



NORTH FALLS

Offshore Wind Farm

ENVIRONMENTAL STATEMENT

Chapter 4 – Figures (Part 1 of 2)

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Date:	July 2024
Revision:	0

Project Reference: EN010119



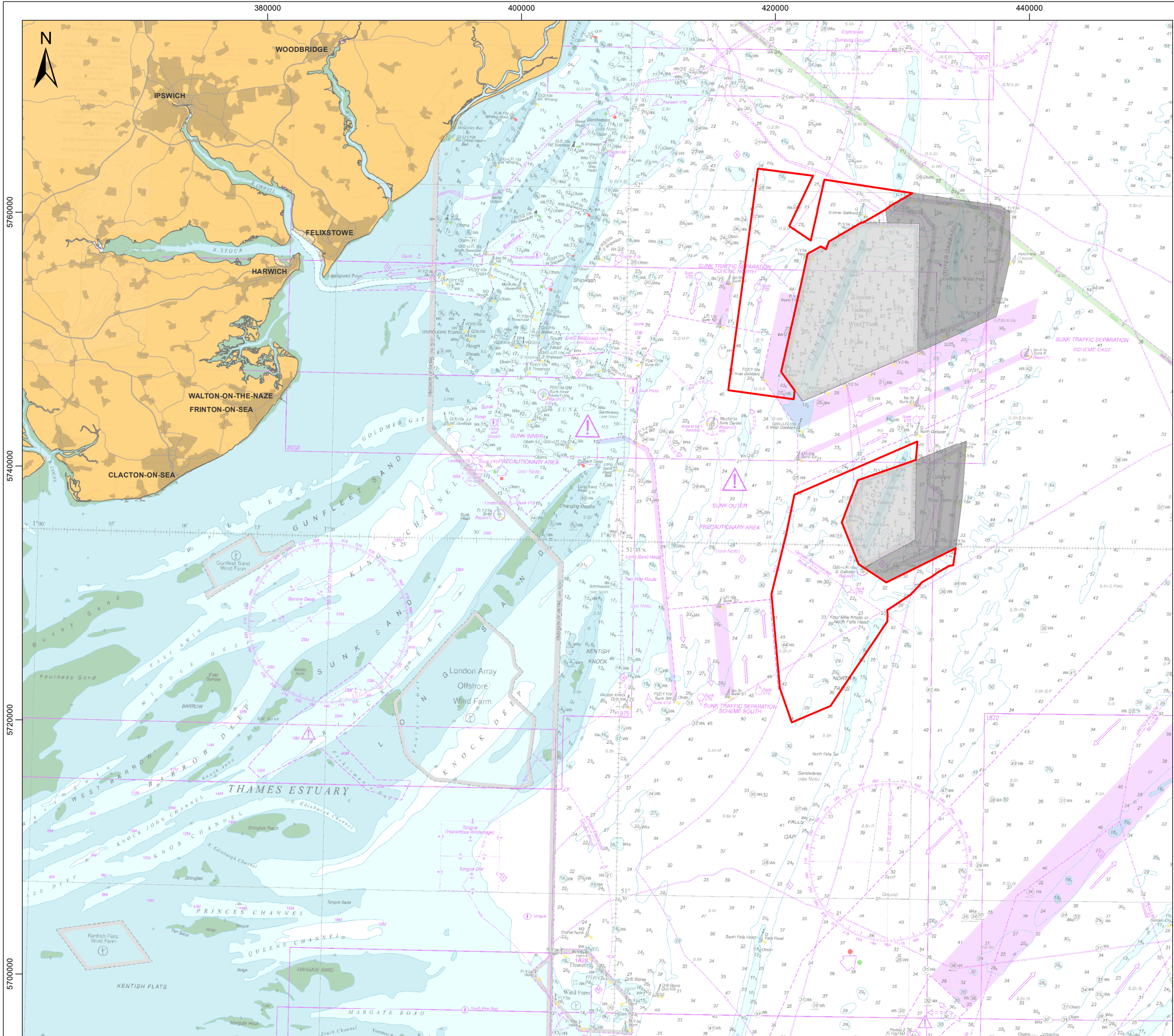
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Offshore Wind Farm

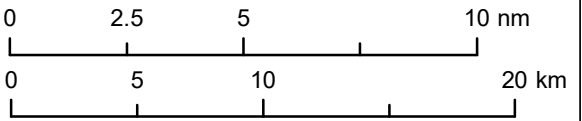
Project	North Falls Offshore Wind Farm
Document Title	Environmental Statement Chapter 4 - Figures
Document Reference	3.2.2
APFP Regulation	5(2)(a)
Supplier	Royal HaskoningDHV
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Revision	Date	Status/Reason for Issue	Originator	Checked	Approved
0	July 2024	Submission	RHDHV	NFOW	NFOW



- Legend**
- North Falls Array Areas Potential Development Area
 - Galloper Offshore Wind Farm
 - Greater Gabbard Offshore Wind Farm



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Drawing Title

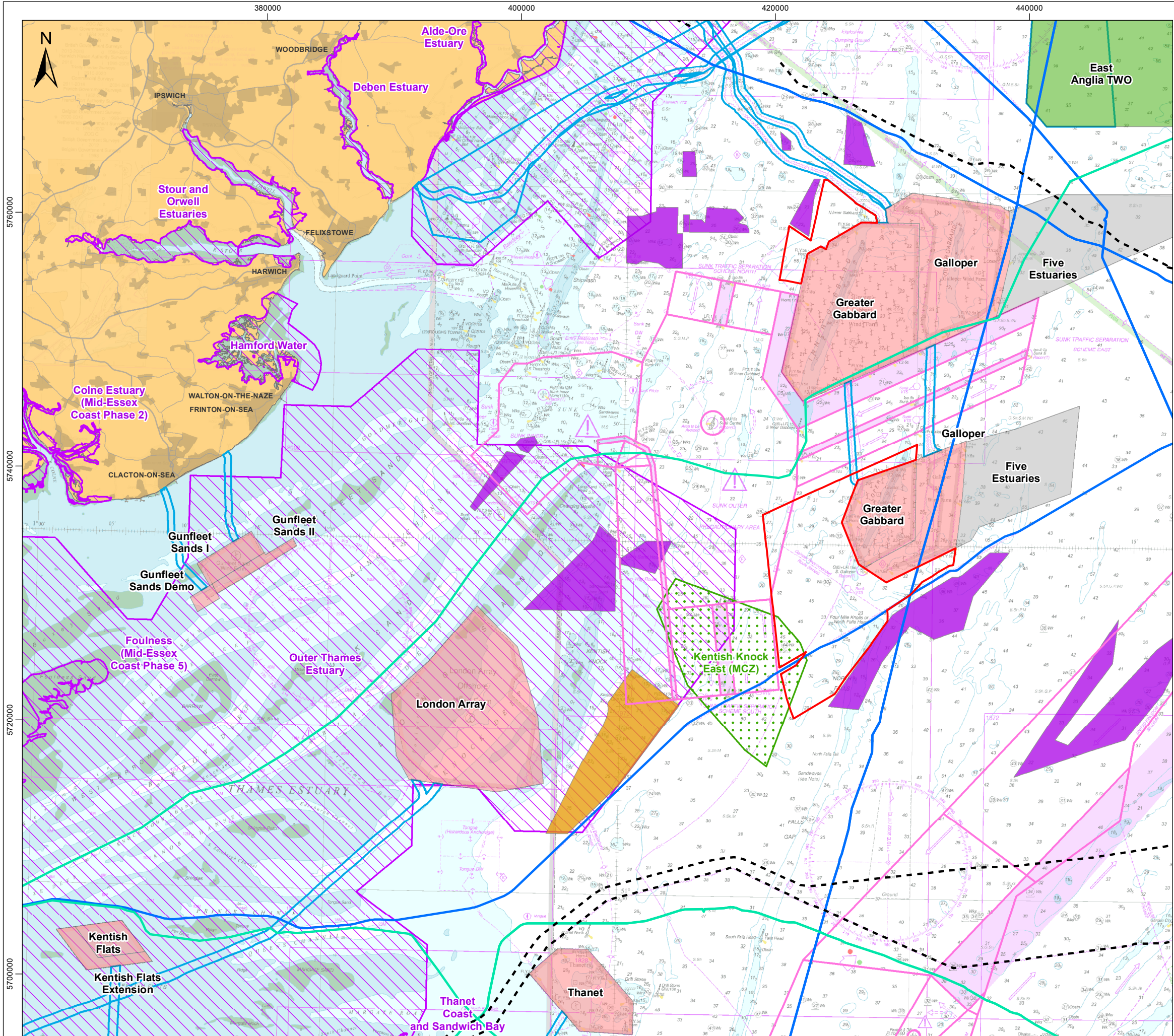
Early Consultation Array Boundaries

Rev	Date	Remarks	Drwn	Chkd
01	04/01/2024	First issue	FC	GK

Drawing Number	Figure Number
PB9244-RHD-ZZ-OF-DR-GS-0434	4.1

Scale	Plot Size	Datum	Projection
1:300,000	A3	WGS84	UTM31N





Legend

- North Falls Array Areas
- Marine Conservation Zone (MCZ)
- Special Protection Area (SPA)
- IMO Ship Routing Measures
- Offshore Wind Farm Cable Agreement

Offshore Wind Farm Sites

- Active/In Operation
- Consented
- In Planning

Cables

- Active
- Out of Use
- Proposed

Minerals Aggregates

- Exploration and Option Area
- Production Agreement

0 2.5 5 10 nm
0 5 10 20 km

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Former Array Areas and Key Constraints

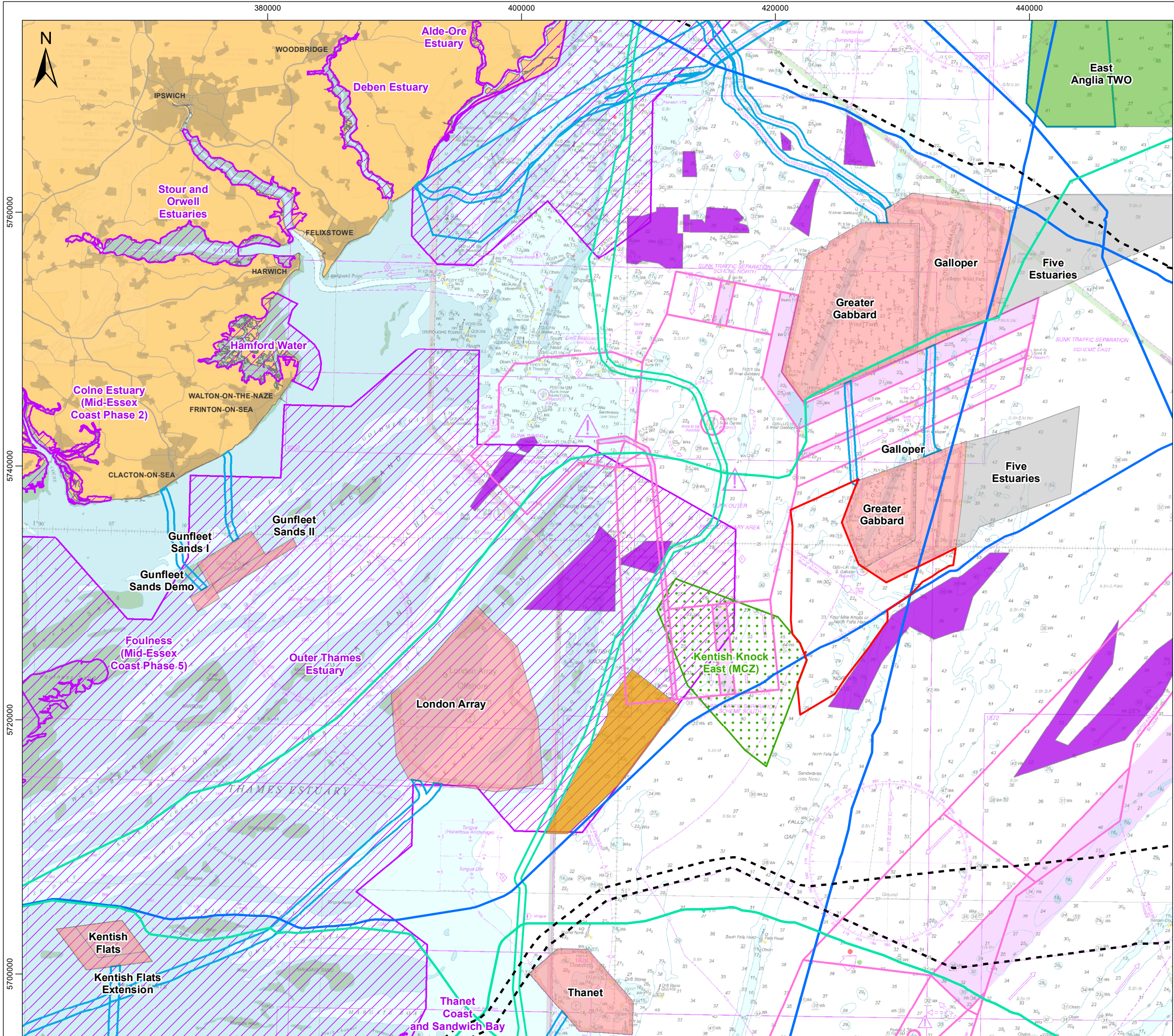
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01	04/01/2024	First issue	FC	GK

Drawing Number: **PB9244-RHD-ZZ-OF-DR-GS-0435** Figure Number: **4.2**

Scale	Plot Size	Datum	Projection
1:300,000	A3	WGS84	UTM31N

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Offshore Wind Farm



Legend

- North Falls Array Area
- Marine Conservation Zone (MCZ)
- Special Protection Area (SPA)
- IMO Ship Routing Measures
- Offshore Wind Farm Cable Agreement

Offshore Wind Farm Sites

- Active/In Operation
- Consented
- In Planning

Cables

- Active
- Out of Use
- Proposed

Minerals Aggregates

- Exploration and Option
- Production Agreement

0 2.5 5 10 nm
0 5 10 20 km



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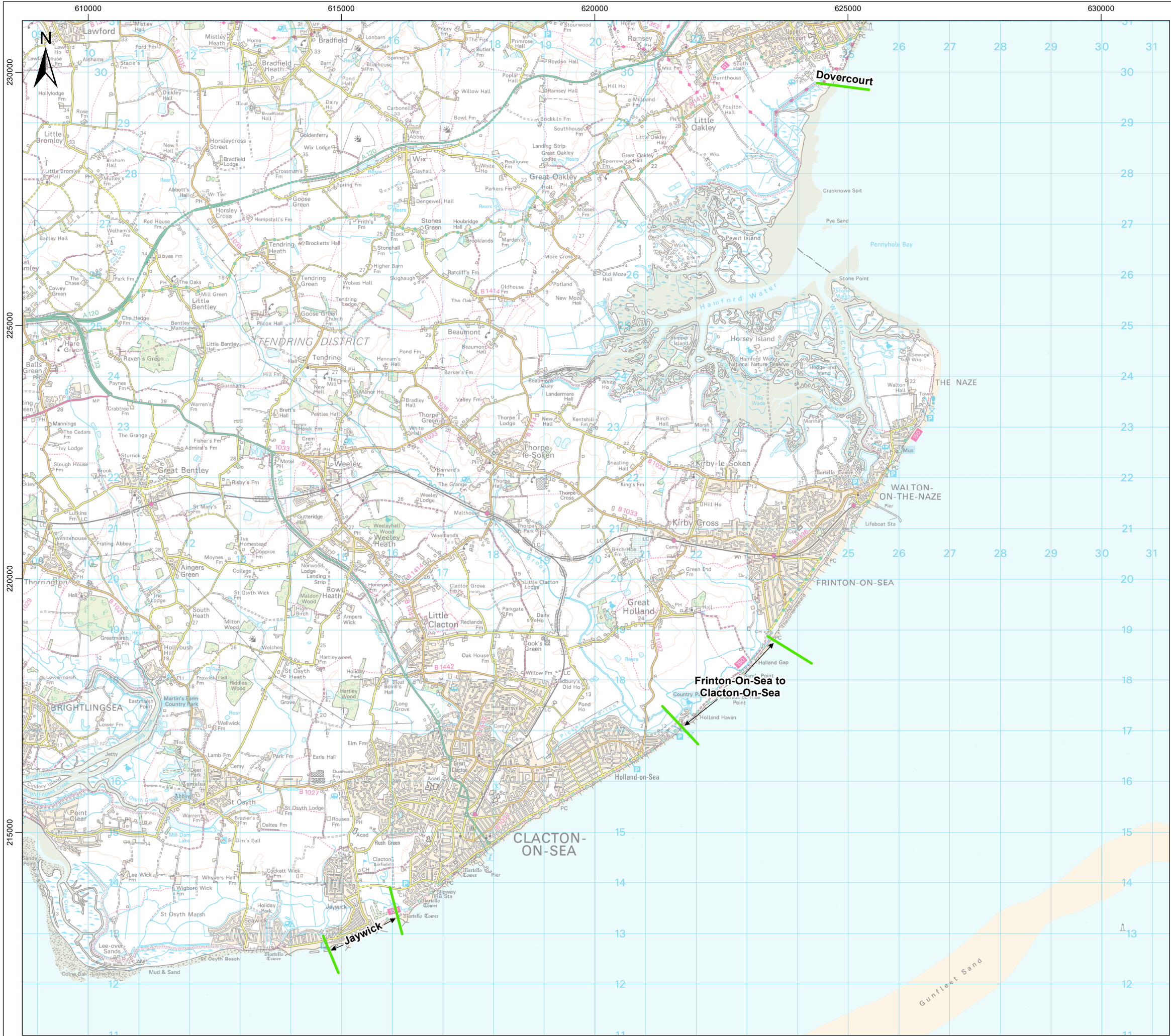
Drawing Title

North Falls Array Area

Rev	Date	Remarks	Drwn	Chkd
01	04/01/2024	First issue	FC	GK

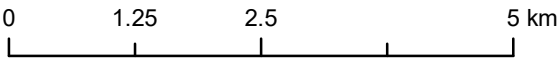
Drawing Number	Figure Number		
PB9244-RHD-ZZ-OF-DR-GS-0436	4.3		
Scale 1:300,000	Plot Size A3	Datum WGS84	Projection UTM31N





Legend

— Indicative Potential Landfall Options



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Drawing Title

Cable Landfall Site Selection - Search Areas

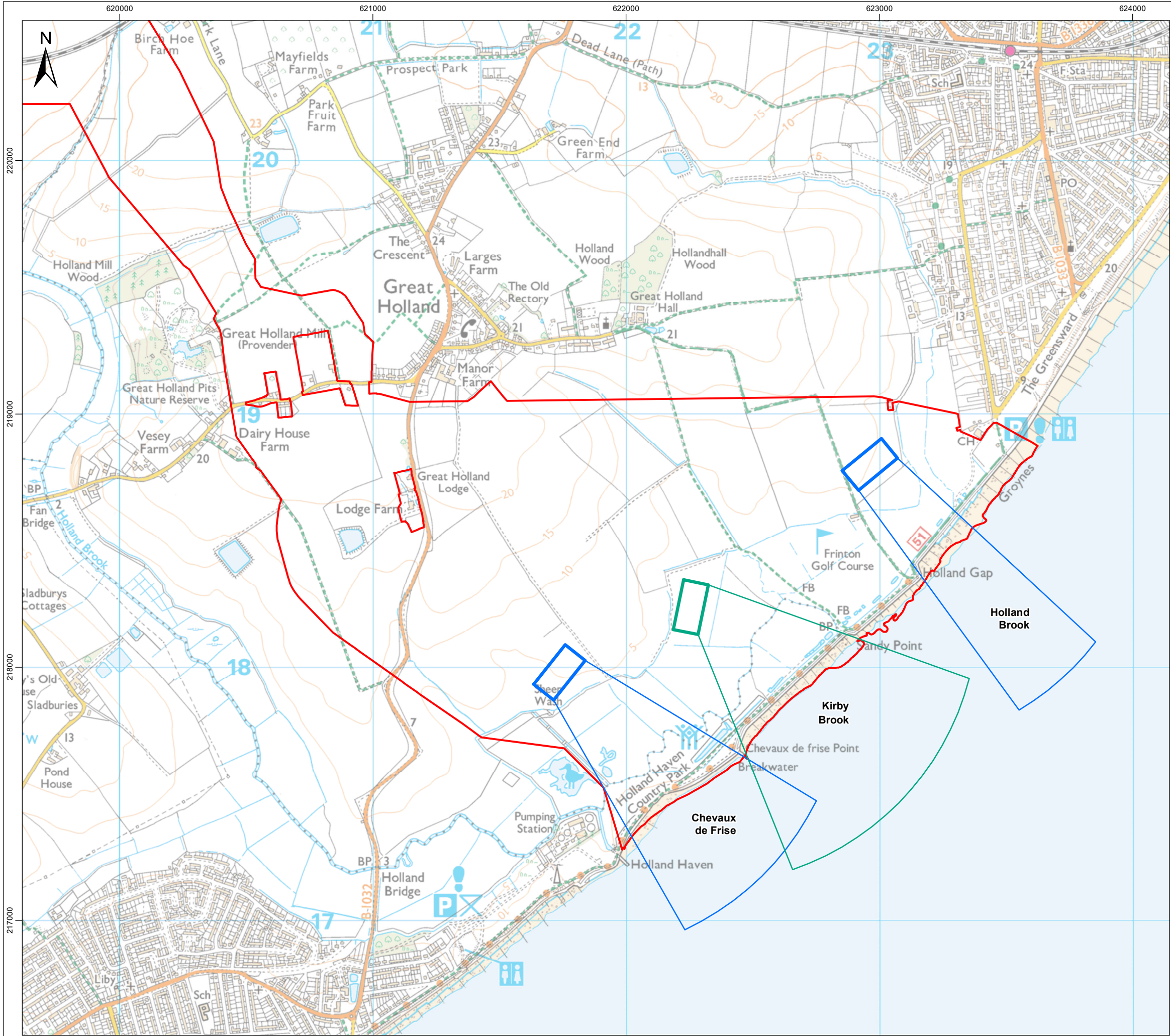
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01	13/02/2024	First issue	JH	GC

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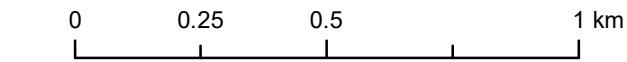
Scale 1:75,000 Plot Size A3 Datum OSGB36 Projection BNG



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- Legend**
- North Falls Onshore Project Area (at PEIR)
 - Potential Landfall Compounds**
 - Preferred Option
 - Previous Options
 - Indicative Landfall Locations**
 - Preferred Option
 - Previous Options



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Drawing Title

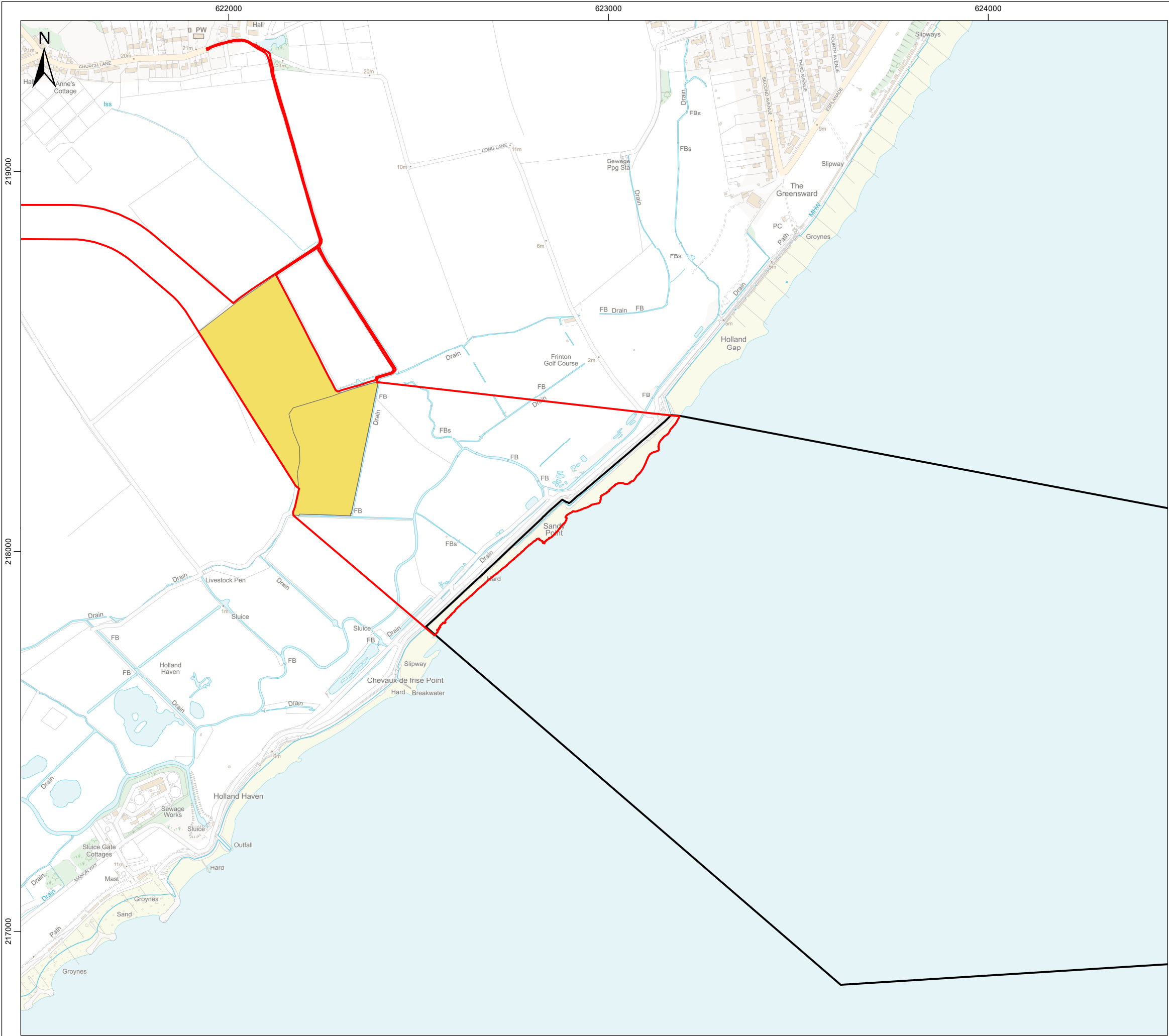
Cable Landfall Site Selection - Landfall Options

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01	13/02/2024	First issue	JH	GC

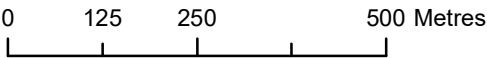
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PB9244-RHD-ZZ-LN-DR-GS-0445	4.5

Scale	Plot Size	Datum	Projection
1:15,000	A3	OSGB36	BNG





- Legend**
- Offshore Cable Corridor
 - Onshore Project Area
 - Onshore Landfall HDD Compound



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Drawing Title

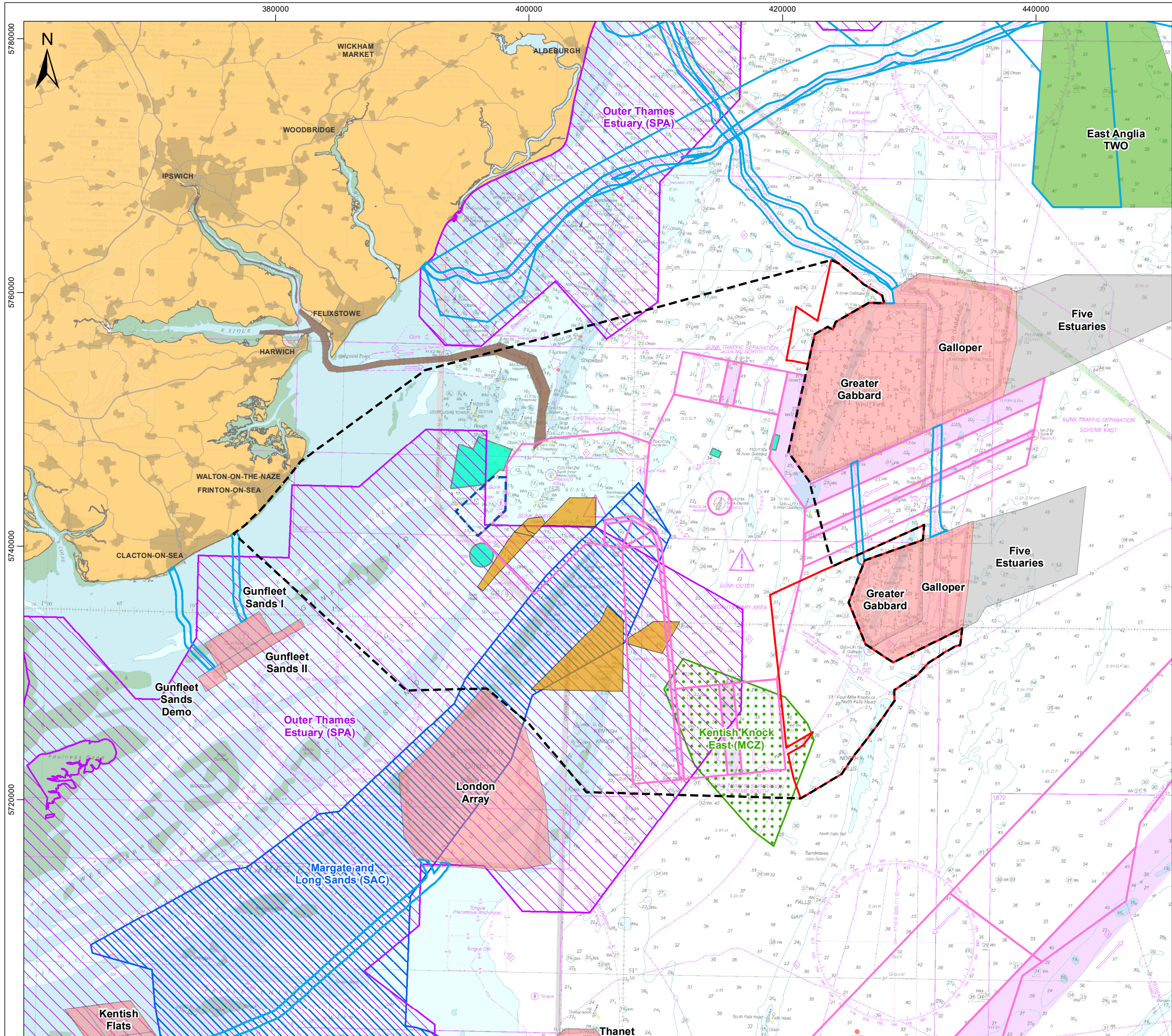
Cable Landfall

Rev	Date	Remarks	Drwn	Chkd
02	20/05/2024	Second issue	FC	GC
01	13/02/2024	First issue	JH	GC

Drawing Number	Figure Number
PB9244-RHD-ZZ-LN-DR-GS-0438	4.6

Scale 1:10,000	Plot Size A3	Datum OSGB36	Projection BNG
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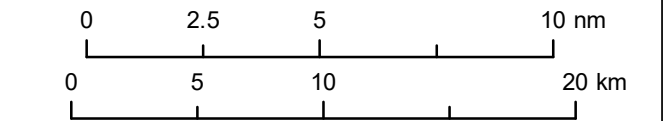


Legend

- North Falls Array Areas
- Indicative Export Cable Corridor Area of Search
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Marine Conservation Zone (MCZ)
- IMO Ship Routeing Measures
- ENC Dredge Area
- Dumping Ground
- Dredging Area
- Anchorage Area
- Offshore Wind Farm Cable Agreement

Offshore Wind Farm Sites

- Active/In Operation
- Consented
- In Planning



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Drawing Title

Offshore Cable Corridor Selection - Preliminary Area of Search

Rev	Date	Remarks	Drwn	Chkd
01	13/02/2024	First issue	JH	GC

Drawing Number	Figure Number
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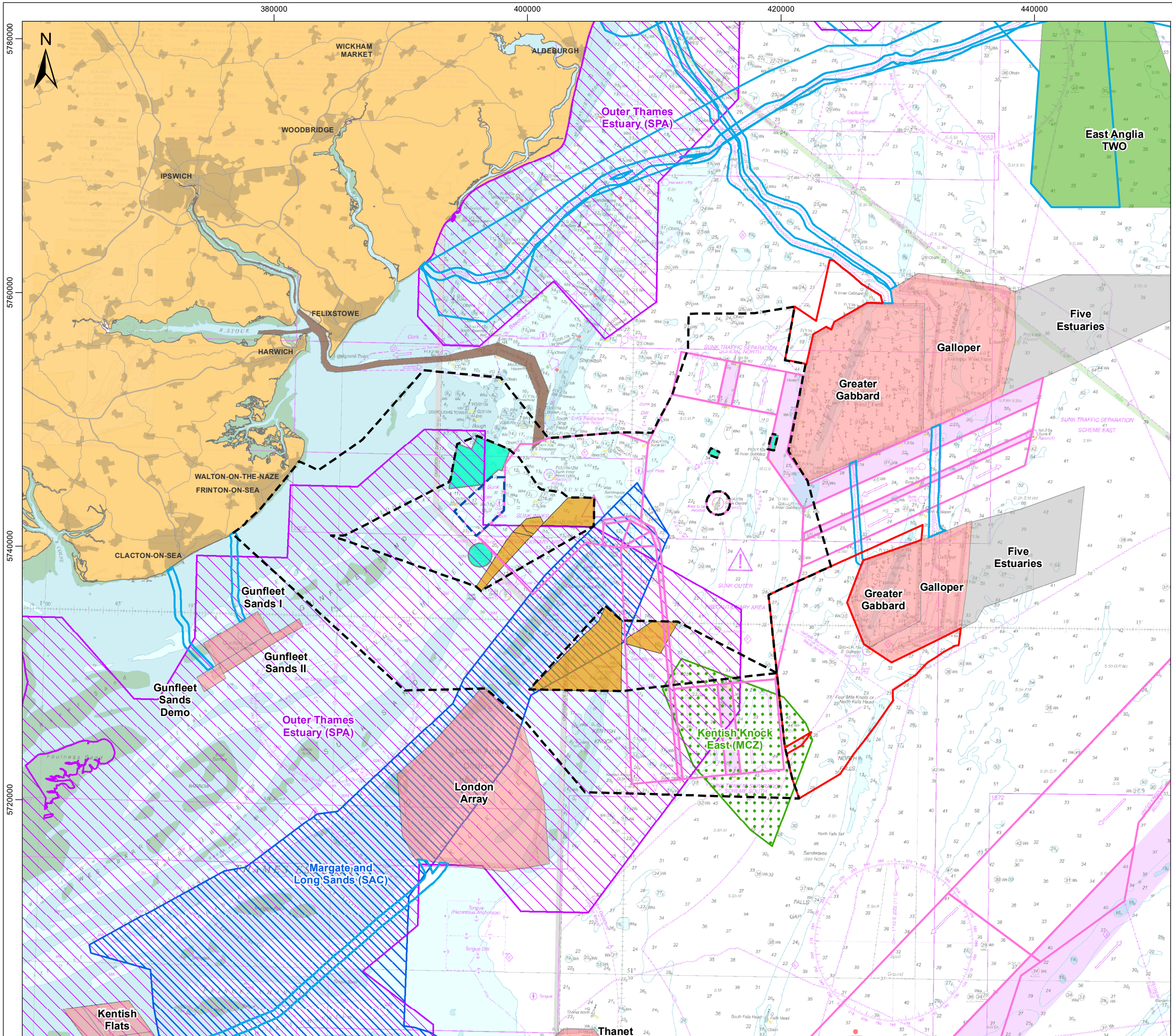
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1:300,000	A3	WGS84	UTM31N



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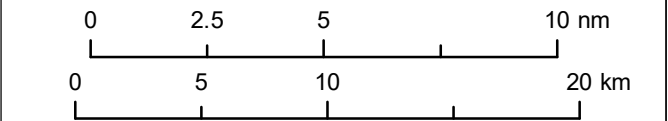


Legend

- North Falls Array Areas
- Indicative Export Cable Corridor Area of Search
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Marine Conservation Zone (MCZ)
- IMO Ship Routeing Measures
- ENC Dredge Area
- Dumping Ground
- Dredging Area
- Anchorage Area
- Offshore Wind Farm Cable Agreement

Offshore Wind Farm Sites

- Active/In Operation
- Consented
- In Planning



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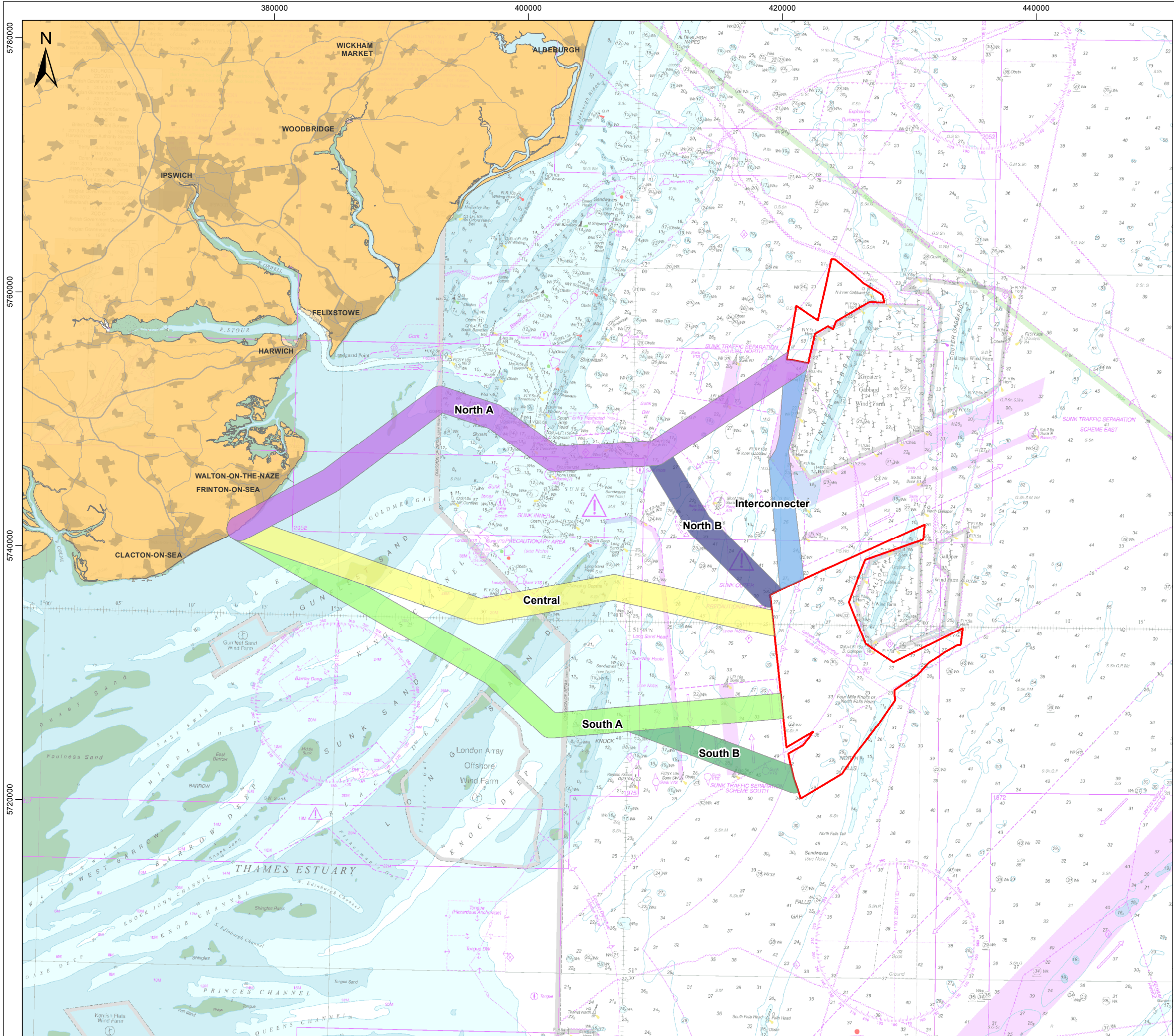
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Offshore Cable Corridor Area of Search with Hard Constraints Removed

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01	13/02/2024	First issue	JH	GC

Drawing Number	Figure Number
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Scale	Plot Size	Datum	Projection
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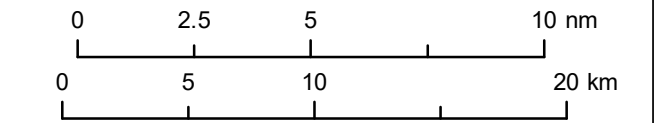


Legend

 North Falls Array Areas

Indicative Export Cable Corridor Options

- North
- North B
- Central
- South
- South B
- Interconnector



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Drawing Title

Offshore Cable Corridor Preliminary Options

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Drawing Number	Figure Number
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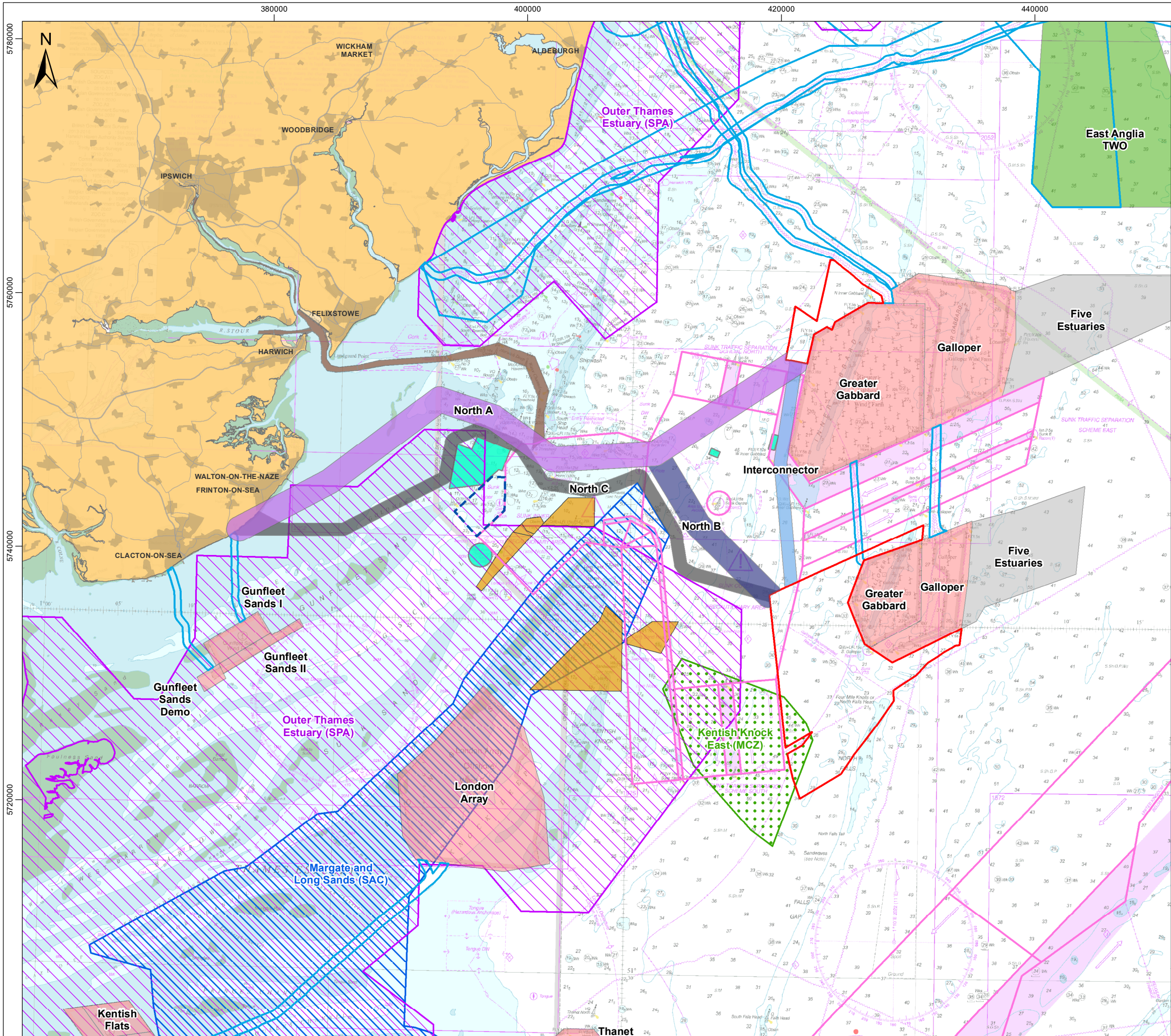
Scale 1:300,000	Plot Size A3	Datum WGS84	Projection UTM31N
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Legend

- North Falls Array Areas
- Indicative Export Cable Corridor Options
- North A
- North B
- North C
- Interconnector Cable Corridor
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Marine Conservation Zone (MCZ)
- IMO Ship Routing Measures
- ENC Dredge Area
- Dredging Area
- Dumping Ground
- Anchorage Area
- Offshore Wind Farm Cable Agreement
- Offshore Wind Farm Sites
- Active/In Operation
- Consented
- In Planning

0 2.5 5 10 nm
0 5 10 20 km

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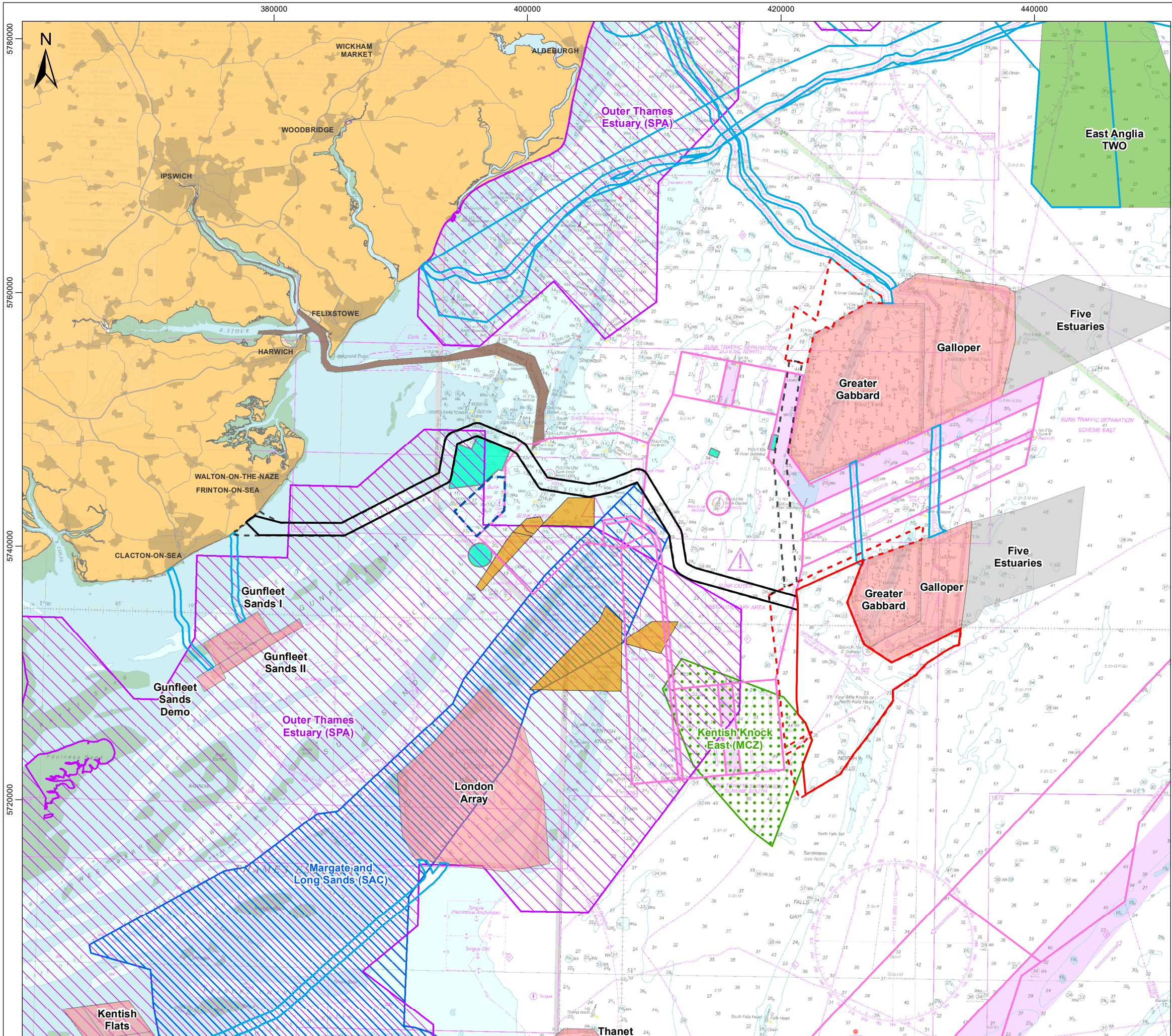
Offshore Cable Corridor Refinement

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Drawing Number	Figure Number
PB9244-RHD-ZZ-OF-DR-GS-0442	4.10

Scale	Plot Size	Datum	Projection
1:300,000	A3	WGS84	UTM31N





Legend

North Falls Array Area

Offshore Cable Corridor

PEIR North Falls Array Areas

PEIR Offshore Cable Corridor

Special Protection Area (SPA)

Special Area of Conservation (SAC)

Marine Conservation Zone (MCZ)

IMO Ship Routing Measures

ENC Dredge Area

Dredging Area

Dumping Ground

Anchorage Area

Offshore Wind Farm Cable Agreement

Active/In Operation

Consented

In Planning

Offshore Wind Farm Sites

Active/In Operation

Consented

In Planning

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Drawing Title

Offshore Cable Corridor

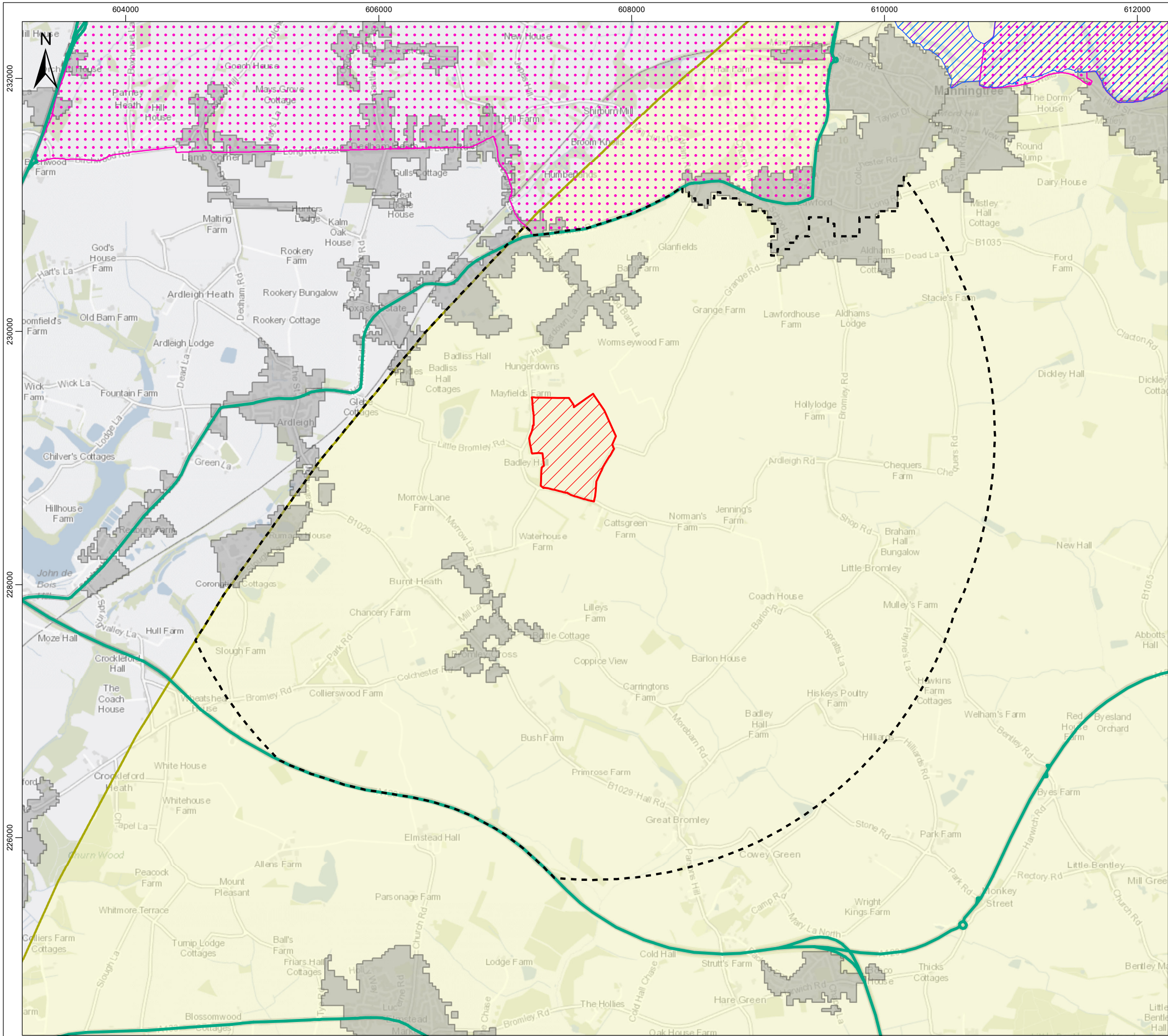
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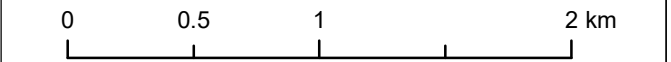
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- Legend**
- Onshore Substation Area of Search
 - East Anglia Connection Node (EACN)
 - Landfall Search Area 20km Buffer
 - Special Protection Area (SPA)
 - Ramsar
 - Area of Outstanding Natural Beauty (AONB)
 - Built-Up Area (ONS, 2023)
 - A Road



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Drawing Title

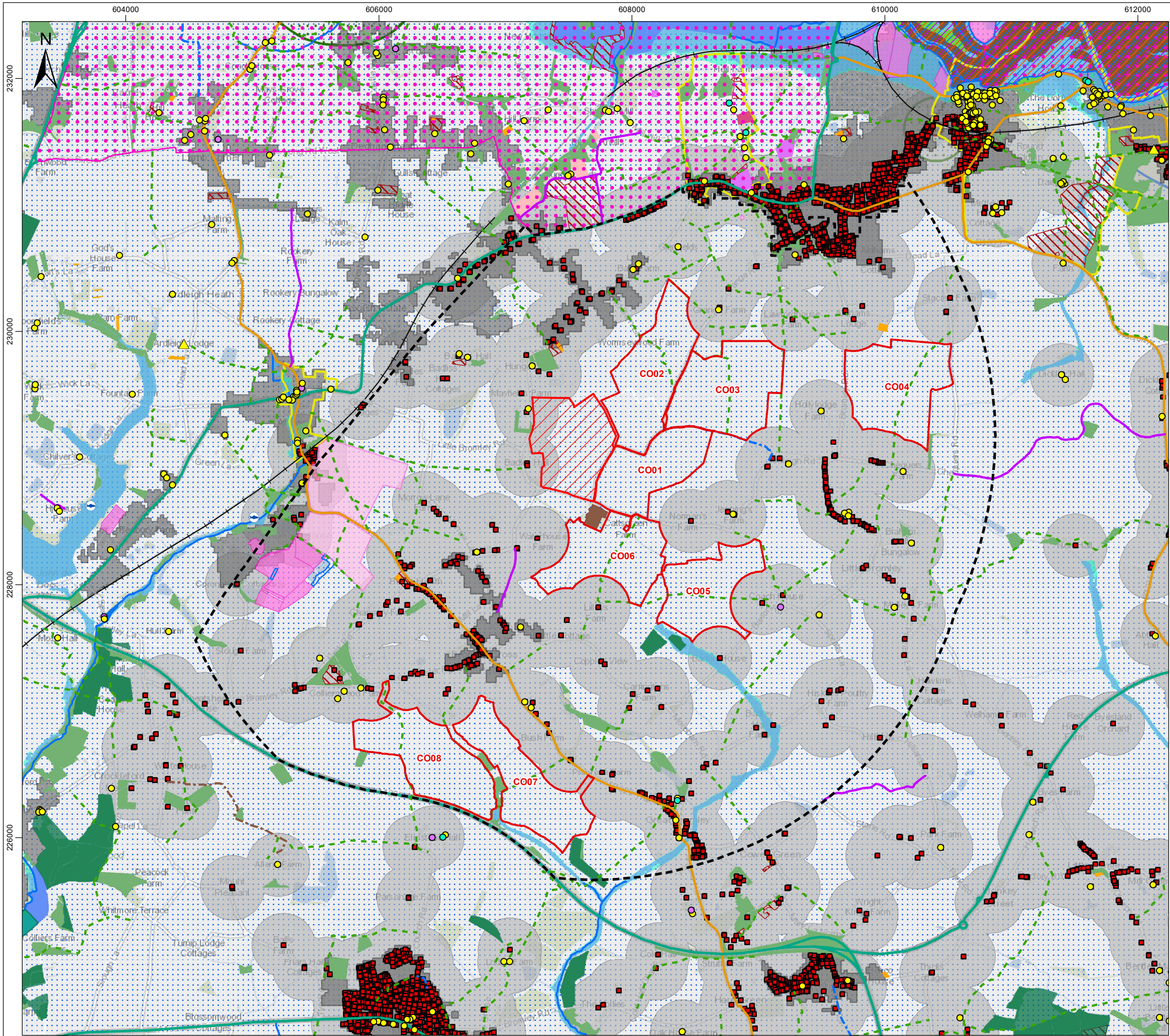
Onshore Substation Site Selection - Area of Search

Rev	Date	Remarks	Drwn	Chkd
02	20/05/2024	Second issue	FC	GC
01	30/01/2024	First issue	JH	SB

Drawing Number	Figure Number
PB9244-RHD-ZZ-ON-DR-GS-0475	4.12

Scale 1:30,000	Plot Size A3	Datum OSGB36	Projection BNG
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- Legend**
- Onshore Substation Area of Search
 - North Falls and Five Estuaries Co-Located Substation Option
 - East Anglia Connection Node (EACN)
 - Ardleigh Road Substation
 - Site of Special Scientific Interest (SSSI)
 - Special Protection Area (SPA)
 - Ramsar
 - Local Nature Reserve (LNR)
 - Ancient Woodland
 - Historic Landfill Site
 - Camping and Caravan Site
 - Fishing Lake
 - Residential Property
 - Residential Properties 250m Buffer
 - Area of Outstanding Natural Beauty (AONB)
 - Built-Up Area (ONS, 2023)
 - A Road
 - B Road
 - Railway
 - Main River
 - Flood Zone 3
 - Flood Zone 2
 - Coastal and Floodplain Grazing Marsh
 - Coastal Saltmarsh
 - Deciduous Woodland
 - Good Quality Semi-Improved Grassland
 - Lowland Dry Acid Grassland
 - Lowland Meadows
 - Mudflats
 - No Main Habitat but Additional Habitats Present
 - Traditional Orchard
 - Conservation Area
 - Scheduled Monument
- Listed Building Grades**
- I
 - II*
 - II
- Public Rights of Way (PROWs)**
- Footpath
 - Bridleway
 - Byway
 - Restricted Byway

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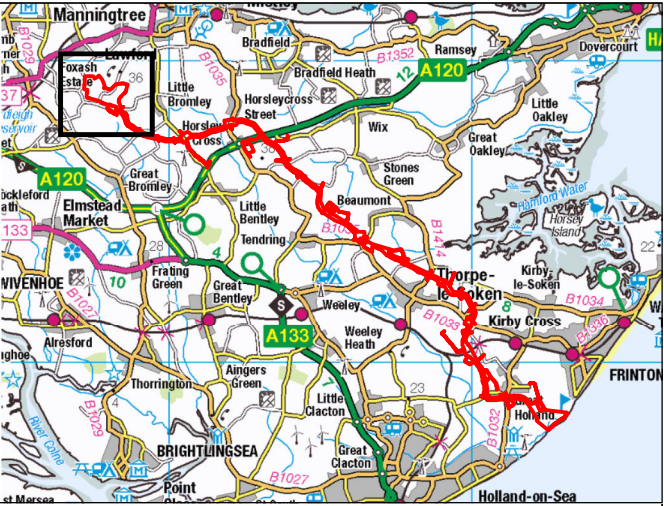
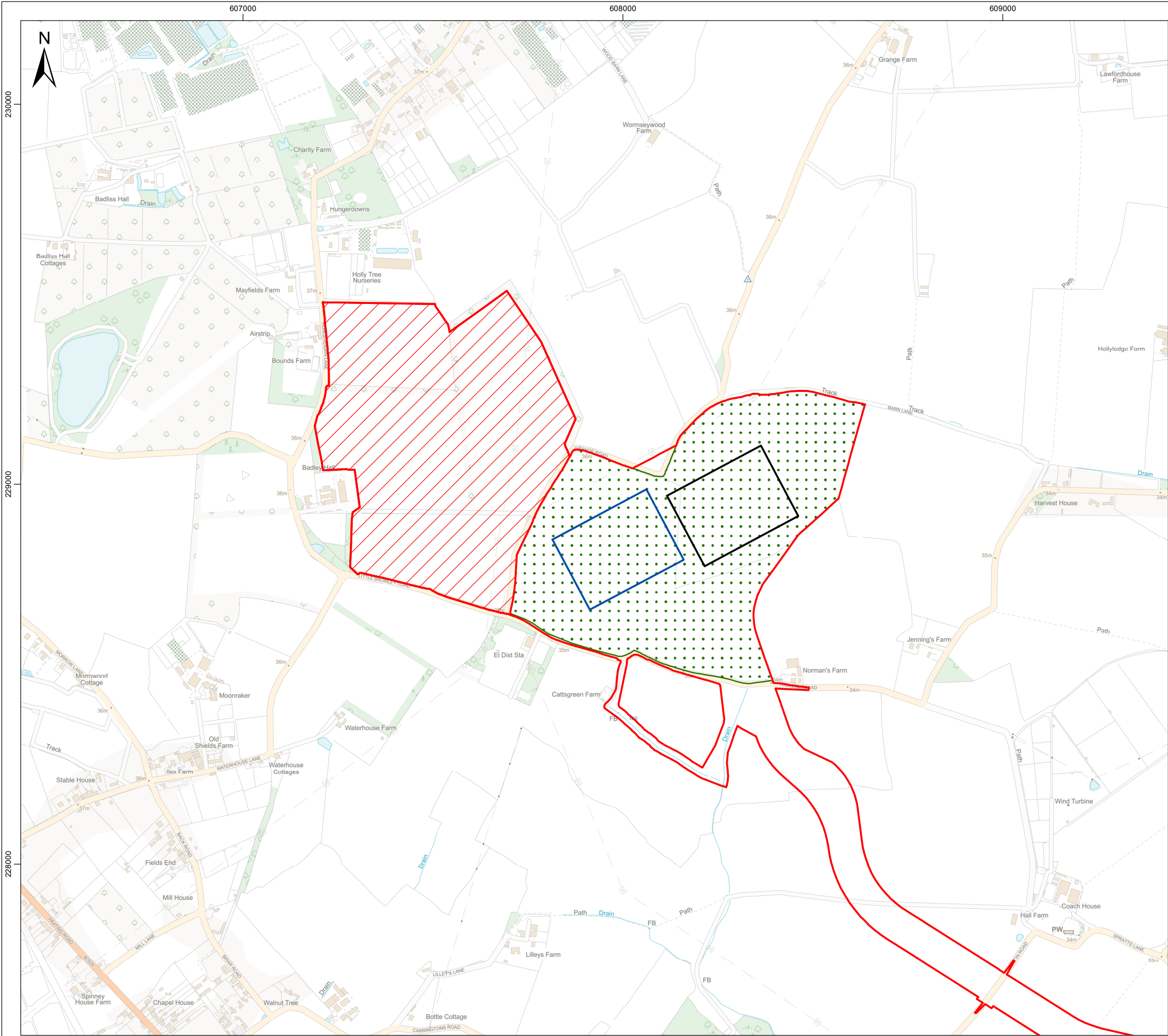
Onshore Substation Site Selection - Long List Options

Rev	Date	Remarks	Drwn	Chkd
02	20/05/2024	Second issue	FC	GC
01	13/02/2024	First issue	JH	GC

Drawing Number	Figure Number
PB9244-RHD-ZZ-ON-DR-GS-0476	4.13

Scale 1:30,000	Plot Size A3	Datum OSGB36	Projection BNG
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- Legend**
- Onshore Project Area
 - Onshore Substation
 - Five Estuaries Onshore Substation
 - East Anglia Connection Node (EACN)
 - Onshore Substation Works Area (Onshore Substation Ancillary Works)



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Drawing Title

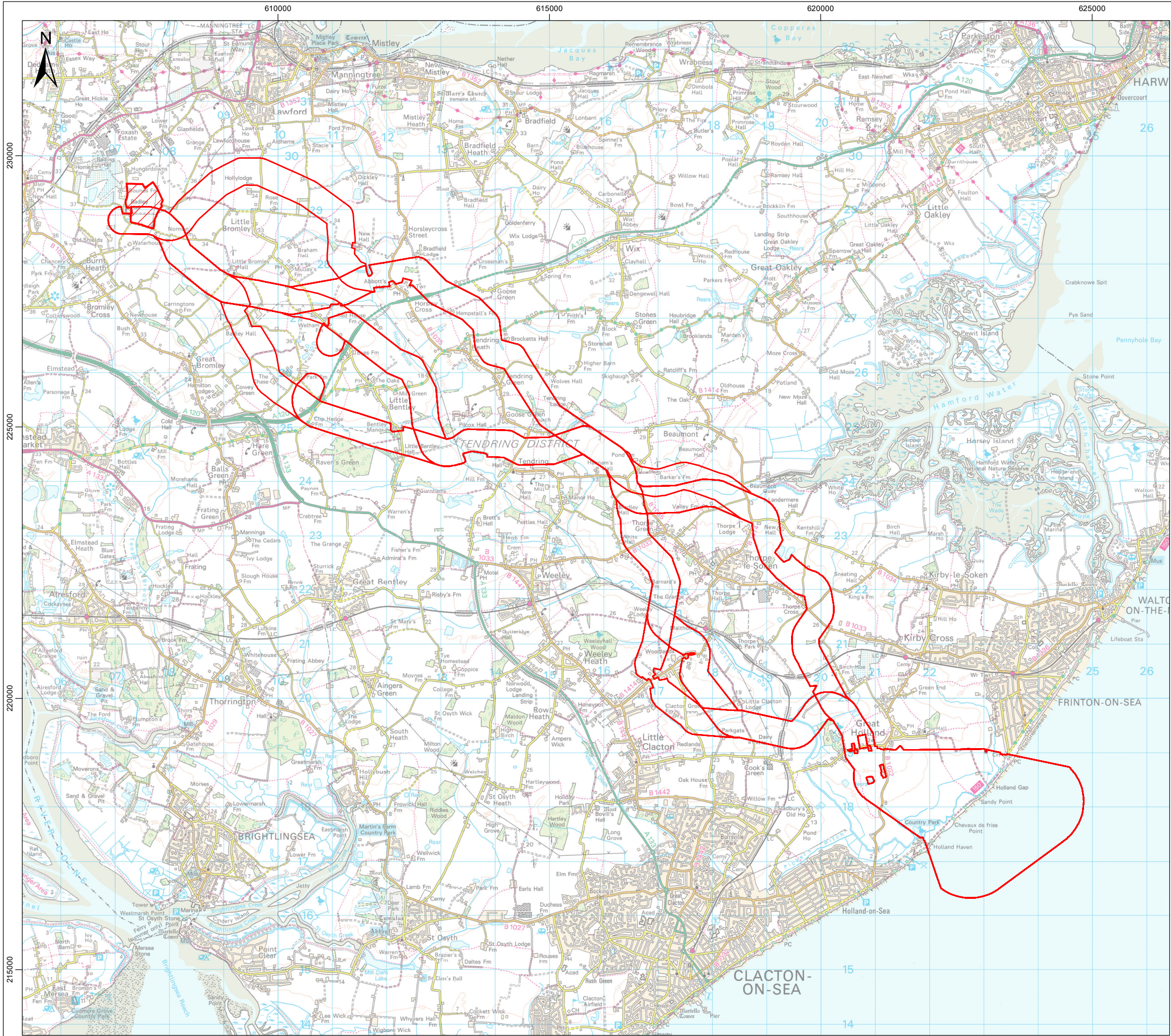
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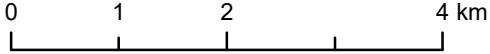
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Scale 1:10,000	Plot Size A3	Datum OSGB36	Projection BNG
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- Legend**
- Combined Cable Corridors
 - East Anglia Connection Node (EACN)



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Drawing Title

Onshore Cable Route Site Selection - Combined Cable Corridors

Rev	Date	Remarks	Drwn	Chkd
02	20/05/2024	Second issue	FC	GC
01	13/02/2024	First issue	JH	GC

Drawing Number **PB9244-RHD-ZZ-ON-DR-GS-0479** Figure Number **4.16**

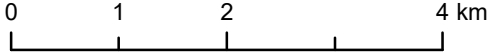
Scale 1:70,000	Plot Size A3	Datum OSGB36	Projection BNG
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- Legend**
- Refined Combined Cable Corridors
 - East Anglia Connection Node (EACN)



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Drawing Title

Onshore Cable Route Site Selection - Refined Combined Cable Corridors

Rev	Date	Remarks	Drwn	Chkd
02	20/05/2024	Second issue	FC	GC
01	13/02/2024	First issue	JH	GC

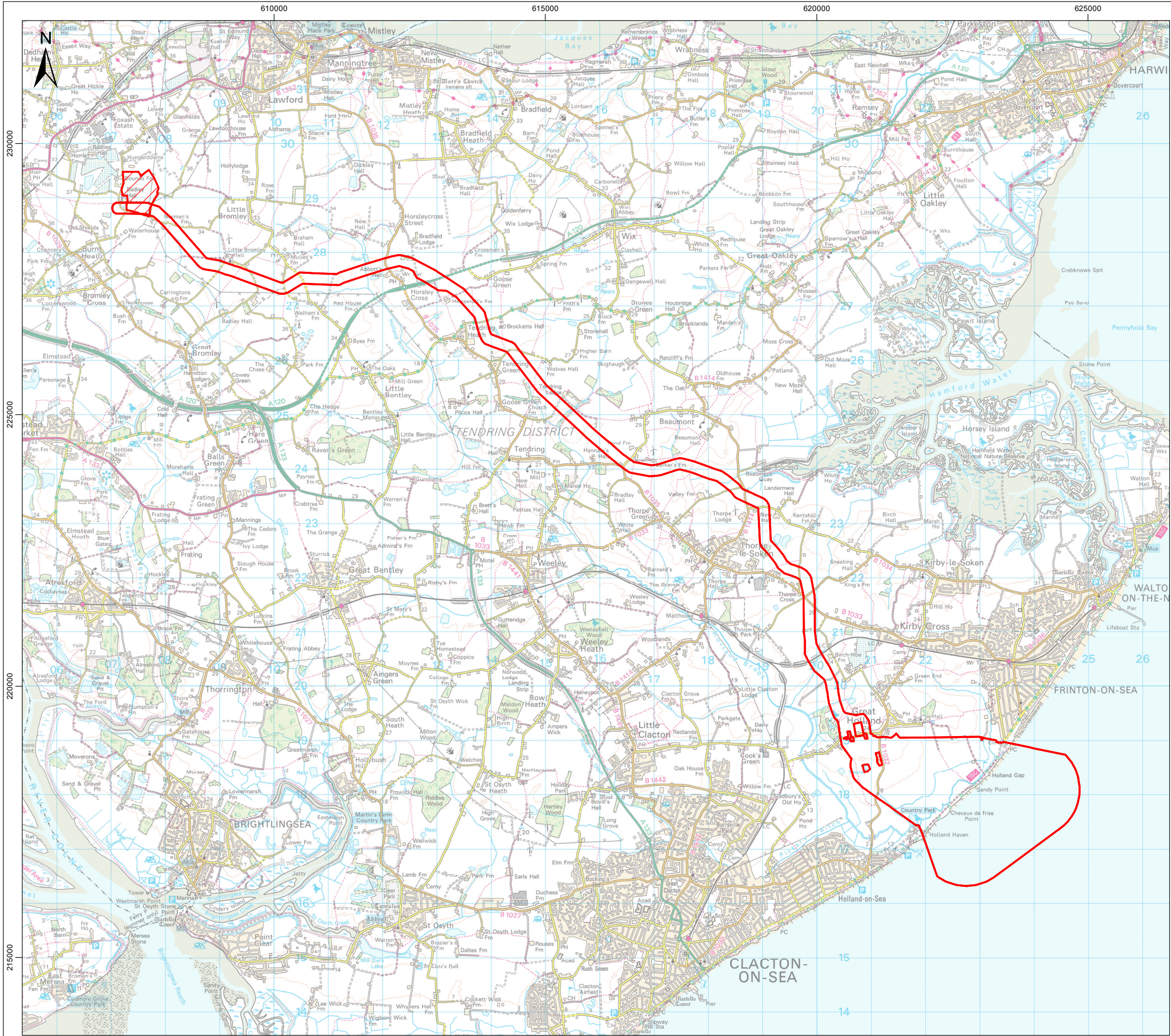
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Figure Number
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Scale 1:70,000	Plot Size A3	Datum OSGB36	Projection BNG
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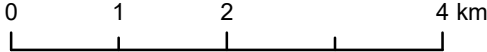


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Legend

-  Preferred Combined Cable Corridor
-  East Anglia Connection Node (EACN)



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Onshore Cable Route Site Selection - Preferred Combined Cable Corridor

Rev	Date	Remarks	Drwn	Chkd
02	20/05/2023	Second issue	FC	GC
01	13/02/2024	First issue	JH	GC

Drawing Number
PB9244-RHD-ZZ-ON-DR-GS-0481

Figure Number
4.18

Scale 1:70,000	Plot Size A3	Datum OSGB36	Projection BNG
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