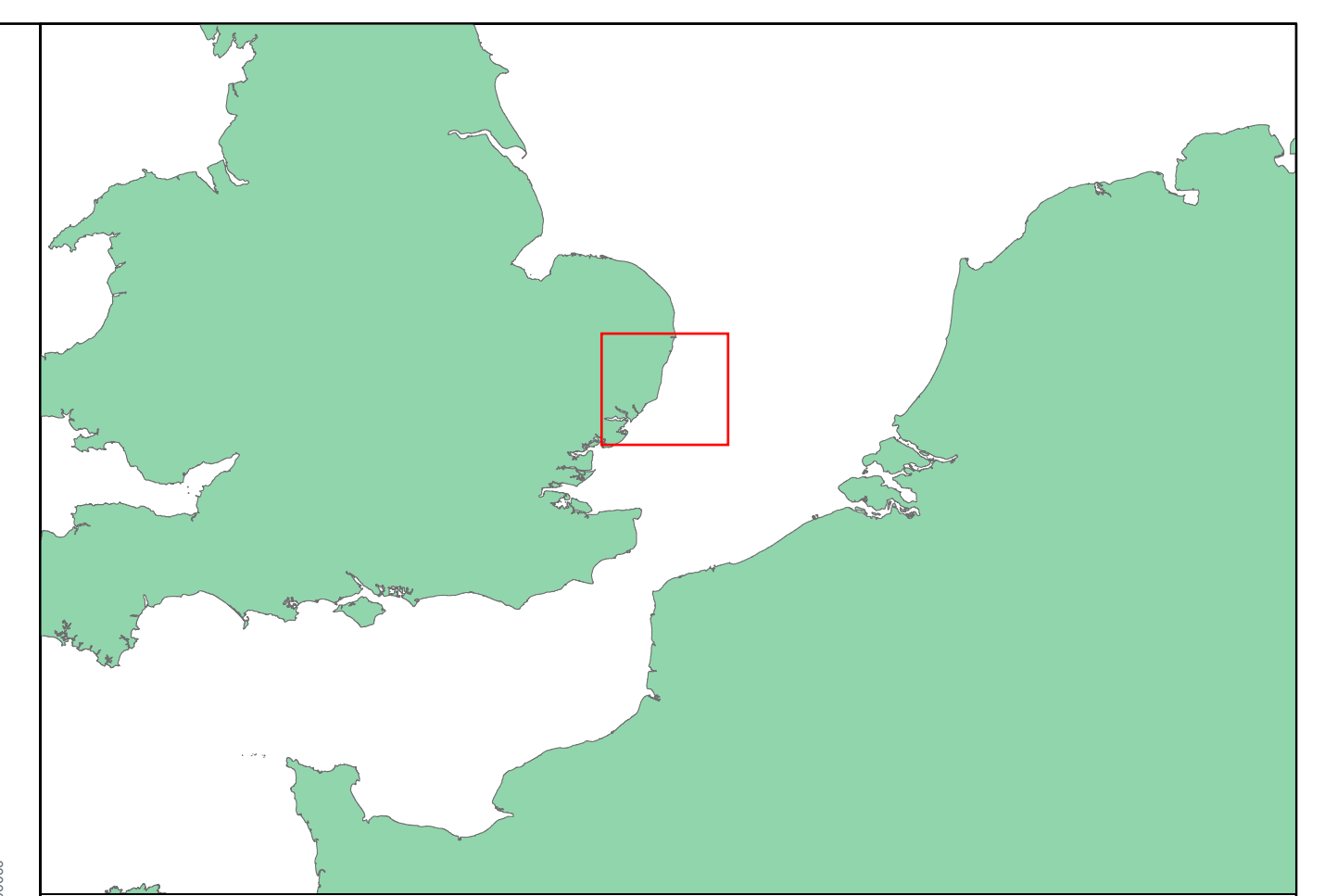
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SCALE: 1:600,000 | PLOT SIZE: A3 | DATUM: WGS84 | PROJECTION: UTM31N





- Viewpoints**
1. Southwold (Gun Hill)
 2. Dunwich (Beach)
 3. Dunwich Heath (Coastguard Cottages)
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 5. Thorpeness
 6. Aldeburgh
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 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



LEGEND

- Indicative Turbines
- ▭ Array Areas
- ▭ Offshore Export Cable Corridor
- ▭ 10km Radii
- ▭ 60km Study Area
- Viewpoint
- ⊙ Illustrative Viewpoint
- ▭ County Boundary
- ▭ District Boundary
- Wind Farm Development Status
- ▭ Operational
- 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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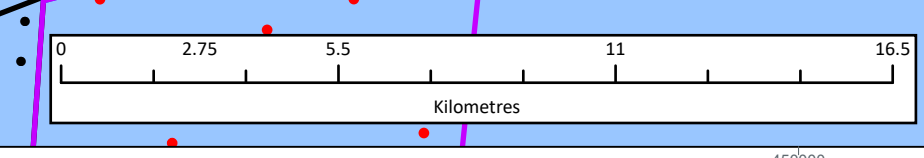
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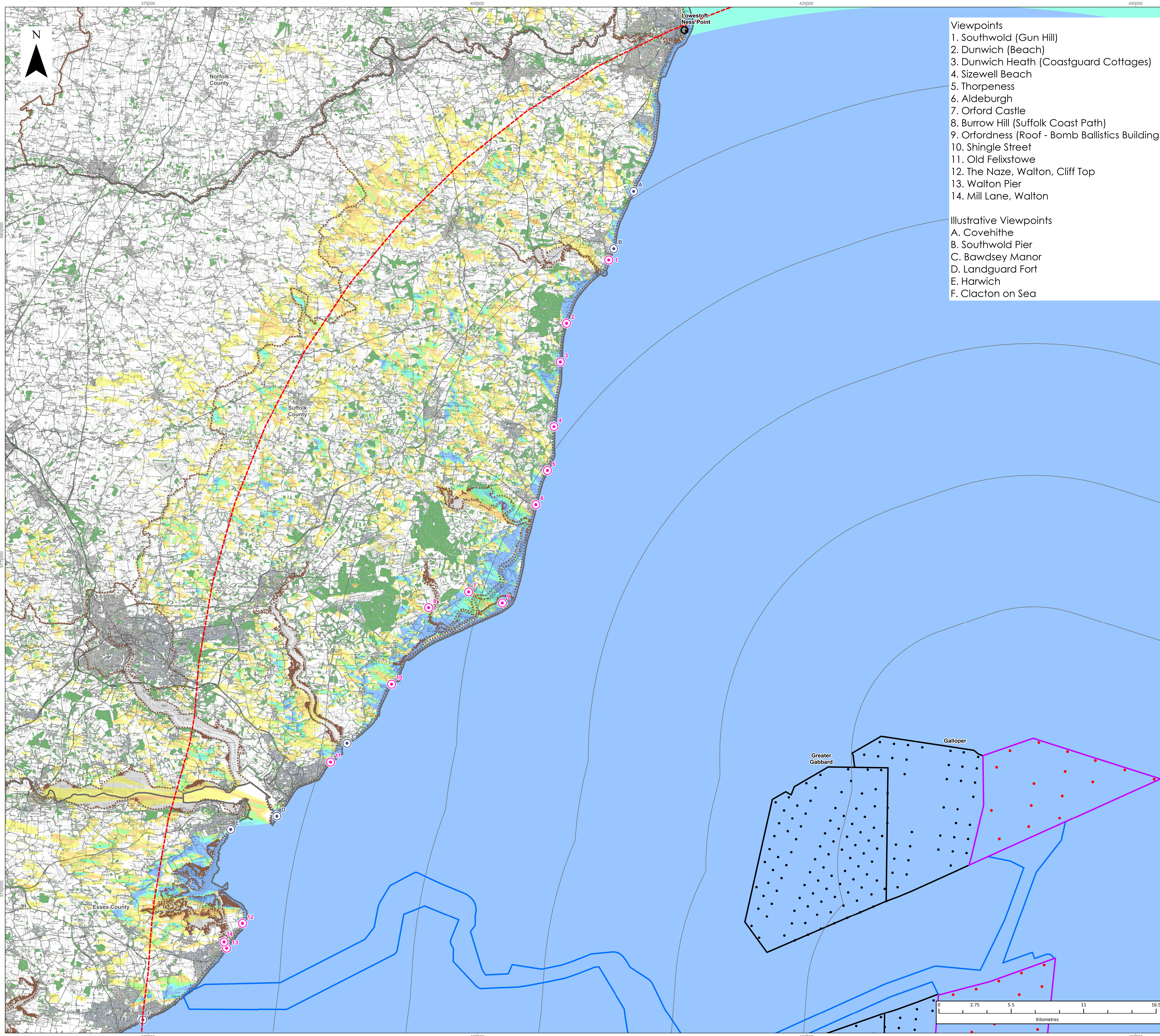
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VER	DATE	REMARKS	Drawn	Checked
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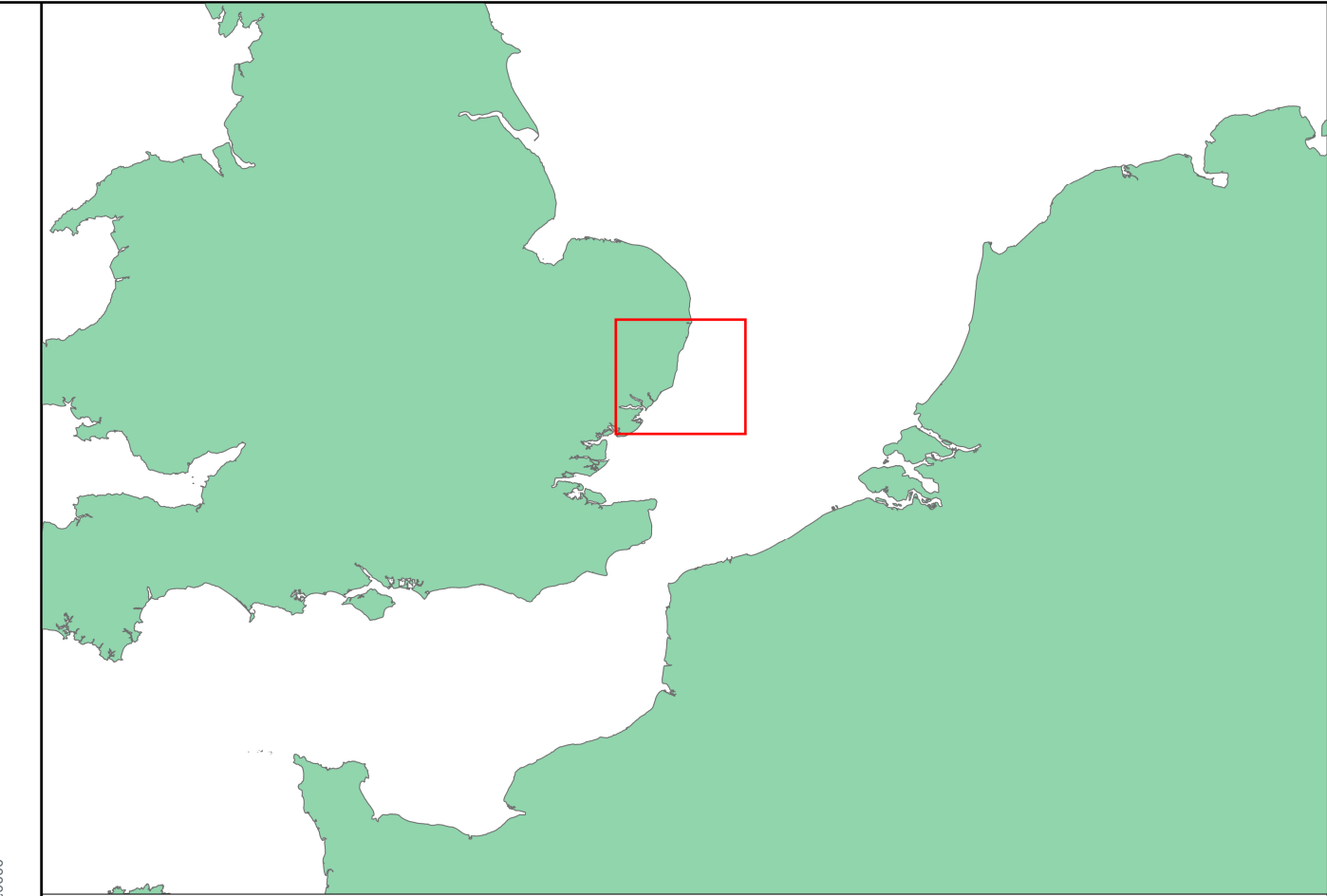
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SCALE: 1:150,000	PLOT SIZE: A1	DATUM: WGS84	PROJECTION: UTM31N
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- Viewpoints**
1. Southwold (Gun Hill)
 2. Dunwich (Beach)
 3. Dunwich Heath (Coastguard Cottages)
 4. Sizewell Beach
 5. Thorpeness
 6. Aldeburgh
 7. Orford Castle
 8. Burrow Hill (Suffolk Coast Path)
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 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



LEGEND

- Indicative Turbines
 - ▭ Array Areas
 - ▭ Offshore Export Cable Corridor
 - ▭ 10km Radii
 - ▭ 60km Study Area
 - ⊙ Viewpoint
 - ⊙ Illustrative Viewpoint
- Wind Farm Development Status**
- ▭ Operational
 - ▭ County Boundary
 - ▭ District Boundary
 - ▭ Woodland
 - ▭ Buildings
- No. 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: Included**
 Earth Curvature: Included
- **Surface Features derived from OS OpenMap Local Woodland and OS OpenMap Local Buildings datasets. Woodland and Buildings modelled at 10m above ground level
- Data Source:
 Basemap: World Ocean Base: OceanWise, Esri, Garmin, NaturalVue
 Image: . Contains OS data
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PROJECT TITLE:
FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:
Blade Tip ZTV with Surface Feature Screening

VER	DATE	REMARKS	Drawn	Checked
2	13/12/2023	For Issue	RA	SM

DRAWING NUMBER:
10.10

SCALE: 1:150,000	PLOT SIZE: A1	DATUM: WGS84	PROJECTION: UTM31N
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F I V E 
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OFFSHORE WIND FARM

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