



Environmental Impact Assessment Scoping Report

Volume 2 Figures Onshore

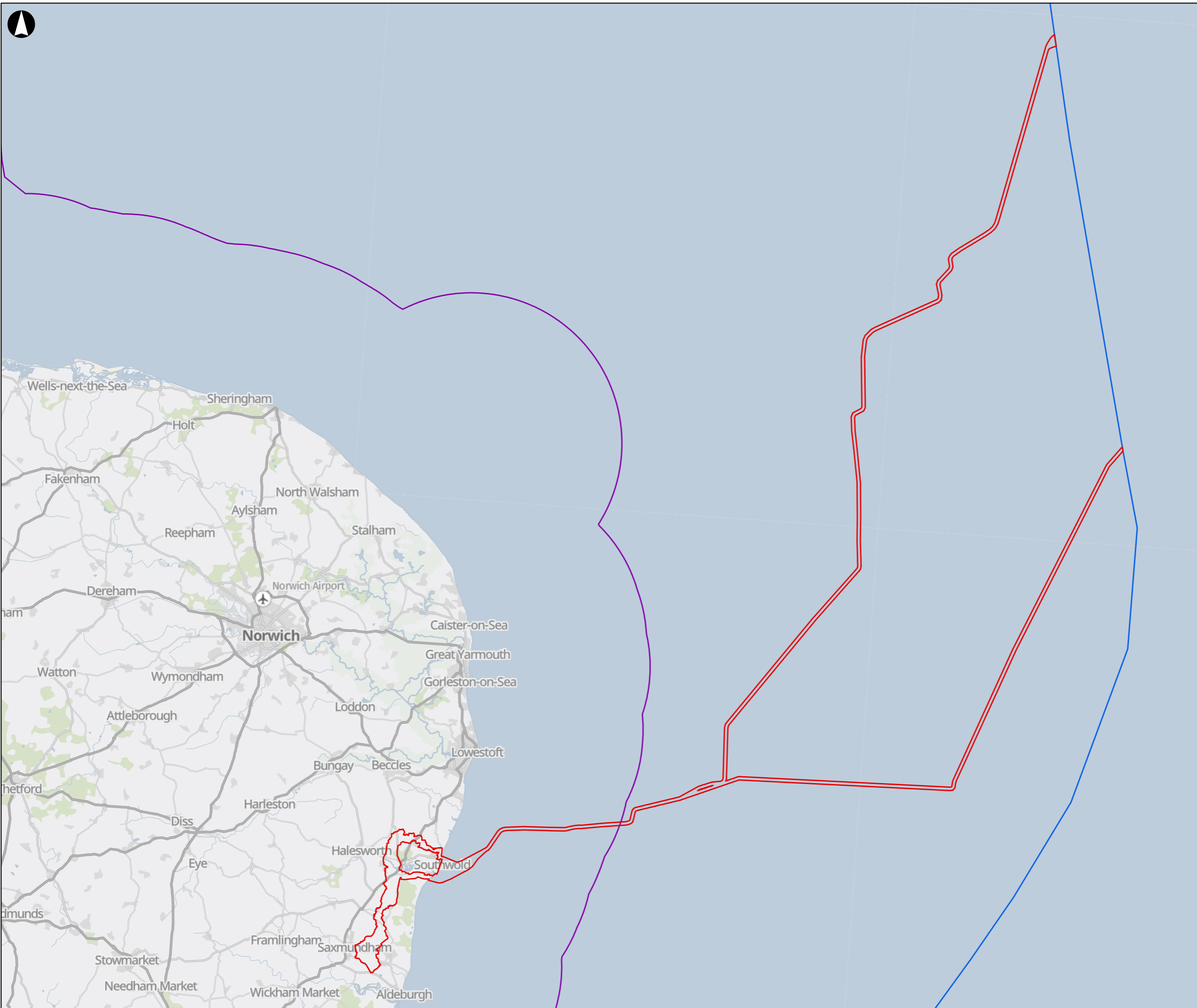
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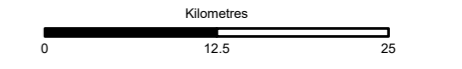
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- Proposed Scheme Scoping Boundary
- Territorial Sea Limit (12nm)
- Exclusive Economic Zone Limit

Coordinate System: WGS 1984 UTM Zone 31N
 Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <https://www.marinerregions.org/>. <https://doi.org/10.14284/386>
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Drawing Title
 Figure 1-1 Proposed Scheme Scoping Boundary

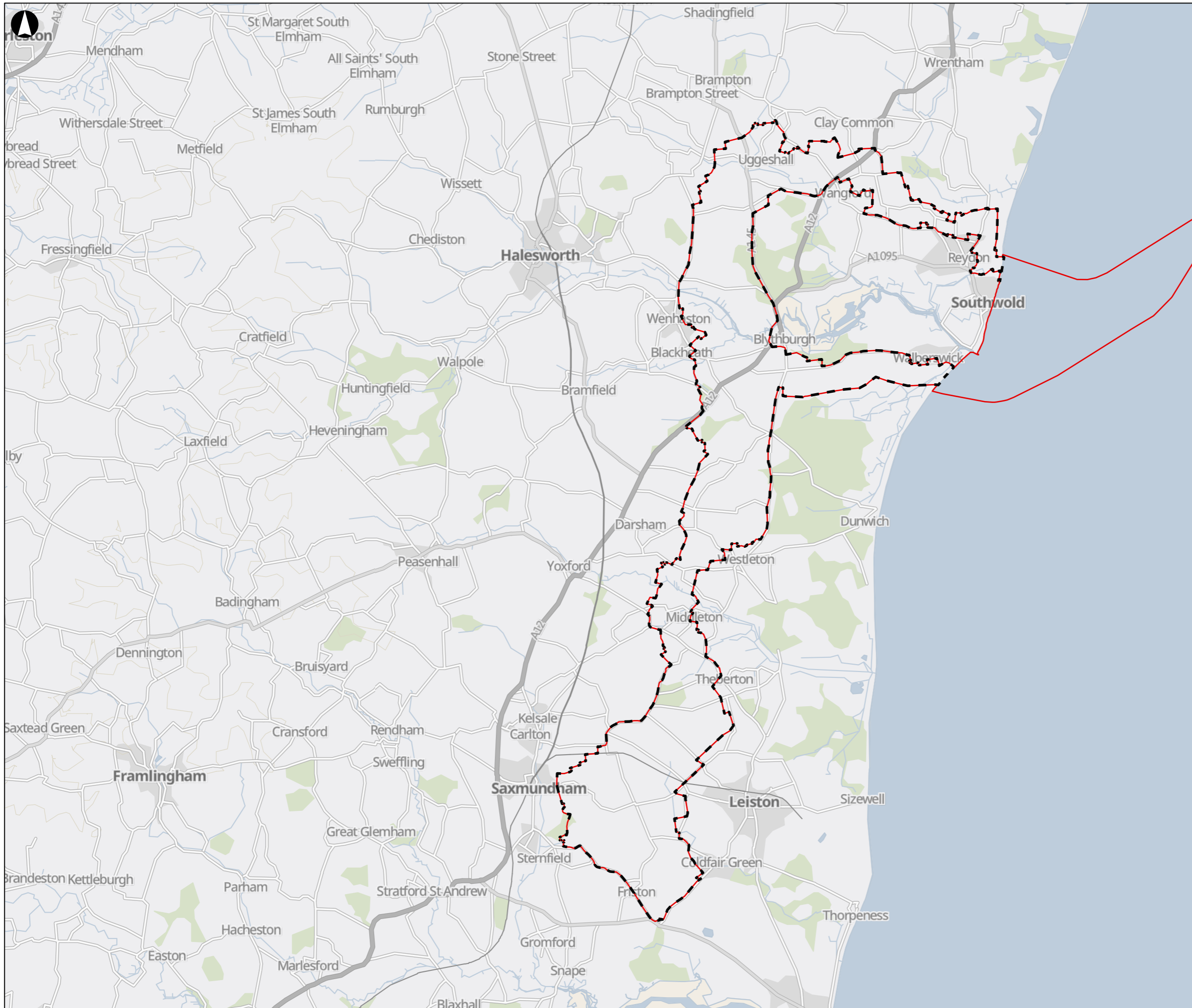
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Role
 Chapter 1. Introduction

Suitability
 EIA Scoping Report

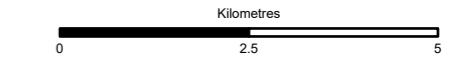
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- Proposed Scheme Scoping Boundary
- Proposed Onshore Scheme Scoping Boundary

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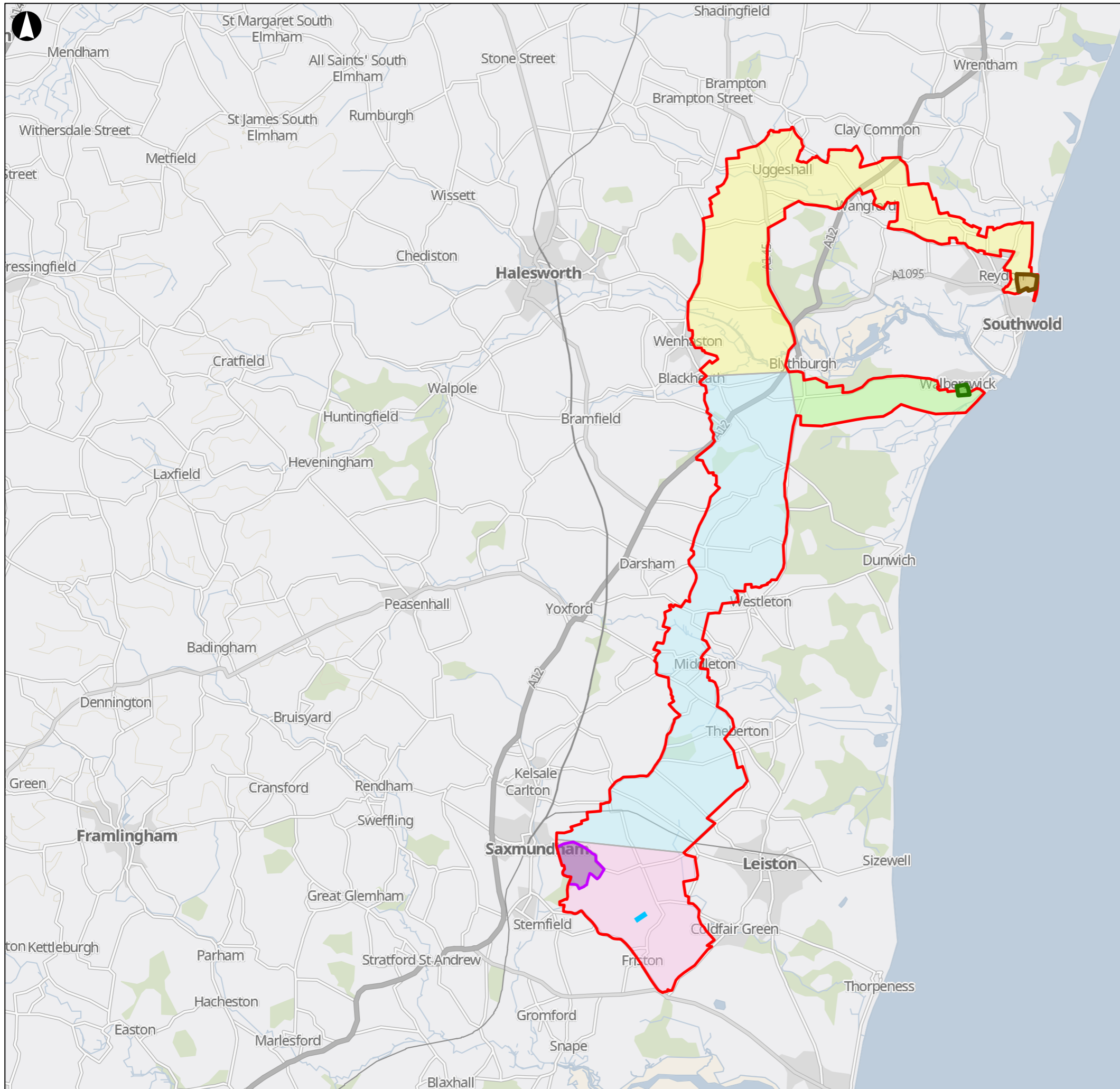
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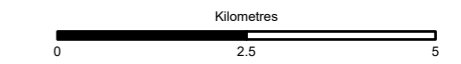
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Figure 1-2 Proposed Onshore Scheme Scoping Boundary

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- Proposed Onshore Scheme Scoping Boundary
- Proposed HVAC Cable corridor
- Proposed Underground HVDC Cable - Southwold corridor
- Proposed Underground HVDC Cable - Walberswick corridor
- Proposed Underground HVDC Cable - common corridor
- Proposed Friston Substation Site
- Converter Station - Site 3 Search Area
- Proposed Walberswick Landfall Search Area (G 2)
- Proposed Southwold Landfall Search Area (F)

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 Figure 1-3 Proposed Onshore
 Scheme Scoping Boundary and
 Scheme Components

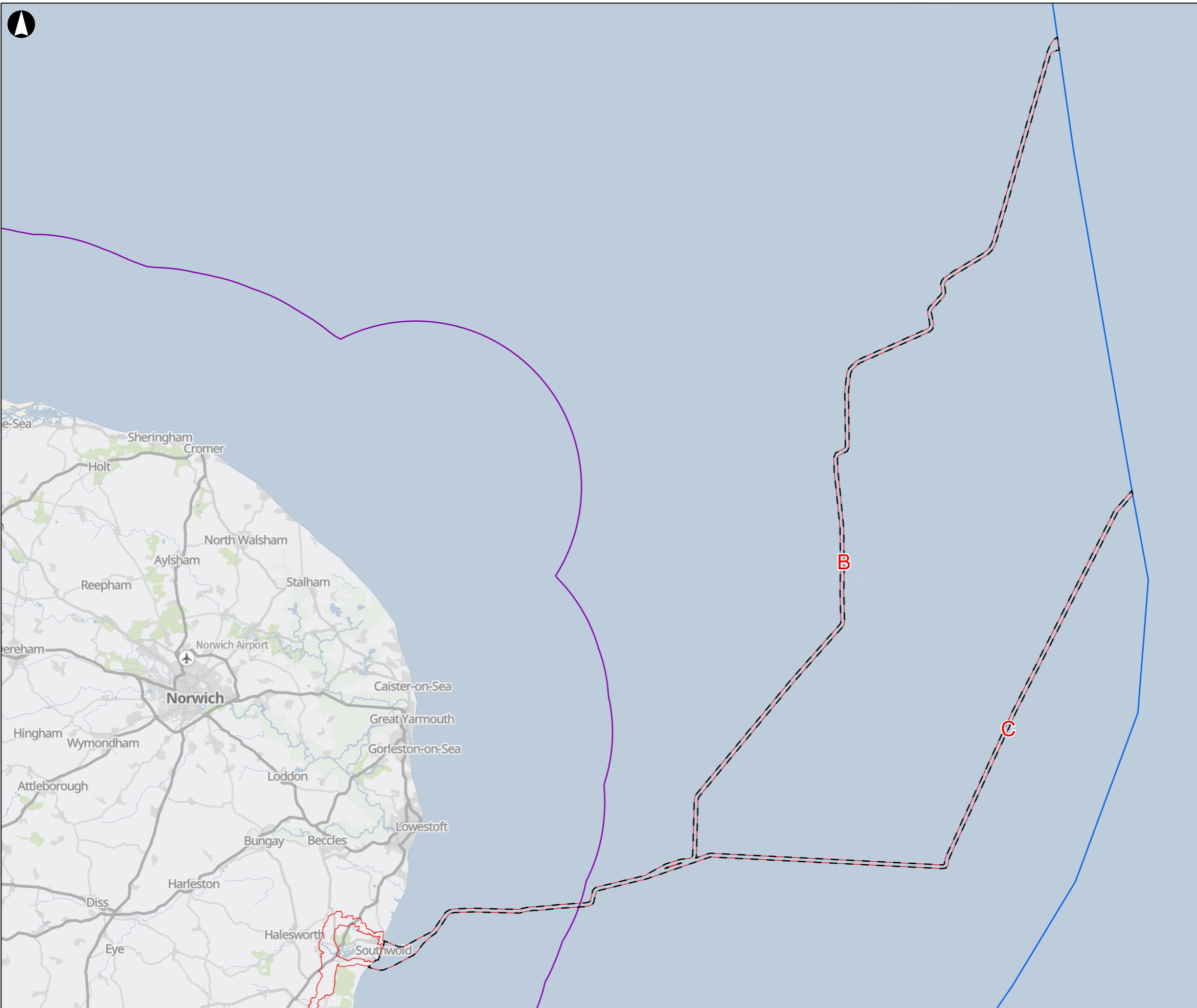
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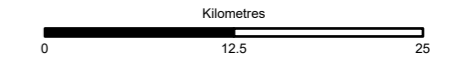
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- Proposed Scheme Scoping Boundary
- Proposed Offshore Scheme Scoping Boundary
- Territorial Sea Limit (12nm)
- Exclusive Economic Zone Limit

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 Figure 1-4 Proposed Offshore Scheme Scoping Boundary

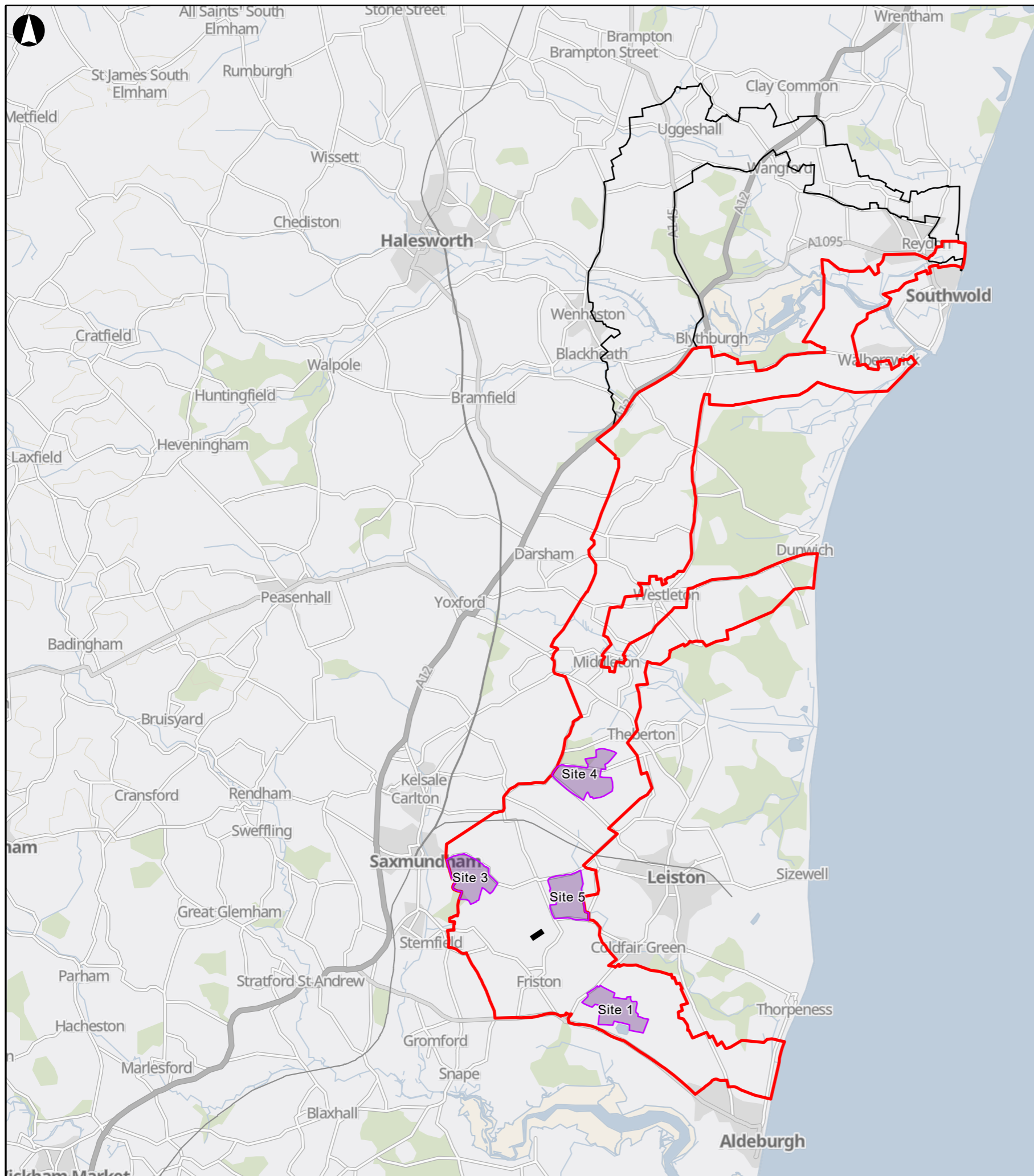
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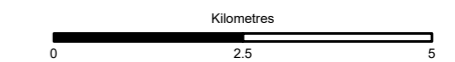
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- Underground Cable Search Area - Non-statutory Consultation
- Revised Northern Southwold Boundary
- Converter Station Site Options
- Proposed Friston Substation

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Figure 3-1 Shortlisted Converter Station Sites

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Role

Chapter 3. Alternatives

Suitability

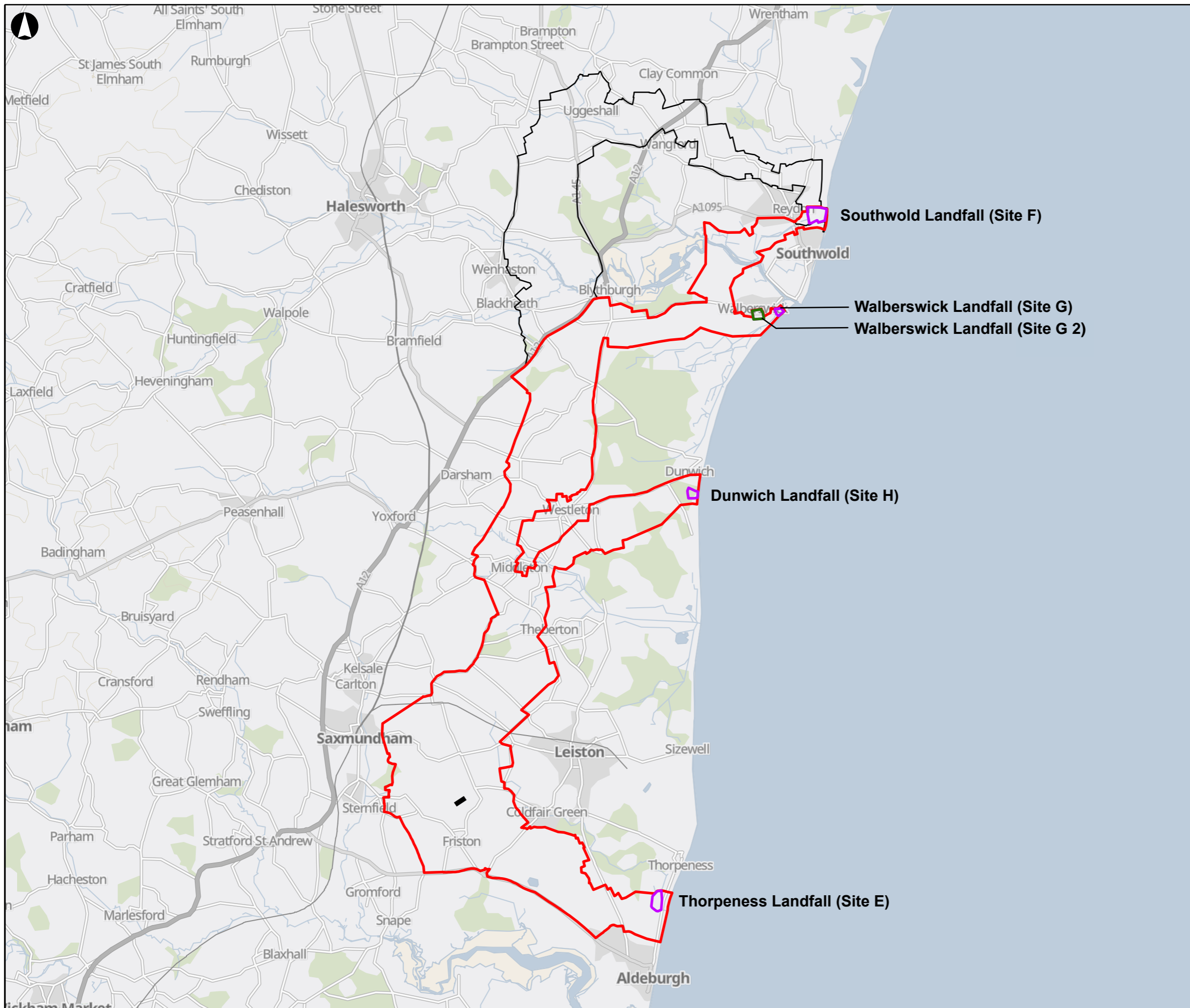
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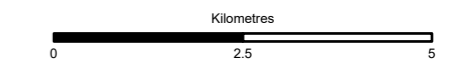
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- Underground Cable Search Area - Non-statutory Consultation
- Revised Northern Southwold Boundary
- Shortlisted Landfall Sites
- Revised Landfall
- Proposed Friston Substation

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 Figure 3-2 Shortlisted Landfall Sites

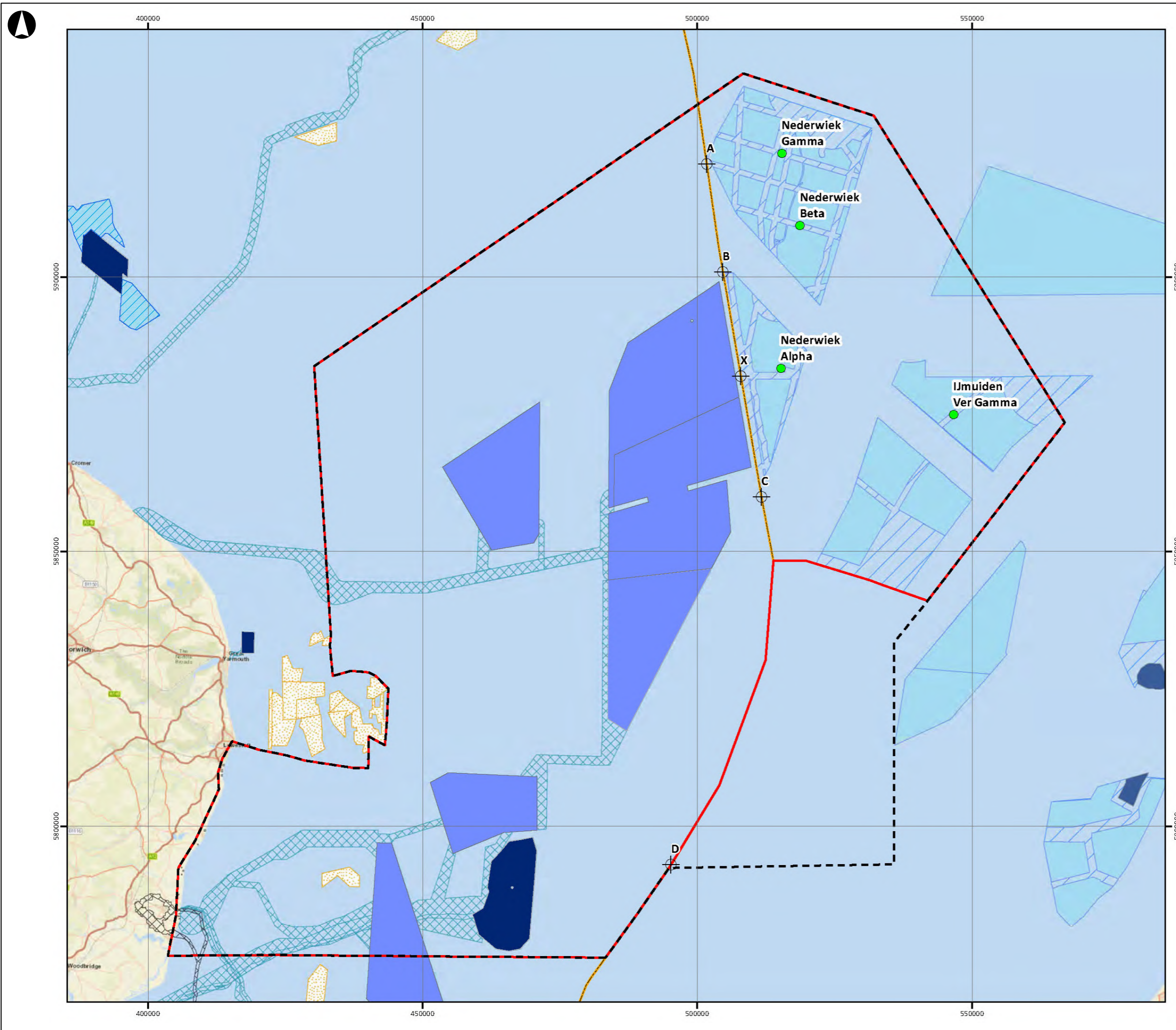
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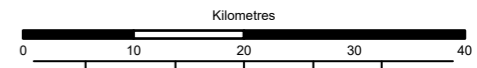
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- NL OWF Platform Location Options
- Border Connection Locations
- EEZ Boundary
- Study Area 1 - Cable Route & HVDC Asset Location
- Study Area 2 - UXO Desktop Study Only
- Aggregates Site Agreement Areas
- Sea Link Cable Corridors
- Offshore Windfarm
- Active/In Operation
- Consented
- In Planning
- Pre-planning Application
- Export Cable Agreement Corridors



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Figure 3-3 Offshore Connection Points

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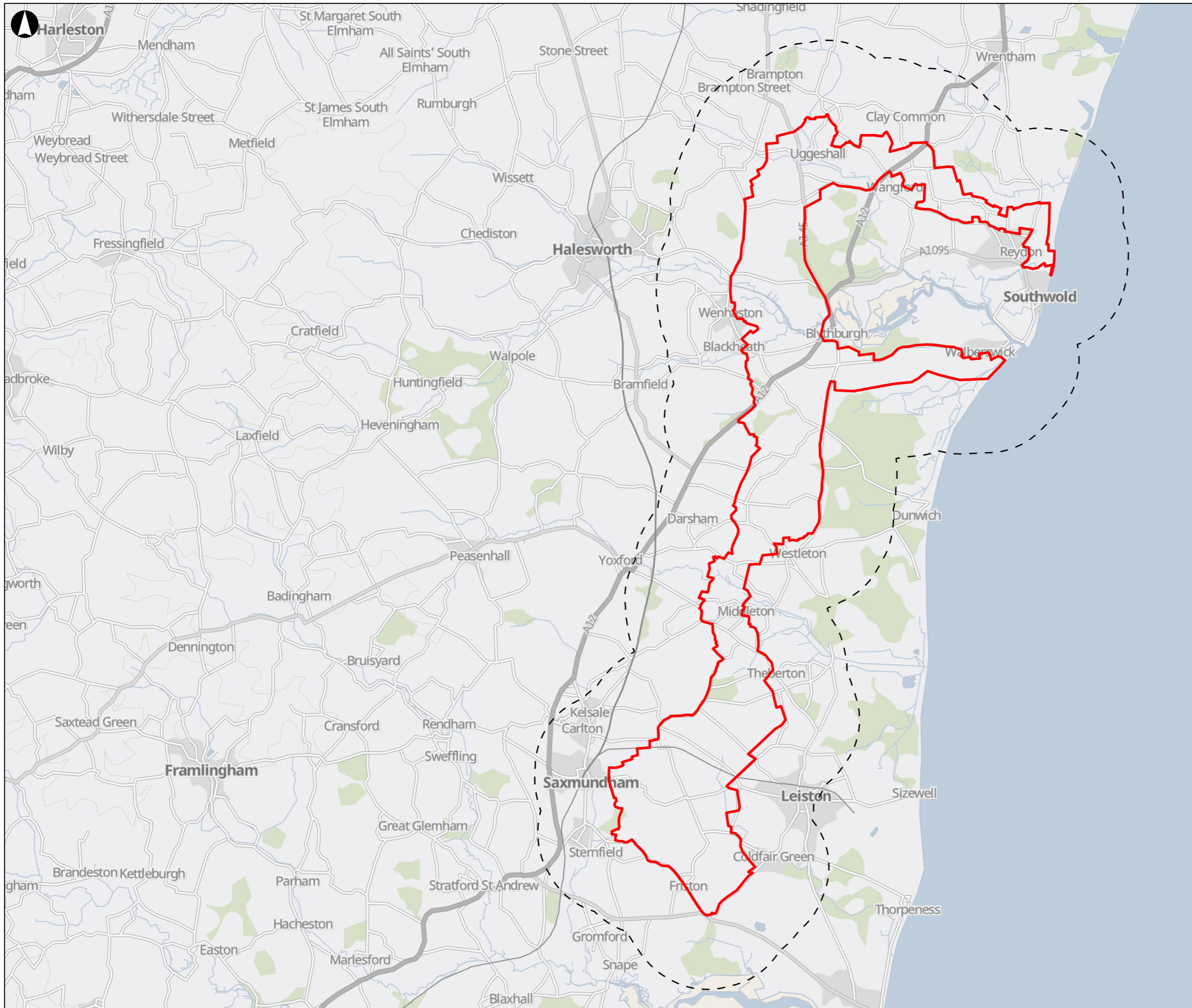
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Chapter 3. Alternatives

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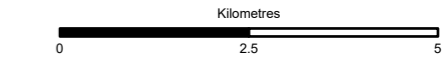
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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scheme Scoping Boundary Study Area (2km)

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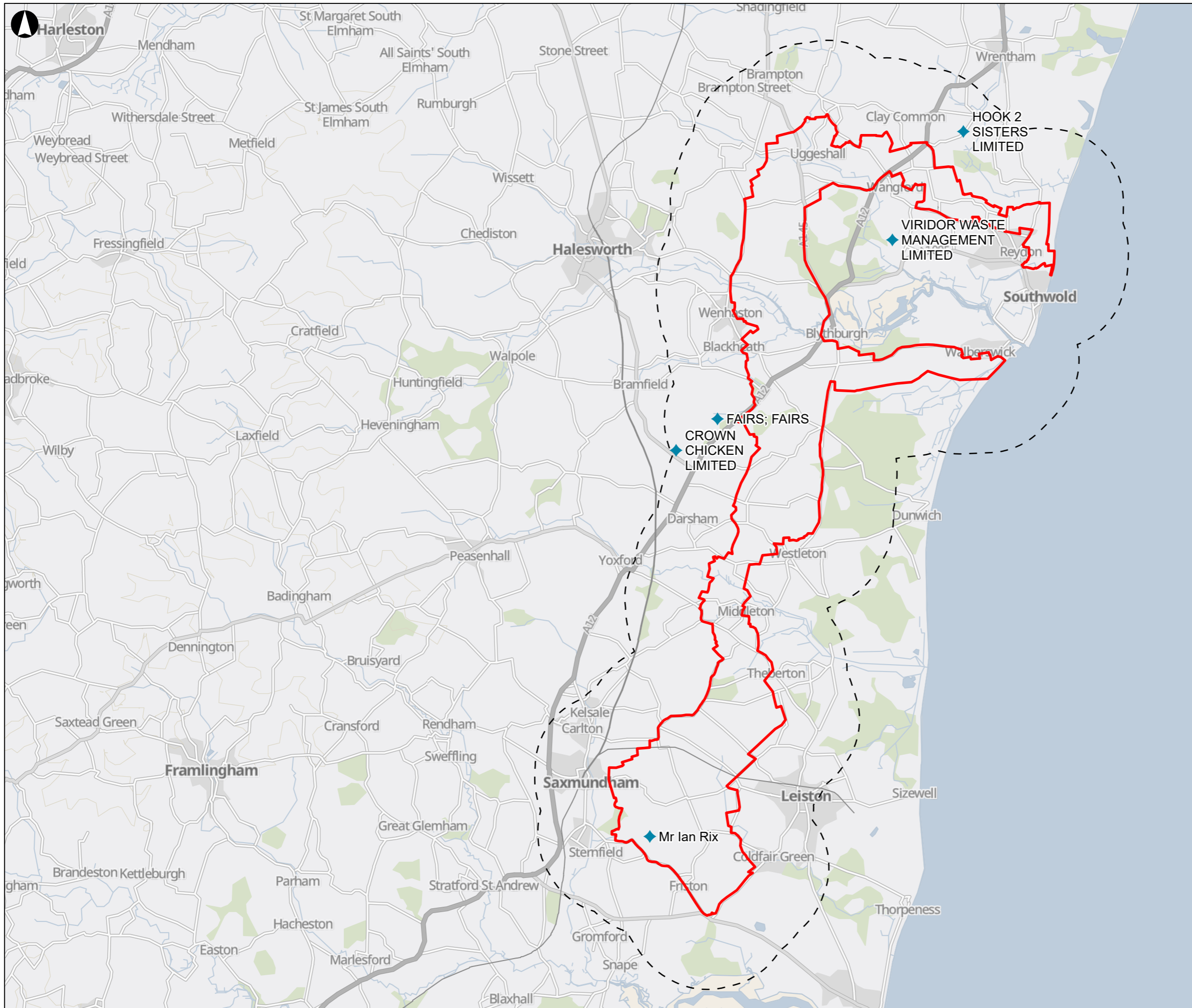
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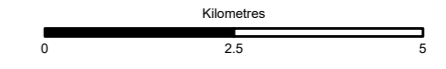
Figure 6-1 Air Quality Study Area

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Role	
Chapter 6. Air Quality	
Suitability	
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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scheme Scoping Boundary Study Area (2km)
- ◆ Part A Processes

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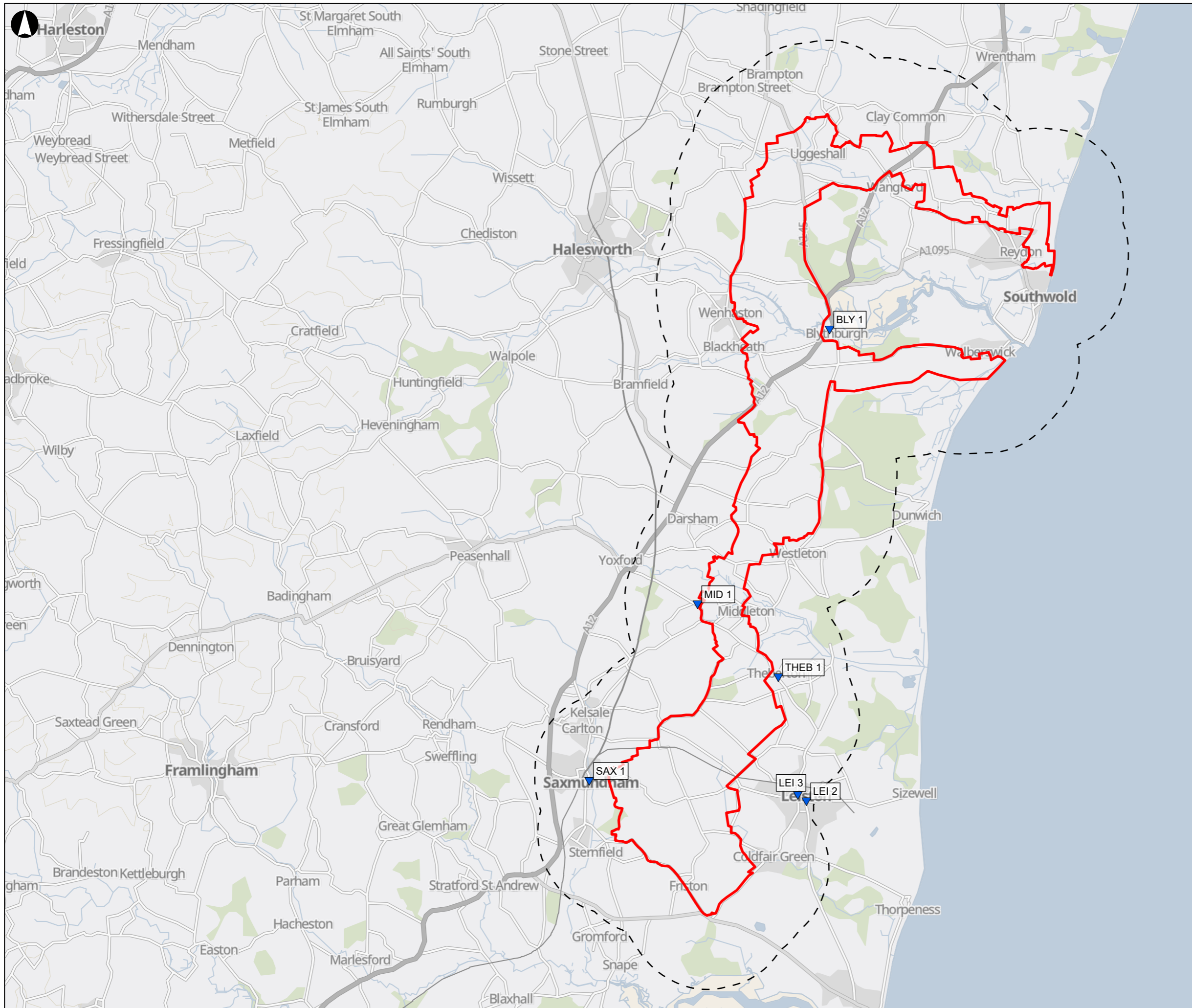
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 Figure 6-2 Industrial Processes

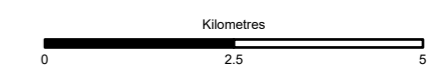
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 Chapter 6. Air Quality
 Suitability
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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scheme Scoping Boundary Study Area (2km)
- ▼ Diffusion Tube Monitoring Sites

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Figure 6-3 Local Air Quality Monitoring

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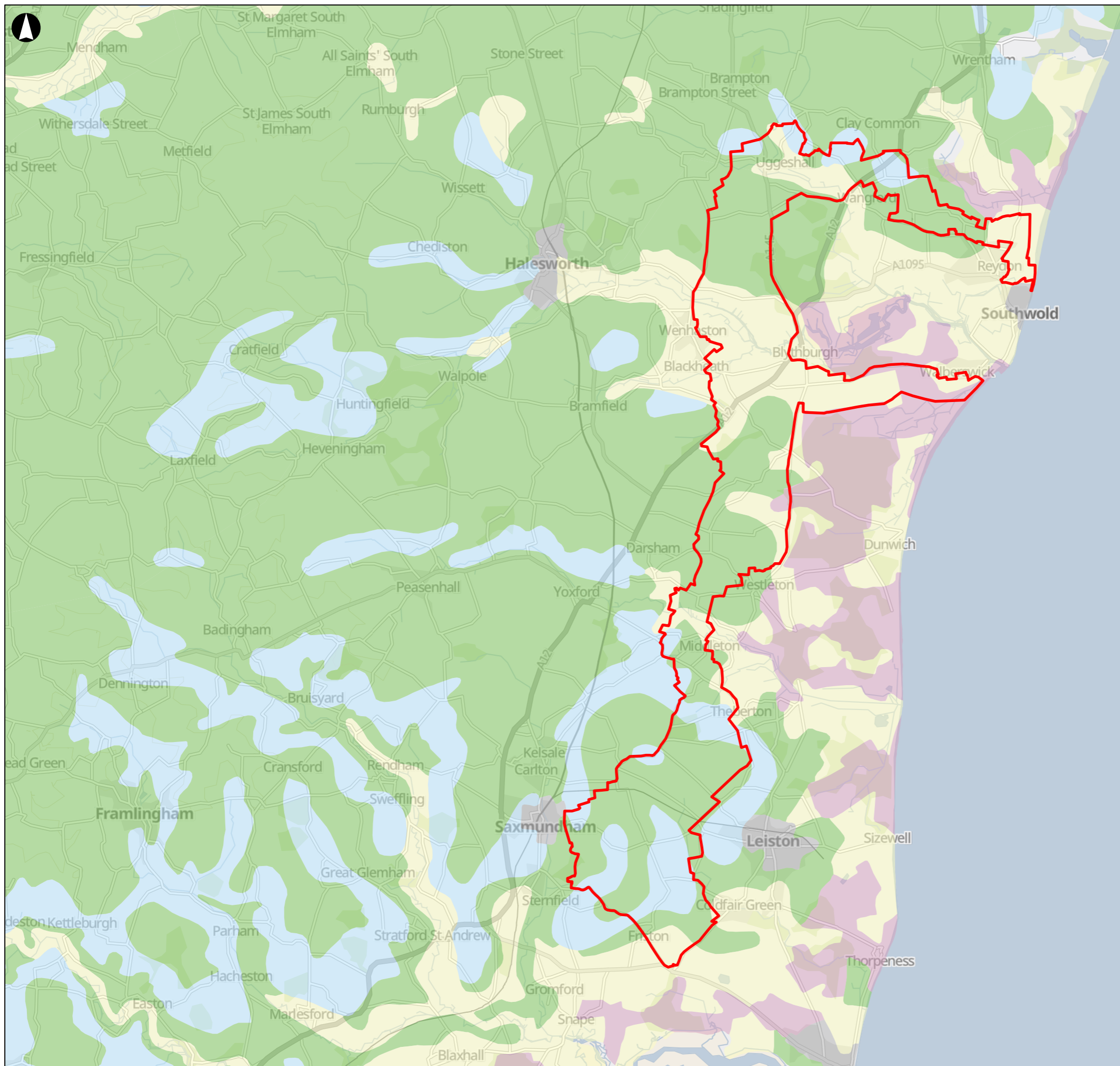
Role

Chapter 6. Air Quality

Suitability

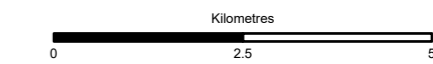
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- Proposed Onshore Scheme Scoping Boundary
- Provisional Agricultural Land Classification**
- Grade 2
- Grade 3
- Grade 4
- Non Agricultural
- Urban

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Figure 7-1 Provisional Agricultural Land Classification

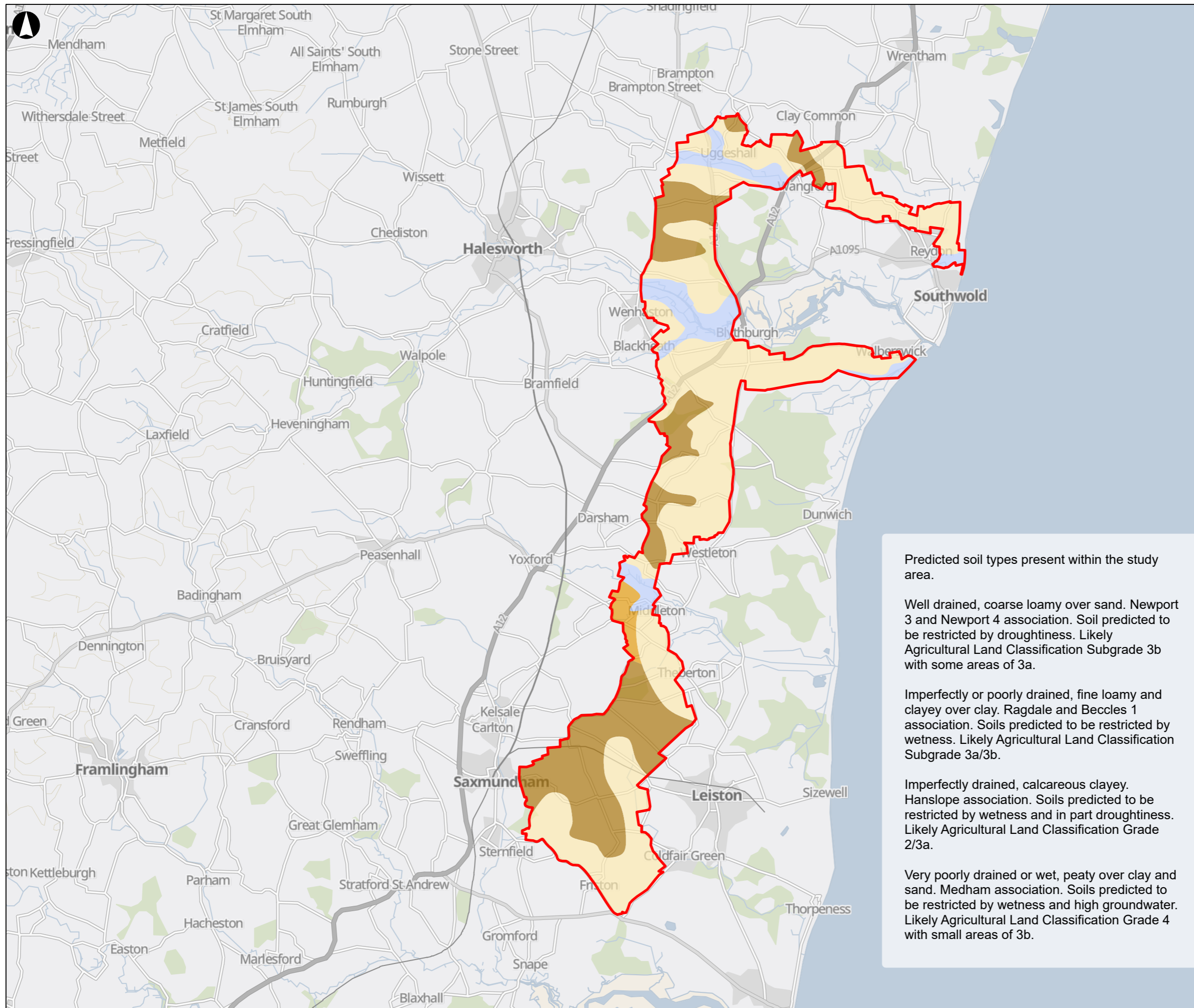
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Role
Chapter 7. Agriculture and Soils

Suitability
EIA Scoping Report

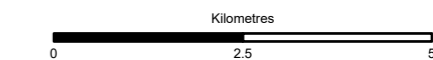
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- Proposed Onshore Scheme Scoping Boundary
- Predicted Soil Type**
- Well drained, coarse loamy over sand
- Imperfectly drained, calcareous clayey
- Imperfectly or poorly drained, fine loamy and clayey over clay
- Very poorly drained or wet, peaty over clay and sand

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 Figure 7-2 Predicted Soil Type

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 Chapter 7. Agriculture and Soils
 Suitability
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Drawing Number LL-ARP-FIG-AGR-0023-P01	

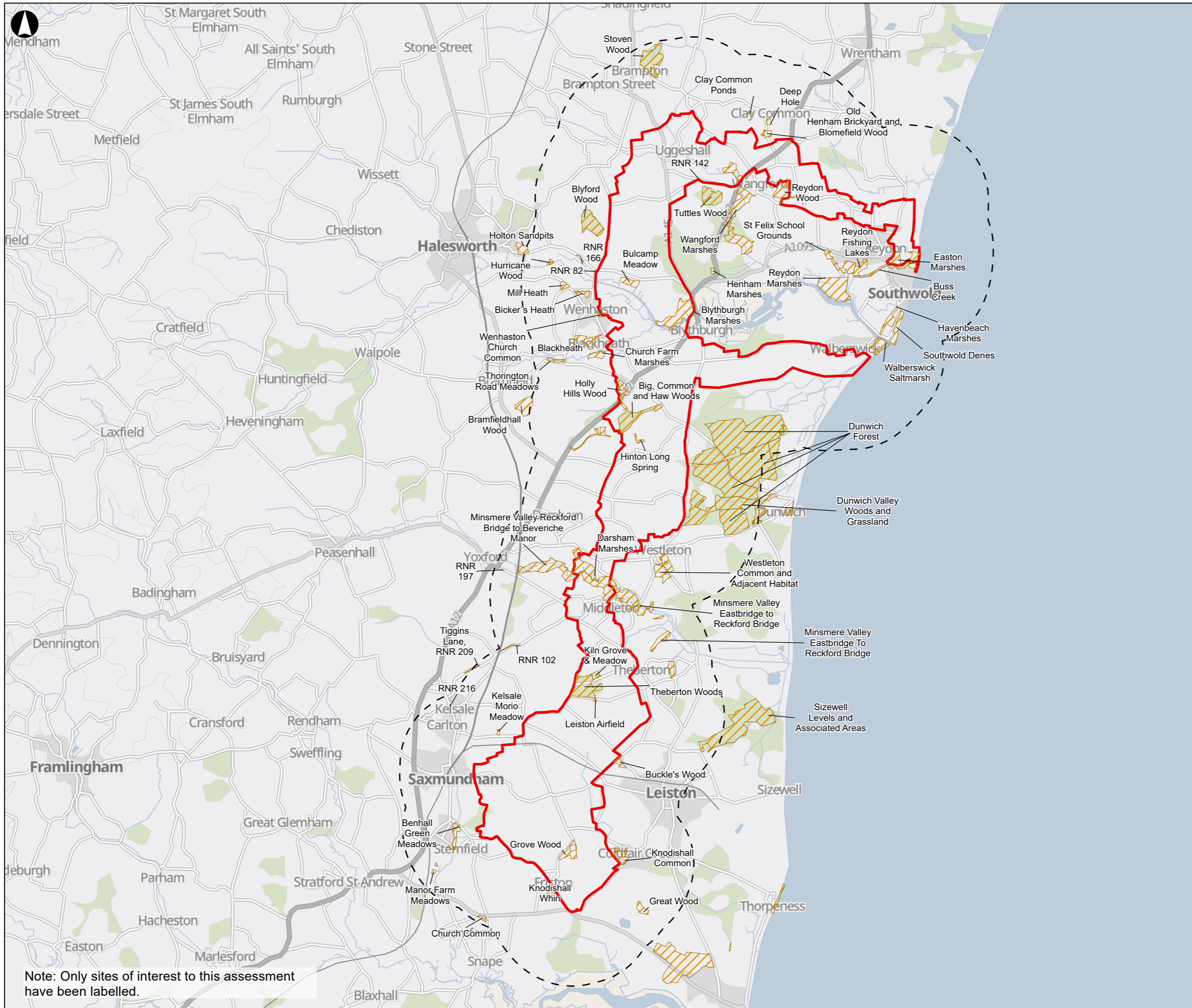
Predicted soil types present within the study area.

Well drained, coarse loamy over sand. Newport 3 and Newport 4 association. Soil predicted to be restricted by droughtiness. Likely Agricultural Land Classification Subgrade 3b with some areas of 3a.

Imperfectly or poorly drained, fine loamy and clayey over clay. Ragdale and Beccles 1 association. Soils predicted to be restricted by wetness. Likely Agricultural Land Classification Subgrade 3a/3b.

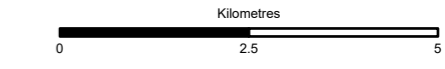
Imperfectly drained, calcareous clayey. Hanslope association. Soils predicted to be restricted by wetness and in part droughtiness. Likely Agricultural Land Classification Grade 2/3a.

Very poorly drained or wet, peaty over clay and sand. Medham association. Soils predicted to be restricted by wetness and high groundwater. Likely Agricultural Land Classification Grade 4 with small areas of 3b.



- Proposed Onshore Scheme
- Scoping Boundary
- Scoping Boundary 2km Buffer
- County Wildlife Sites

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Figure 8-2 Non-Statutory Designated Ecological Features (Onshore)

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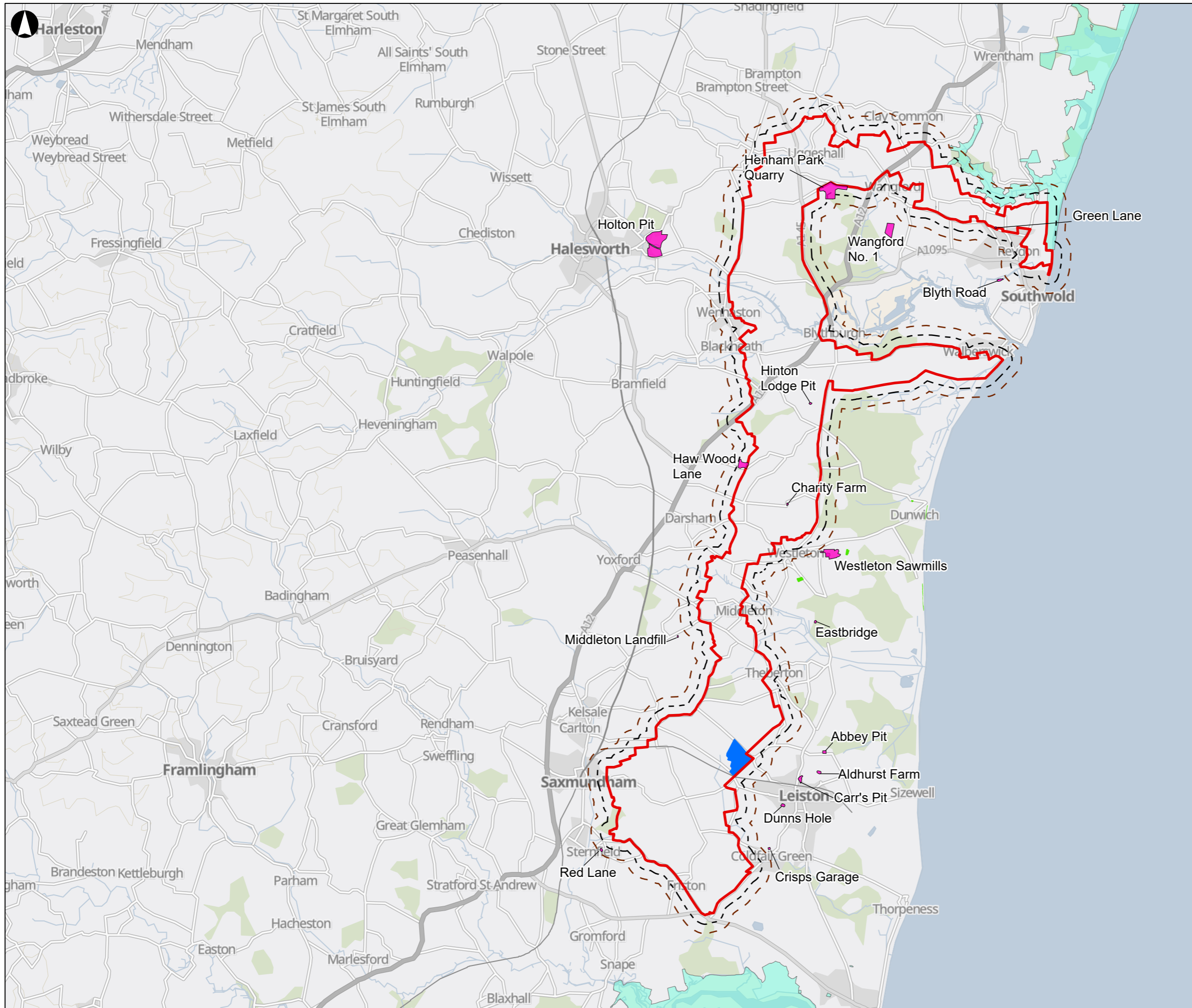
Role Chapter 8. Ecology and Biodiversity (Onshore)

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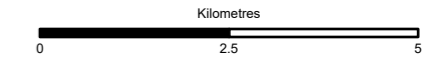
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Drawing Number	LL-ARP-FIG-ENV-0025-P01		

Note: Only sites of interest to this assessment have been labelled.



- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scheme Scoping Boundary 250m Buffer
- Proposed Onshore Scheme Scoping Boundary 500m Buffer
- County GeoSites
- SSSI Geological
- Historic Landfill Sites
- RAF Leiston

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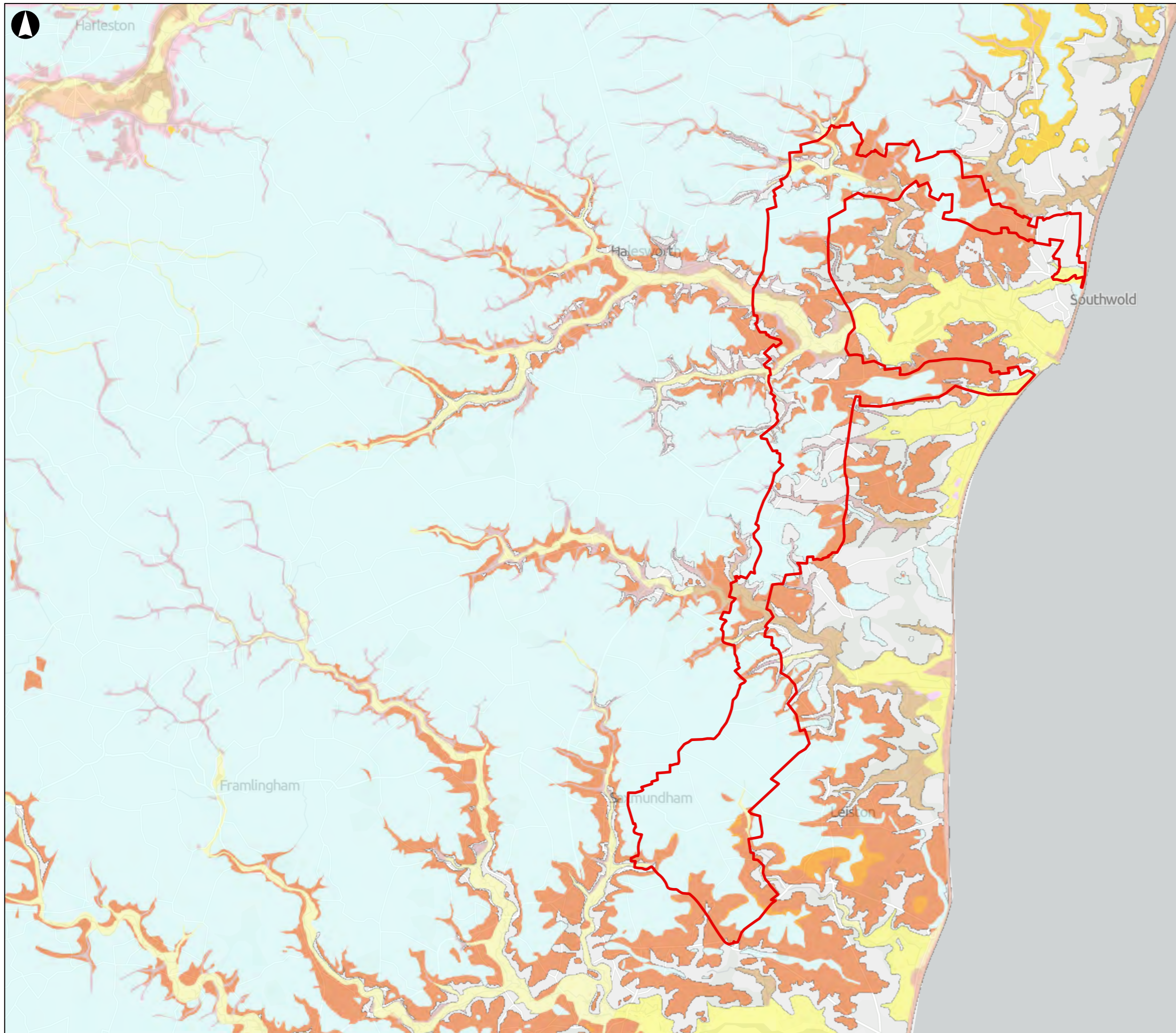
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Figure 9-1 Contaminated Land Constraints Map

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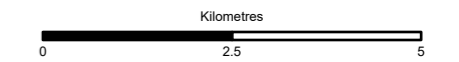
Role
Chapter 9. Geology and Contamination

Suitability EIA Scoping Report	
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- Proposed Onshore Scheme Scoping Boundary
- Superficial Deposits**
- Alluvium - clay, silt, sand and gravel
- Head - gravel, sand, silt and clay
- Lowestoft Formation - diamicton
- Lowestoft Formation - sand and gravel
- Peat
- River Terrace Deposits, 1 - sand and gravel
- River Terrace Deposits, 2 - sand and gravel
- Sand and Gravel of Uncertain Age and Origin - sand and gravel
- Tidal Flat Deposits - clay and silt

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 Figure 9-2 Superficial Geology

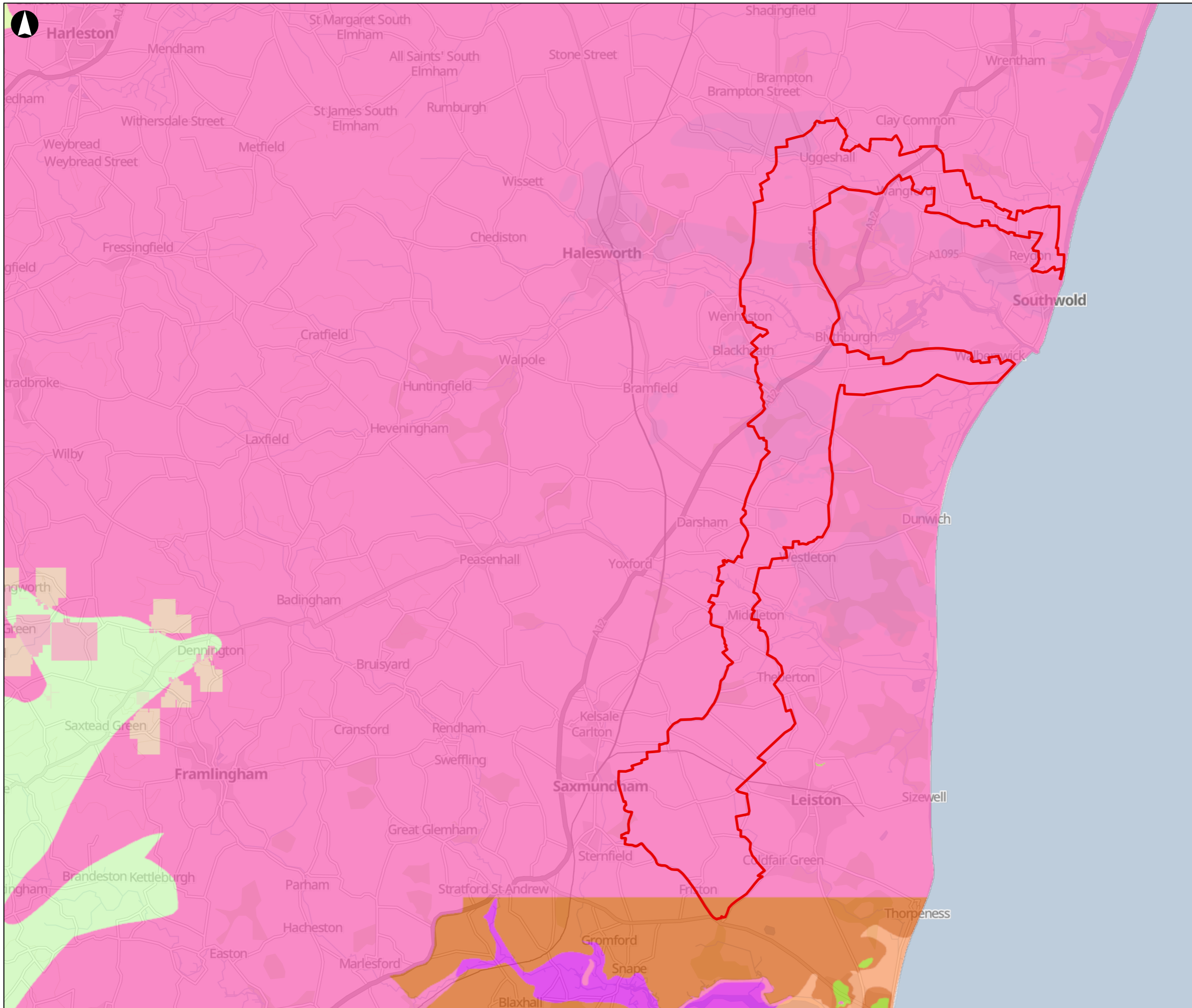
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Role
 Chapter 9. Geology and Contamination

Suitability
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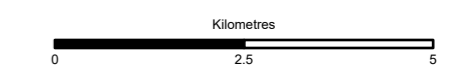
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Drawing Number
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- Proposed Onshore Scheme Scoping Boundary
- Bedrock Geology**
- Chillesford Church Sand Member - sand
- Chillesford Clay Member - clay, silty
- Coralline Crag Formation - Calcarenite
- Crag Group - gravel
- Crag Group - sand
- Red Crag Formation - sand
- London Clay Formation - clay, silt and sand

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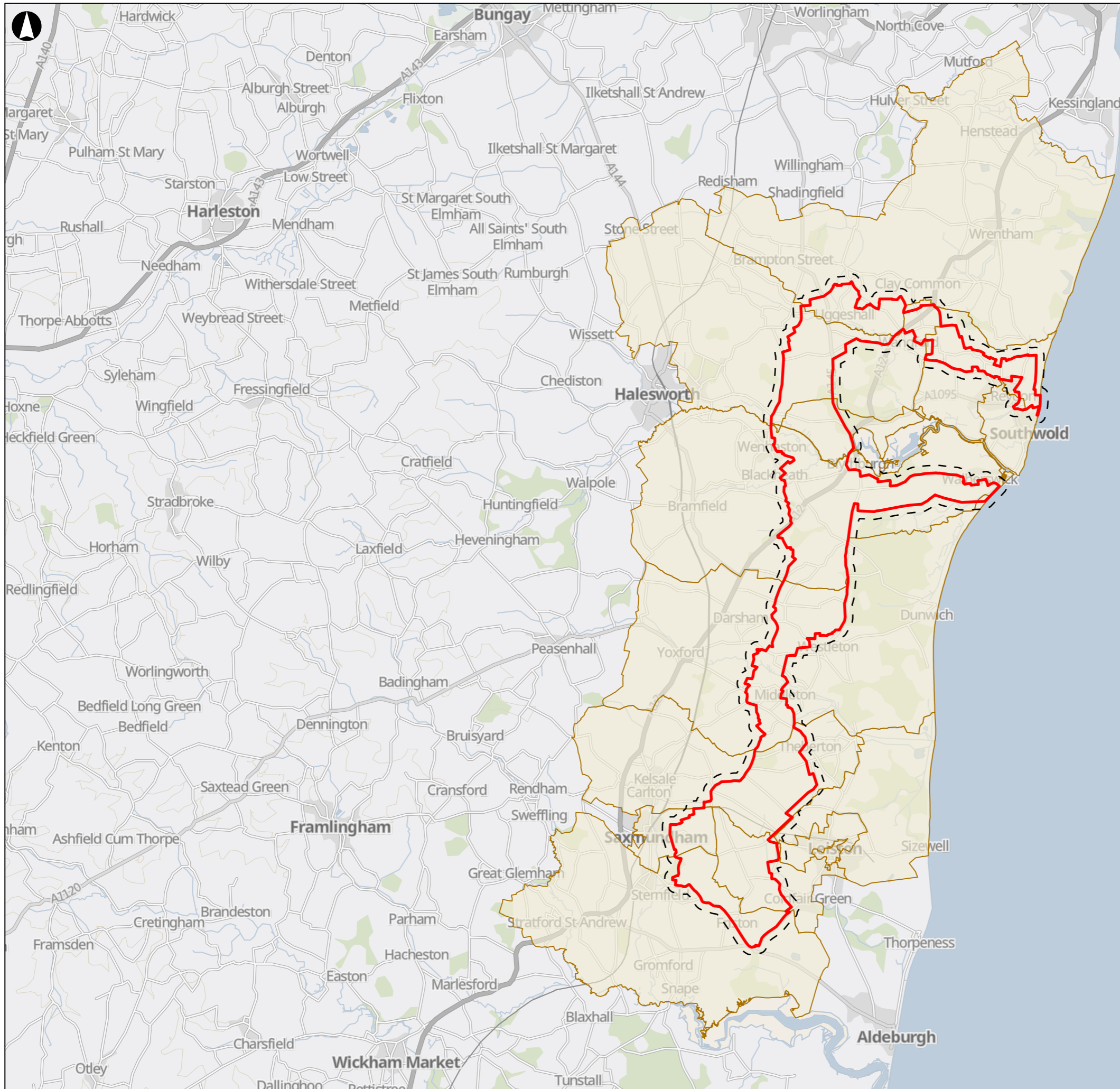
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Figure 9-3 Bedrock Geology Map

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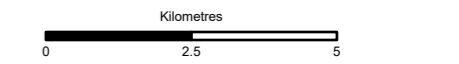
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Chapter 9. Geology and Contamination Suitability	
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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scheme Scoping Boundary 250m Buffer
- LSOA Boundaries

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Drawing Title
 Figure 10-1 Health and Wellbeing
 Study Area

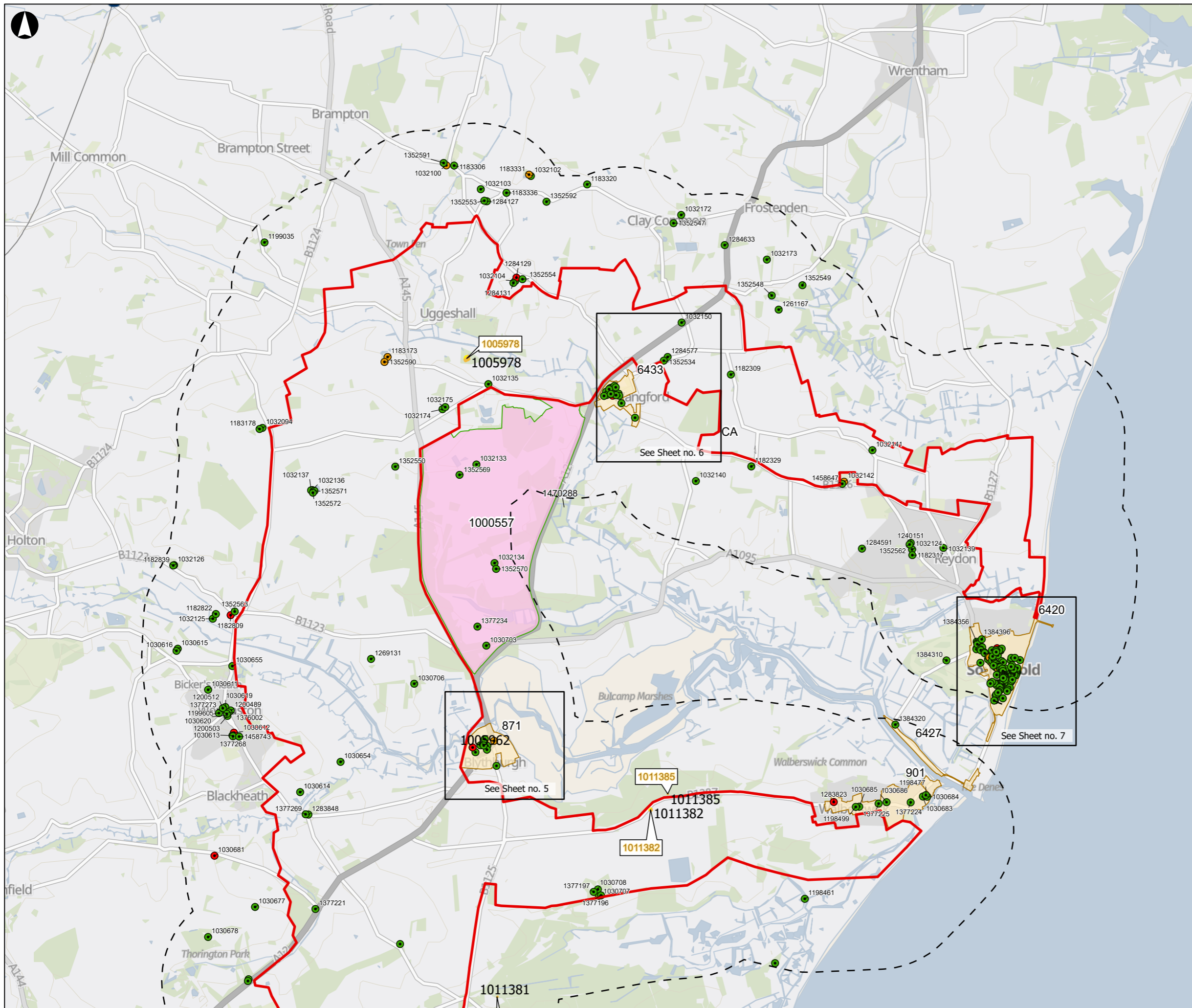
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Role
 Chapter 10. Health and Wellbeing

Suitability
 EIA Scoping Report

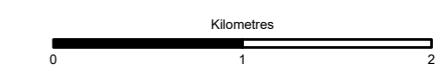
Project Number 287334-00	Rev P01
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Drawing Number
 LL-ARP-FIG-HWB-0029-P01



- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scoping Scheme Boundary 1km Buffer
- Listed Buildings**
- Grade I
- Grade II*
- Grade II
- Scheduled Monuments
- Registered Parks and Gardens
- Conservation Areas

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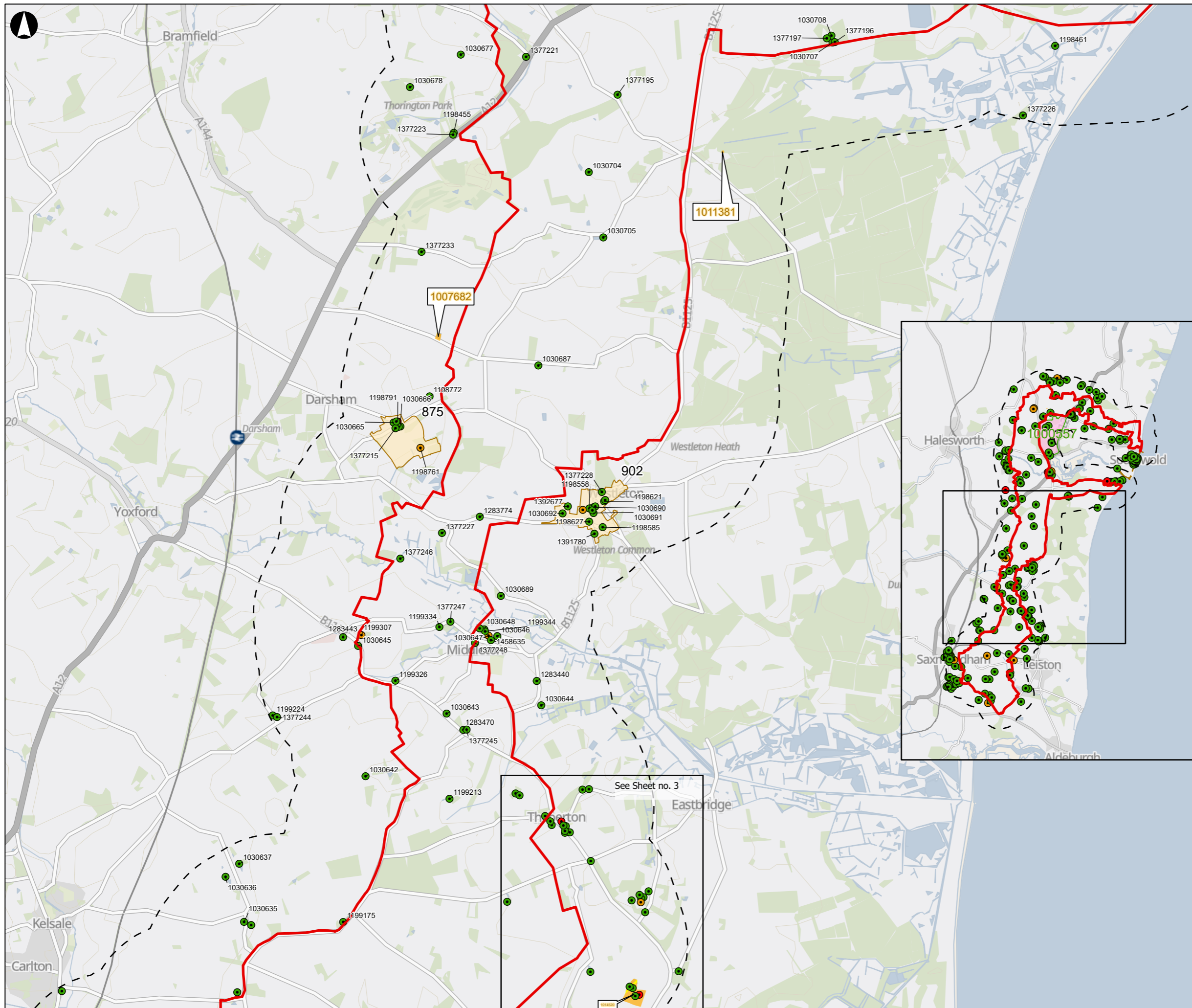
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 Figure 11-1 Historic Environment Constraints
 Sheet 1 of 8

Scale at A3
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 Suitability
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 Project Number
 287334-00
 Drawing Number
 LL-ARP-FIG-HIS-0030-P01

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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scoping Scheme Boundary 1km Buffer
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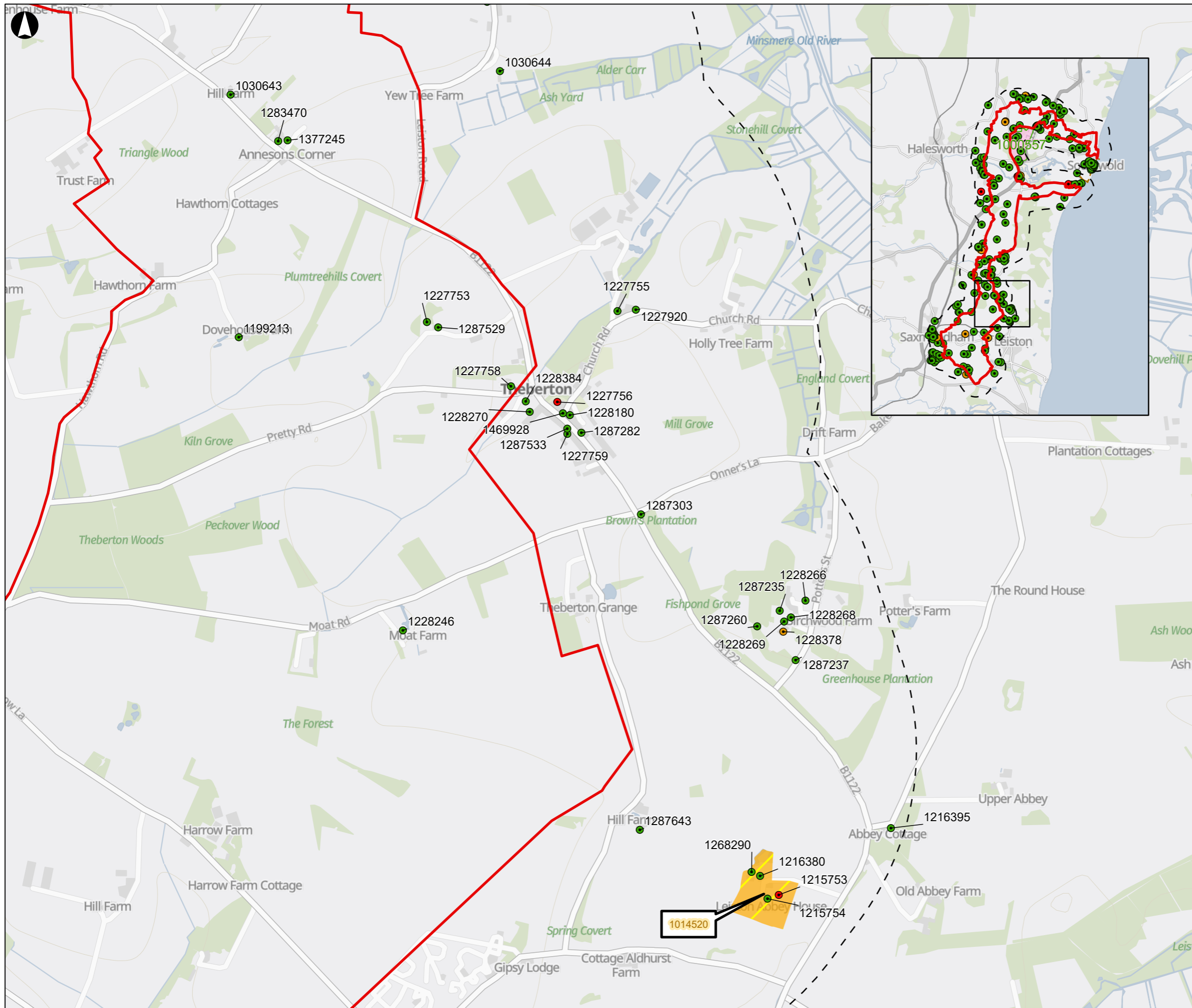
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Drawing Title
 Figure 11-1 Historic Environment
 Constraints
 Sheet 2 of 8

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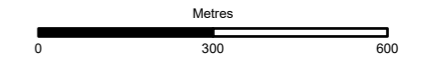
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 Chapter 11. Historic Environment
 Suitability
 EIA Scoping Report
 Project Number
 287334-00
 Drawing Number
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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scoping Scheme Boundary 1km Buffer
- Listed Buildings**
- Grade I
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- Grade II
- Scheduled Monuments

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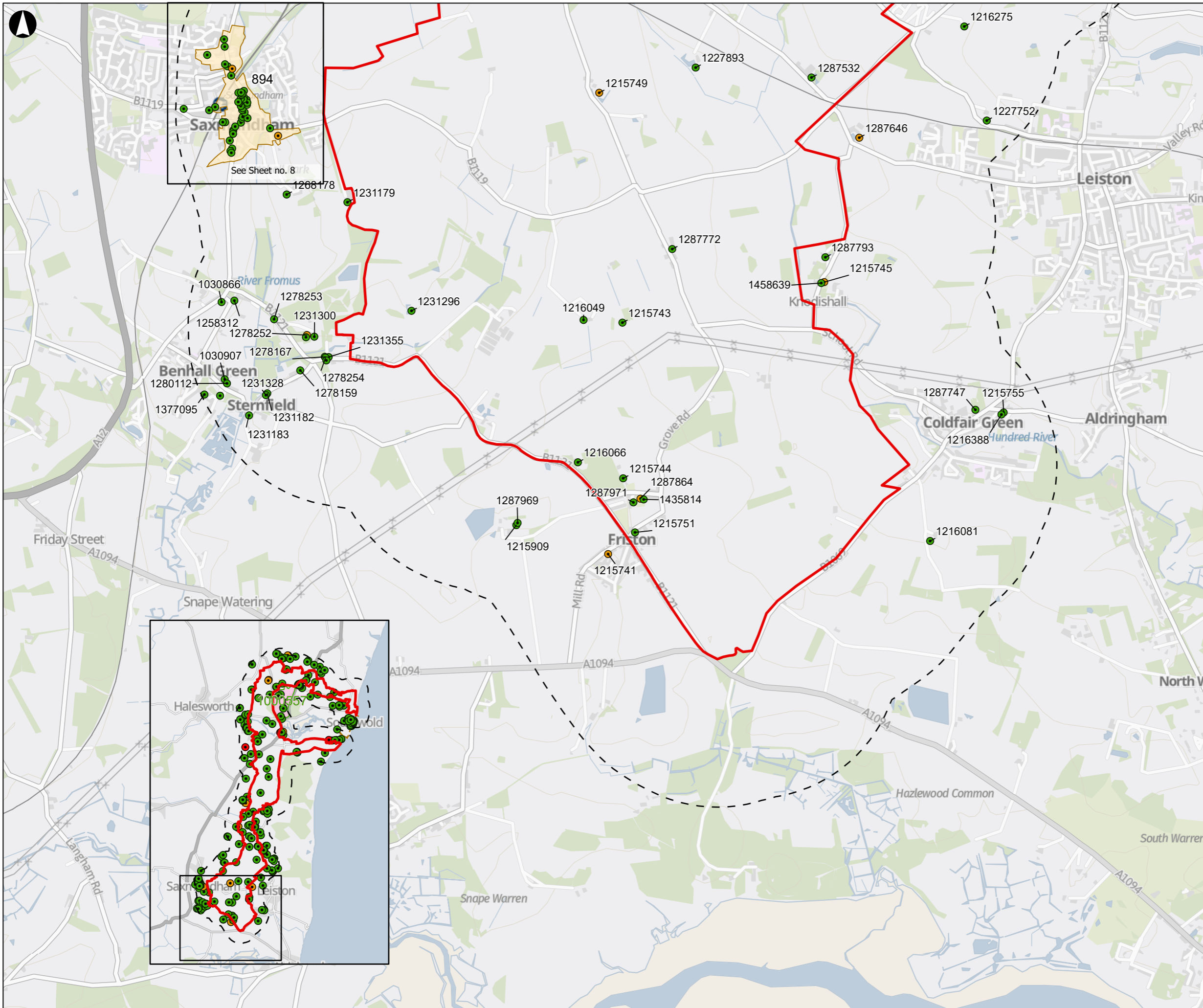
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Drawing Title
 Figure 11-1 Historic Environment
 Constraints
 Sheet 3 of 8

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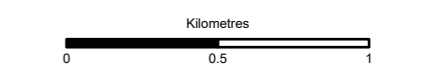
Role
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 Suitability
 EIA Scoping Report
 Project Number
 287334-00
 Drawing Number
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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scoping Scheme Boundary 1km Buffer
- Grade II*
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- Conservation Areas

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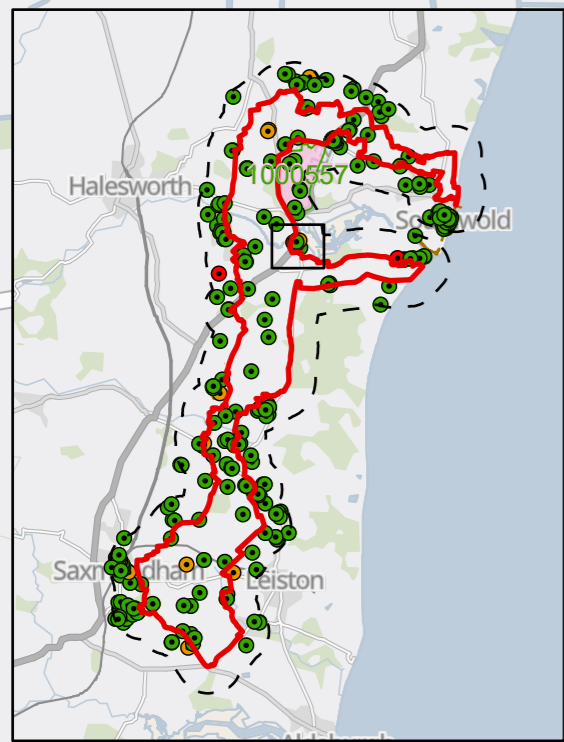
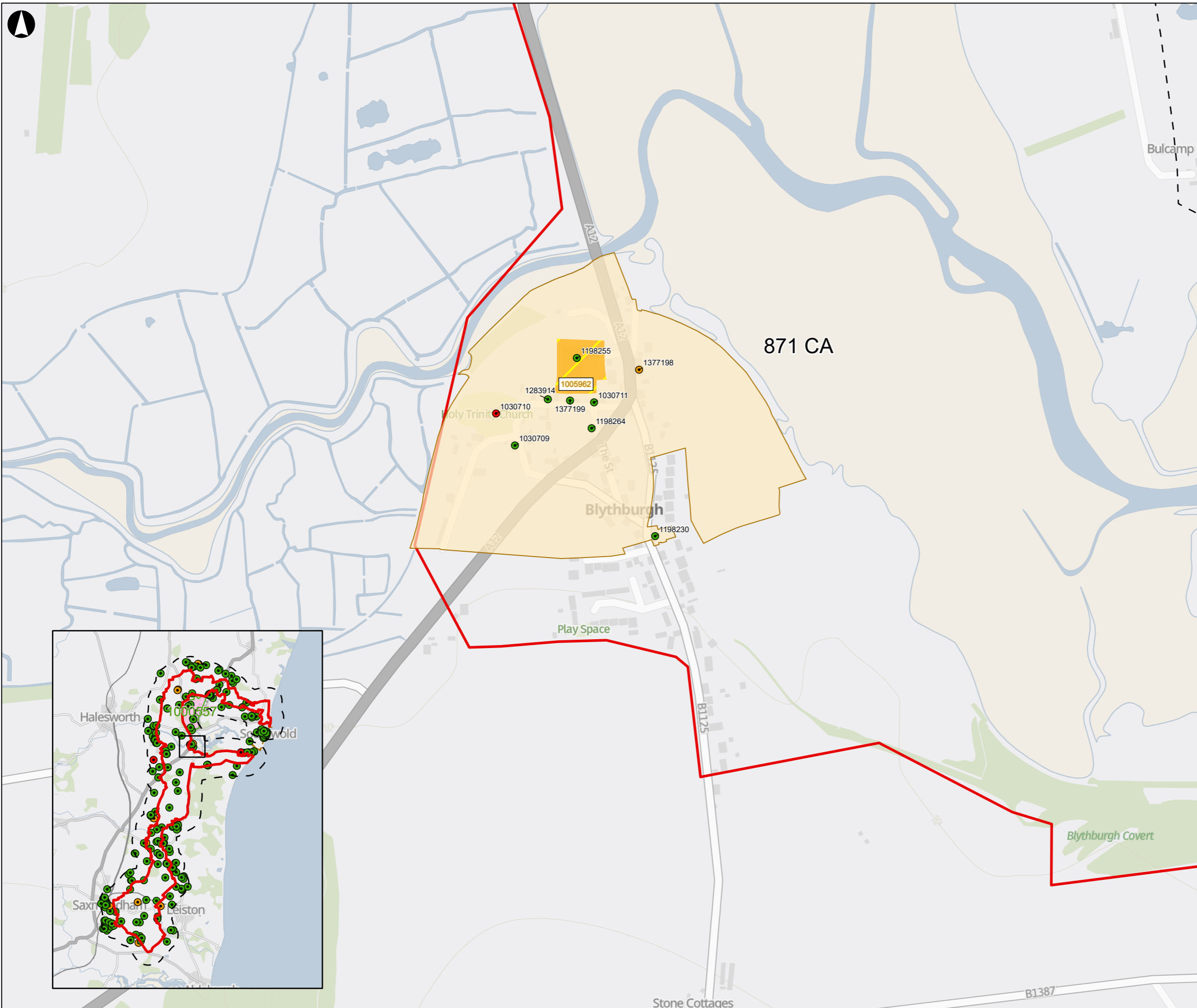
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Drawing Title
 Figure 11-1 Historic Environment Constraints
 Sheet 4 of 8

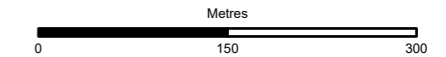
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 Role
 Chapter 11. Historic Environment
 Suitability
 EIA Scoping Report
 Project Number
 287334-00
 Drawing Number
 LL-ARP-FIG-HIS-0030-P01

Rev	P01
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- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scoping Scheme Boundary 1km Buffer
- Listed Buildings**
- Grade I
- Grade II*
- Grade II
- Scheduled Monuments
- Conservation Areas

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 Constraints
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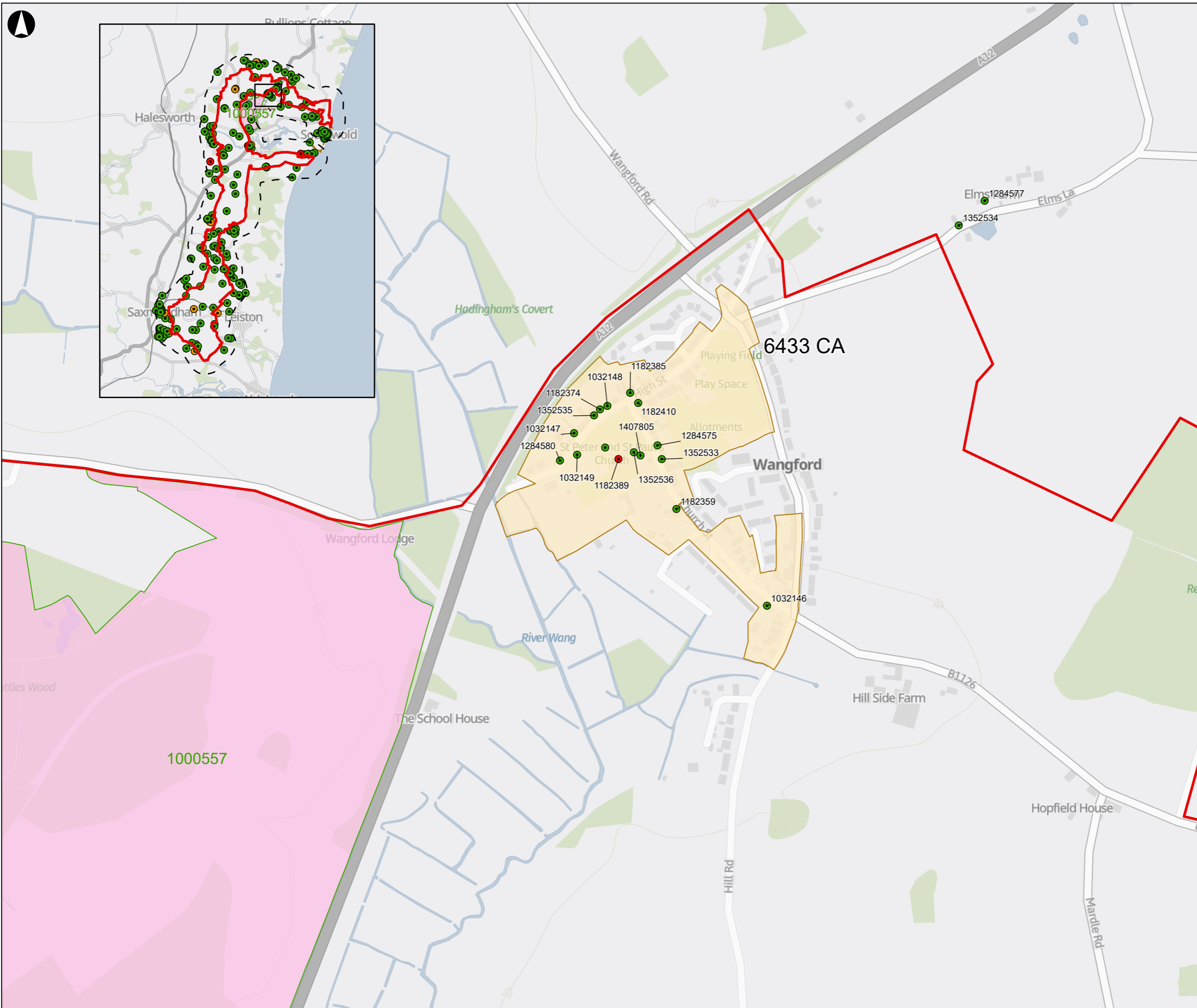
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Role
 Chapter 11. Historic Environment

Suitability
 EIA Scoping Report

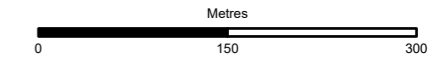
Project Number	Rev
287334-00	P01

Drawing Number
 LL-ARP-FIG-HIS-0030-P01



- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scoping Scheme Boundary 1km Buffer
- Listed Buildings**
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- Grade II*
- Grade II
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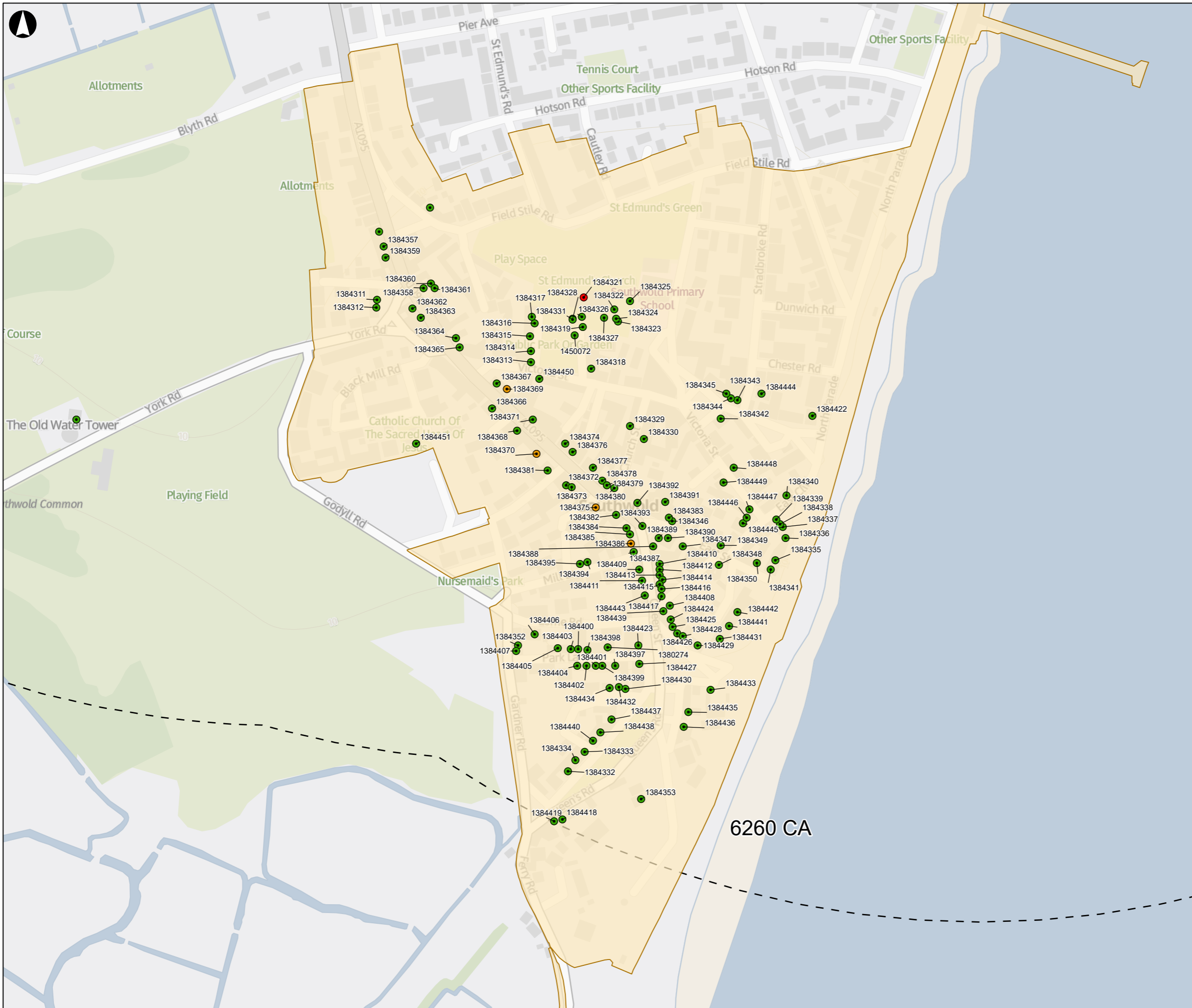
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Drawing Title
 Figure 11-1 Historic Environment
 Constraints
 Sheet 6 of 8

Scale at A3
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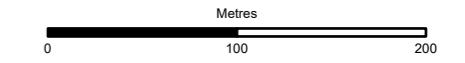
Role
 Chapter 11. Historic Environment

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Project Number	Rev
287334-00	P01
Drawing Number	
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- Proposed Onshore Scoping
- Scheme Boundary 1km Buffer
- Listed Buildings
 - Grade I
 - Grade II*
 - Grade II
- Conservation Areas

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Figure 11-1 Historic Environment
 Constraints
 Sheet 7 of 8

Scale at A3

1:4,000

Role

Chapter 11. Historic Environment

Suitability

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Project Number

287334-00

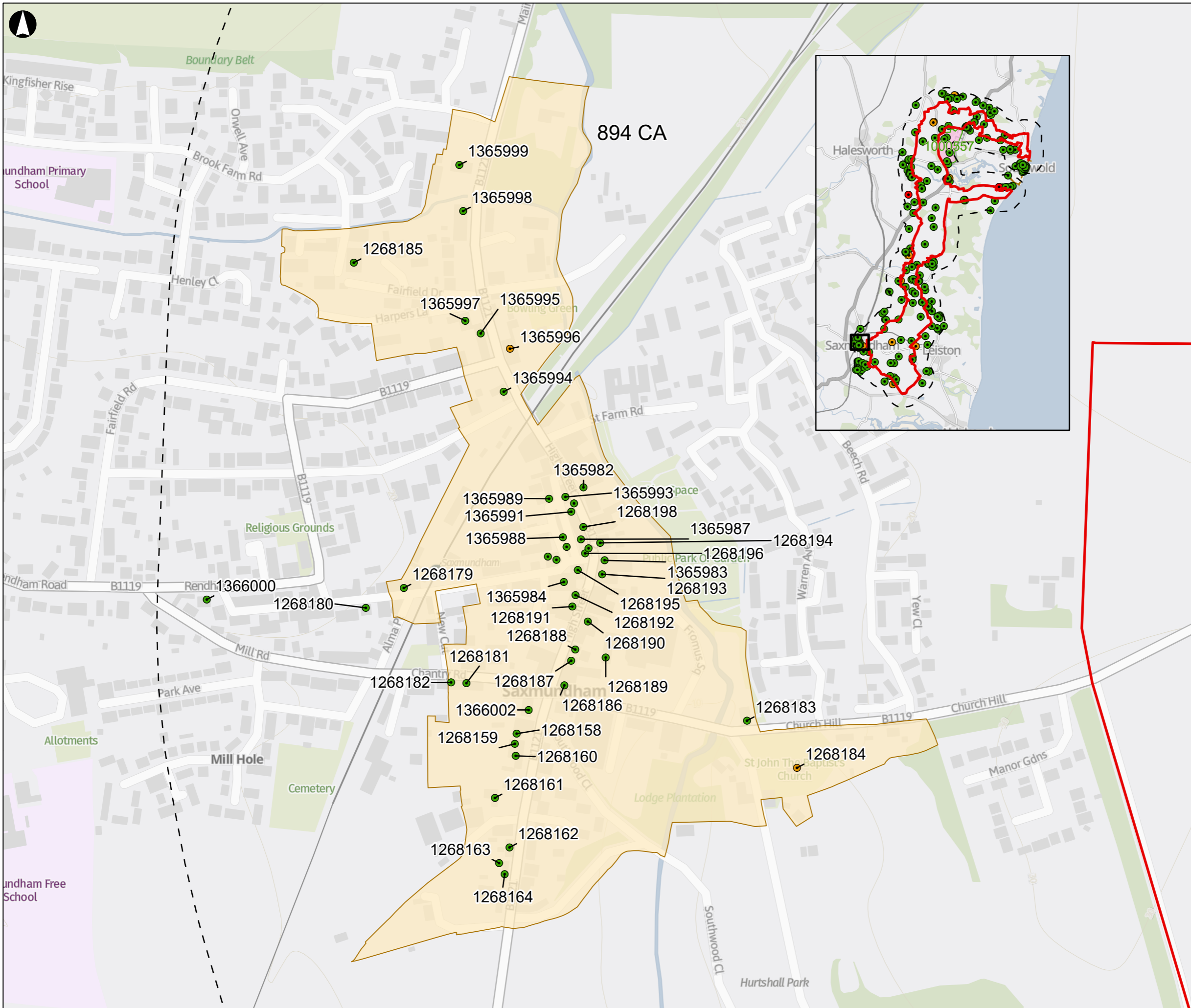
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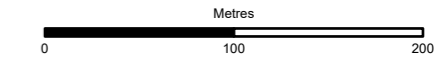
LL-ARP-FIG-HIS-0030-P01

6260 CA



- Proposed Onshore Scoping Scheme Boundary 1km Buffer
- Listed Buildings
 - Grade I
 - Grade II*
 - Grade II
- Conservation Areas

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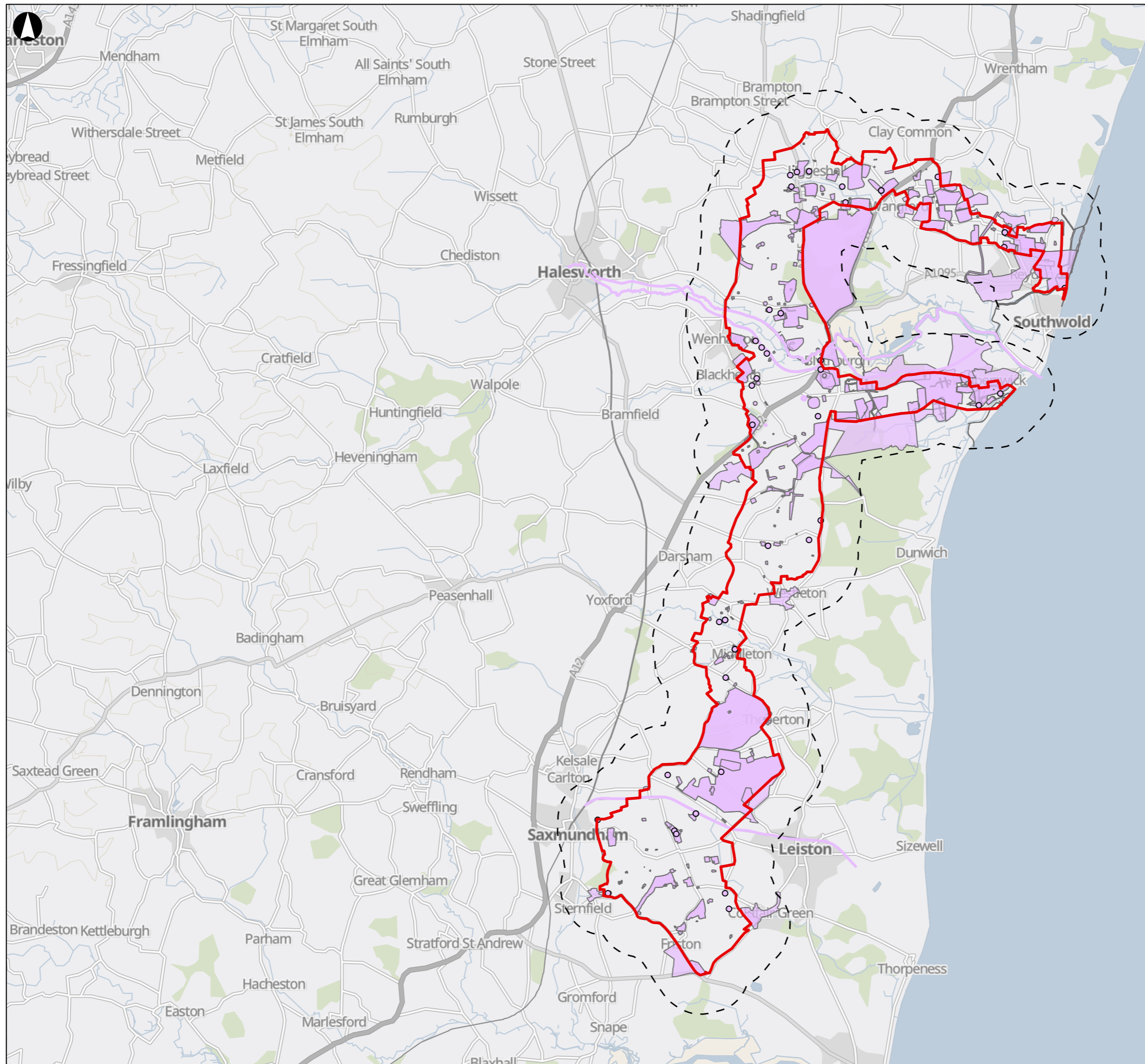
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Drawing Title
 Figure 11-1 Historic Environment Constraints
 Sheet 8 of 8

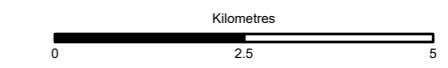
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Role
 Chapter 11. Historic Environment
 Suitability
 EIA Scoping Report
 Project Number 287334-00 Rev P01
 Drawing Number LL-ARP-FIG-HIS-0030-P01



- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scoping Scheme Boundary 1km Buffer
- Assets recorded on the Suffolk Historic Environment Record

Coordinate System: British National Grid
 Monuments data supplied by the Suffolk County Council Archaeological Service Sites and Monuments Record.
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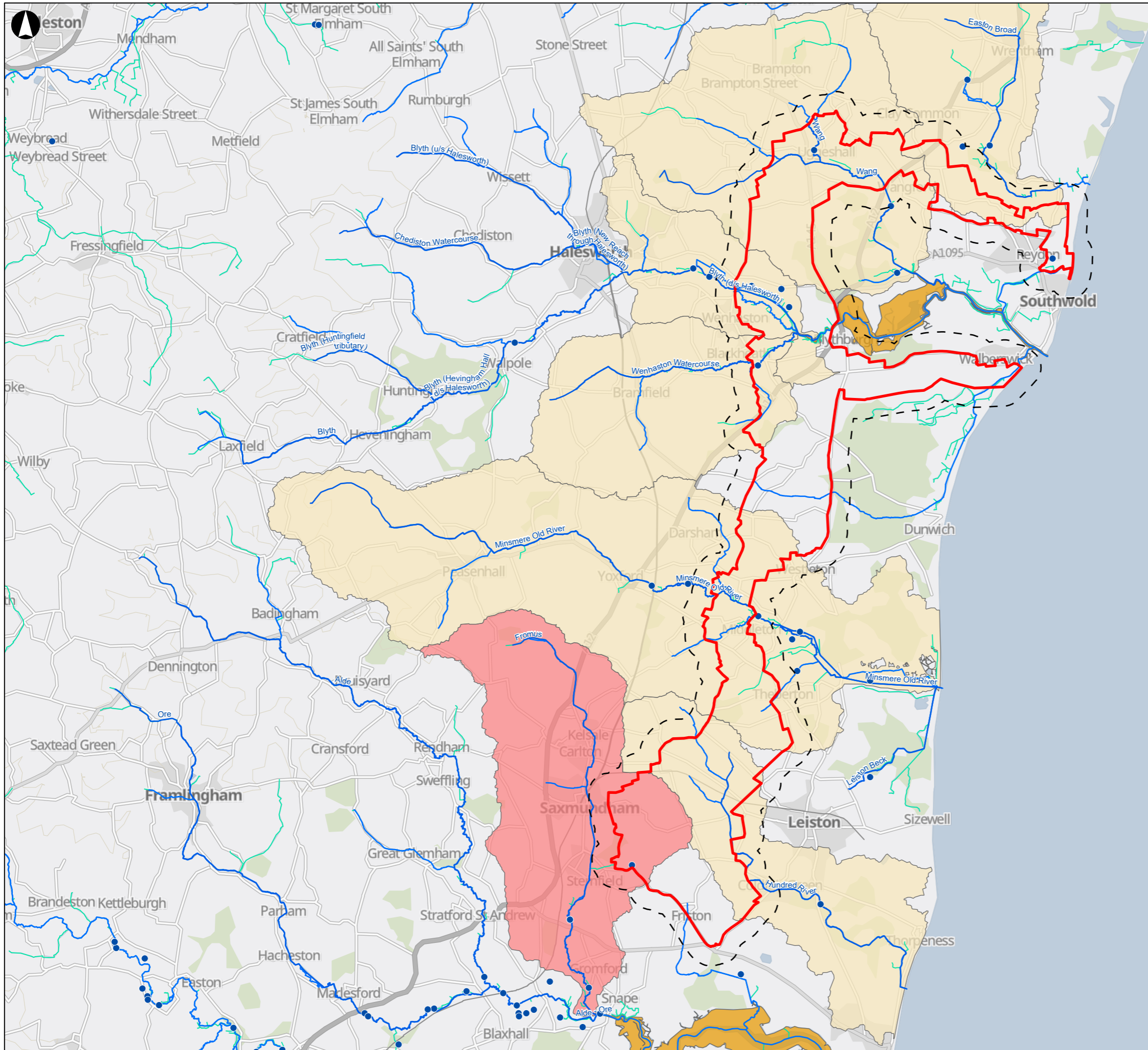
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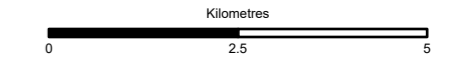
Drawing Title
 Figure 11-2 Non-Designated Heritage Assets

Scale at A3	
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Role	
Chapter 11. Historic Environment	
Suitability	
EIA Scoping Report	
Project Number	Rev
287334-00	P01
Drawing Number	
LL-ARP-FIG-HIS-0031-P01	



- Proposed Onshore Scheme Scoping Boundary
- Proposed Onshore Scheme Scoping Boundary 500m Buffer
- Surface Water Abstraction Licenses
- Minor Ordinary Watercourses
- Main Rivers
- River Water Body Catchment
- WFD Overall Status
- Moderate
- Poor
- Transitional Water Body
- WFD Overall Status
- Moderate

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Figure 12-1 Surface Water Features

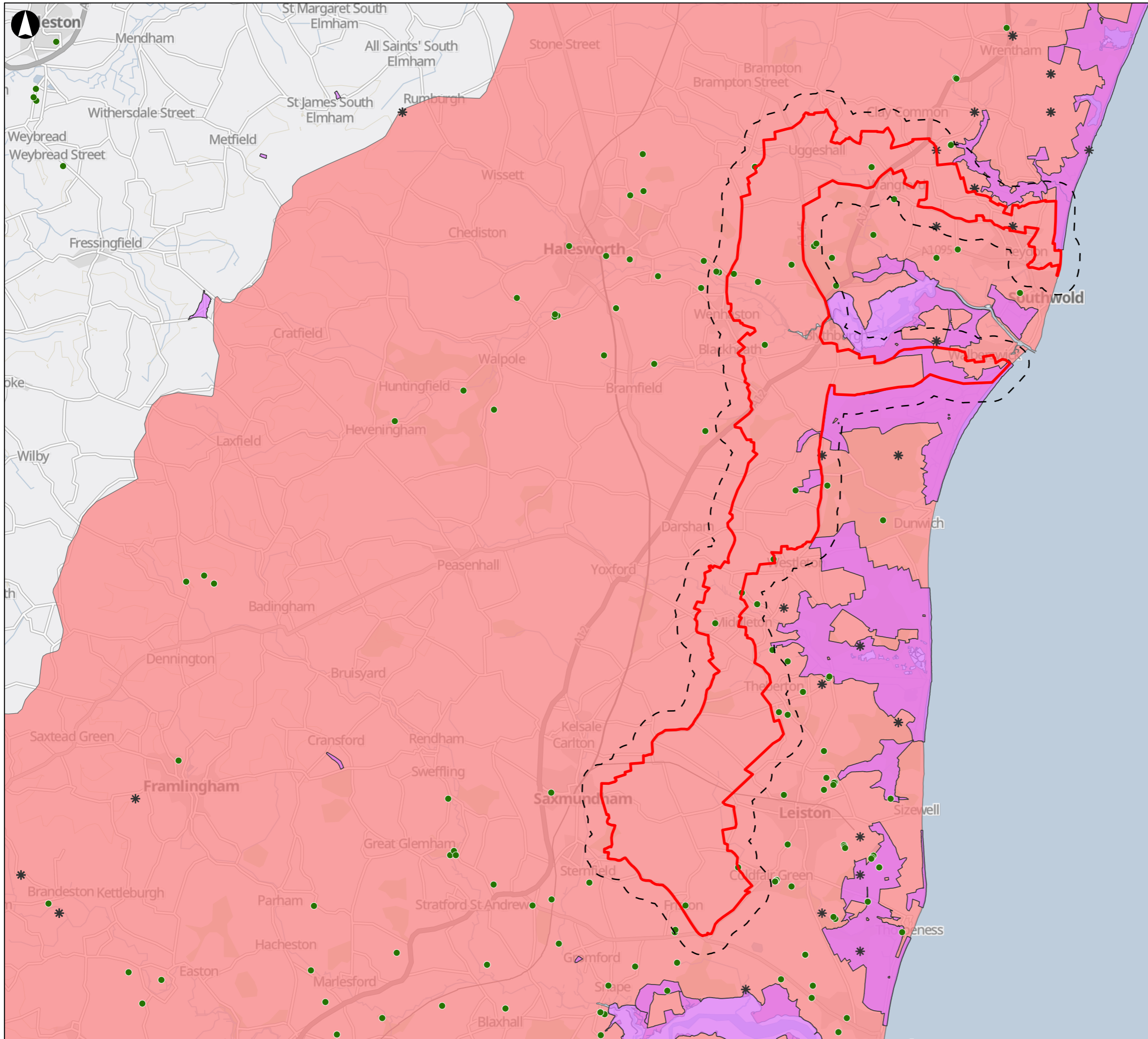
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Role
 Chapter 12. Hydrology and Drainage

Suitability
 EIA Scoping Report

Project Number 287334-00	Rev P01
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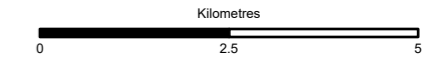
Drawing Number
 LL-ARP-FIG-HYD-0032-P01



- Proposed Onshore Scheme Scoping Boundary
 - Proposed Onshore Scheme Scoping Boundary 500m Buffer
 - Groundwater Abstraction Licenses
 - * Designated Groundwater Dependent Terrestrial Ecosystems
- Groundwater Bodies
- WFD Overall Status
- Poor
- Source Protection Zones
- Category
- Zone I
 - Zone II
 - Zone III
- Hydrometric Monitoring Points
- * Groundwater level (observation borehole)

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Figure 12-2 Groundwater Features

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Role

Chapter 12. Hydrology and Drainage

Suitability

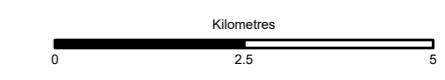
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Drawing Number LL-ARP-FIG-HYD-0033-P01	



- Proposed Onshore Scheme Scoping Boundary
 - Main Rivers
 - Flood Zone 2
 - Flood Zone 3
- Risk of Flooding from Surface Water
- Low
 - Moderate
 - Significant
 - Extreme

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Drawing Title
 Figure 12-3 Flood Risk

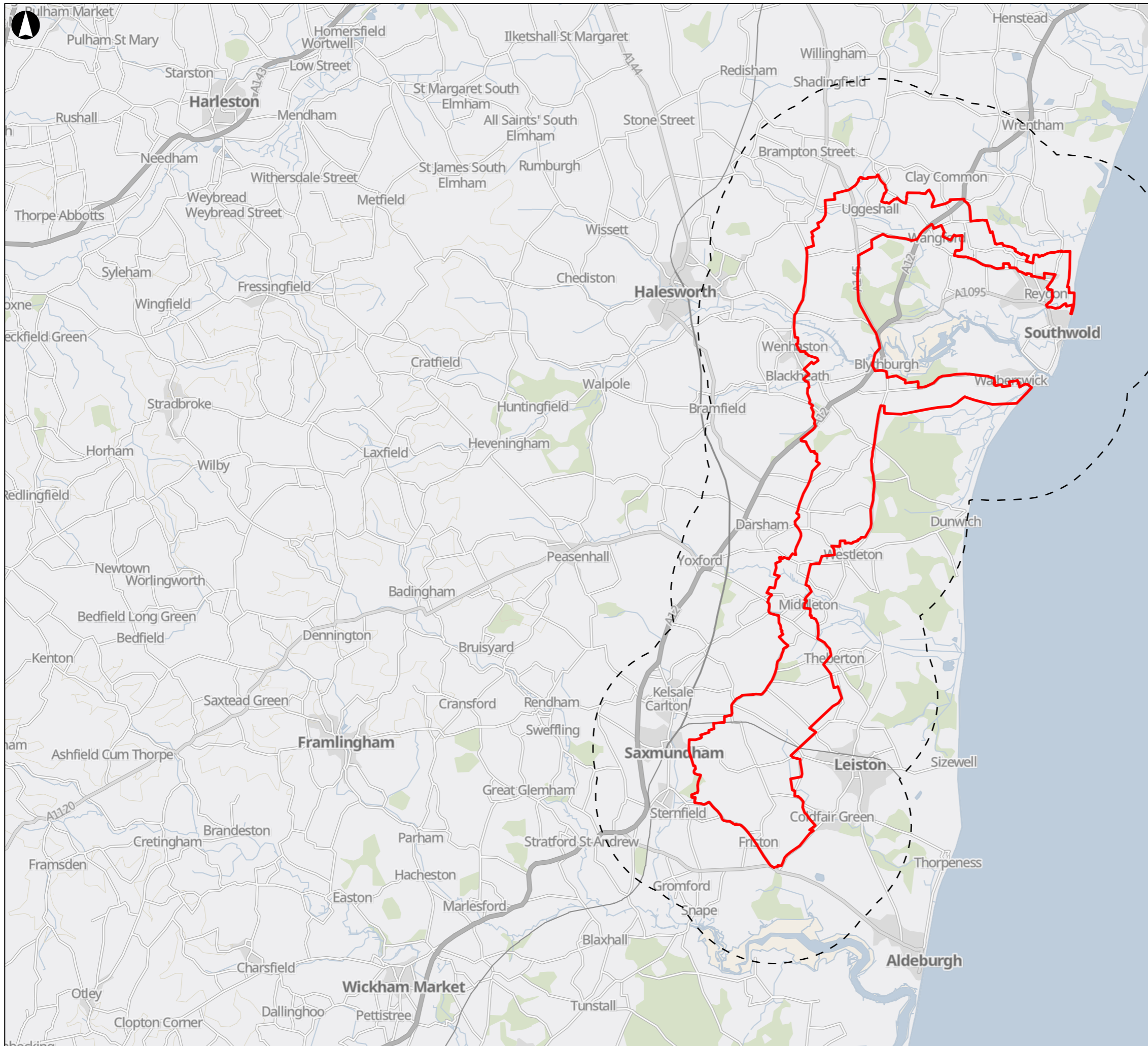
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Role
 Chapter 12. Hydrology and Drainage

Suitability
 EIA Scoping Report

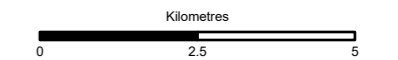
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- Proposed Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area (3km Buffer)

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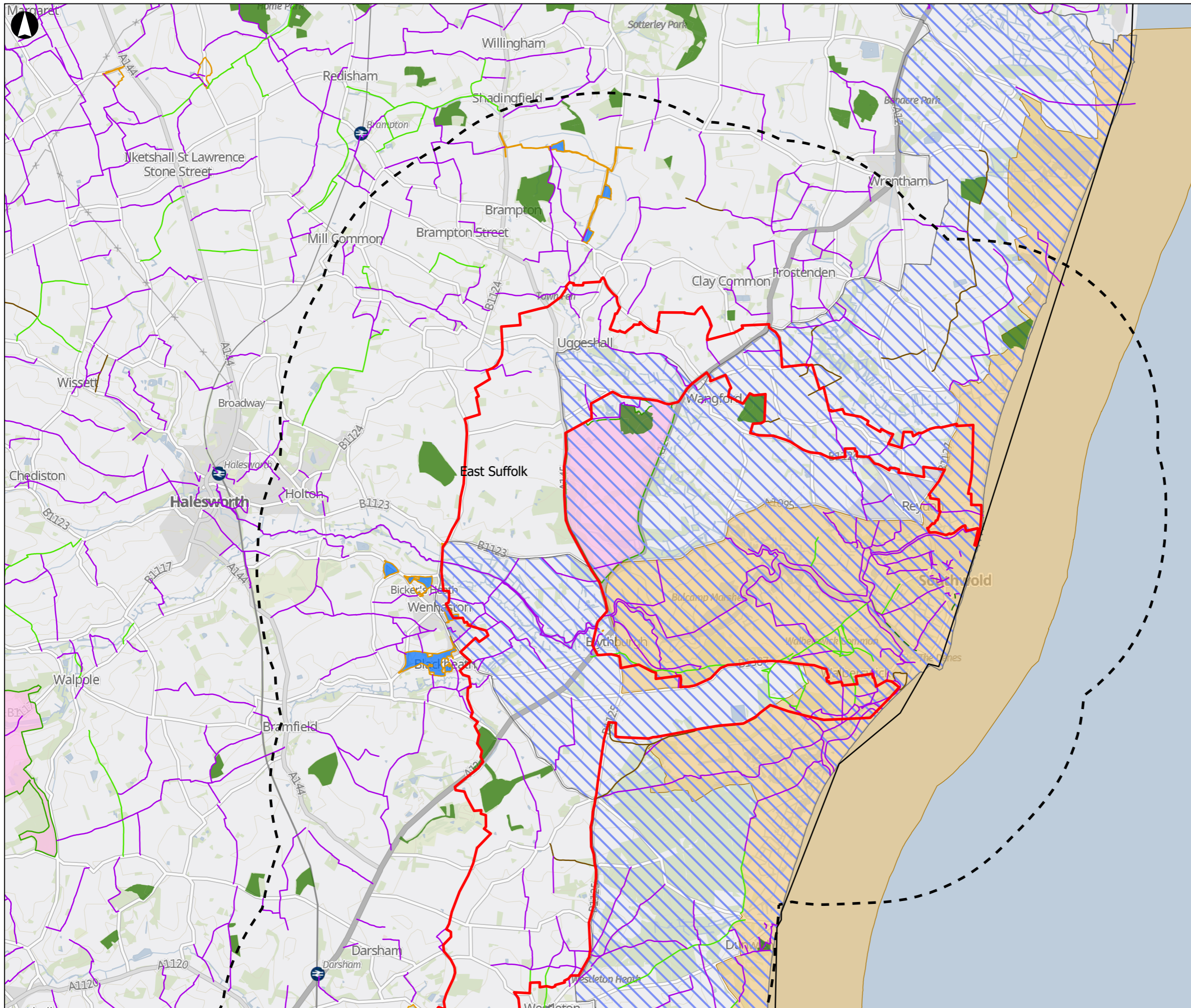
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 Figure 13-1 Landscape and Visual
 Study Area

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Role
 Chapter 13. Landscape and Visual
 Suitability
 EIA Scoping Report

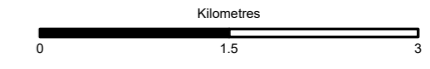
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Drawing Number
 LL-ARP-FIG-LVI-0035-P01



- Proposed Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area (3km Buffer)
- Local Authority Boundary
- Landscape Designations**
- Ancient Woodland
- Heritage Coast
- National Landscapes
- Registered Parks and Gardens
- Registered Common Land
- Countryside and Rights of Way Act 2000, Section 15 Land
- Public Rights Of Way East Suffolk**
- Byway Open to All Traffic
- Bridleway
- Footpath
- Restricted Byway

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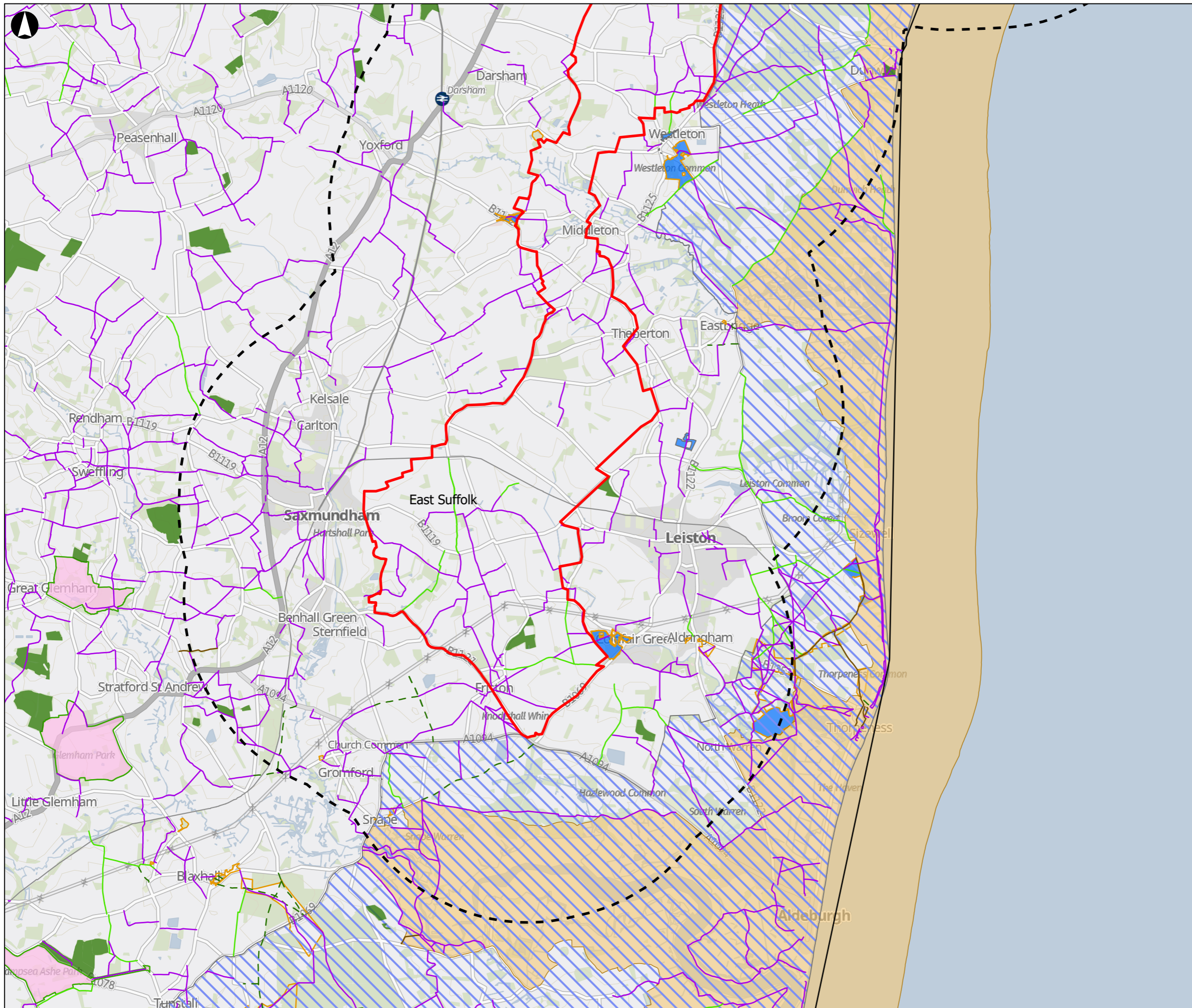
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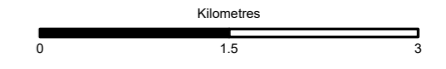
Drawing Title
 Figure 13-2 Landscape Designations
 Page 1 of 2

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 Role
 Chapter 13. Landscape and Visual
 Suitability
 EIA Scoping Report
 Project Number
 287334-00
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 LL-ARP-FIG-LVI-0036-P01
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- Proposed Onshore Scheme Scoping Boundary
- Landscape and Visual Study Area (3km Buffer)
- Local Authority Boundary
- Landscape Designations**
- Ancient Woodland
- Heritage Coast
- National Landscapes
- Registered Parks and Gardens
- Registered Common Land
- Countryside and Rights of Way Act 2000, Section 15 Land
- Public Rights Of Way East Suffolk**
- Byway Open to All Traffic
- Bridleway
- Footpath
- Restricted Byway

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Figure 13-2 Landscape Designations

Page 2 of 2

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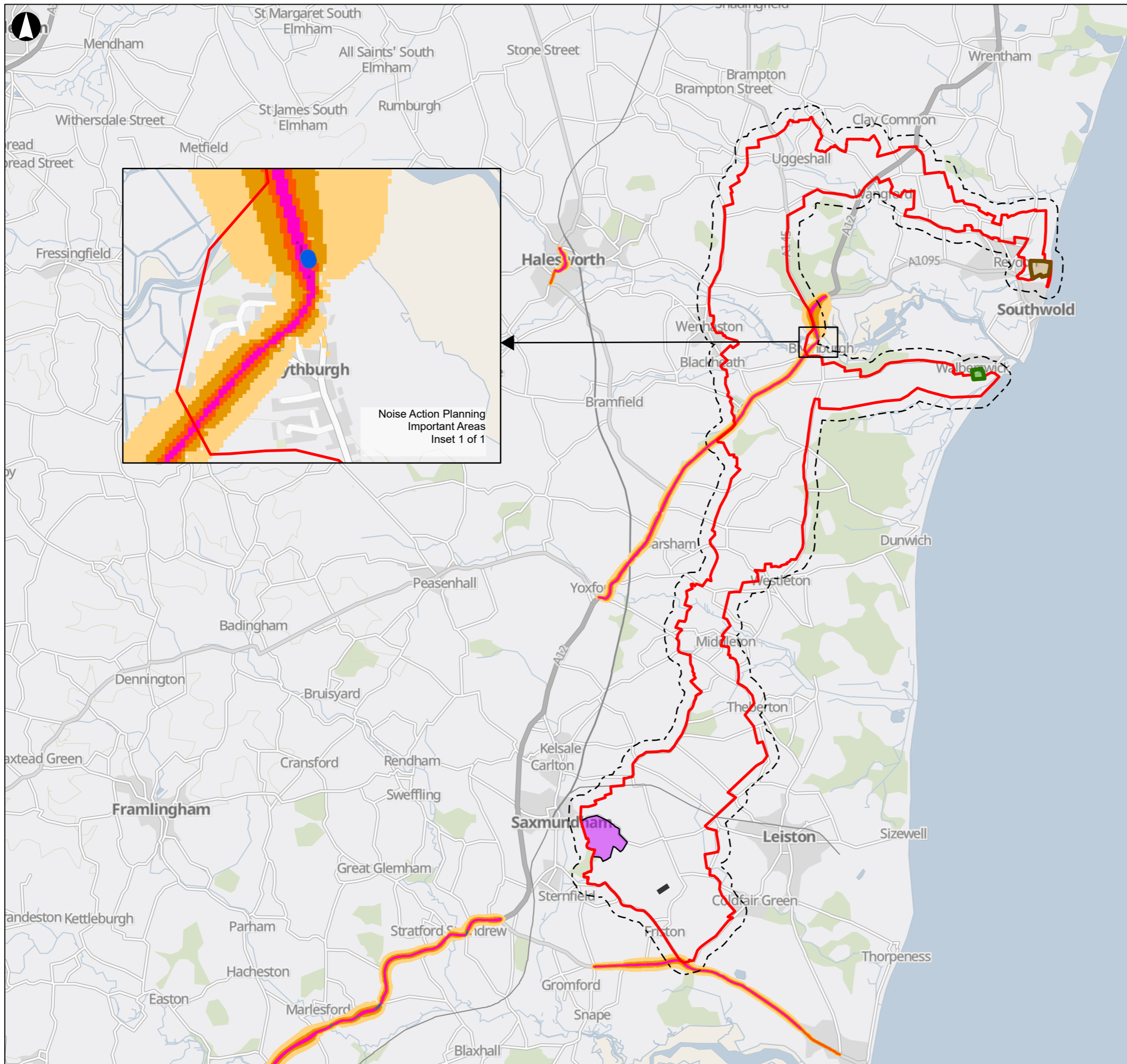
Role

Chapter 13. Landscape and Visual

Suitability

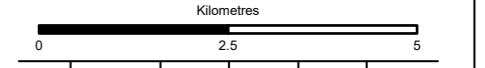
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287334-00	P02
Drawing Number	
LL-ARP-FIG-LVI-0036-P02	



- Proposed Onshore Scheme Scoping Boundary
 - Construction Noise Study Area
 - Converter Station - Site 3
 - Proposed Southwold Landfall (F)
 - Proposed Walberswick Landfall (G 2)
 - Friston Substation
 - Noise Action Planning Important Areas
- Road Noise Lden England Round 3
(24 hour annual average noise level)
- 75+ dB(A)
 - 70.0-74.9 dB(A)
 - 65.0-69.9 dB(A)
 - 60.0-64.9 dB(A)
 - 55.0-59.9 dB(A)

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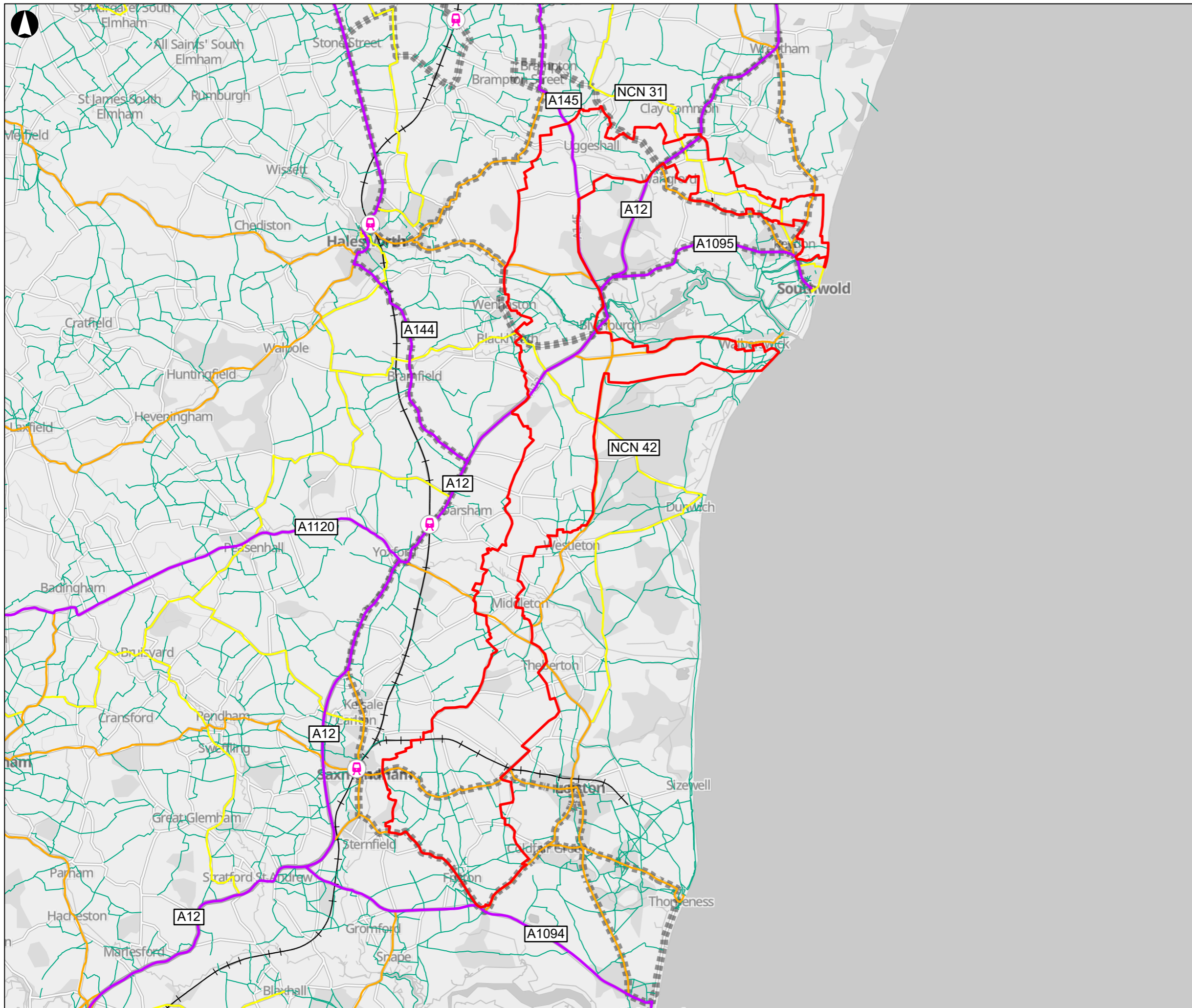
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 Figure 14-1 Noise and Vibration
 Constraints

Scale at A3
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Role
 Chapter 14. Noise and Vibration

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Drawing Number LL-ARP-FIG-NSV-0037-P01	



- Proposed Onshore Scheme Scoping Boundary
- A Roads
- B Roads
- Railway
- National Cycle Network
- Public Rights Of Way
- R Railway Station
- Bus Route

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 Figure 15-1 Baseline Transport Network

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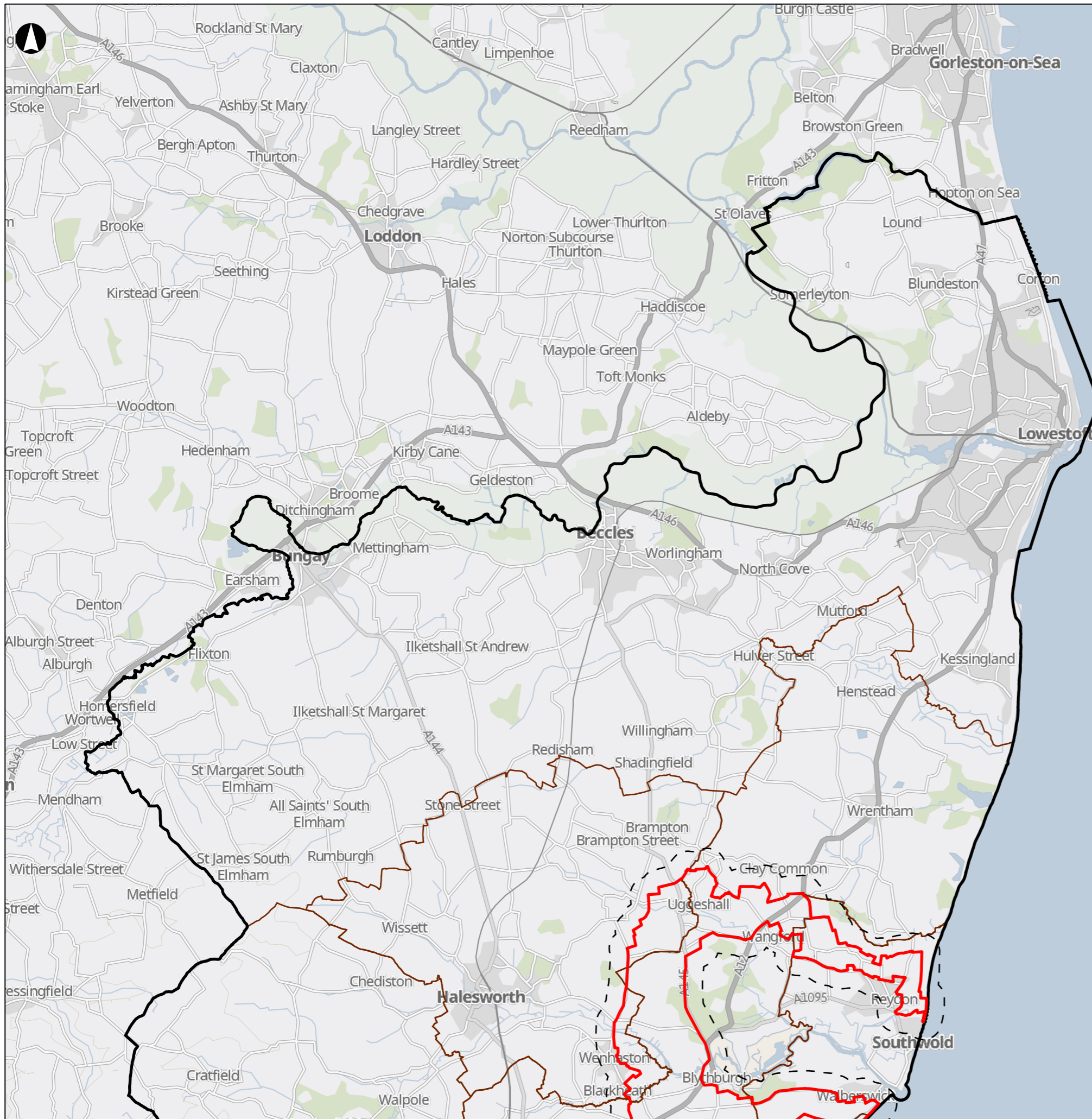
Role
 Chapter 15. Traffic and Transport

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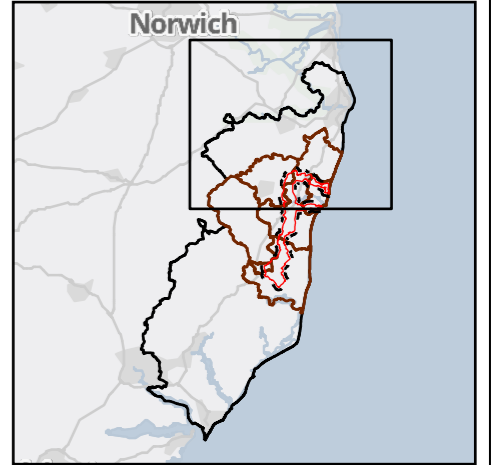
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Rev
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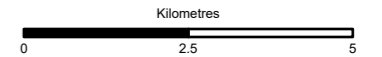
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- Proposed Onshore Scheme
- Scoping Boundary
- Local Study Area
- Labour Market Study Area
- Local Authority Wards



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Figure 16-1 Socio-Economic
 Study Area
 Page 1 of 3

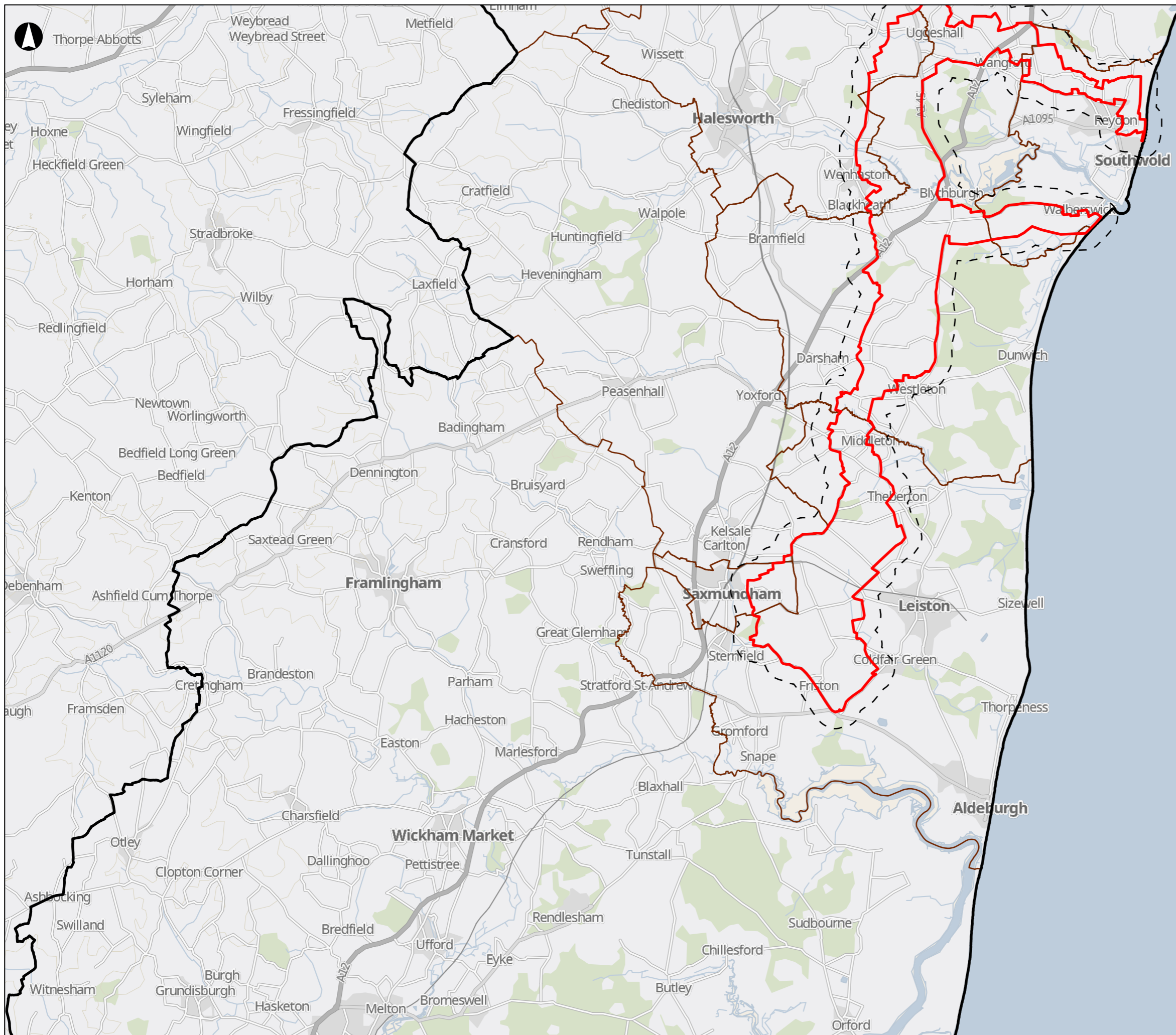
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 Recreation and Tourism

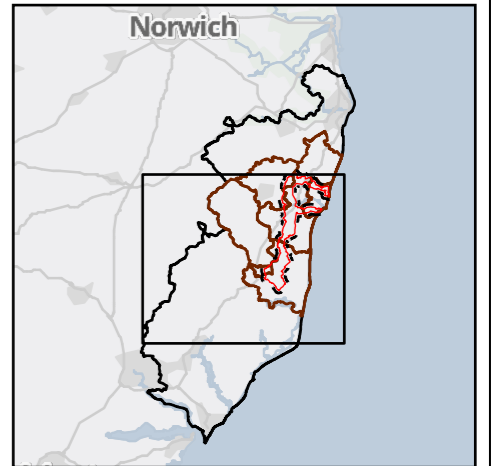
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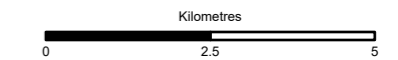
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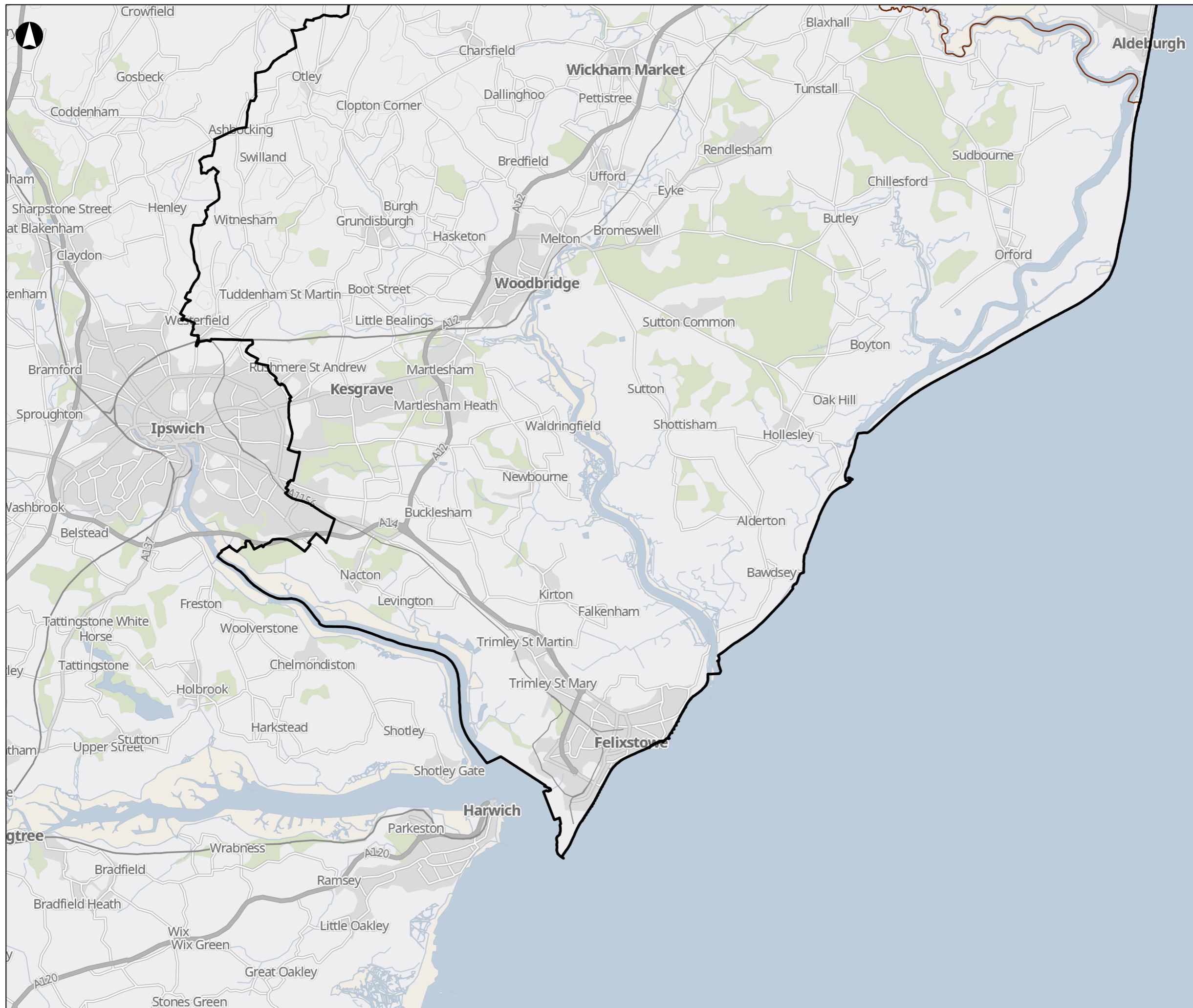
Figure 16-1 Socio-Economic
 Study Area
 Page 2 of 3

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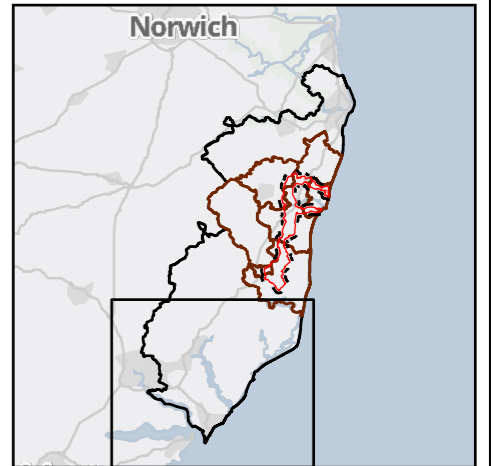
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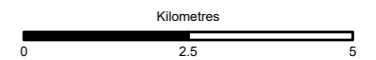
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- Proposed Onshore Scheme
- Scoping Boundary
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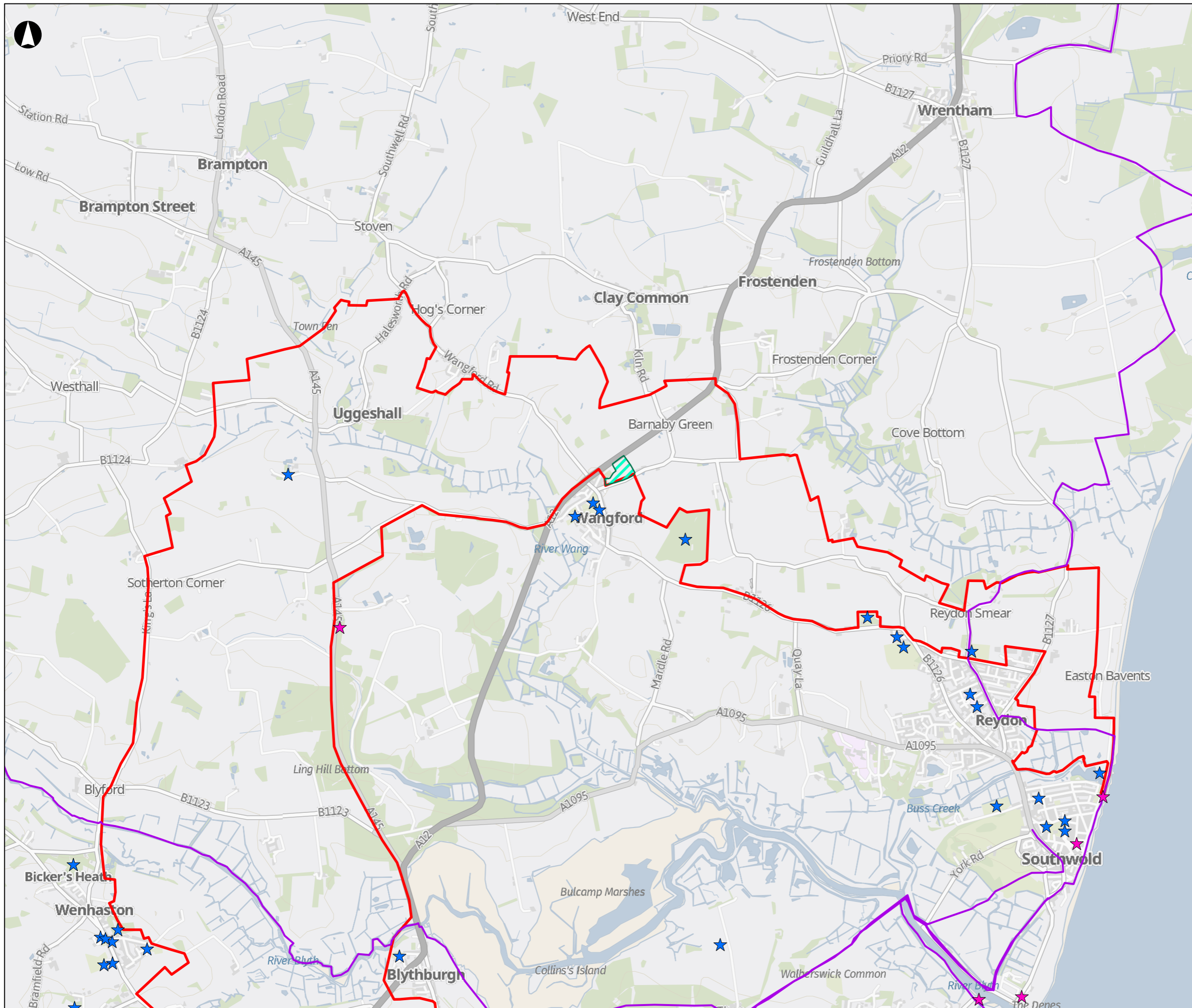
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 Study Area
 Page 3 of 3

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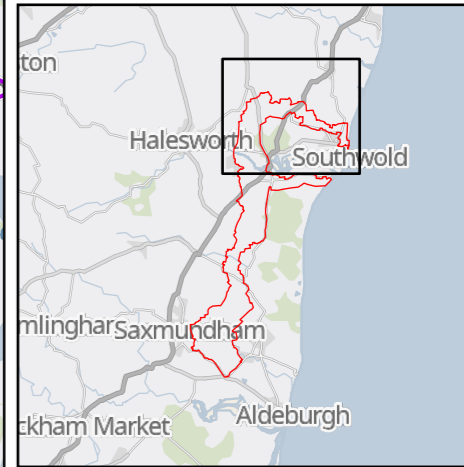
Role Chapter 16. Socio-economics,
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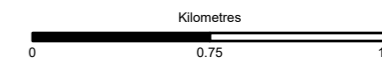
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- Proposed Onshore Scheme Scoping Boundary
- Existing community, recreational and tourism facilities
- ★ Community facilities and open space
- ★ Visitor attractions
- Promoted recreational route
- Housing Allocation



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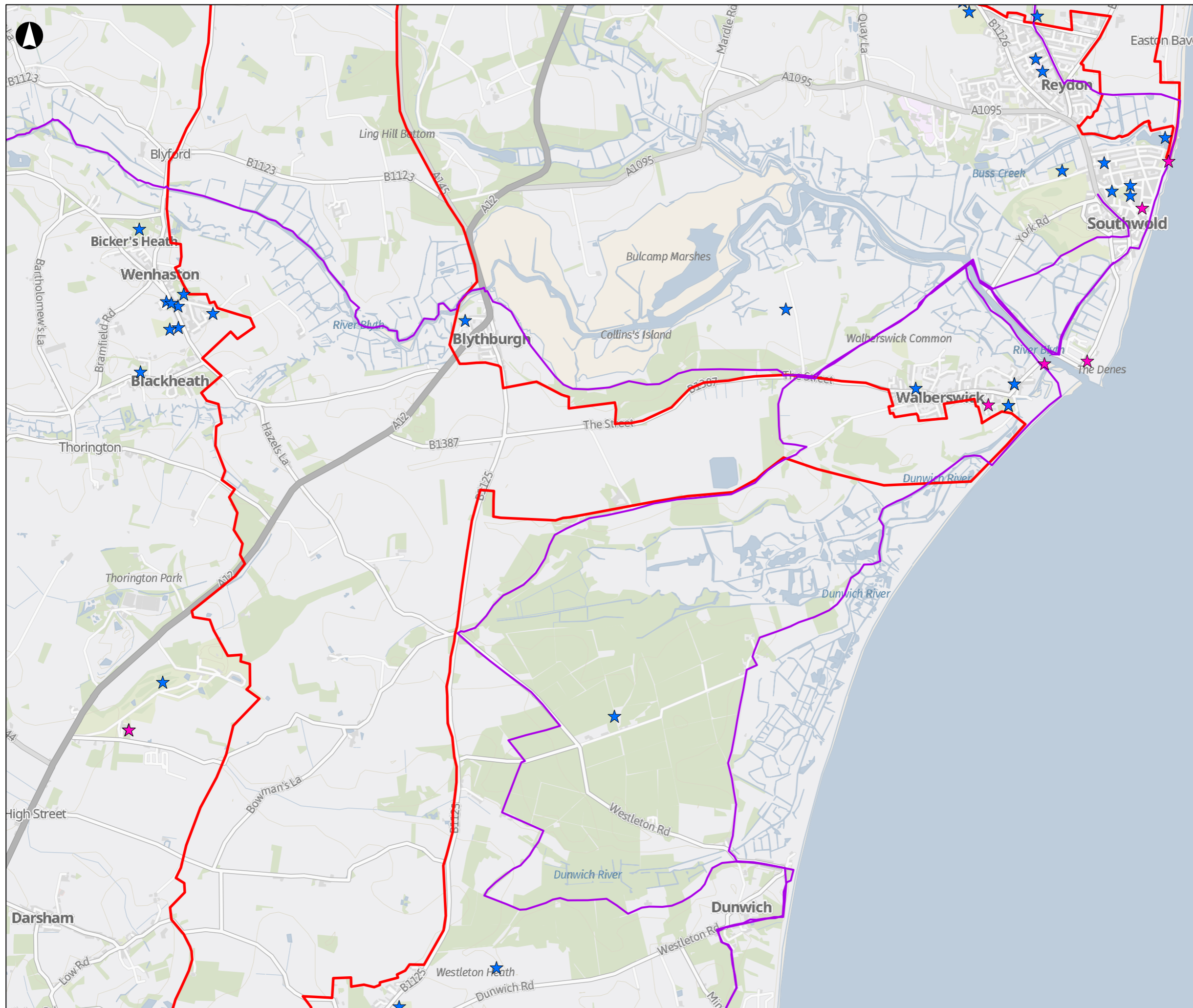
Figure 16-2 Recreational and Community Receptors
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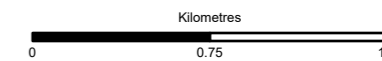
Project Number 287334-00	Rev P02
Drawing Number LL-ARP-FIG-ECO-0010-P02	



- Proposed Onshore Scheme Scoping Boundary
- Existing community, recreational and tourism facilities
- ★ Community facilities and open space
- ★ Visitor attractions
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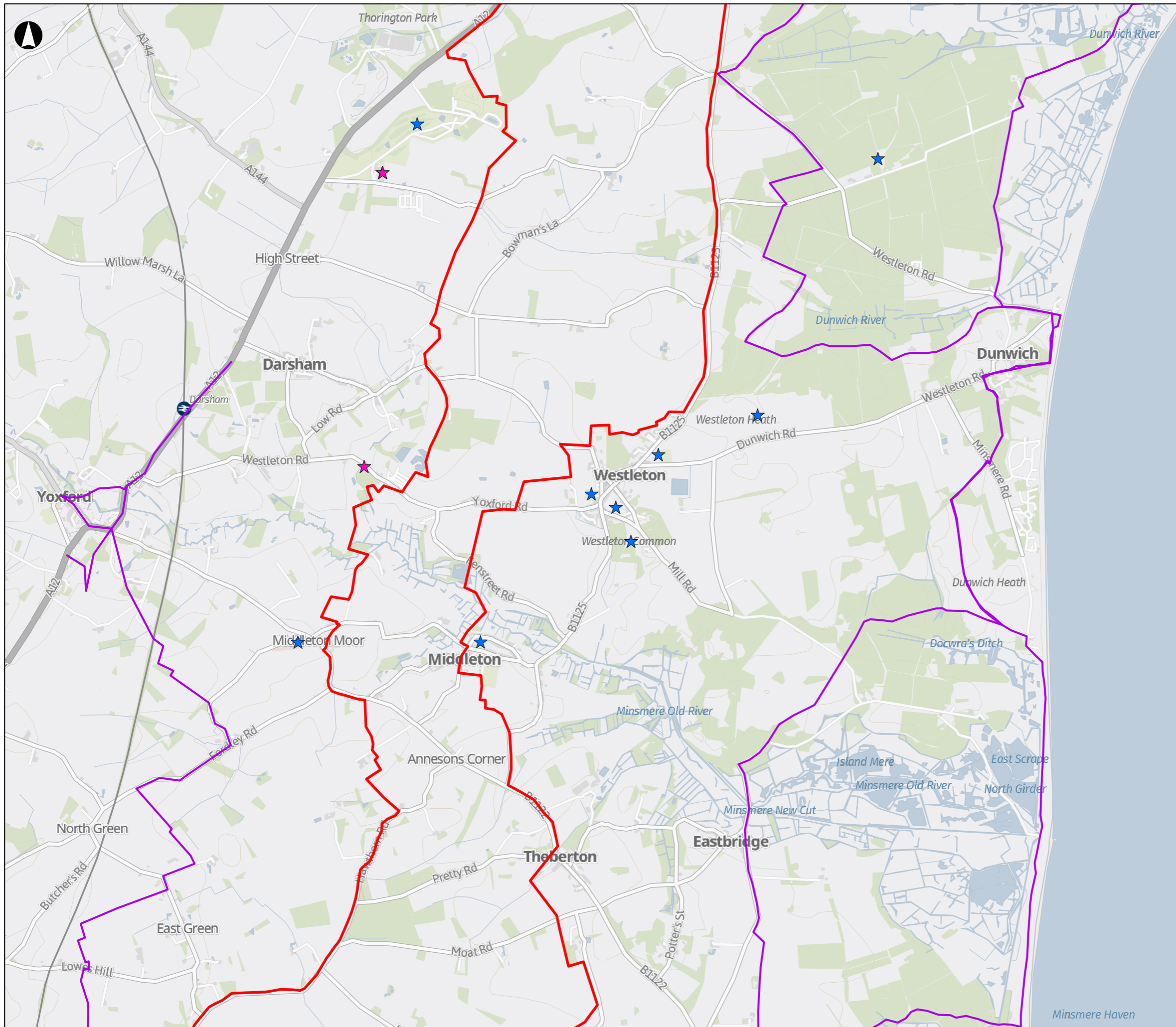
Figure 16-2 Recreational and
 Community Receptors
 Page 2 of 4

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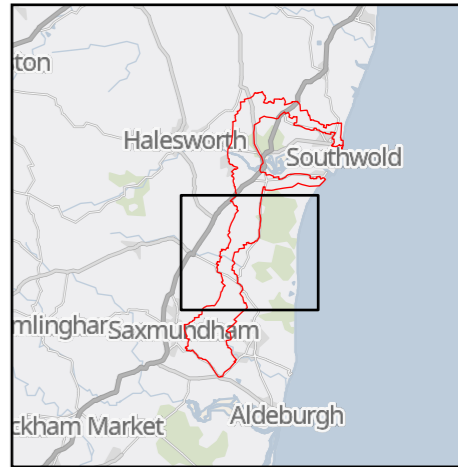
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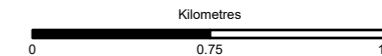
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Drawing Number LL-ARP-FIG-ECO-0010-P02	



- Proposed Onshore Scheme Scoping Boundary
- Existing community, recreational and tourism facilities
- ★ Community facilities and open space
- ★ Visitor attractions
- Promoted recreational route
- Housing Allocation



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Figure 16-2 Recreational and Community Receptors
 Page 3 of 4

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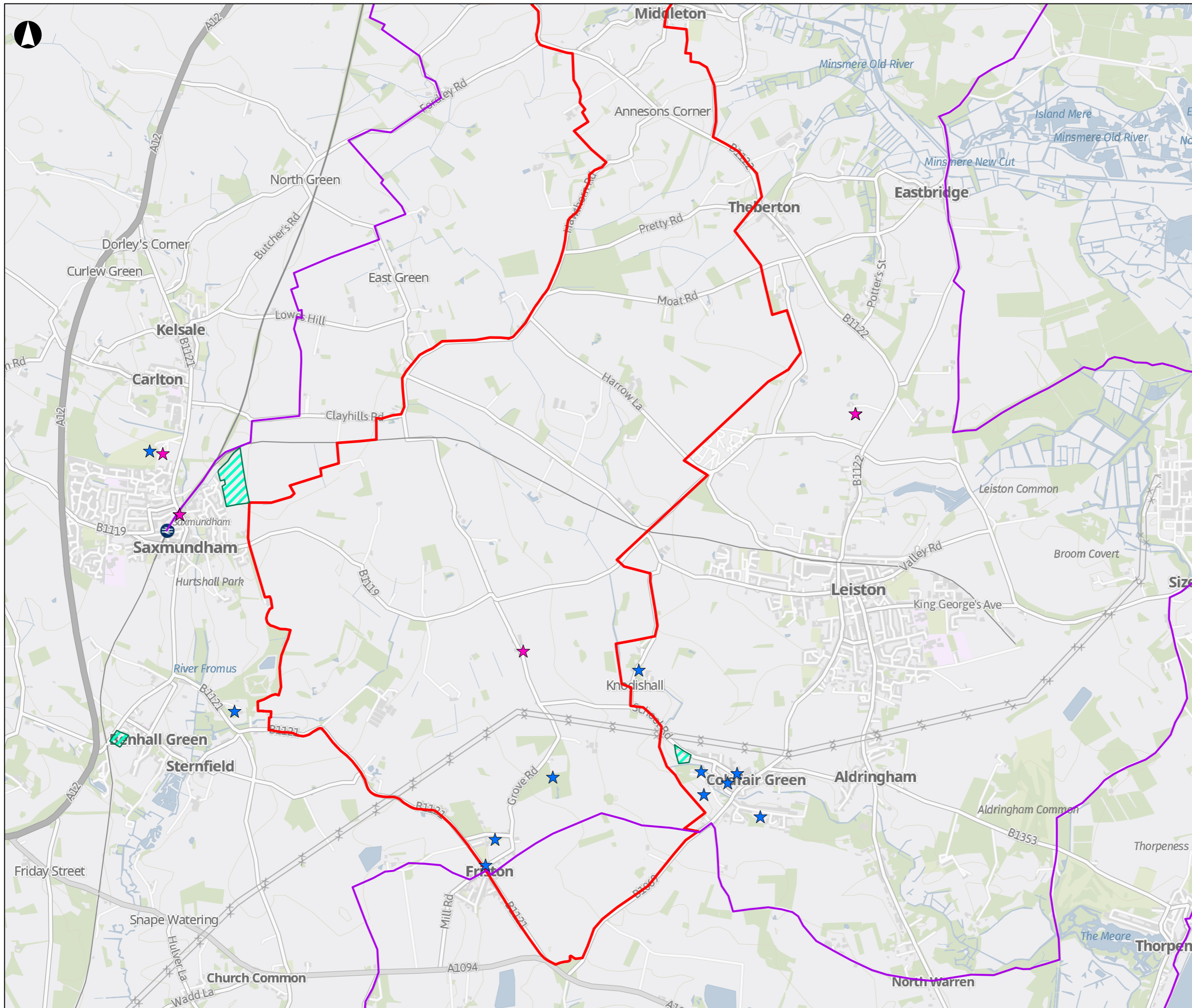
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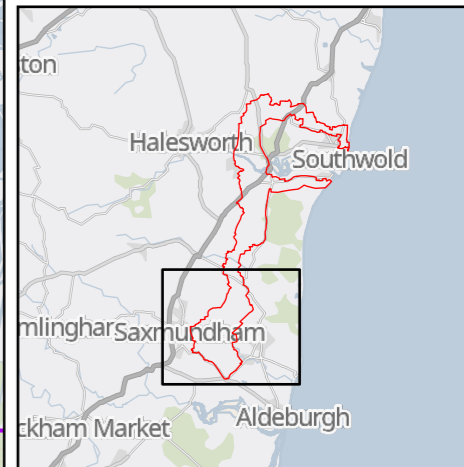
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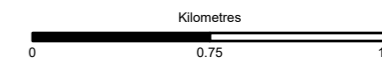
Drawing Number
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- Proposed Onshore Scheme Scoping Boundary
- Existing community, recreational and tourism facilities
- ★ Community facilities and open space
- ★ Visitor attractions
- Promoted recreational route
- Housing Allocation



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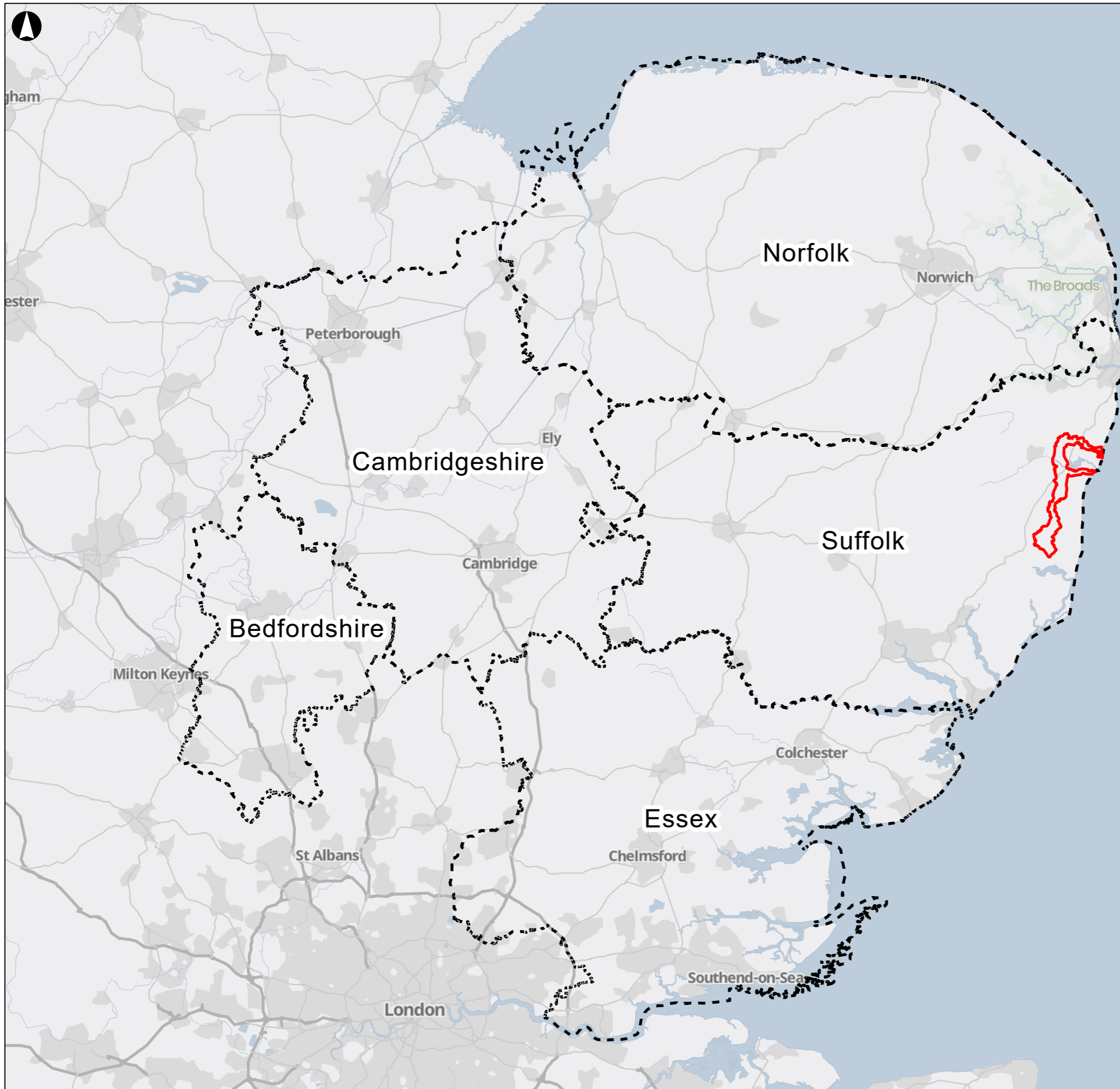
Figure 16-2 Recreational and
 Community Receptors
 Page 4 of 4

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 Recreation and Tourism

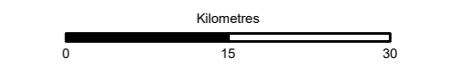
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Drawing Number LL-ARP-FIG-ECO-0010-P02	



- Proposed Onshore Scheme Scoping Boundary
- County Boundary

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 Figure 17-1 Material Assets and Waste
 Expansive Study Area

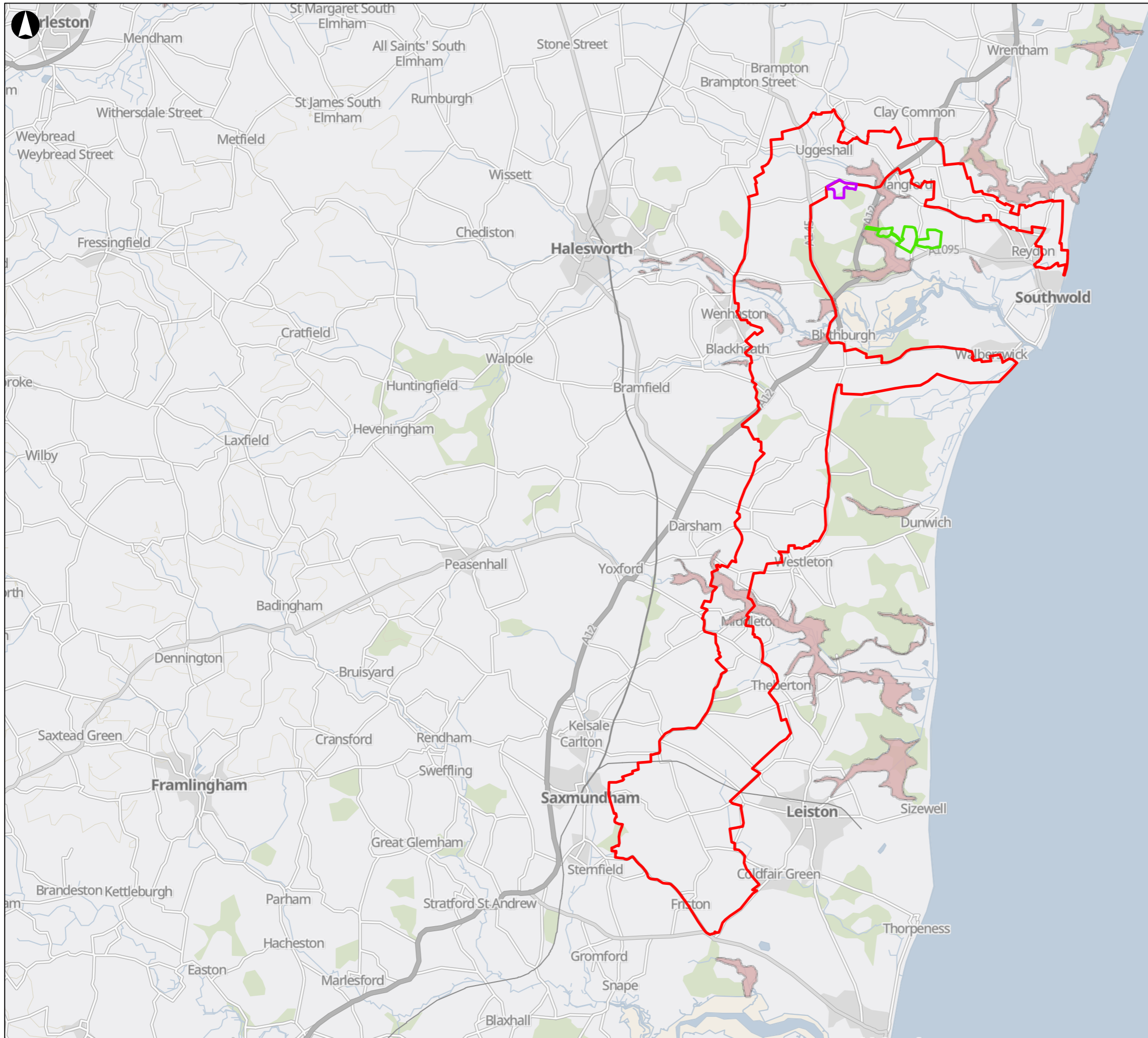
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Role
 Chapter 17. Material Assets and Waste

Suitability
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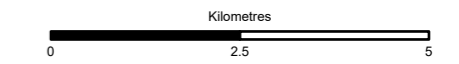
Project Number 287334-00	Rev P01
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Drawing Number
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- Proposed Onshore Scheme Scoping Boundary
- Peat deposits
- Henham Quarry and inert landfill
- Wangford sand and gravel quarry (including proposed extensions)

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Drawing Title
 Figure 17-2 Mineral safeguarded sites and / or peat resources

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 Role
 Chapter 17. Material Assets and Waste
 Suitability
 EIA Scoping Report
 Project Number 287334-00 Rev P01
 Drawing Number
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