



THE DROVES
SOLAR FARM

The Droves Solar Farm

EIA Scoping Report Appendices - Appendix 1

Date: November 2024

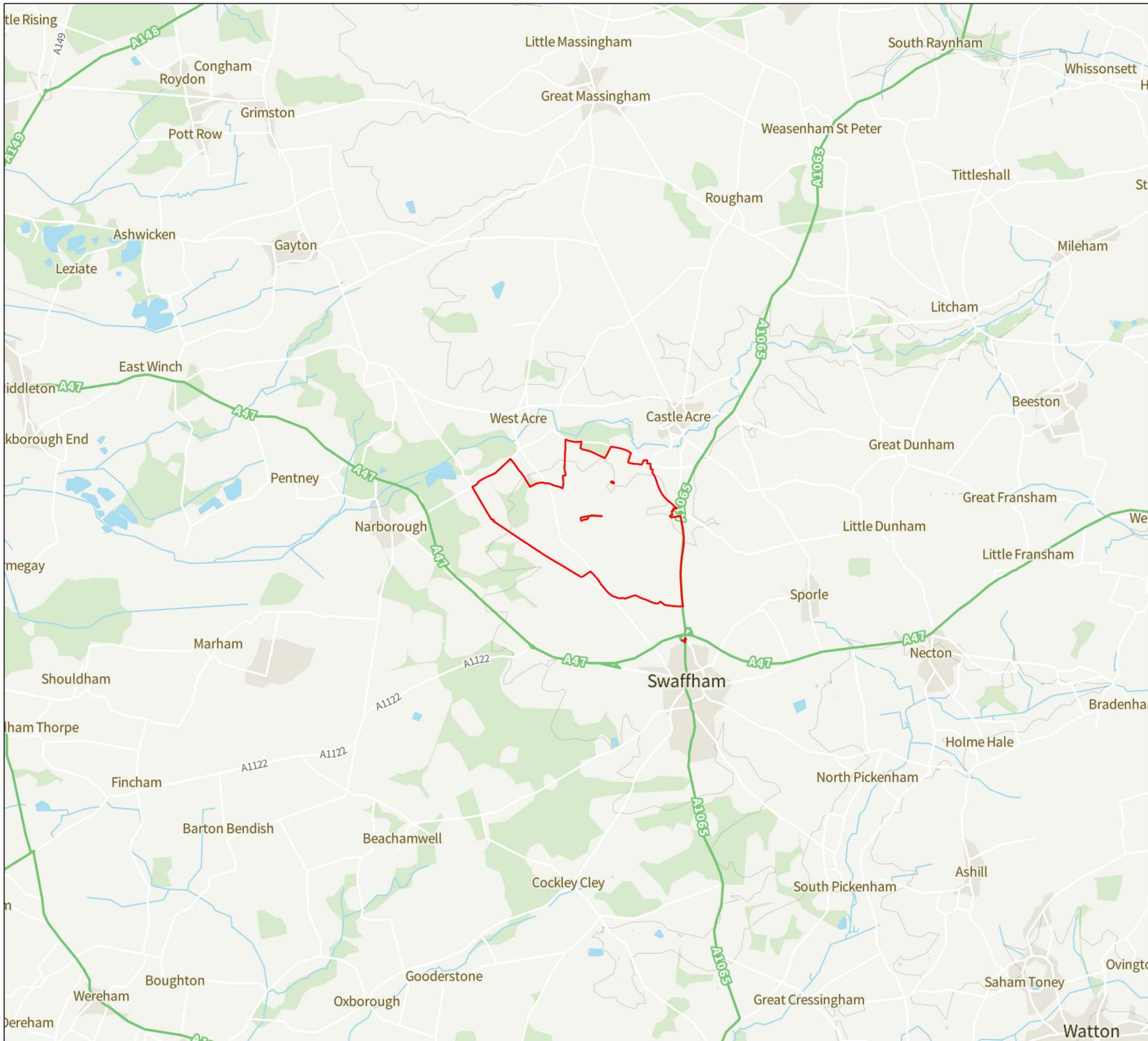
PINS Reference: EN0110013



THE DROVES
SOLAR FARM

Appendix 1.1

Figures for Chapter 2



DRAWING TITLE:
Figure 2-1 Scheme Location

DOCUMENT:
EIA Scoping Report

LEGEND:
 Site Boundary

Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity



DWG. NO. **Figure 2-1**

DATE	Nov 2024	DRAWN	ECa
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DRAWING TITLE:
Figure 2-2 Site Boundary

DOCUMENT:
EIA Scoping Report

- LEGEND:
- Site Boundary
 - Solar PV Site, Associated Development and Customer and National Grid Substation
 - Potential Mitigation and Enhancement Areas
 - Grid Connection Infrastructure
 - Existing Woodland
 - Existing Waterbodies
 - Existing Watercourses
 - Existing 400kV Overhead Line

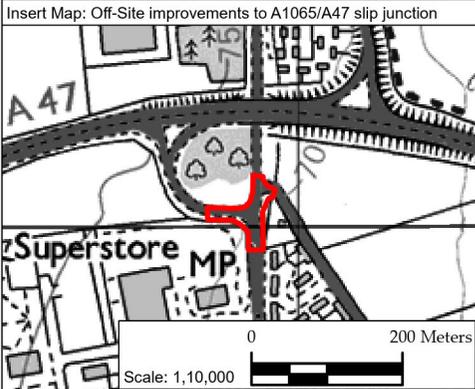
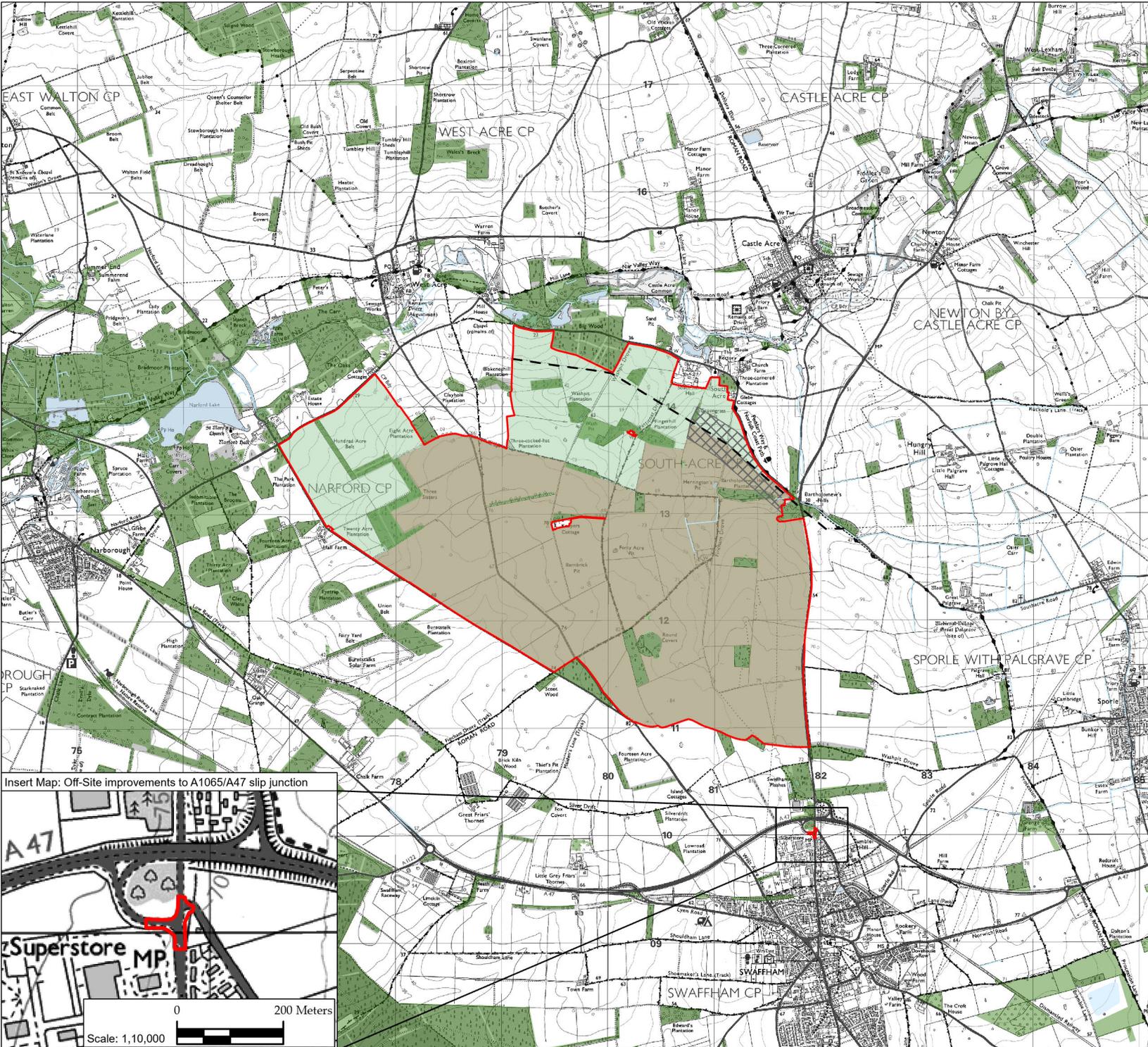
Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity



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DRAWING TITLE:
Figure 2-3 Field Numbering

DOCUMENT:
EIA Scoping Report

- LEGEND:
- Site Boundary
 - Field Number (number of field within circle)
 - Potential Mitigation and Enhancement Areas
 - Existing Woodland

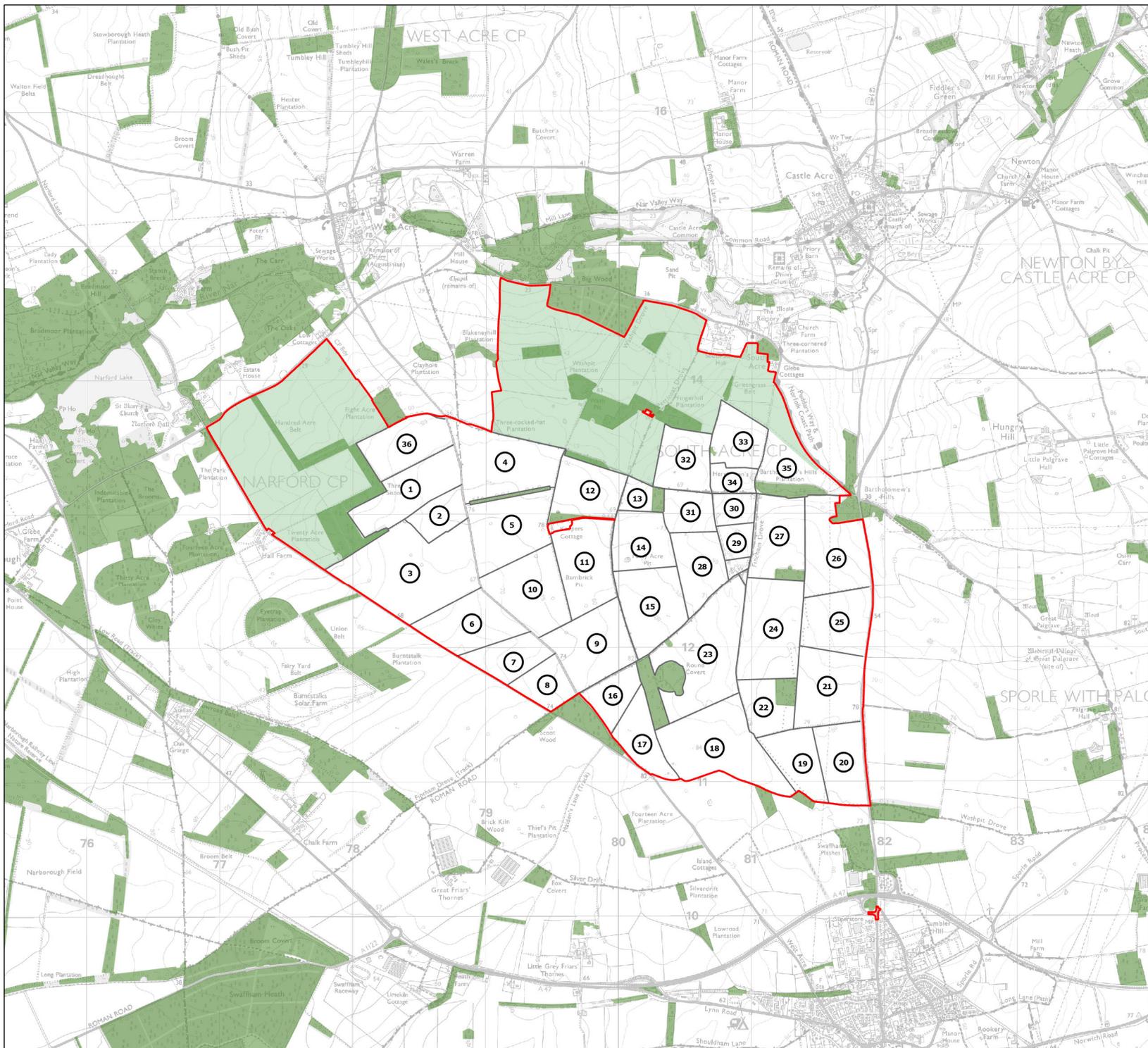
Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity



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DRAWING TITLE:
Figure 2-4 Historic Environmental Designations

DOCUMENT:
EIA Scoping Report

LEGEND:
 Site Boundary
 Approximately 1km and 2km distances from the Site (excluding junction improvement area)

Listed Buildings - Grade:
 Grade I
 Grade II
 Grade II*
 Scheduled Monuments
 Conservation Areas

Sources: Ordnance Survey, Island Green Power (IGP), Historic England, WSP, Velocity

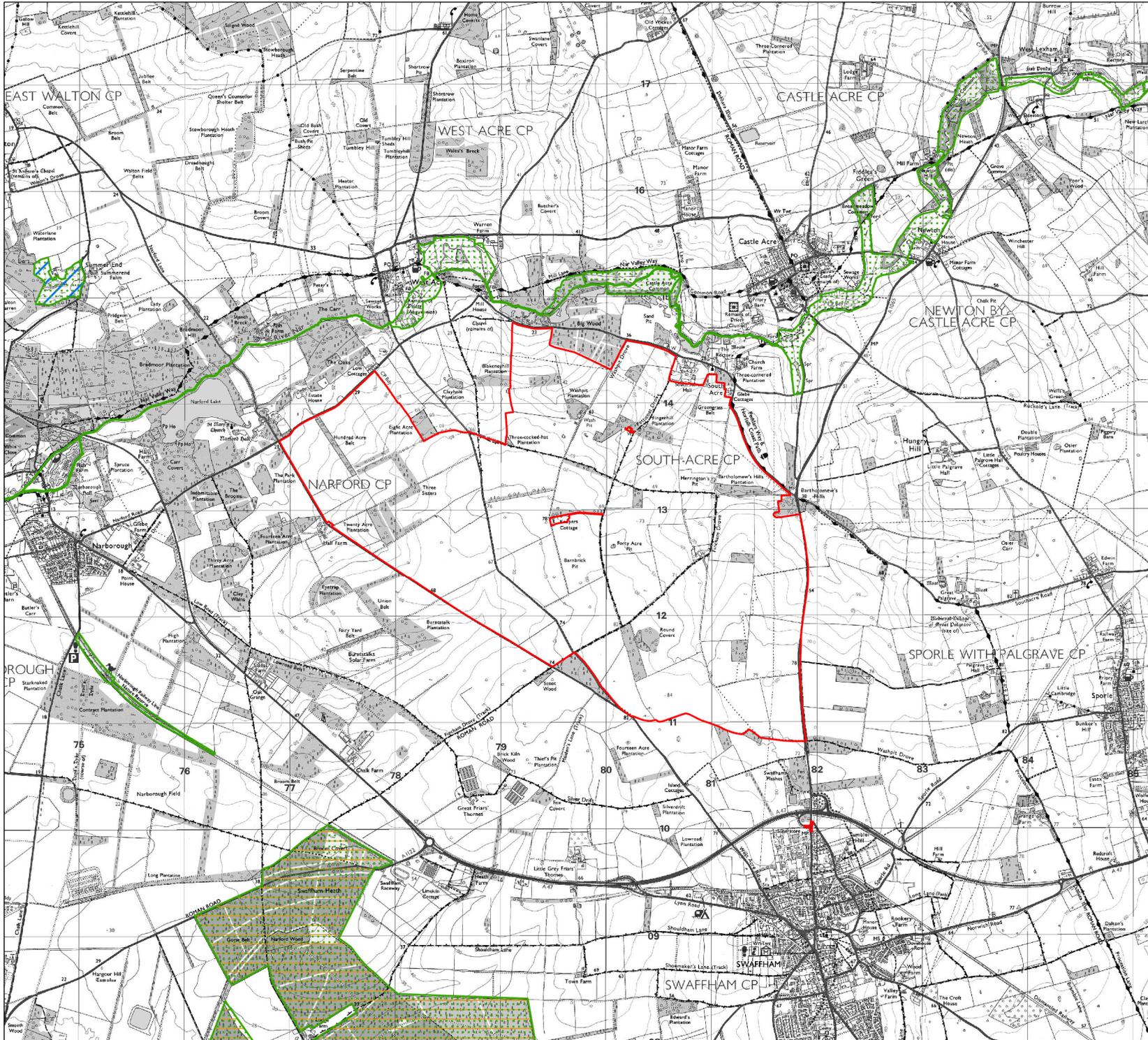


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DRAWING TITLE:
Figure 2-5 Ecological Designations

DOCUMENT:
EIA Scoping Report

- LEGEND:
- Site Boundary
 - Site of Special Scientific Interest (SSSI)
 - Special Area of Conservation (SAC)
 - Special Protection Area (SPA)

Sources: Ordnance Survey, Island Green Power (IGP), Natural England, WSP, Velocity

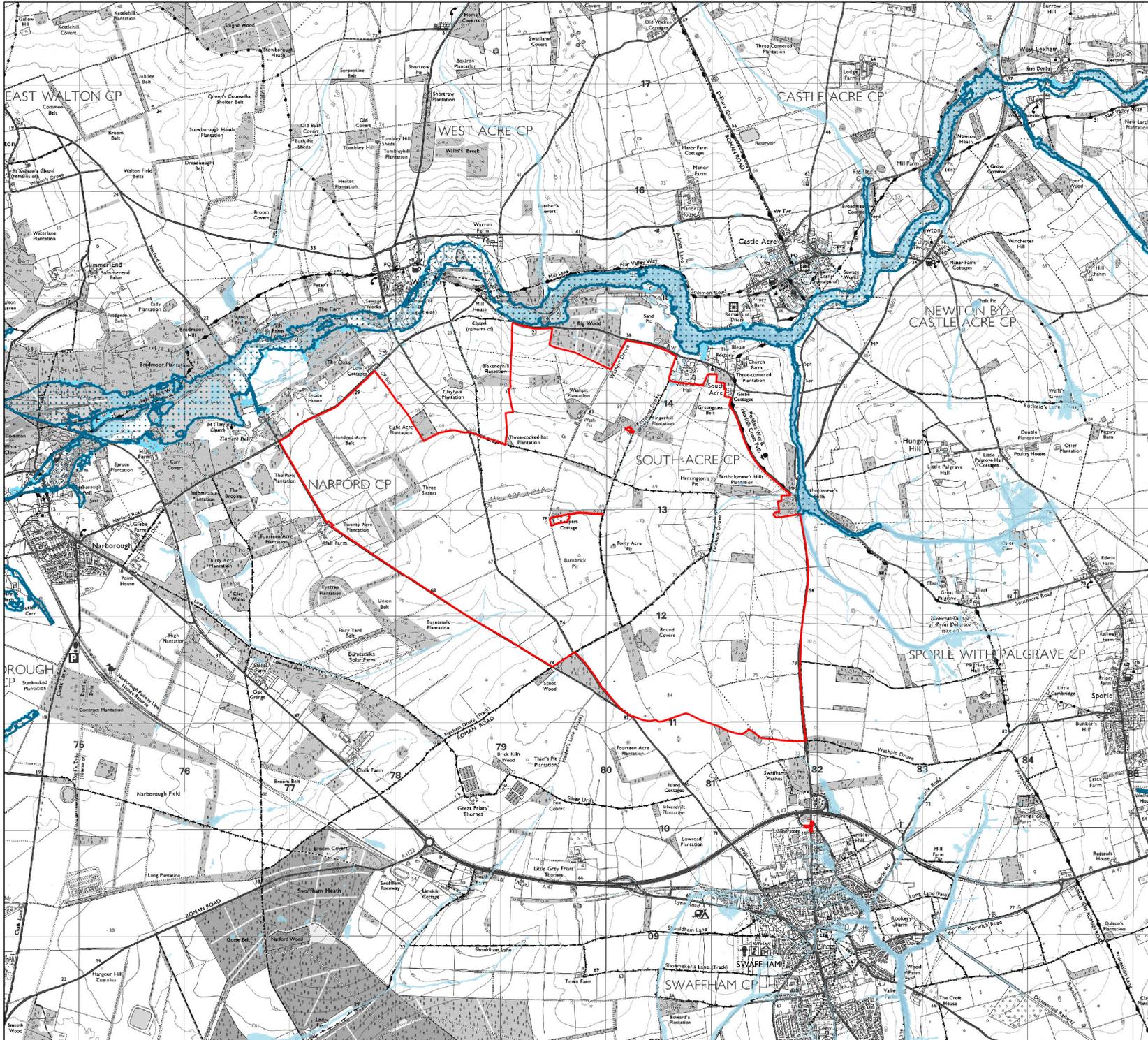


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DRAWING TITLE:
Figure 2-6 Water Resources

DOCUMENT:
EIA Scoping Report

LEGEND:

	Site Boundary		Medium - each year, chance of flooding less than 1 in 30 (3.3%)
	Flood Zone 2		Low - each year, chance of flooding greater than 1 in 1000 (0.1%)
	Flood Zone 3		High - each year, chance of flooding greater than 1 in 30 (3.3%)

Surface Water Flood Risk

High - each year, chance of flooding greater than 1 in 30 (3.3%)

Sources: Ordnance Survey, Island Green Power (IGP), Environment Agency, WSP, Velocity



DWG. NO. Figure 2-6

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Appendix 1.2

Figures for Chapter 6

DRAWING TITLE: **Figure 6-1**
Preliminary Zone of Theoretical Visibility (ZTV)
including Woodland and Settlements

DOCUMENT:
EIA Scoping Report

- LEGEND:**
- Site Boundary
 - Distance from Site boundary (1,2 and 3km)
 - Settlement
 - Woodland
 - Solar PV Site, Associated Development and Customer and National Grid Substation (extent as shown on Figure 2.2)
 - Proposed Viewpoints
- Zone of Theoretical Visibility (ZTV) (computer generated)**
- ZTV for Solar PV Site, Associated Development and Customer and National Grid Substation

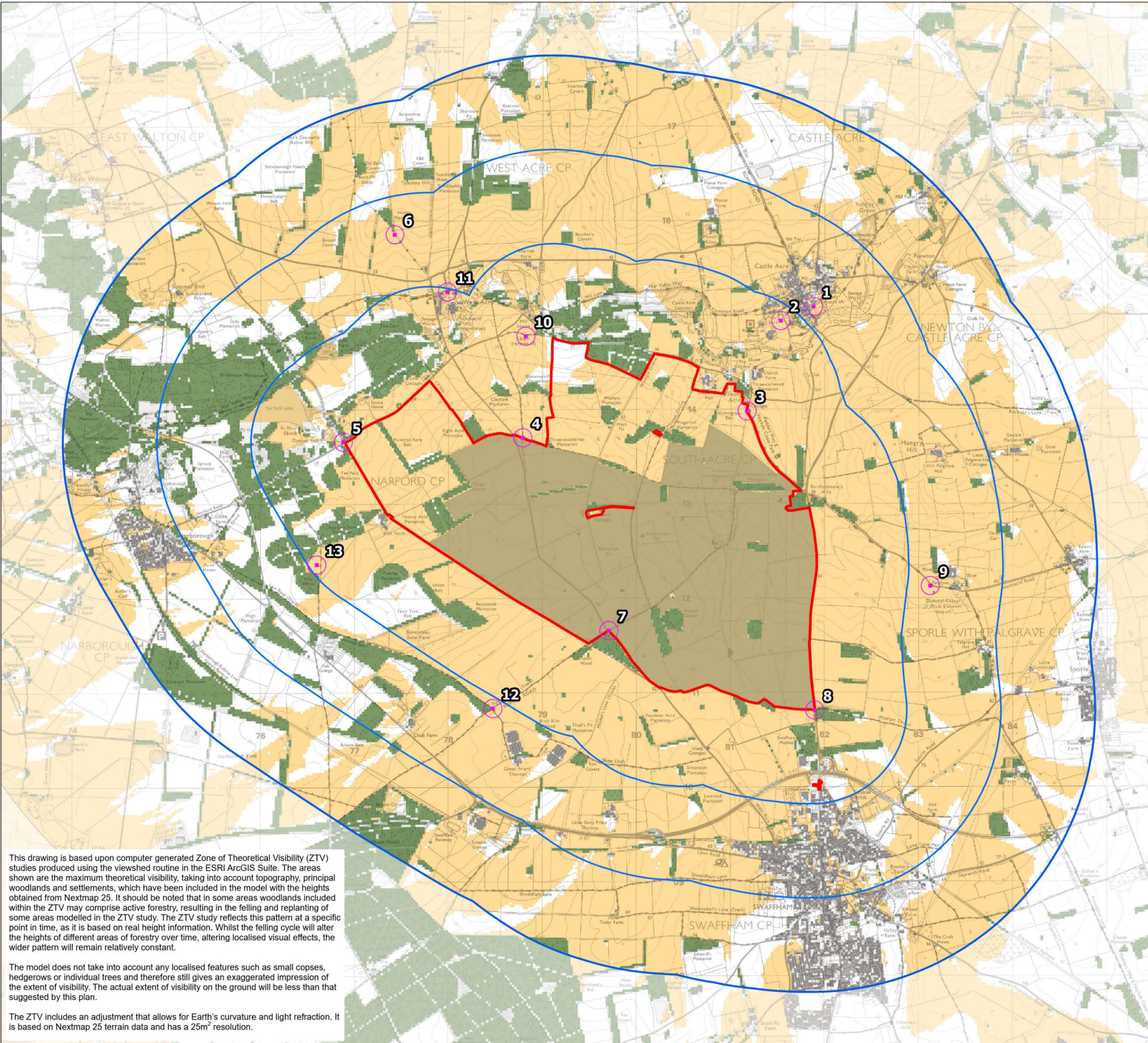
Sources: Ordnance Survey, NextMap25



DWG. NO. Figure 6-1

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This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and settlements, which have been included in the model with the heights obtained from Nextmap 25. It should be noted that in some areas woodlands included within the ZTV may comprise active forestry, resulting in the felling and replanting of some areas modelled in the ZTV study. The ZTV study reflects this pattern at a specific point in time, as it is based on real height information. Whilst the felling cycle will alter the heights of different areas of forestry over time, altering localised visual effects, the wider pattern will remain relatively constant.

The model does not take into account any localised features such as small copses, hedgerows or individual trees and therefore still gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be less than that suggested by this plan.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on Nextmap 25 terrain data and has a 25m² resolution.



DRAWING TITLE: **Figure 6-2
Access and Recreation Plan**

DOCUMENT: **EIA Scoping Report**

- LEGEND:**
- Site Boundary
 - 3km Study Area
 - Westacre Estate Rewilding Project
 - Open Access Land
 - Registered Common Land
 - Rebellion Way Cycle Route
 - Castle Acre Circular Walk
 - Nar Valley Way Long Distance Trail
 - Peddar's Way and Norfolk Coast Path National Trail
 - Public Right of Way
- Key Transport Routes**
- A Road
 - Minor Road
 - Drove

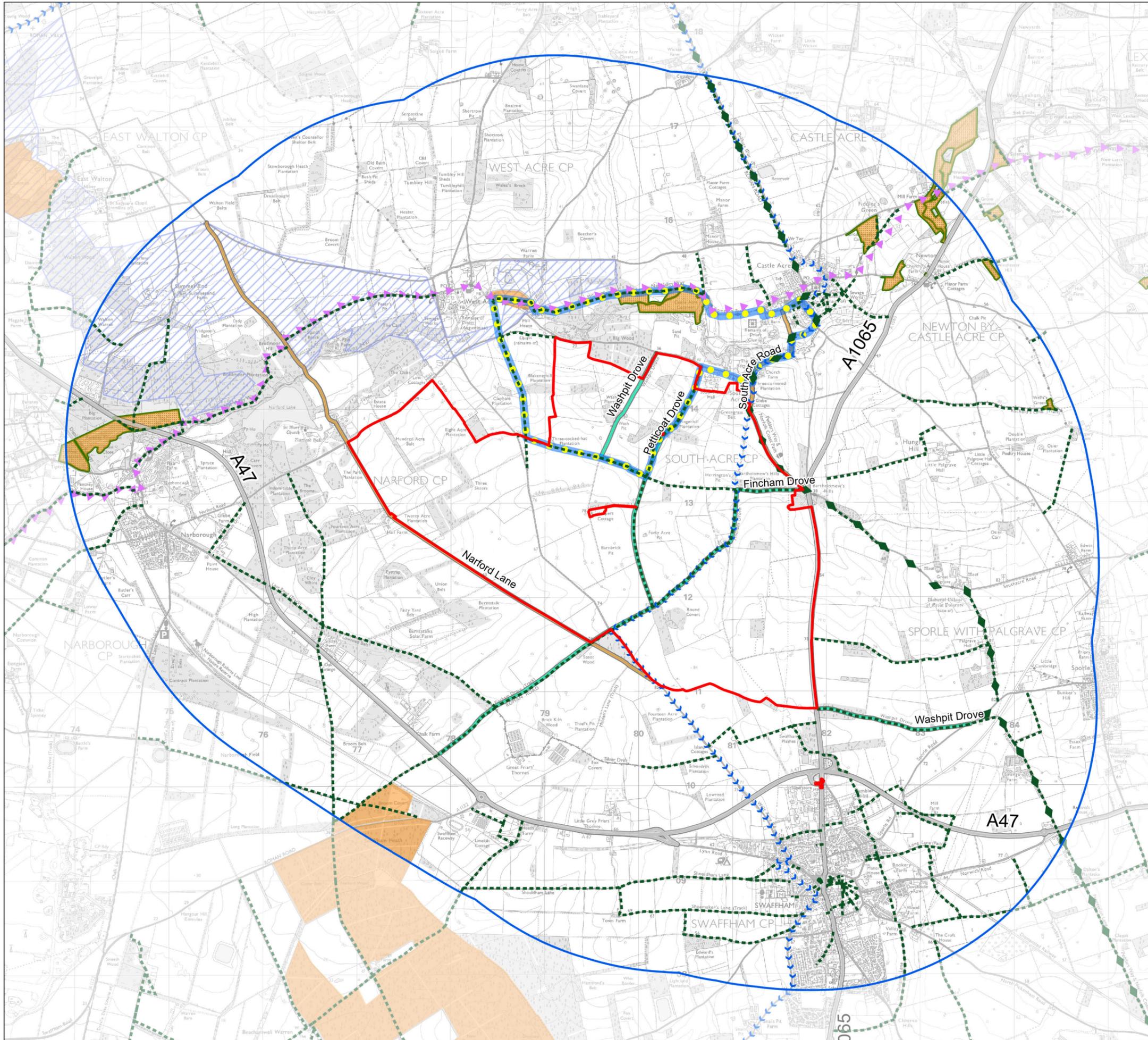
Sources: Ordnance Survey, Natural England, Westacre Estate, Norfolk County Council



DWG. NO. Figure 6-2

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LEGEND:

Site Boundary	E, Plateau Farmland
3km Study Area	F, Chalk Rivers
Local Planning Authority Boundary	U, Urban
National Character Area	
84 - Mid Norfolk	Kings Lynn & West Norfolk Borough Landscape Character Assessment (2007)
76 - North West Norfolk	Landscape Character Type
85 - The Brecks	E - The Fens - Open Inland Marshes
Breckland District Landscape Character Assessment (2007)	
B, Settled Tributary Farmland	G - Farmland with Woodland and Wetland
D, The Brecks - Heathland with Plantation	H - Settled Farmland with Plantations
	I - Rolling Open Farmland
	J - Plateau Farmland

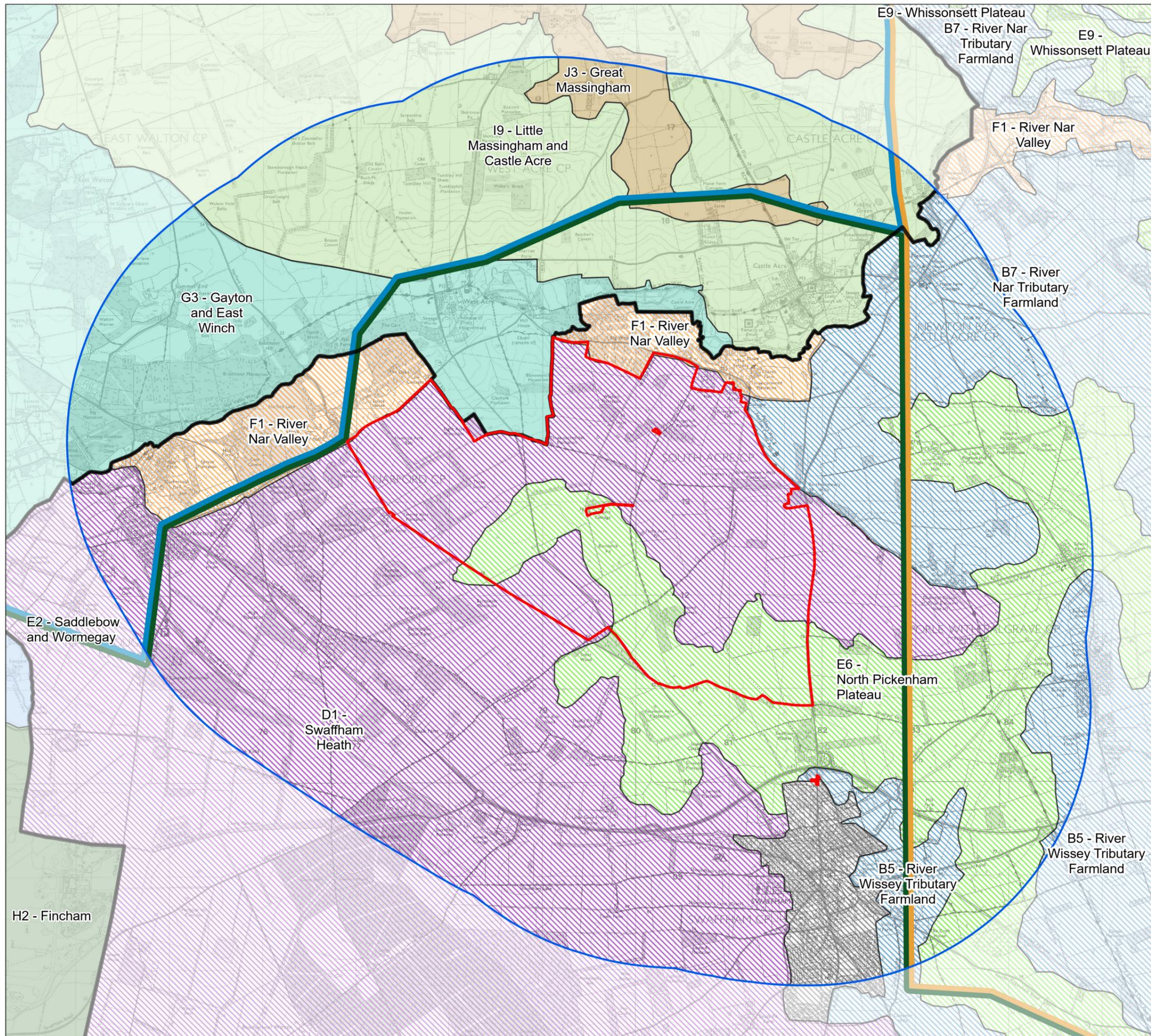
Sources: Ordnance Survey, Natural England, Breckland District Council, King's Lynn and West Norfolk Borough Council



DWG. NO. Figure 6-3

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Appendix 1.3

Figures for Chapter 7



THE DROVES
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DRAWING TITLE:
Figure 7-1 Site Location & Ecological Designations

DOCUMENT:
EIA Scoping Report

- LEGEND:
- Site Location - excluding junction improvement area for Highway Works
 - Survey Area - (Potential development footprint)
 - Special Protection Area (SPA)
 - County Wildlife Site (CWS)
 - Site of Special Scientific Interest (SSSI)
 - Roadside Nature Reserve (RNR)
 - 2km Buffer



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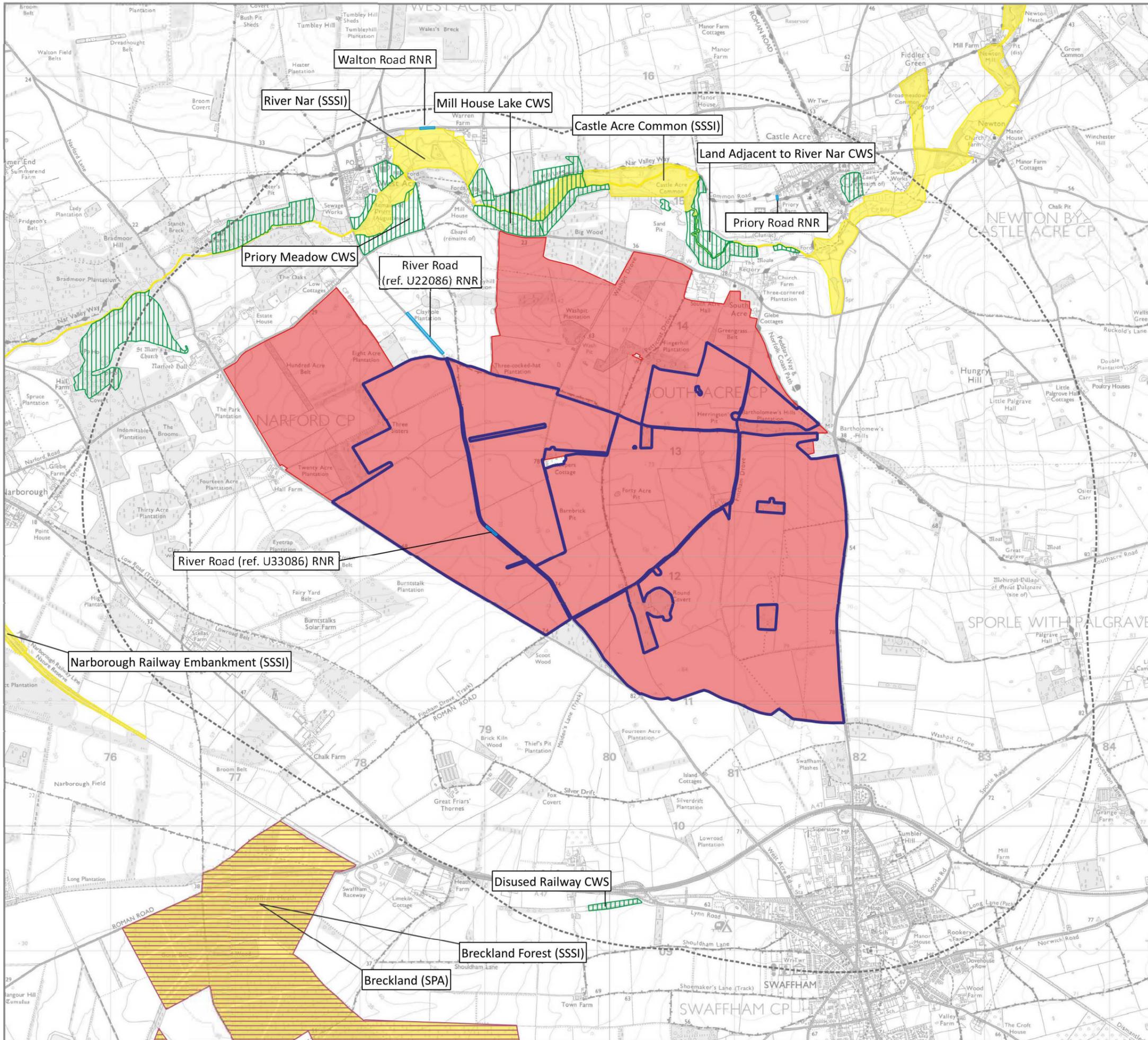


DWG. NO. Figure 7-1

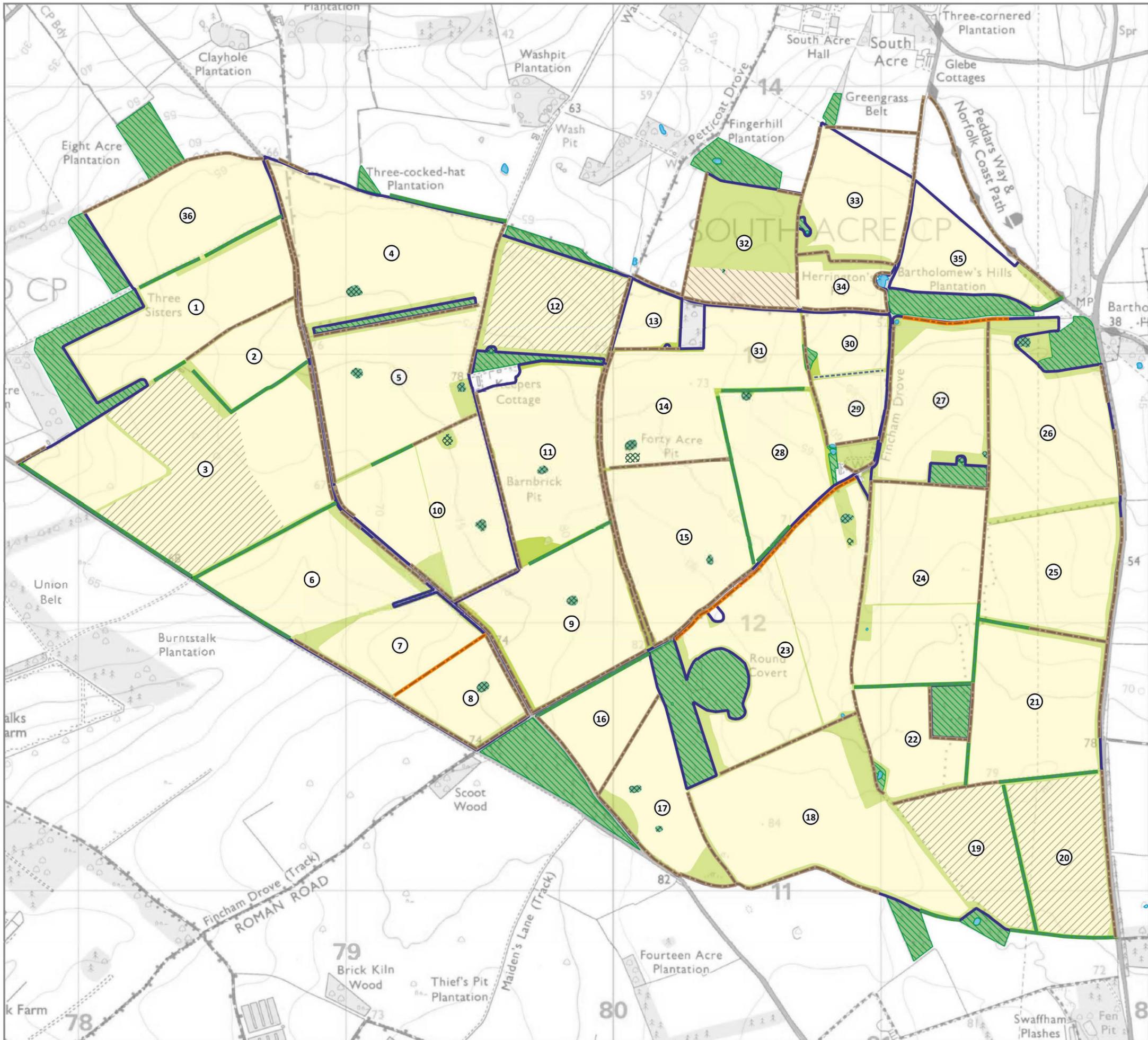
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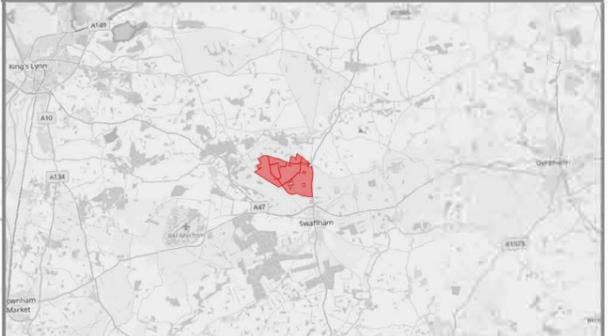
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DRAWING TITLE:
Figure 7-2 Habitats and Ecological Features

DOCUMENT:
EIA Scoping Report

- LEGEND:
- Survey Boundary
 - Arable
 - Pig grazed
 - Poultry units
 - Grassland Margin
 - Pond
 - Dense Scrub
 - Woodland
 - Line of Trees
 - Hedgerow with Trees
 - Hedgerow
 - Dry Ditch



DWG. NO. Figure 7-2

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STATUS	Rev F	APPROVED	ES

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DRAWING TITLE:
Figure 7-3 Pond Location Plan

DOCUMENT:
EIA Scoping Report

LEGEND:
[Blue outline] Survey Boundary
[Dashed line] 250m Buffer
[Cyan square] Ponds

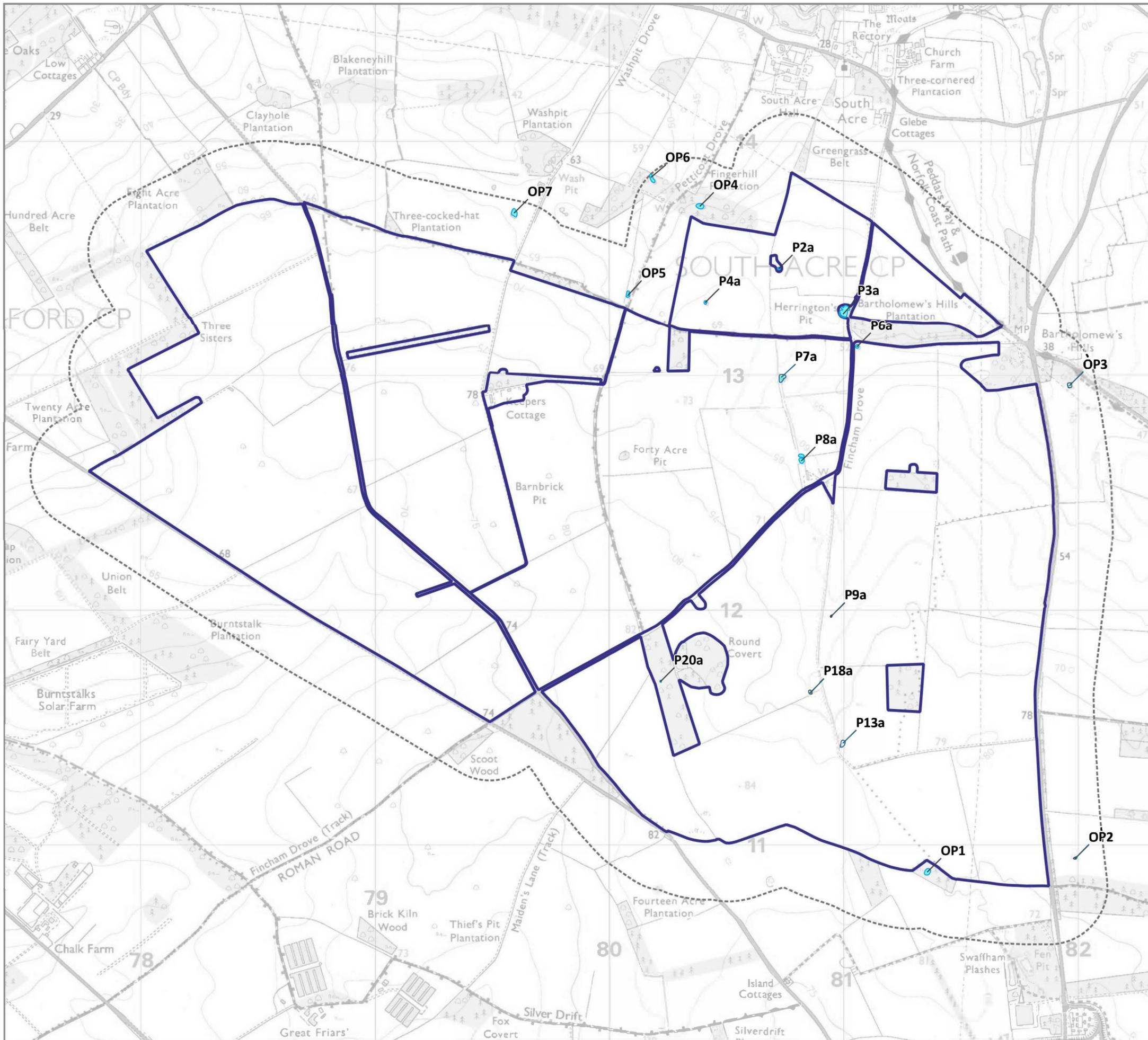
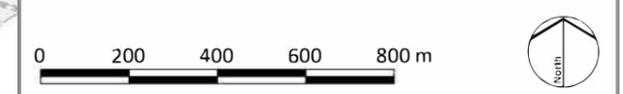


DWG. NO. Figure 7-3

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Appendix 1.4

Figures for Chapter 8

DRAWING TITLE:
Figure 8-1 The Study Area showing Designated Heritage Assets

DOCUMENT:
EIA Scoping Report

LEGEND:

	Site Boundary		Conservation Areas
	Approximately 1km, 2km and 5km from the Solar PV Site (excluding junction improvement area)		Registered Parks and Gardens
	Solar PV Site, Associated Development and Customer and National Grid Substation		Listed Buildings - Grade:
	Scheduled Monuments		Grade I
			Grade II
			Grade II*

Only high grade assets are shown between 2km and 5km from the Solar PV Site

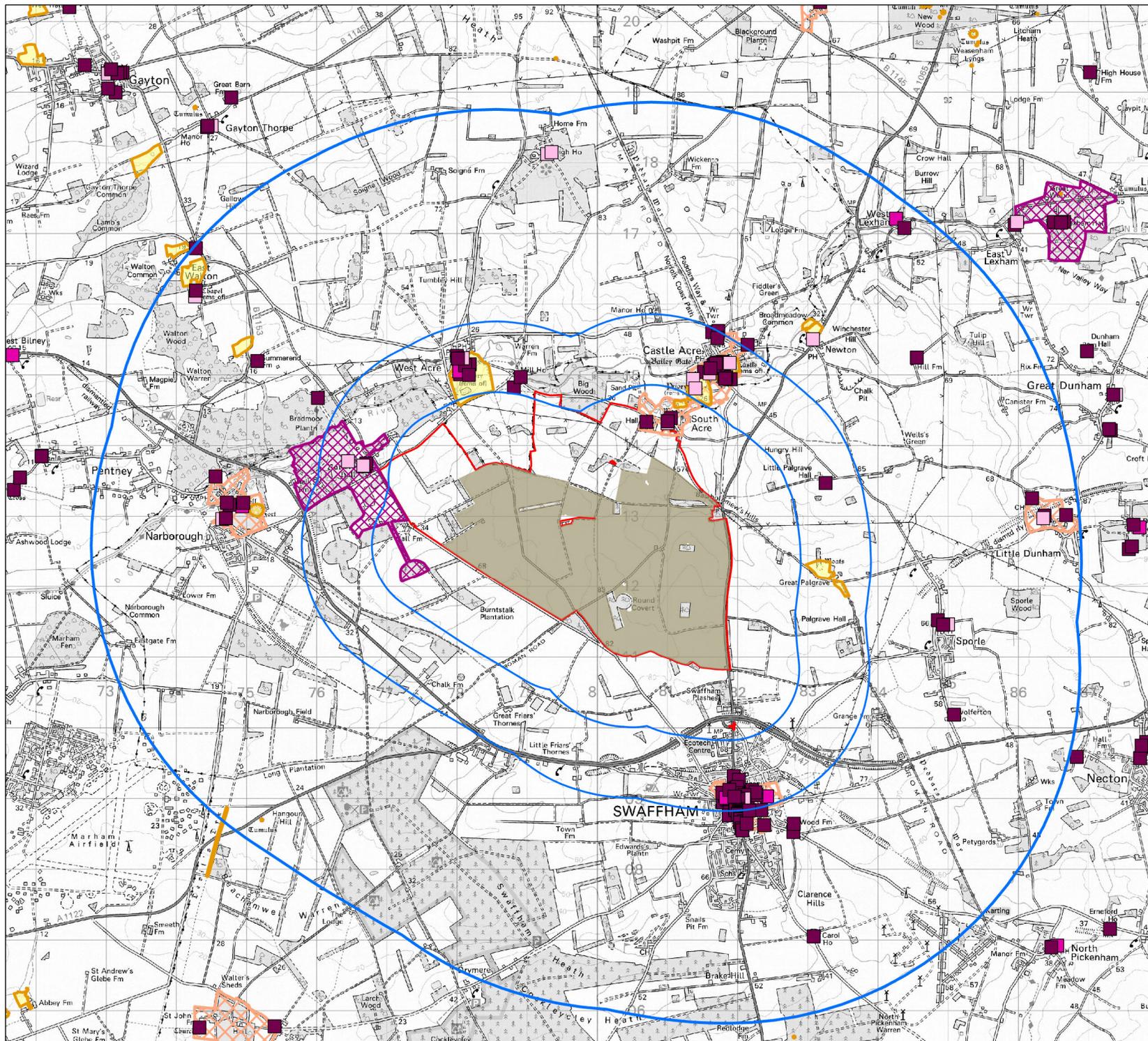
Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity, Historic England



DWG. NO. Figure 8-1

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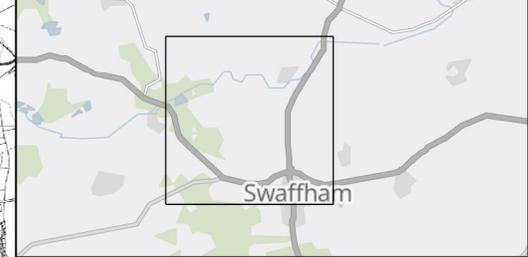


DRAWING TITLE:
Figure 8-2 The Study area showing HER Monuments

DOCUMENT:
EIA Scoping Report

- LEGEND:
-  Site Boundary
 -  Historic Environment Records (HER) - Monuments (within 1km of the Solar PV Site)

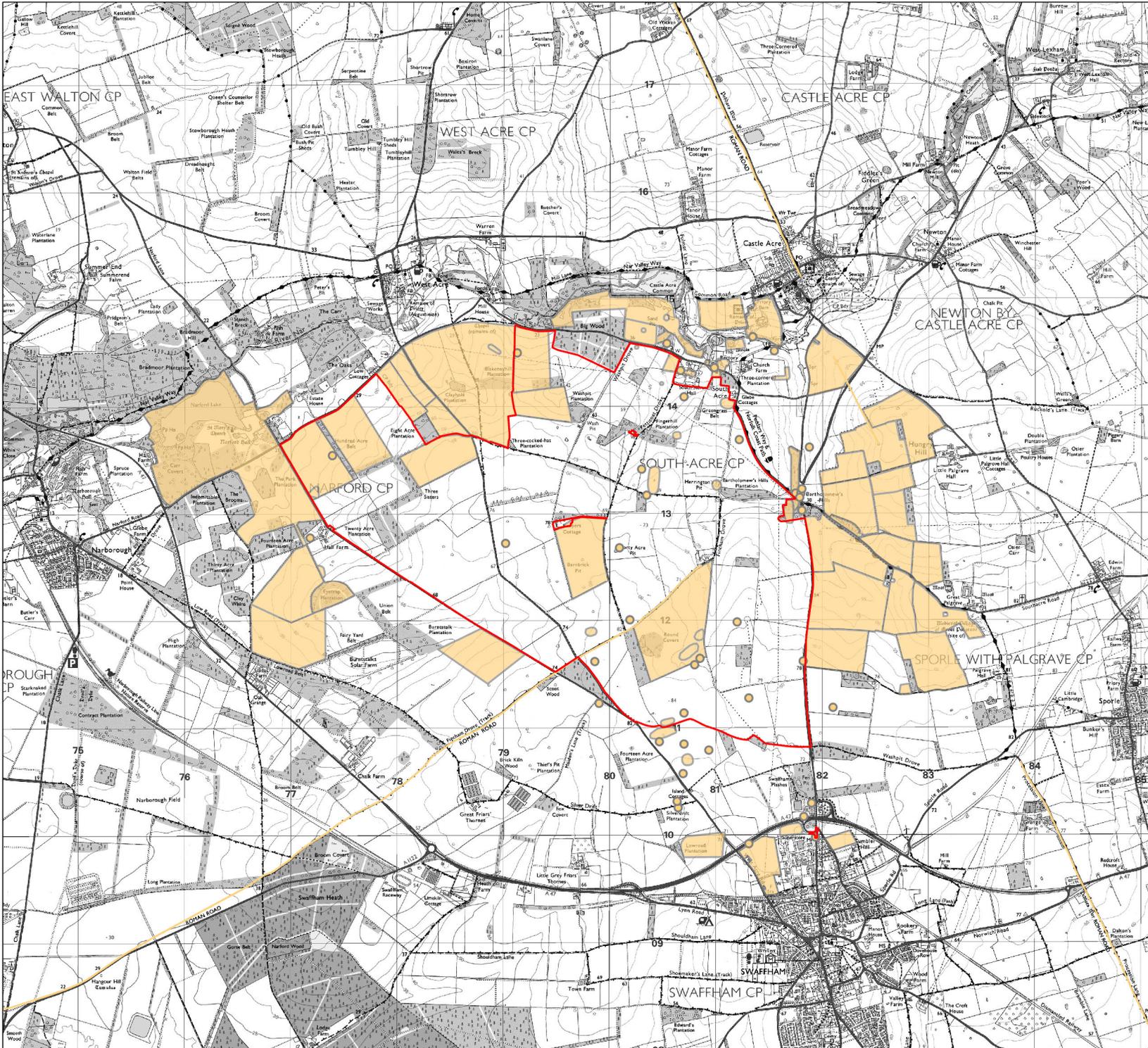
Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity, Historic England



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DRAWING TITLE:
Figure 8-3 The Study Area showing HER Events

DOCUMENT:
EIA Scoping Report

- LEGEND:
-  Site Boundary
 -  Historic Environment Records (HER) – Events (within 1km of the Solar PV Site)

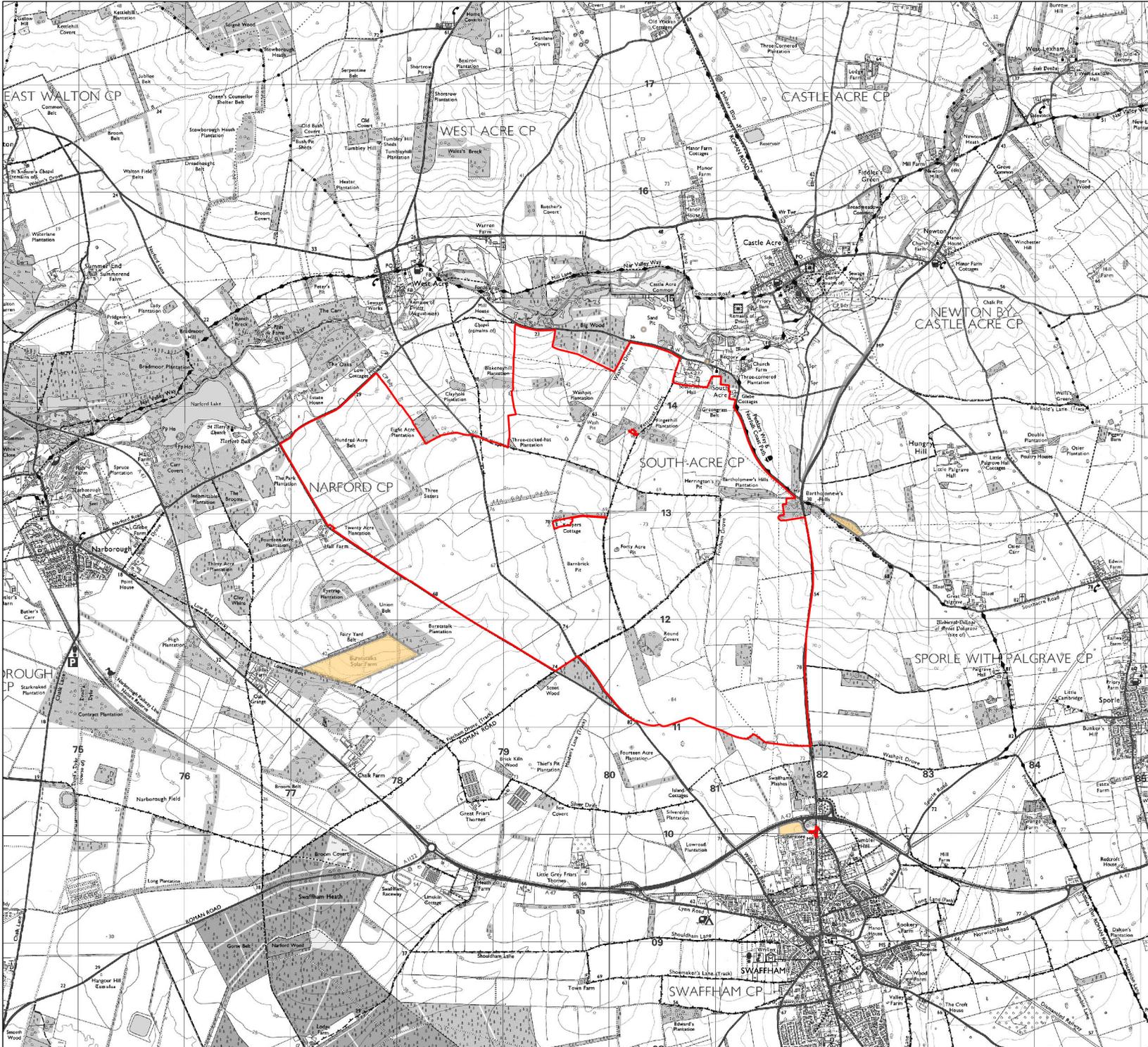
Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity, Historic England



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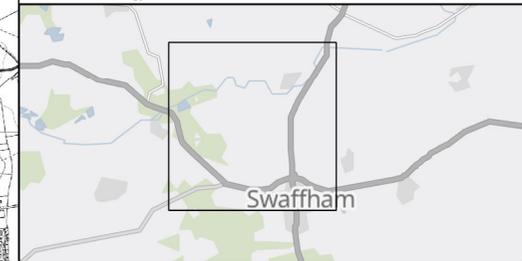


DRAWING TITLE:
Figure 8-4 The Study Area showing Interim Geophysical Survey Interpretation

DOCUMENT:
EIA Scoping Report

LEGEND:
 Site Boundary
 Possible archaeological finds

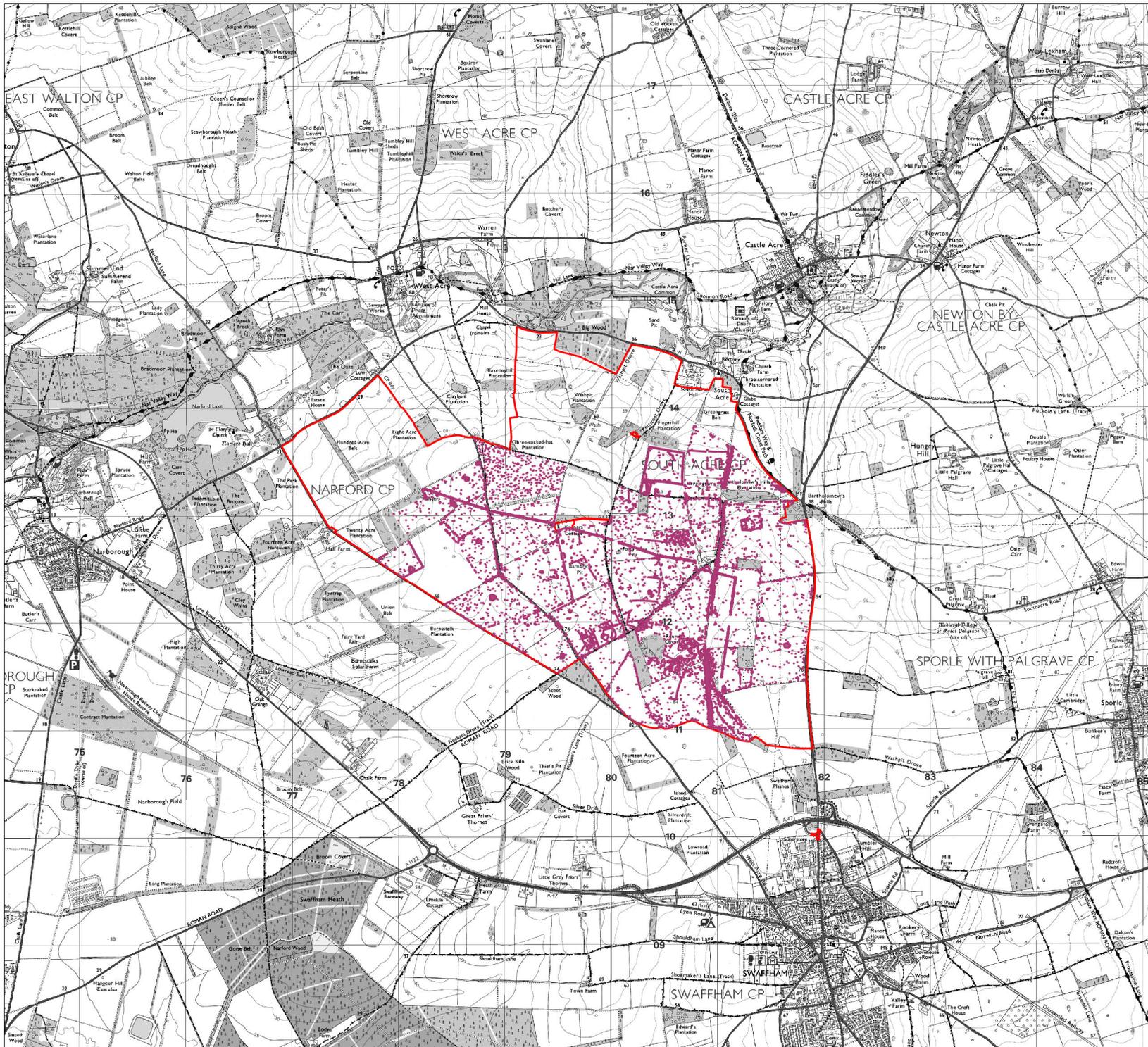
Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity, Headland Archaeology



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Appendix 1.5

Figures for Chapter 9

LEGEND:

- Site Boundary
- Route A
- Route B
- Route C

Highways highlighted (brown/orange and grey) other than those coloured above are not relevant or included in the Proposed Access

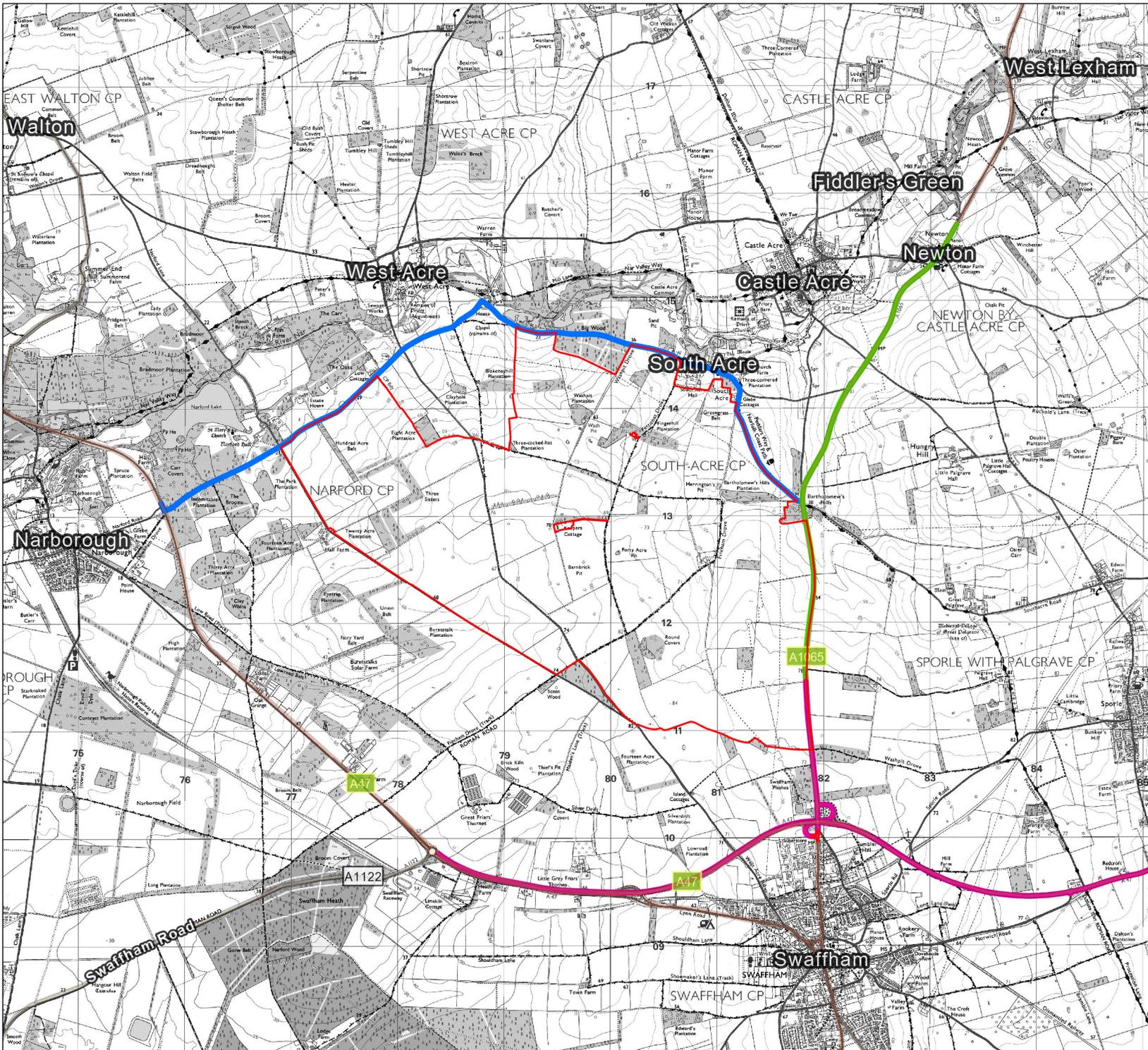
Sources: Ordnance Survey, Island Green Power (IGP), WSP, Velocity



DWG. NO. Figure 9-1

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Appendix 1.6

Figures for Chapter 10