

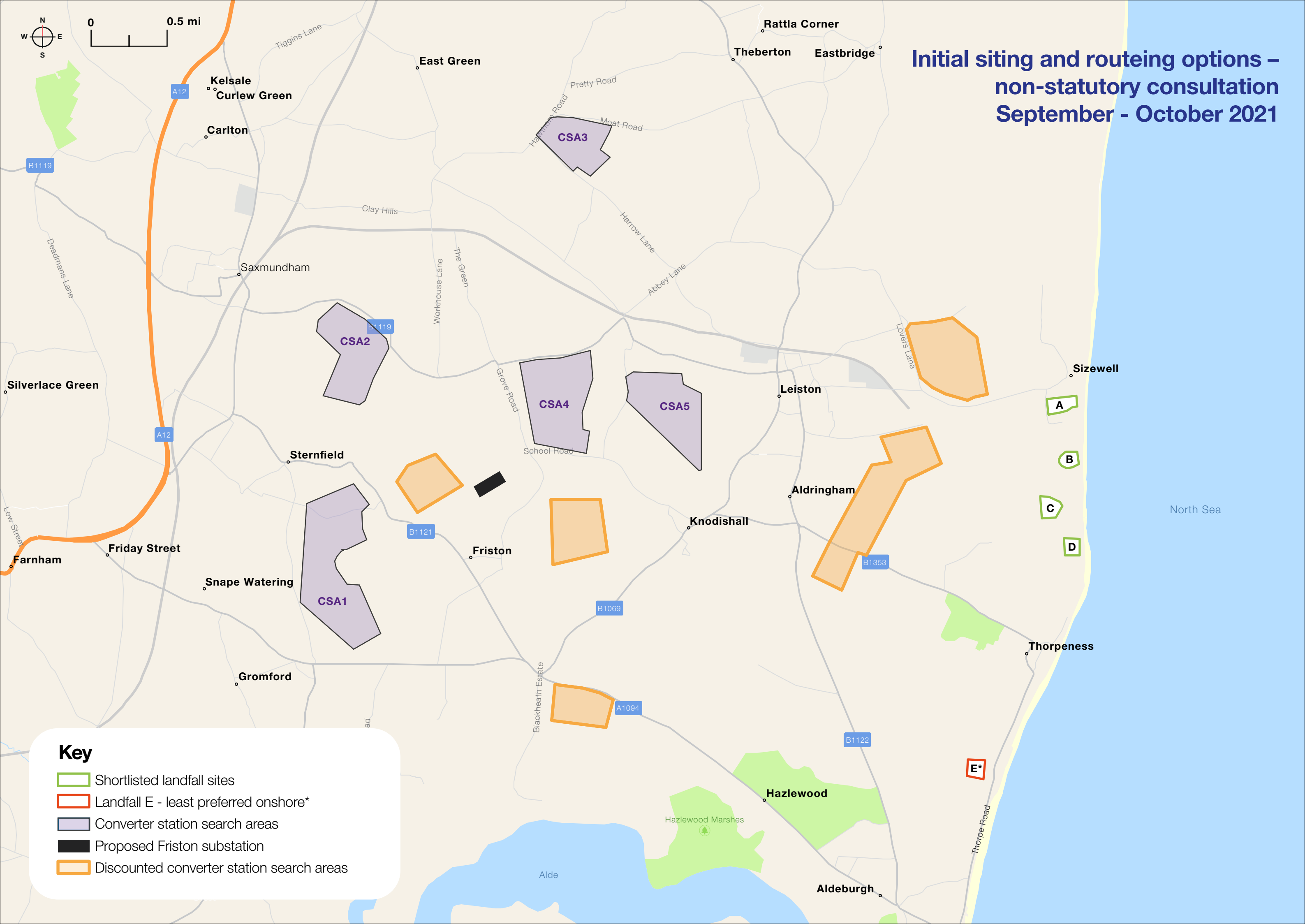
Initial siting and routeing options – non-statutory consultation September - October 2021



Key

- Landfall location options
- Landfall E - least preferred onshore*
- Northern cable route corridor
- Southern cable route corridor
- Shared route for Northern and Southern corridor
- Central cable route corridor
- Landfall E cable route corridor
- Converter station search areas
- Friston substation
- Cable corridors for grid connection


Initial siting and routeing options – non-statutory consultation September - October 2021













Key

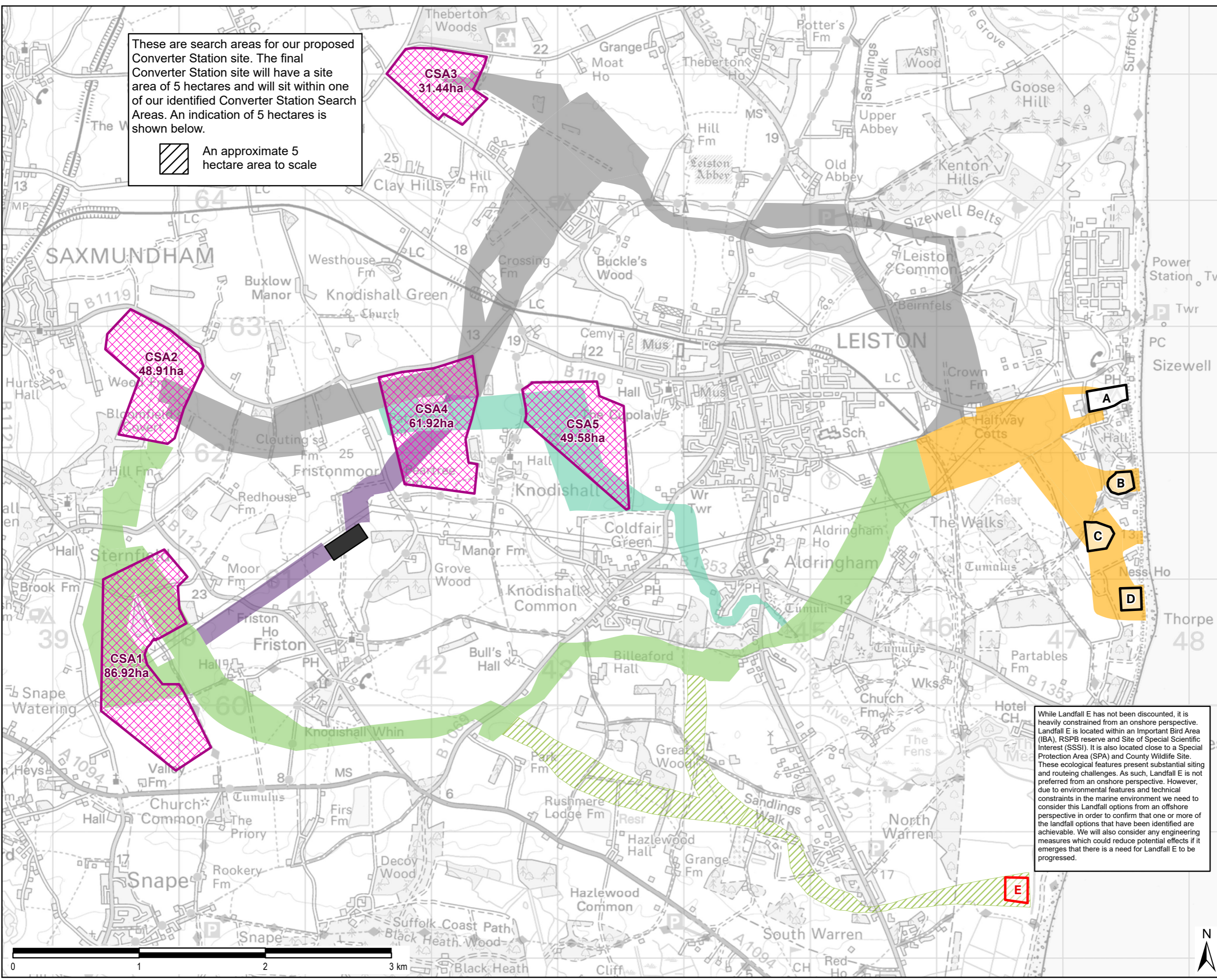
- Shortlisted landfall sites
- Landfall E - least preferred onshore*
- Converter station search areas
- Proposed Friston substation
- Discounted converter station search areas

These are search areas for our proposed Converter Station site. The final Converter Station site will have a site area of 5 hectares and will sit within one of our identified Converter Station Search Areas. An indication of 5 hectares is shown below.



An approximate 5 hectare area to scale

- LEGEND**
-  NGET Substation at Friston
 -  Landfall Location Option
 -  Landfall Location Option E
 -  Nautilus converter station search areas
- Cable Routes**
-  Northern Cable Route Corridor
 -  Southern Cable Route Corridor
 -  Central Cable Route Corridor
 -  Shared Route for Northern and Southern Corridor
 -  Cable Corridors for Grid Connection
 -  Landfall E Cable Route Corridor



While Landfall E has not been discounted, it is heavily constrained from an onshore perspective. Landfall E is located within an Important Bird Area (IBA), RSPB reserve and Site of Special Scientific Interest (SSSI). It is also located close to a Special Protection Area (SPA) and County Wildlife Site. These ecological features present substantial siting and routing challenges. As such, Landfall E is not preferred from an onshore perspective. However, due to environmental features and technical constraints in the marine environment we need to consider this Landfall options from an offshore perspective in order to confirm that one or more of the landfall options that have been identified are achievable. We will also consider any engineering measures which could reduce potential effects if it emerges that there is a need for Landfall E to be progressed.

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Purpose of Issue:
PUBLIC CONSULTATION

Client:

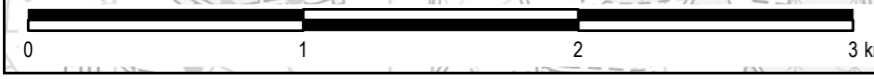

Project Title:
NAUTILUS INTERCONNECTOR

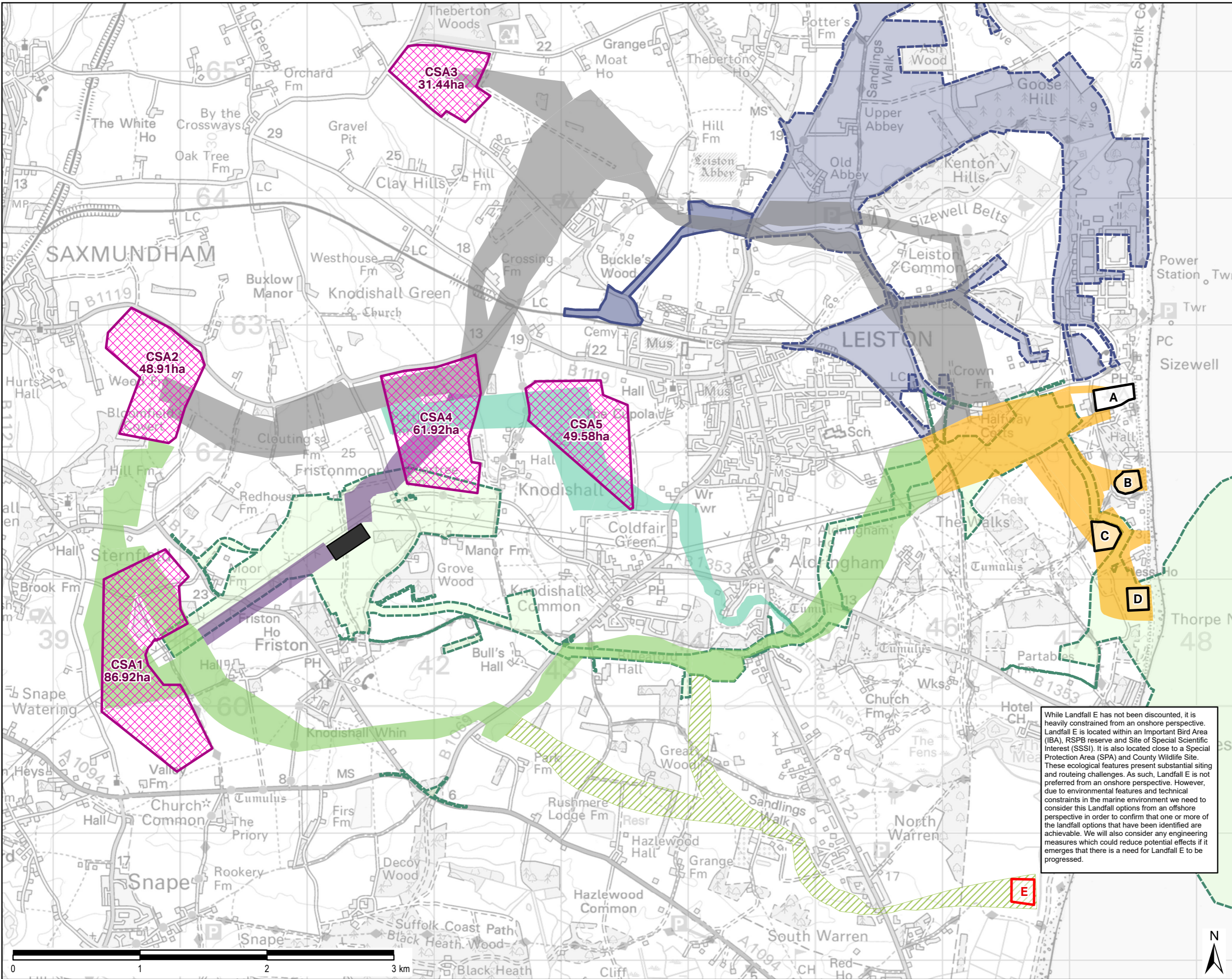
Drawing Title:
NAUTILUS ONSHORE SITING AND ROUTING OPTIONS FOR PUBLIC CONSULTATION

Drawn: DF	Chk'd: LC	App'd: MB	Date: 09/09/2021
AECOM Internal Project No: 60618634		Scale at A3: 1:27,500	

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LEGEND

- NGET Substation at Friston
- Landfall Location Option
- Landfall Location Option E
- Nautilus converter station search areas
- EA1N and EA2 Order Limits
- Sizewell C Order Limits
- Cable Routes**
- Northern Cable Route Corridor
- Southern Cable Route Corridor
- Central Cable Route Corridor
- Shared Route for Northern and Southern Corridor
- Cable Corridors for Grid Connection
- Landfall E Cable Route Corridor

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Purpose of Issue:
PUBLIC CONSULTATION

Client:

Project Title:
NAUTILUS INTERCONNECTOR

Drawing Title:
NAUTILUS ONSHORE SITING AND ROUTING OPTIONS WITH EA1N AND EA2 ORDER LIMITS

Drawn: DF	Chk'd: LC	App'd: MB	Date: 09/09/2021
AECOM Internal Project No: 60618634		Scale at A3: 1:27,500	

While Landfall E has not been discounted, it is heavily constrained from an onshore perspective. Landfall E is located within an Important Bird Area (IBA), RSPB reserve and Site of Special Scientific Interest (SSSI). It is also located close to a Special Protection Area (SPA) and County Wildlife Site. These ecological features present substantial siting and routing challenges. As such, Landfall E is not preferred from an onshore perspective. However, due to environmental features and technical constraints in the marine environment we need to consider this Landfall options from an offshore perspective in order to confirm that one or more of the landfall options that have been identified are achievable. We will also consider any engineering measures which could reduce potential effects if it emerges that there is a need for Landfall E to be progressed.

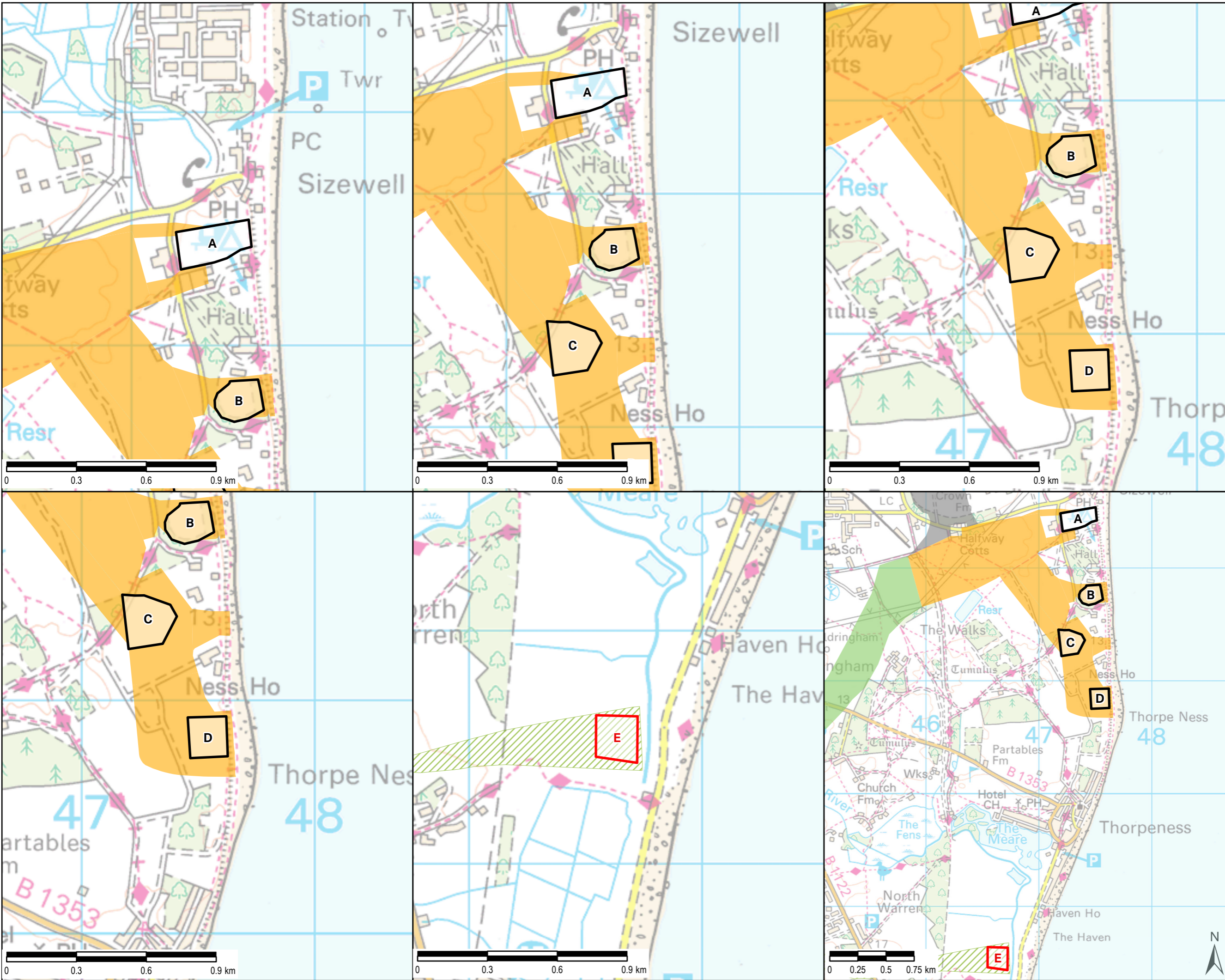
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Drawing No: **FIGURE 2** Rev: **1**





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- LEGEND**
- NGET Substation at Friston
 - Landfall Location Option
 - Landfall Location Option E
- Cable Routes**
- Northern Cable Route Corridor
 - Southern Cable Route Corridor
 - Central Cable Route Corridor
 - Shared Route for Northern and Southern Corridor
 - Cable Corridors for Grid Connection
 - Landfall E Cable Route Corridor

While Landfall E has not been discounted, it is heavily constrained from an onshore perspective. Landfall E is located within an Important Bird Area (IBA), RSPB reserve and Site of Special Scientific Interest (SSSI). It is also located close to a Special Protection Area (SPA) and County Wildlife Site. These ecological features present substantial siting and routing challenges. As such, Landfall E is not preferred from an onshore perspective. However, due to environmental features and technical constraints in the marine environment we need to consider this Landfall options from an offshore perspective in order to confirm that one or more of the landfall options that have been identified are achievable. We will also consider any engineering measures which could reduce potential effects if it emerges that there is a need for Landfall E to be progressed.

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Purpose of Issue:
PUBLIC CONSULTATION

Client:
nationalgrid ventures

Project Title:
NAUTILUS INTERCONNECTOR

Drawing Title:
NAUTILUS: LANDFALL OPTIONS FOR PUBLIC CONSULTATION

Drawn: DF	Chk'd: LC	App'd: MB	Date: 09/09/2021
AECOM Internal Project No: 60618634		Scale at A3: Various	

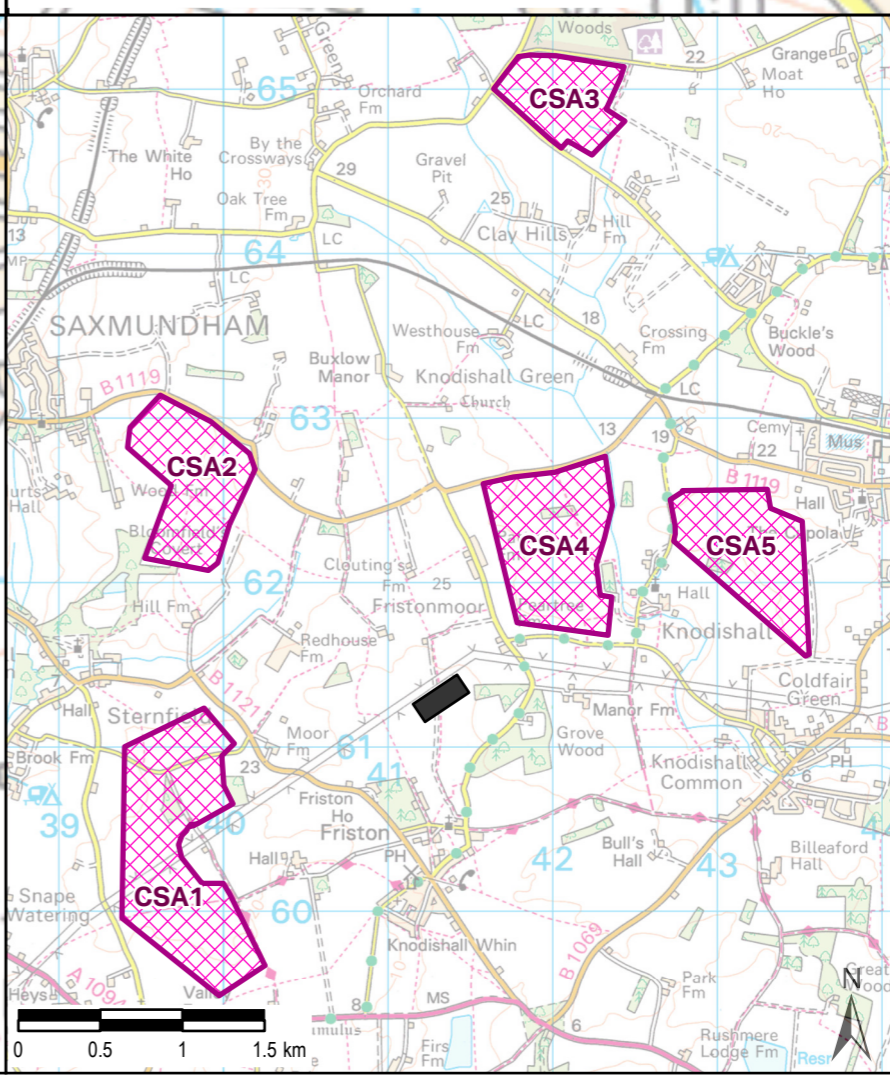
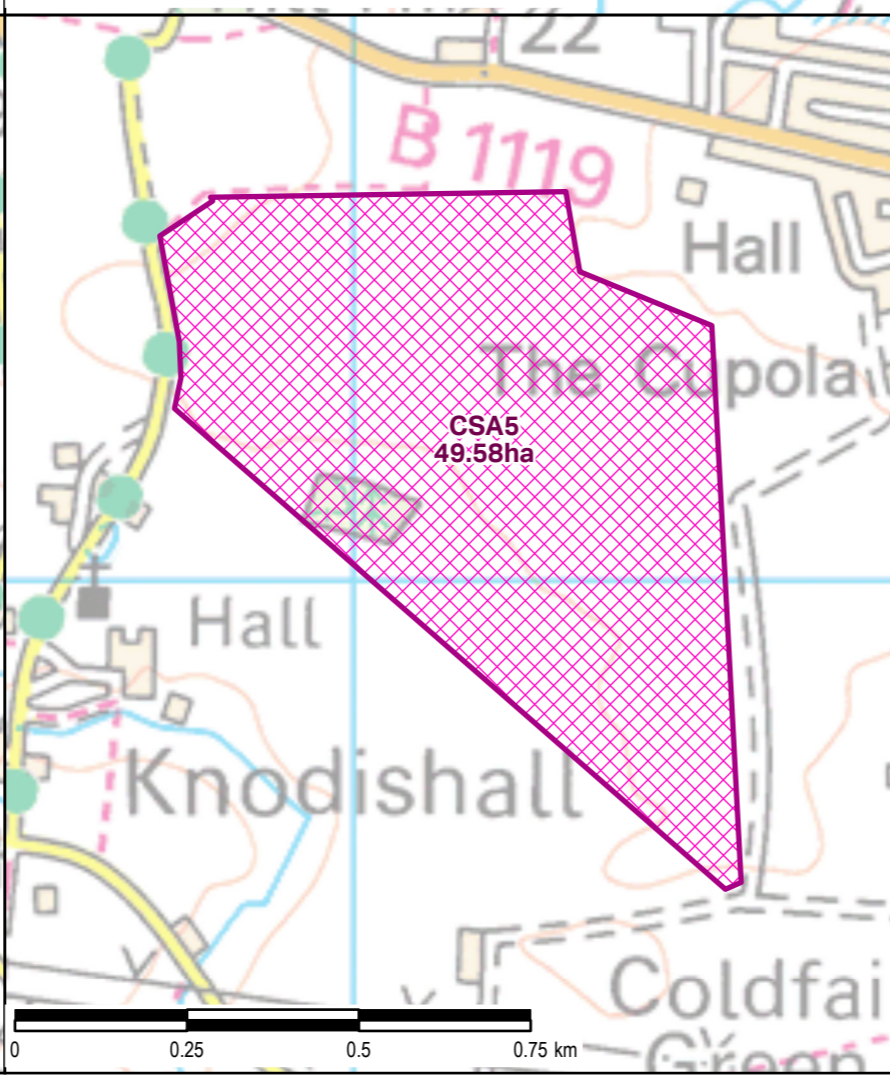
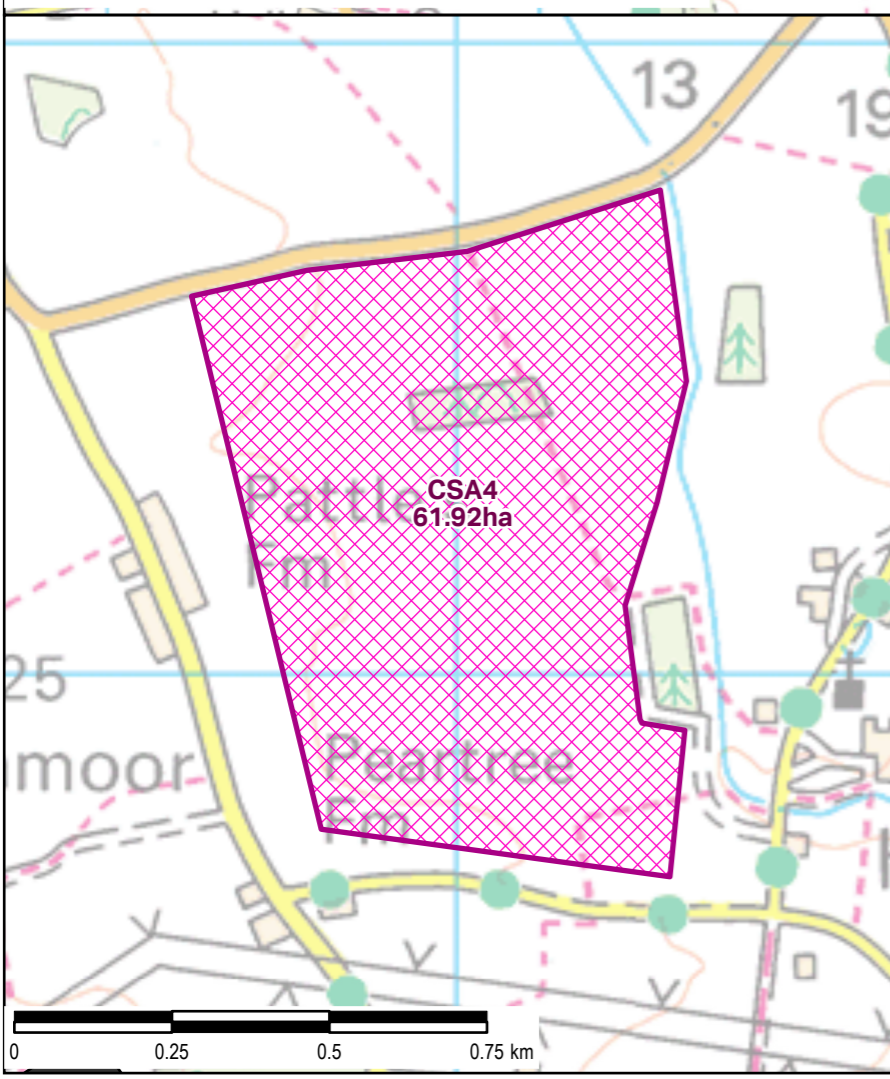
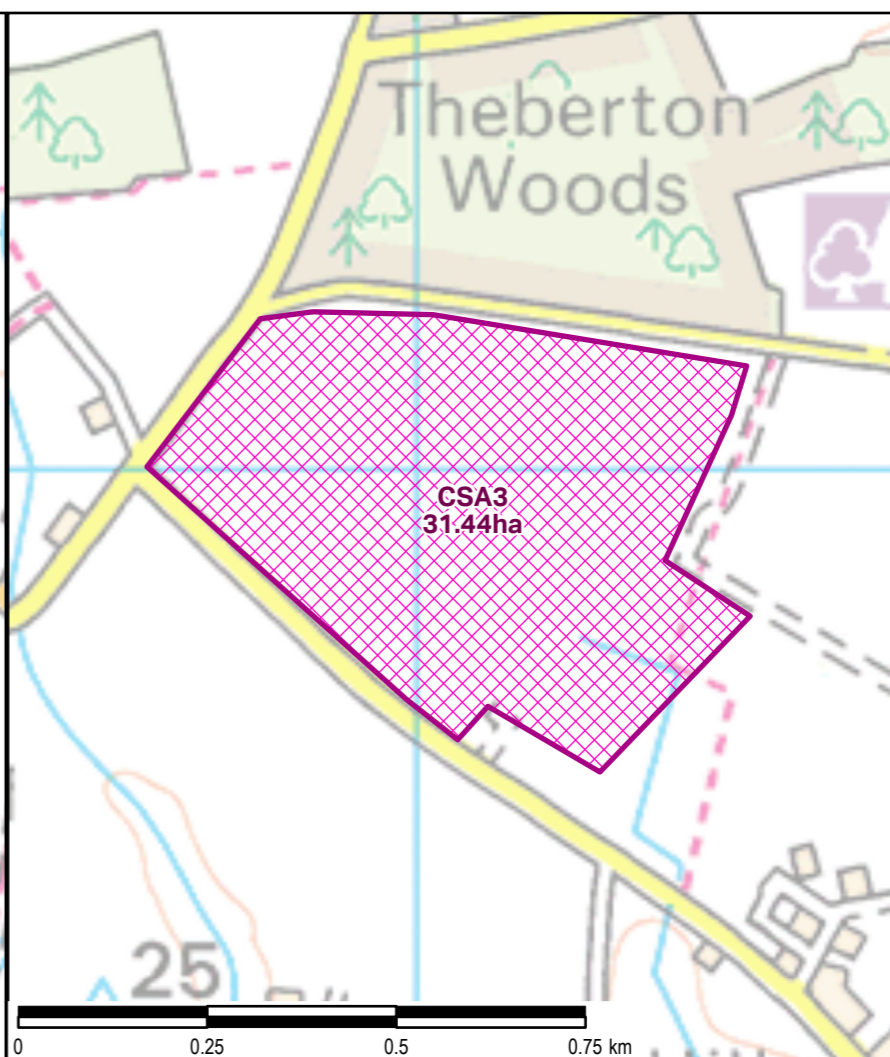
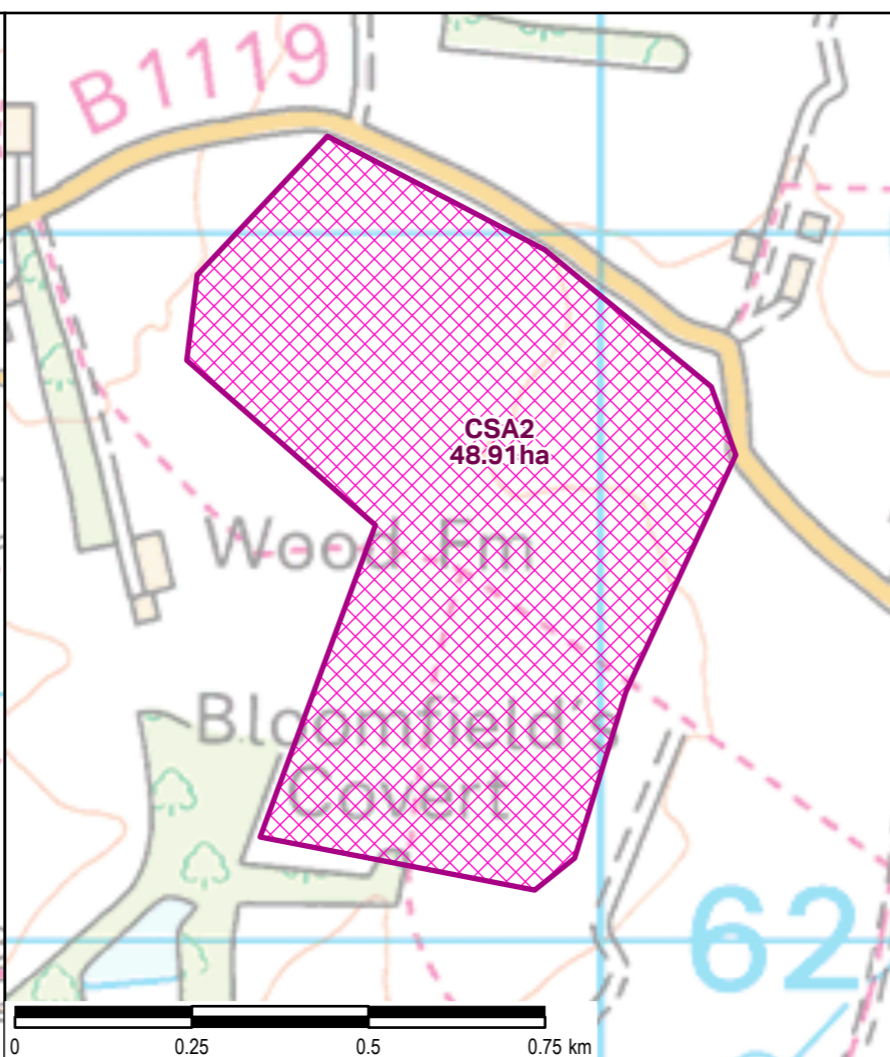
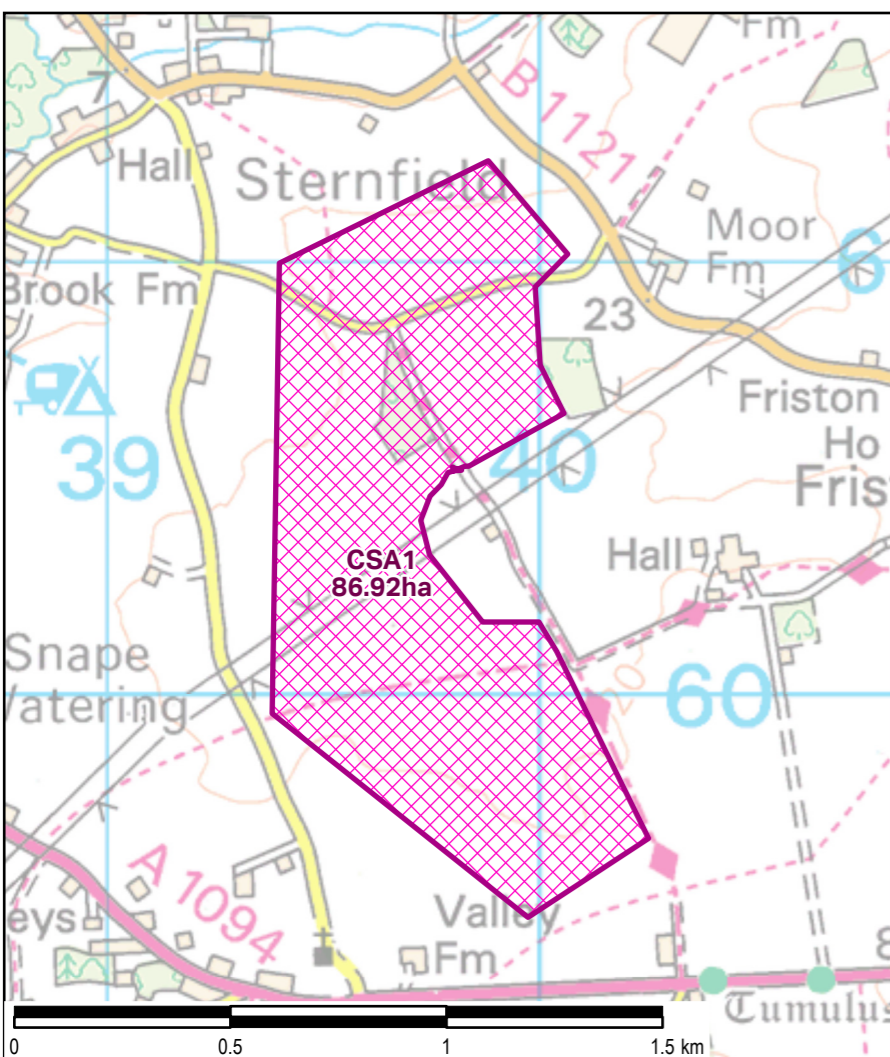
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LEGEND

- NGET Substation at Friston
- ▨ Nautilus converter station search areas



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Project Title:
NAUTILUS INTERCONNECTOR

Drawing Title:
NAUTILUS: SHORTLISTED CONVERTER STATION SEARCH AREAS FOR PUBLIC CONSULTATION


Drawn: DF	Chk'd: LC	App'd: MB	Date: 09/09/2021
AECOM Internal Project No: 60618634		Scale at A3: Various	

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These are search areas for our proposed Converter Station site. The final Converter Station site will have a site area of 5 hectares and will sit within one of our identified Converter Station Search Areas. An indication of 5 hectares is shown below.



An approximate 5 hectare area to scale

- LEGEND**
-  NGET Substation at Friston
 -  Landfall Location Option
 -  Landfall Location Option E
 -  Nautilus converter station search areas
 -  Cable Routes
 -  IBA
 -  RSPB Reserves
 -  SAC
 -  SPA
 -  Heritage Coast
 -  AONB

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Project Title:
NAUTILUS INTERCONNECTOR

Drawing Title:
NAUTILUS ONSHORE SITING AND ROUTING OPTIONS WITH HIGH LEVEL ENVIRONMENTAL CONSTRAINTS

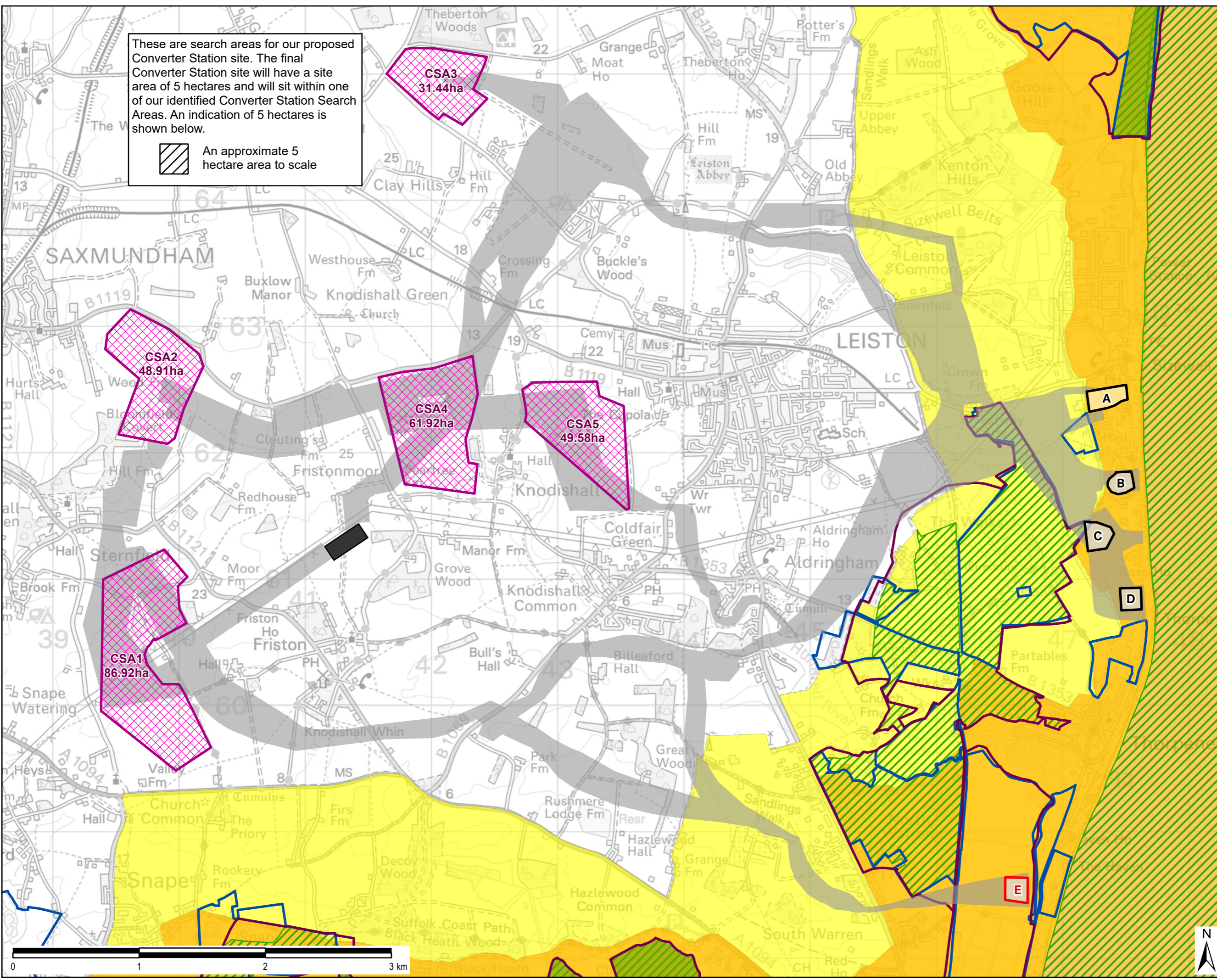
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Drawing No:
FIGURE 5

Rev:
1














NAUTILUS MULTI-PURPOSE INTERCONNECTOR

Marine Environment Information

Drawing No: P2433-ENV-L-001

C

Legend

-  Offshore Study Area
- Potential Nautilus Landfall Location**
-  Landfall A - D
-  Landfall E - Least Preferred Onshore
-  Munitions Dumpsite
- UK Offshore Wind Farm Sites**
-  Existing
-  Proposed
-  Territorial Water Limit
-  Port/Harbour Area
-  Traffic Separation Area
-  Marine Aggregates Extraction
-  Planned and Existing Infrastructure
-  Southern North Sea SAC
-  Marine SAC



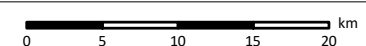
NOTE:

It is the intention that the MPI routing will go directly from GB to Belgium and will not cross any other territorial waters

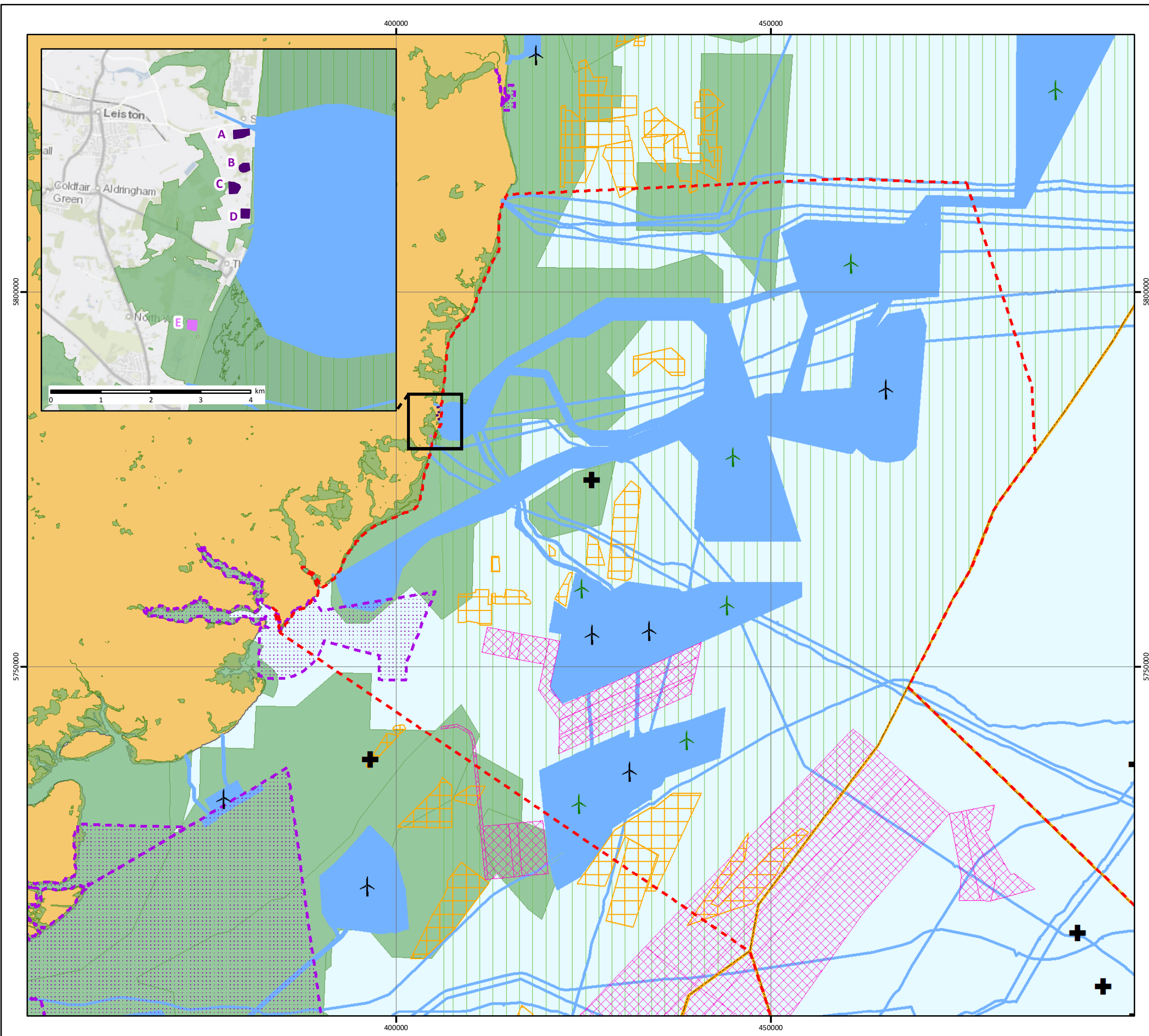


NOTE: Not to be used for Navigation

Date	02 September 2021
Coordinate System	WGS 1984 UTM Zone 31N
Projection	Transverse Mercator
Datum	WGS 1984
Data Source	TCE; JNCC; NE; KISCA; OGA; CEFAS; UKHO; OSOD; MarineRegions; ESRI;
File Reference	J:\P2433\Mxd\03_ENV\ P2433-ENV-L-001.mxd
Created By	Chris Dawe
Reviewed By	Emma Langley
Approved By	Jackson Harris



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