

Appendix 1 to
Landscape and Visual Issues

Relating to the
Onshore Development at Friston

Required for
**East Anglia ONE North/ TWO
Offshore Wind Farms**

Prepared for
Substation Action Save East Suffolk (SASES)

LPA
Suffolk Coastal (East Suffolk)

PINS Refence
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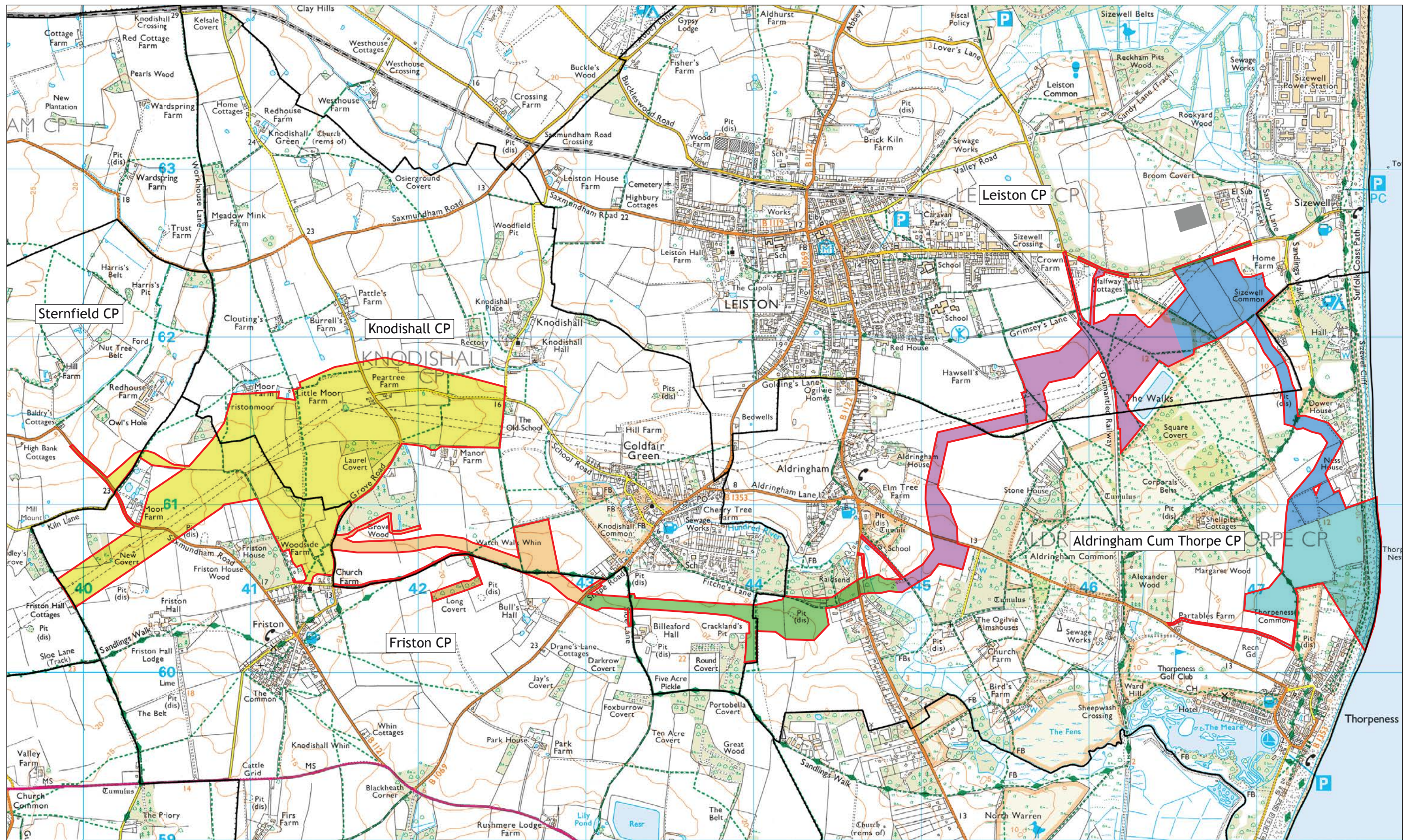
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Source:
Onshore Development Area and Sections
derived from ES Figure 6.2

Legend

- EA1N & EA2 Onshore Development Area (ODA)
- Parish Boundaries
- Galloper Substation (Built)

ODA Sections

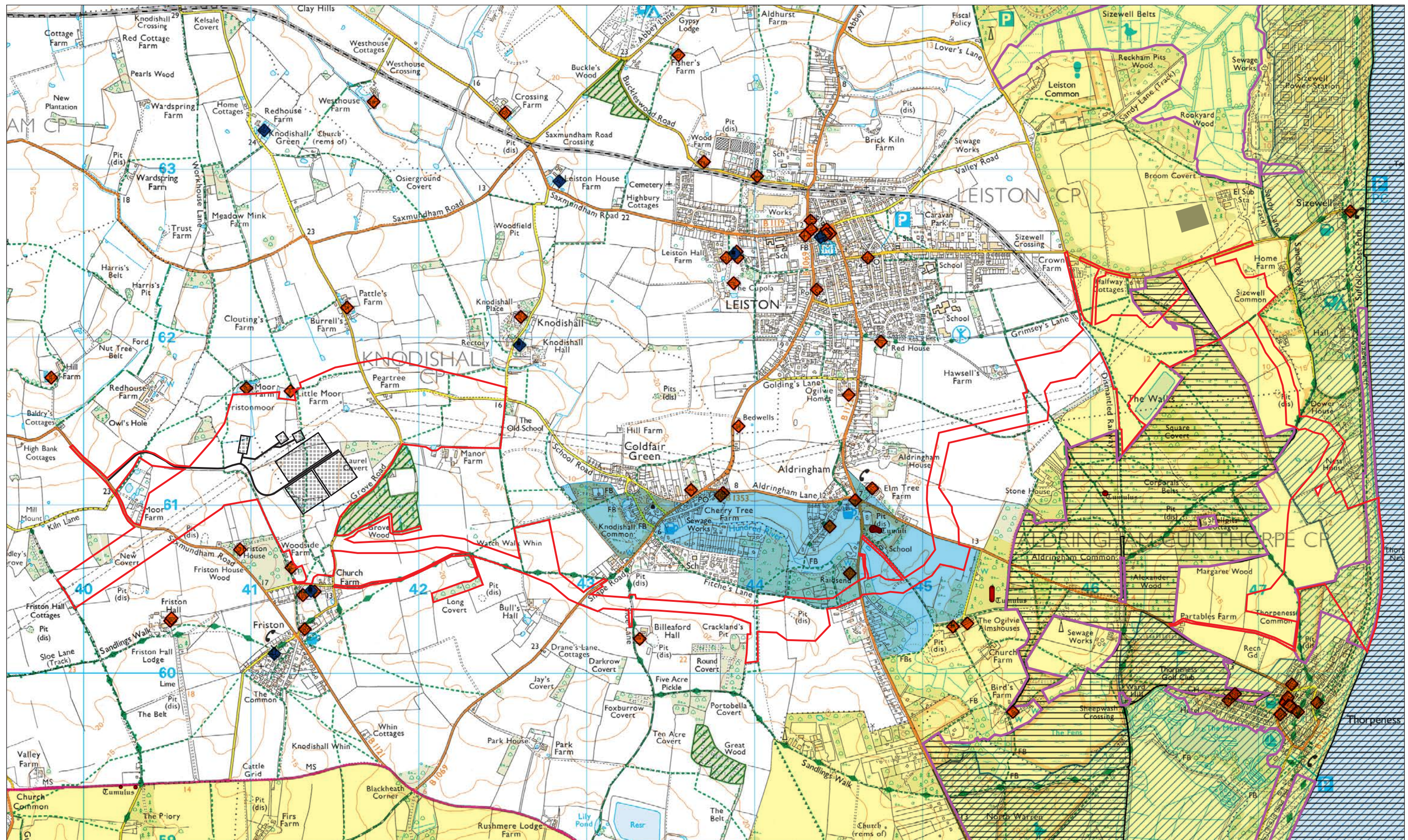
- Landfall
- Section 1
- Section 2
- Section 3
- Section 4
- Onshore Substations and National Grid Infrastructure

FIGURE 1

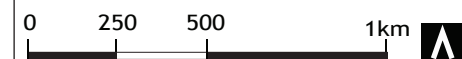
Onshore Development Area



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Source:
Onshore Development Area and Sections
derived from ES Figure 6.2



Legend

- EA1N & EA2 Onshore Development Area
- Substations & Cable Sealing End Compounds
- Permanent Access Road (Substations)
- Galloper Substation (Built)

Designations

- Suffolk Coast and Heaths AONB
- Hundred River Valley Special Landscape Area
- Heritage Coast
- Ancient Woodland

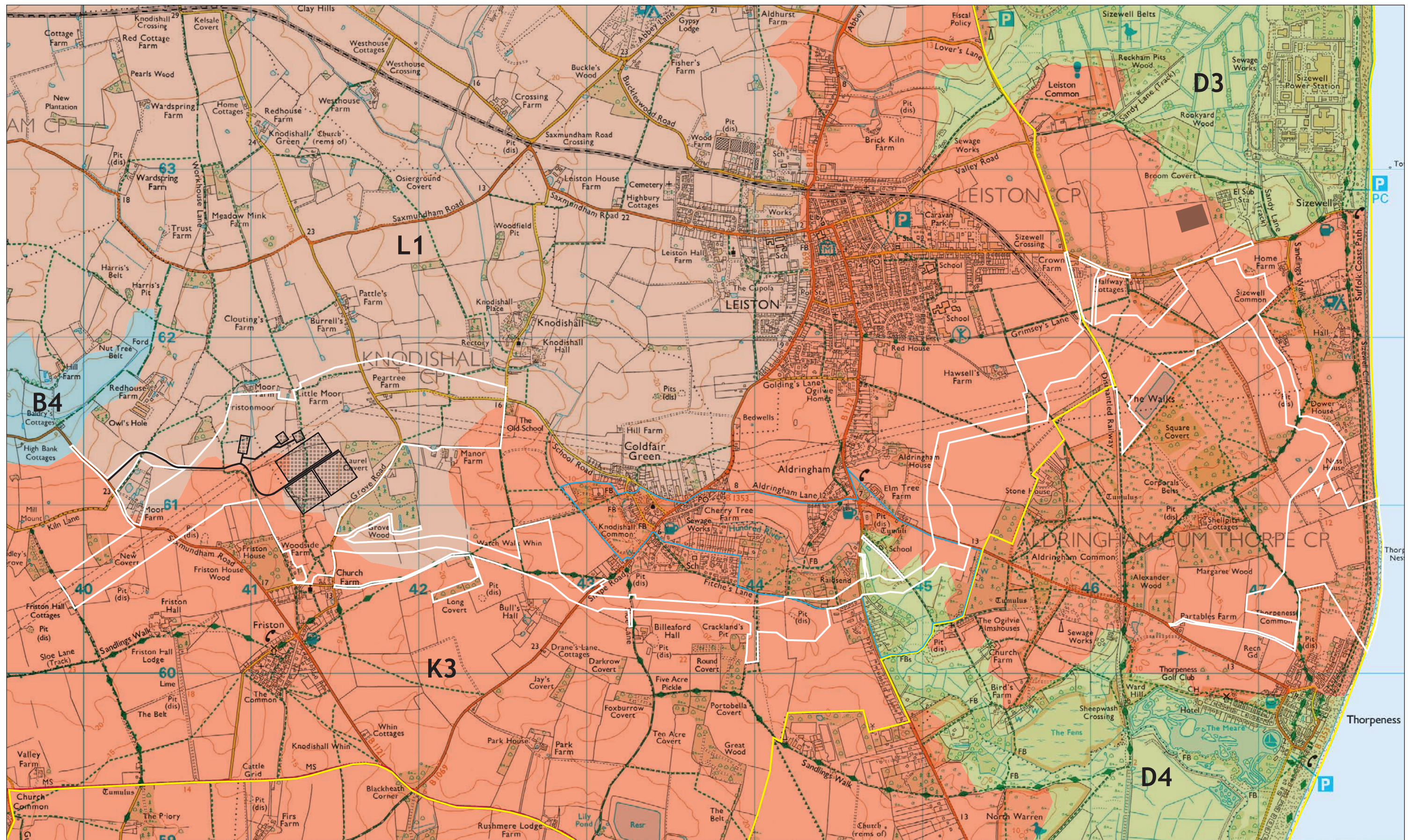
- Special Protection Area (SPA)
- Site of Special Scientific Interest (SSSI)
- ◆ Grade II* Listed
- ◆ Grade II Listed

- Scheduled Monument

FIGURE 2 Designations

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Source:
LCTs/LCAs: Suffolk Coastal Landscape Character Assessment, July 2018

0 250 500 1km

- Legend**
- EA1N & EA2 Onshore Development Area
 - Substations & Cable Sealing End Compounds
 - Permanent Access Road (Substations)
 - Galloper Substation (Built)

- Landscape Designations**
- Suffolk Coast and Heaths AONB
 - Hundred River Valley Special Landscape Area

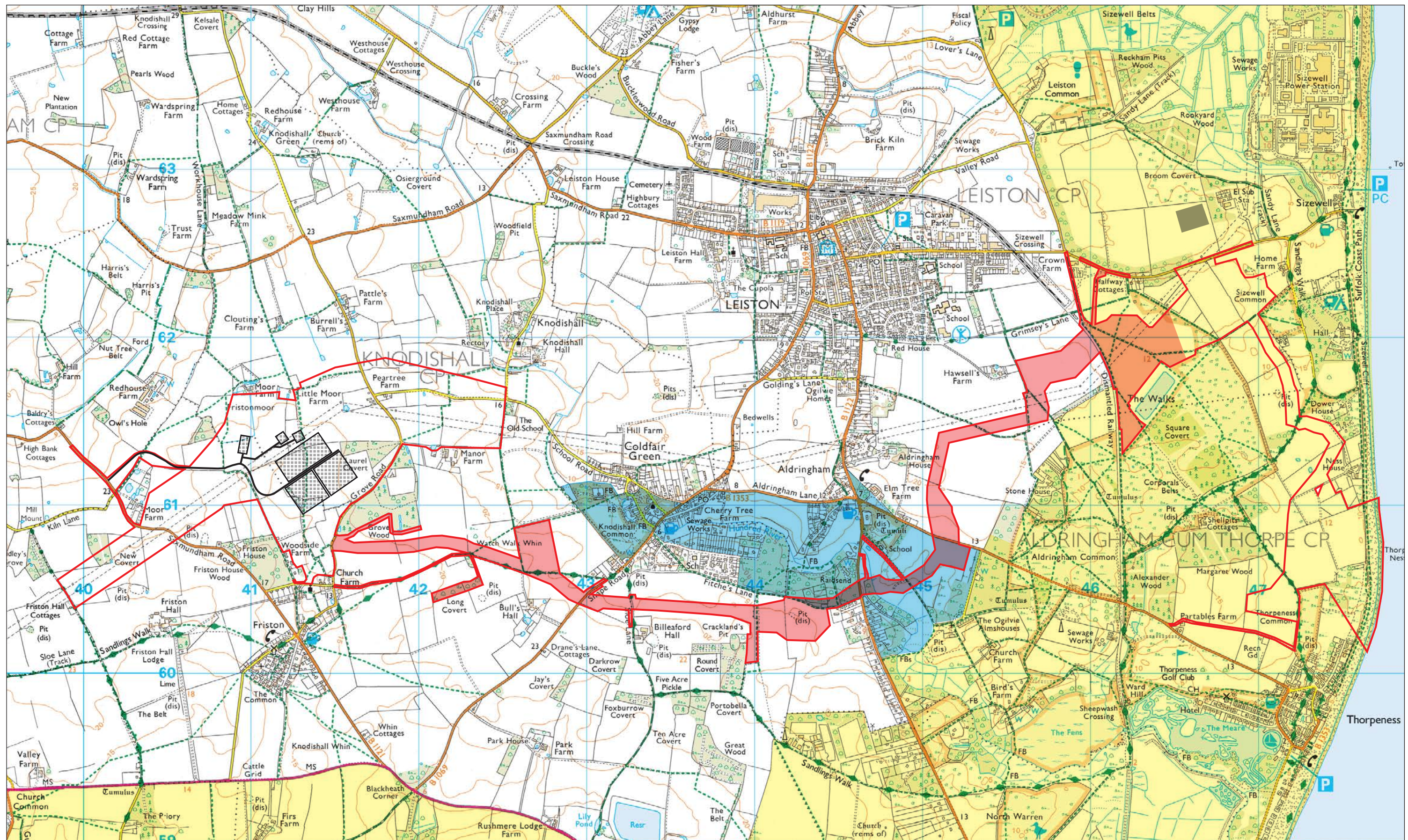
- Suffolk Coastal Landscape Character Types**
- B. River Valleys
 - D. Coastal Broads and Marshes
 - K. Estate Sandlands
 - L. Ancient Estate Claylands

- Suffolk Coastal Landscape Character Areas**
- B4: Fromus Valley
 - D3: Minsmere and Sizewell Coast
 - D4: Thorpness to Aldeburgh
 - K3: Aldringham and Friston Sandlands
 - L1: Heveningham and Knodishall Estate Claylands

FIGURE 3
Landscape Character

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Source:
Onshore Development Area and Sections
derived from ES Figure 6.2

Legend

- EA1N & EA2 Onshore Development Area (ODA)
- Area of Additional Corridor Required to Reach Onshore Substations and National Grid Infrastructure at Friston Vs Broom Covert (ODA Sections 2-4) (Approx. 92 Hectares)
- Galloner Substation (Built)

Designations

- Suffolk Coast and Heaths AONB
- Hundred River Valley Special Landscape Area

0 250 500 1km

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FIGURE 4

Additional Corridor

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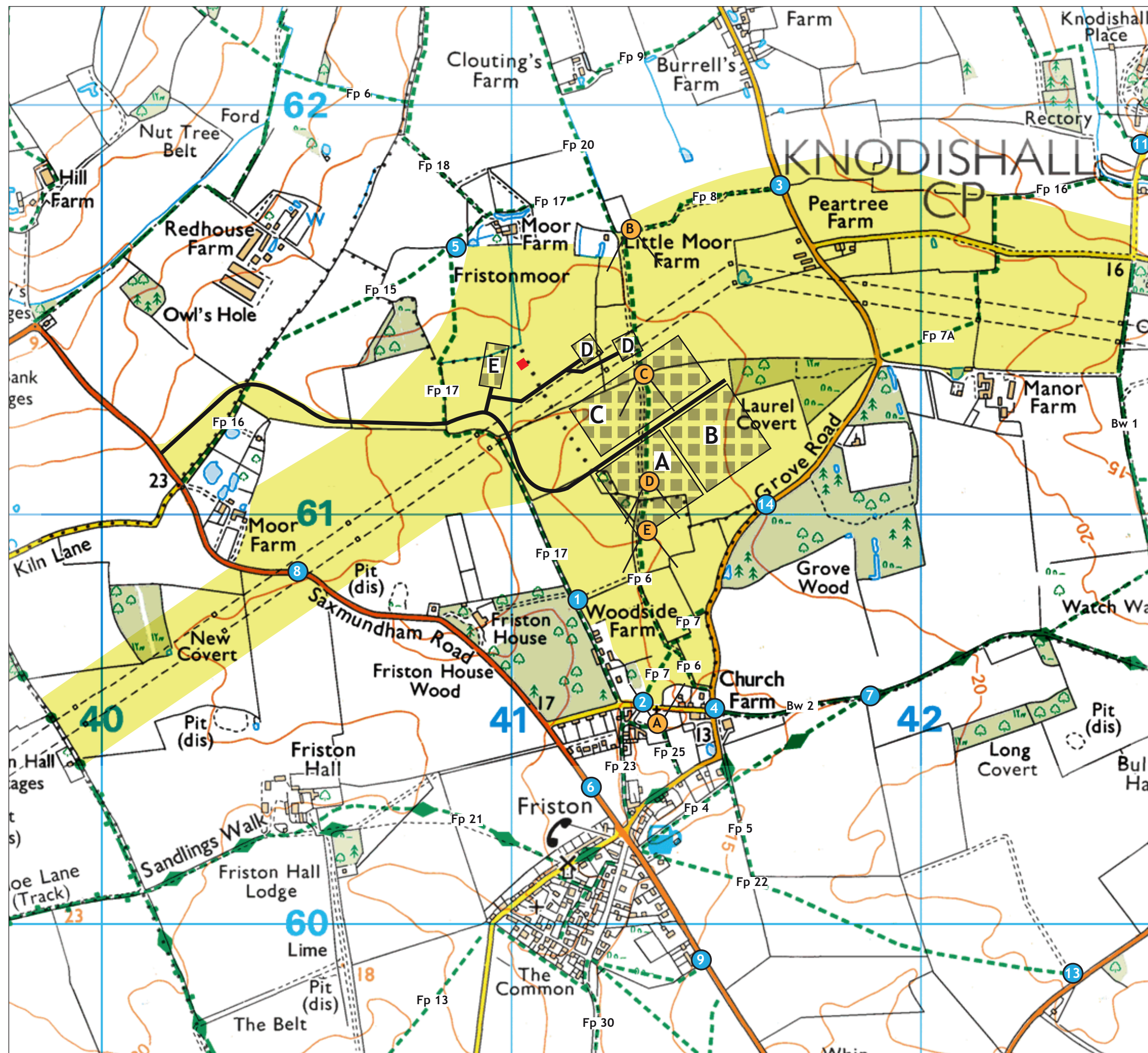


FIGURE 5
Substations and NG Infrastructure









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Legend

-  Onshore Development Area for SPR and NG Substations and Infrastructure (SPRNG ODA)
-  Preferred Arrangement of Substations & Associated Infrastructure
- A** - SPR Substation (preferred location for East Anglia ONE North Onshore Substation)
- B** - SPR Substation (preferred location for East Anglia TWO Onshore Substation)
- C** - National Grid Substation
- D** - Cable Sealing End Compound
- E** - Cable Sealing End (with circuit breaker) Compound
-  Permanent Access Roads
-  New pylon
-  Location of MB Photographs A-E (for photographs refer Figures 12-13)
-  Location of LVIA Viewpoints



0	100	200	500	750m
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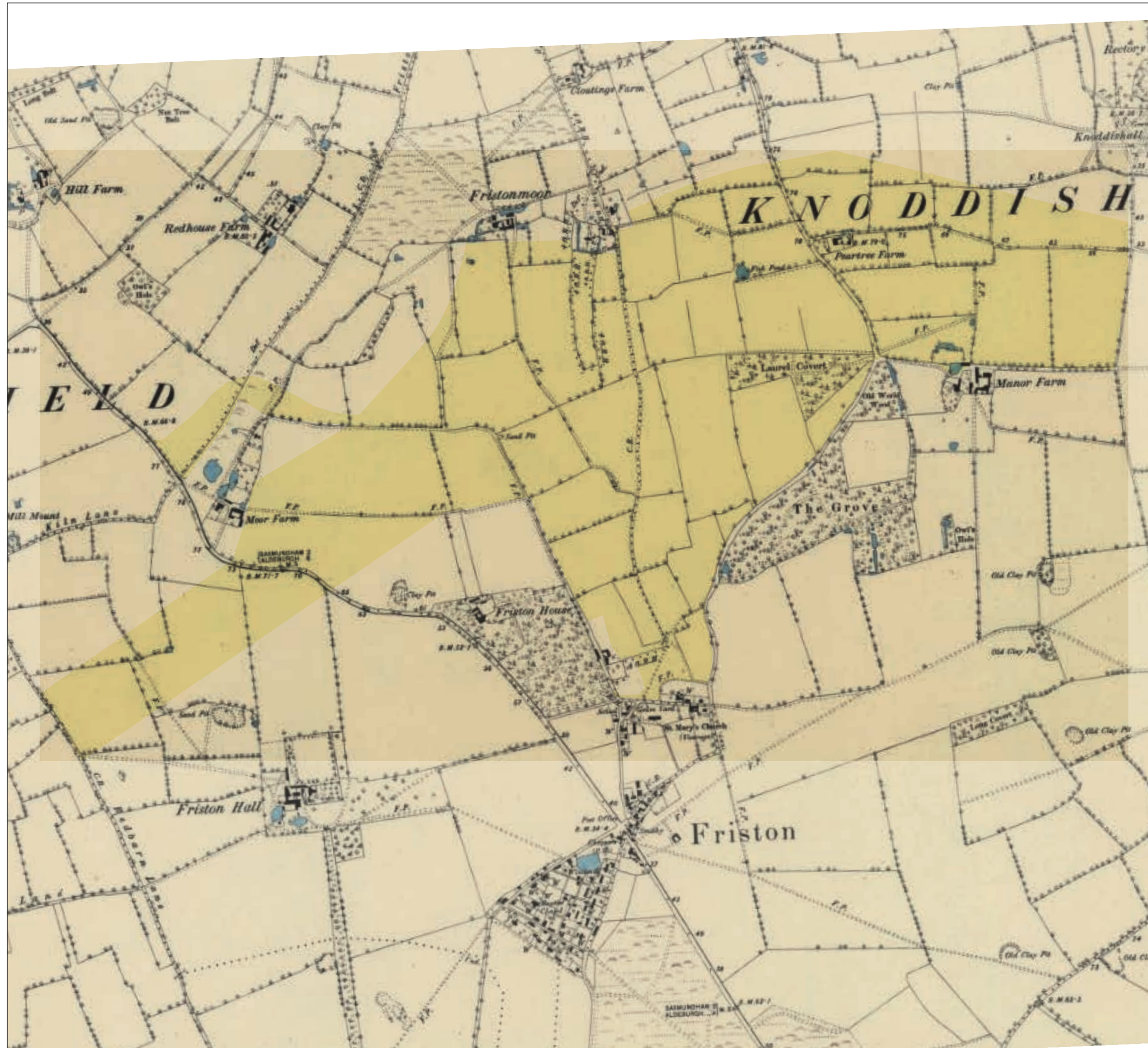


FIGURE 6
First Edition OS (1884)



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Legend

 Onshore Development Area for SPR and NG Substations and Infrastructure (SPRNG ODA)



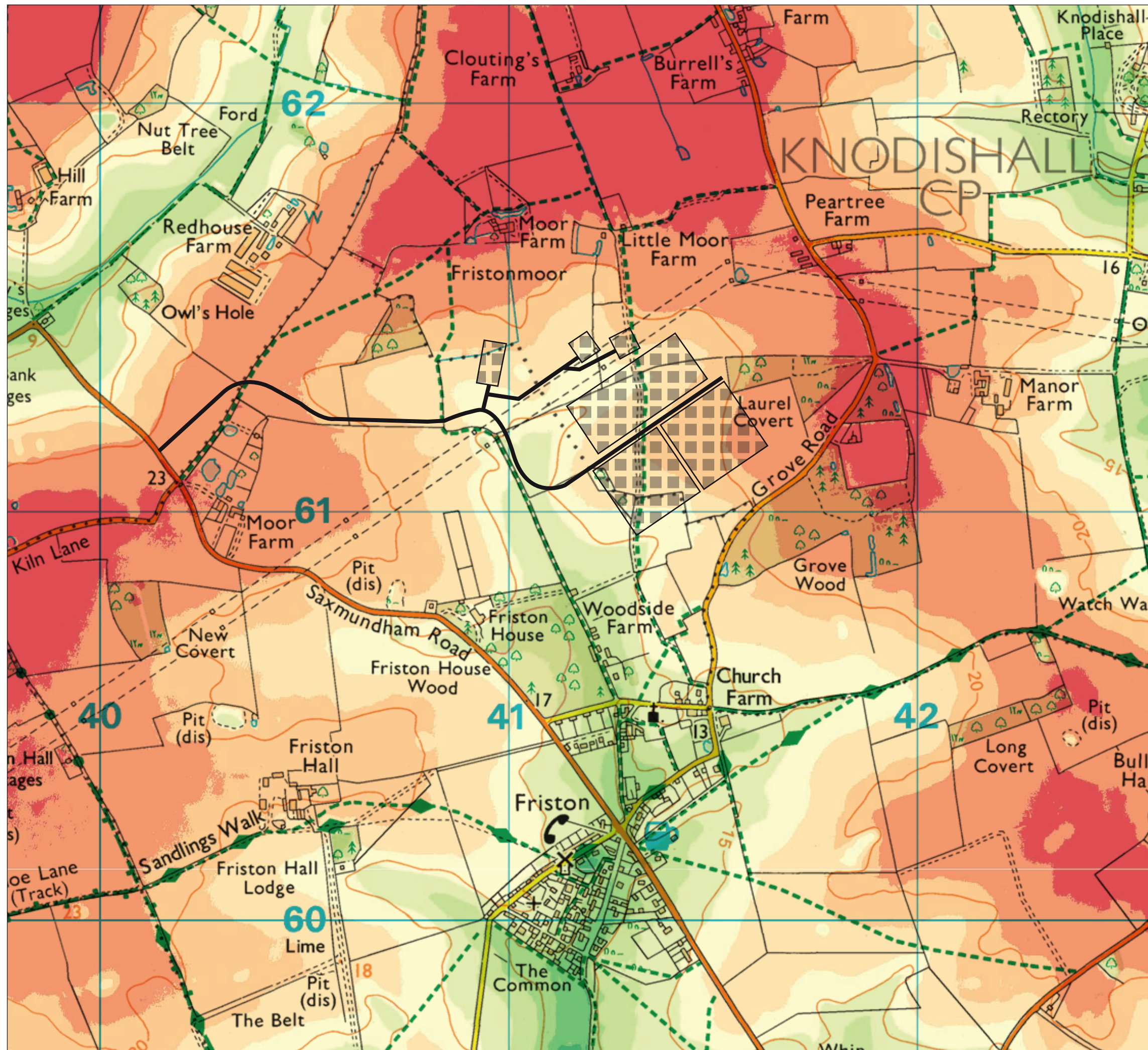


FIGURE 7
Topography



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Legend

- Preferred Arrangement of Substations & Associated Infrastructure
- Permanent Access Roads

Wider Topography (Bands Drawn at 2m Intervals
based on 2m LIDAR Digital Terrain Model)

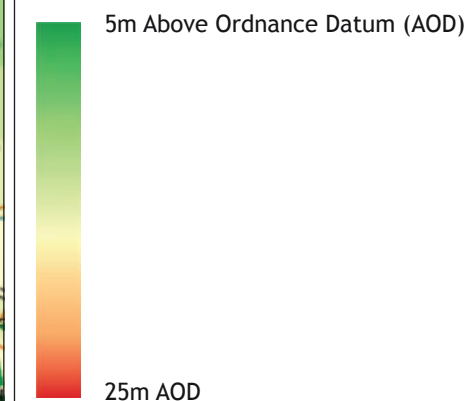




FIGURE 8
Aerial Photograph



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Photograph shows the transition from a larger to a finer grained landscape (north to south) in the countryside north of and leading to Friston village.



0 100 200 500 750m



FIGURE 9
Aerial Photograph + Proposal



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Proposed land use in areas that will not be returned to agricultural use:

- 1** - Amenity grass seed mix for embankments & veges.
- 2** - Species rich grassland seed mix.
- 3** - SUDS/ Wetland grassland seed mix.
- 4** - Areas for potential future surface water management.
- 5** - Pre-construction tree/woodland planting
- 6** - Post-construction tree/woodland planting

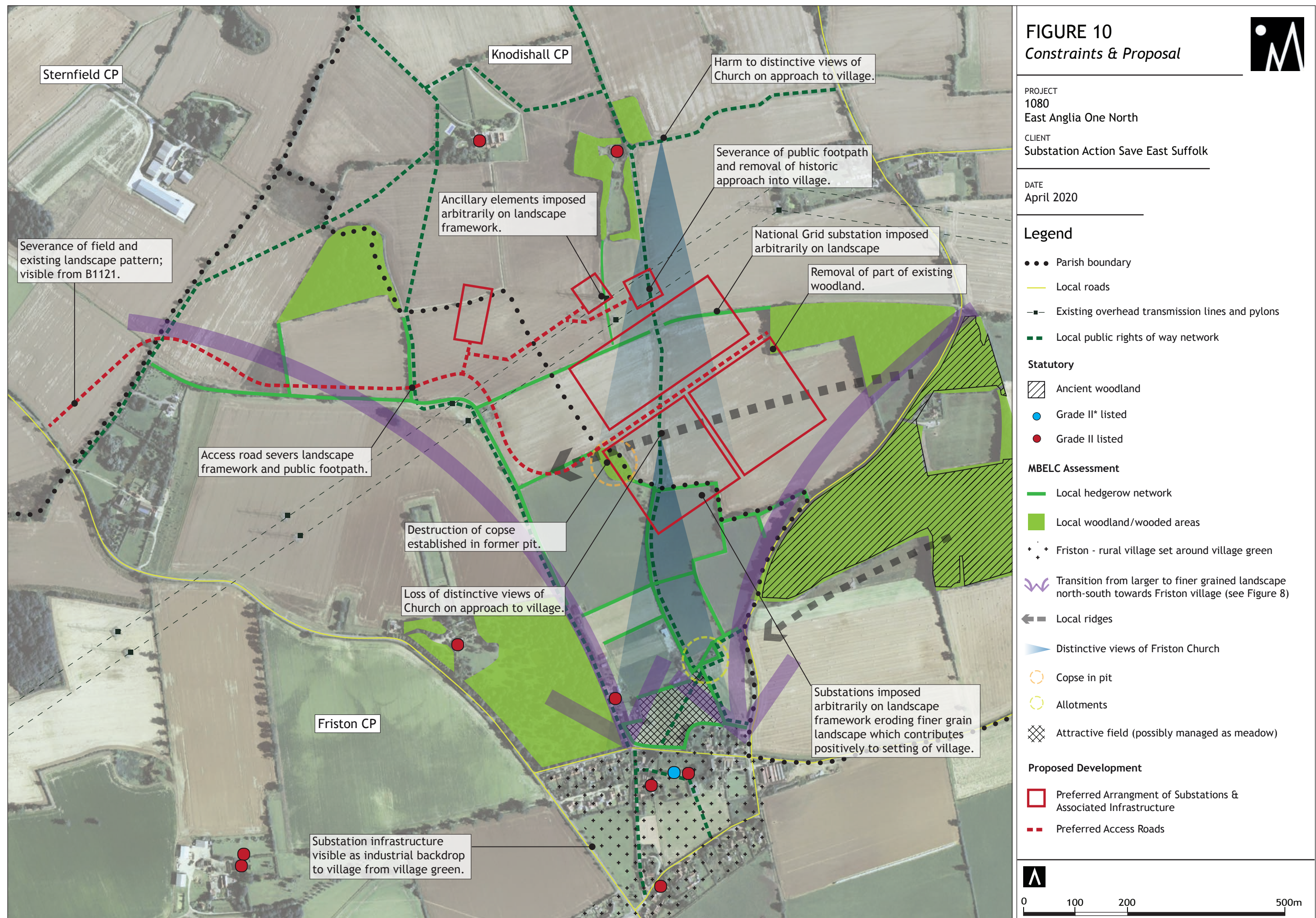
Land outside of the above areas will be returned to agricultural use 'where possible'.

Source:

Plan reproduced from Outline Landscape and Ecological Management Strategy (OLEMS) Figure 5: OLMP Illustrative Plan. Proposed land use determined from OLEMS Figure 3: OLMP General Arrangement



0 100 200 500 750m



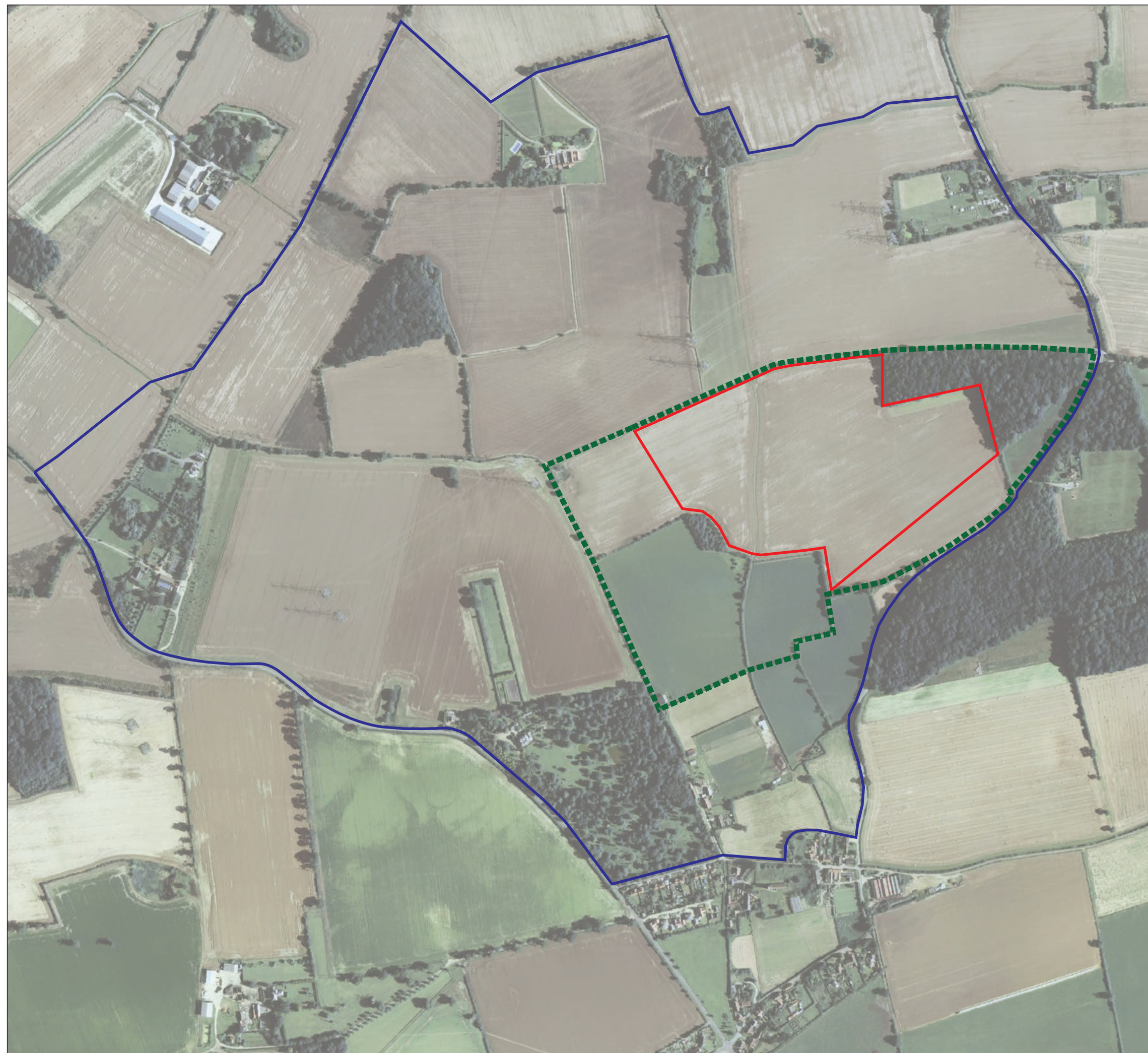



FIGURE 11
Enhanced Mitigation Strategy




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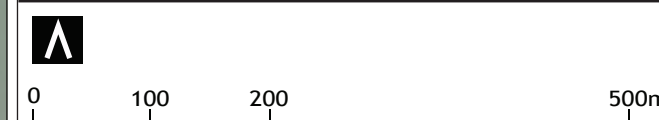
Legend

 Substation Zone (13.4 hectares)
Location of all three substations (combined area = 11.71ha with AIS NG Substation or 8.9ha with GIS NG Substation) and cable sealing ends infrastructure if possible (additional 1ha).
Total = 12.71ha with AIS NG Substation or 9.9ha with GIS NG Substation

Substations and associated infrastructure to be set down below existing ground level.

 Screening Zone
Retain and strengthen hedgerows and woodlands which provide an existing framework for visual mitigation planting.

 Landscape Enhancement Zone
Implement Land Management Guidelines described in Suffolk County Assessment with the intention of providing a long-term legacy of landscape compensation.







Photograph B



Photograph C

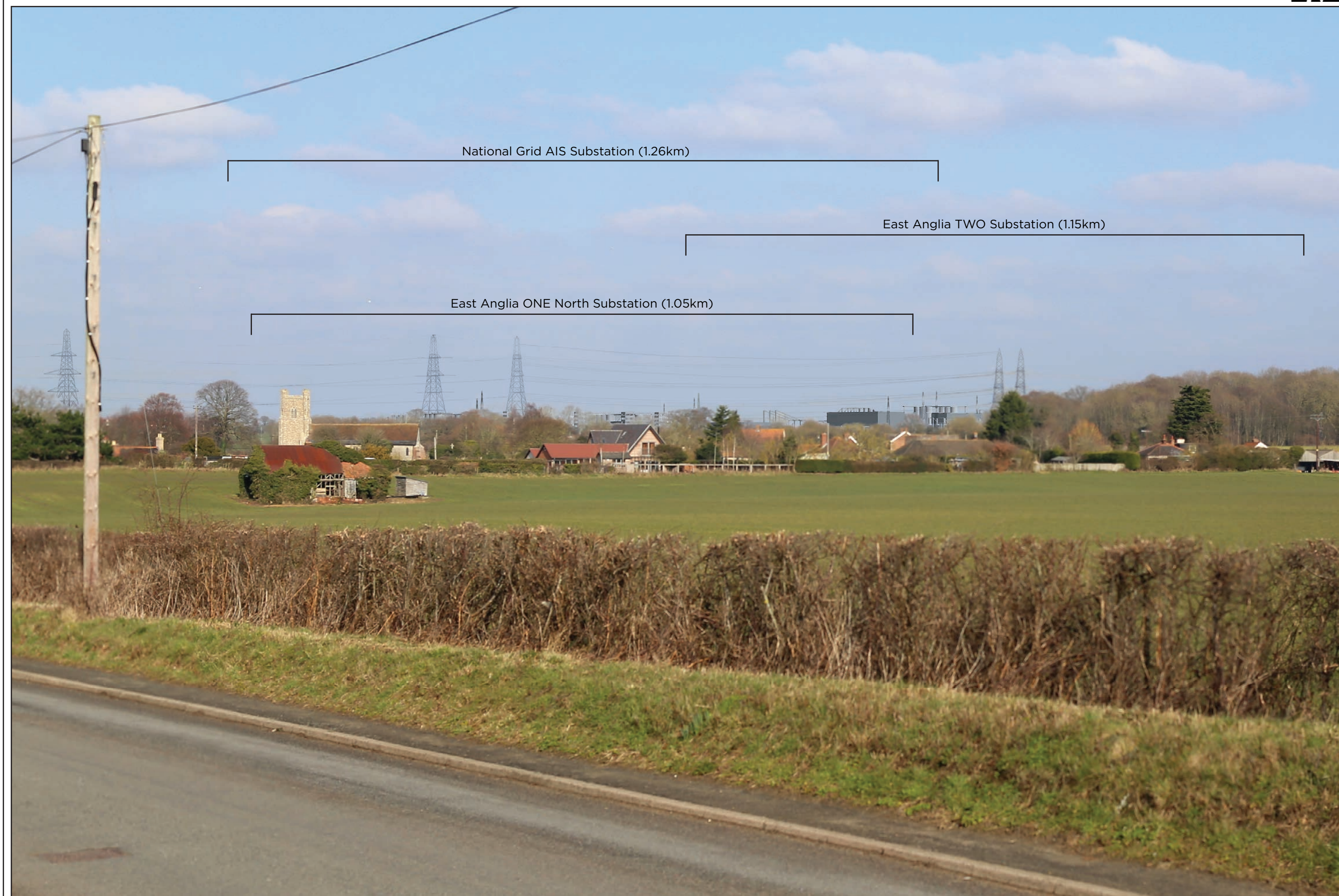


Photograph D



Photograph E









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