

AtkinsRéalis



# Scoping Report - Appendix A Figures

Uniper UK Limited

March 2026

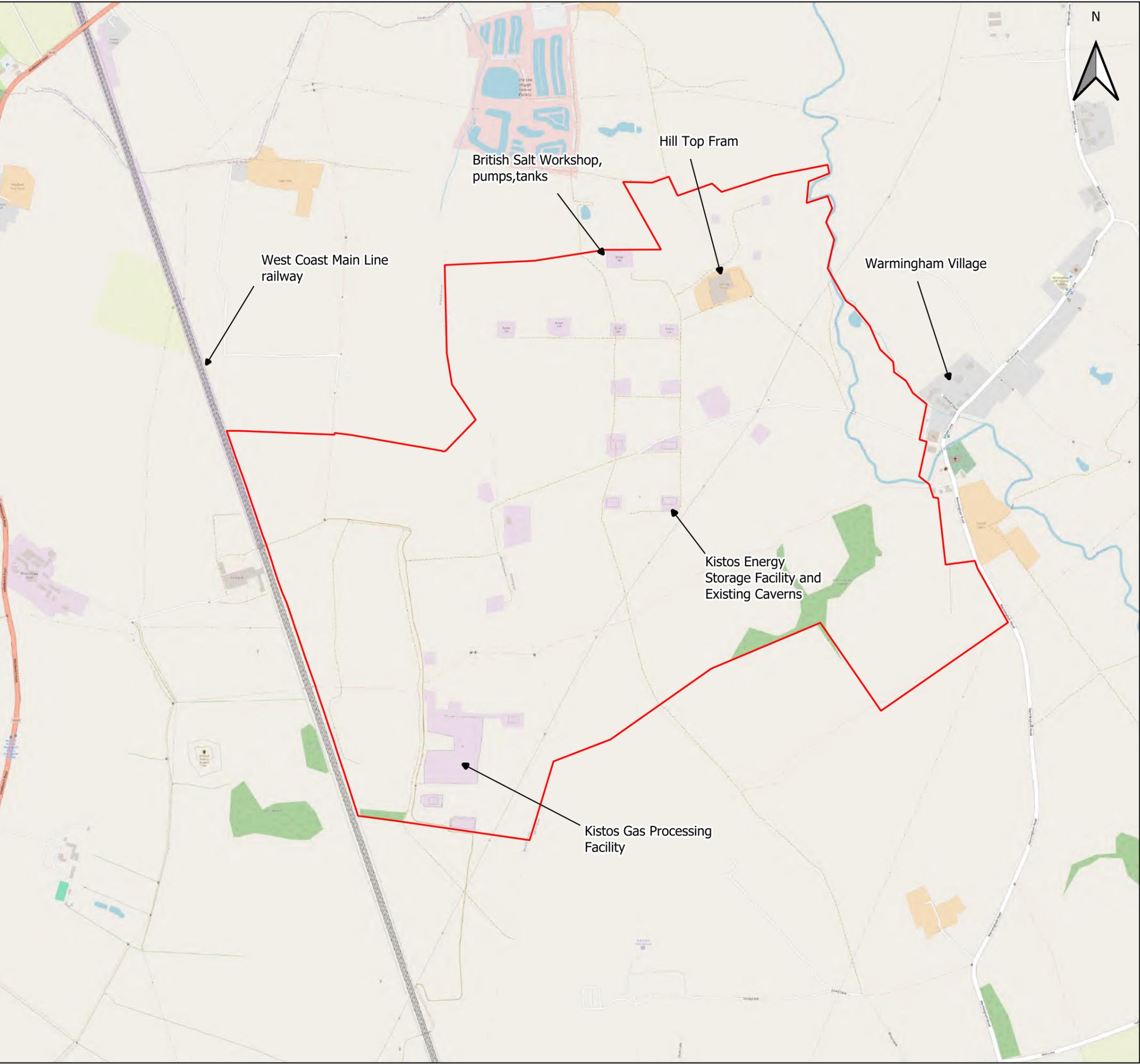
# SALINAE HYDROGEN STORAGE PROJECT

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# FIGURE 1-1

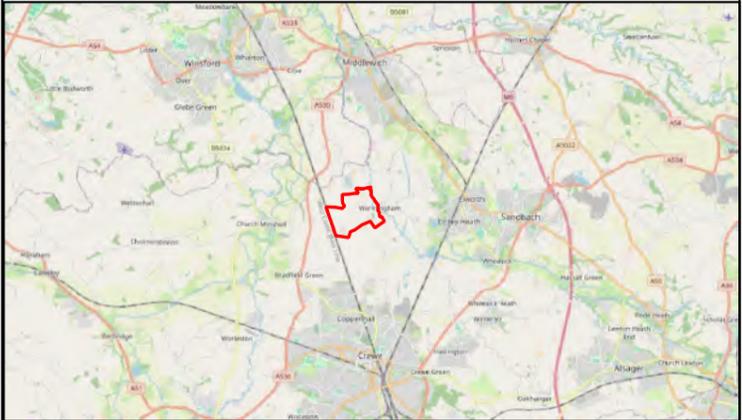
Site Boundary



**The Site**

**Legend**

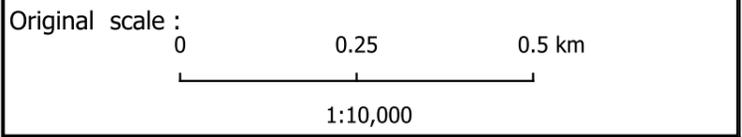
Site Boundary



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Salinae Hydrogen Storage Project

Job No:10021940

Version:1.0

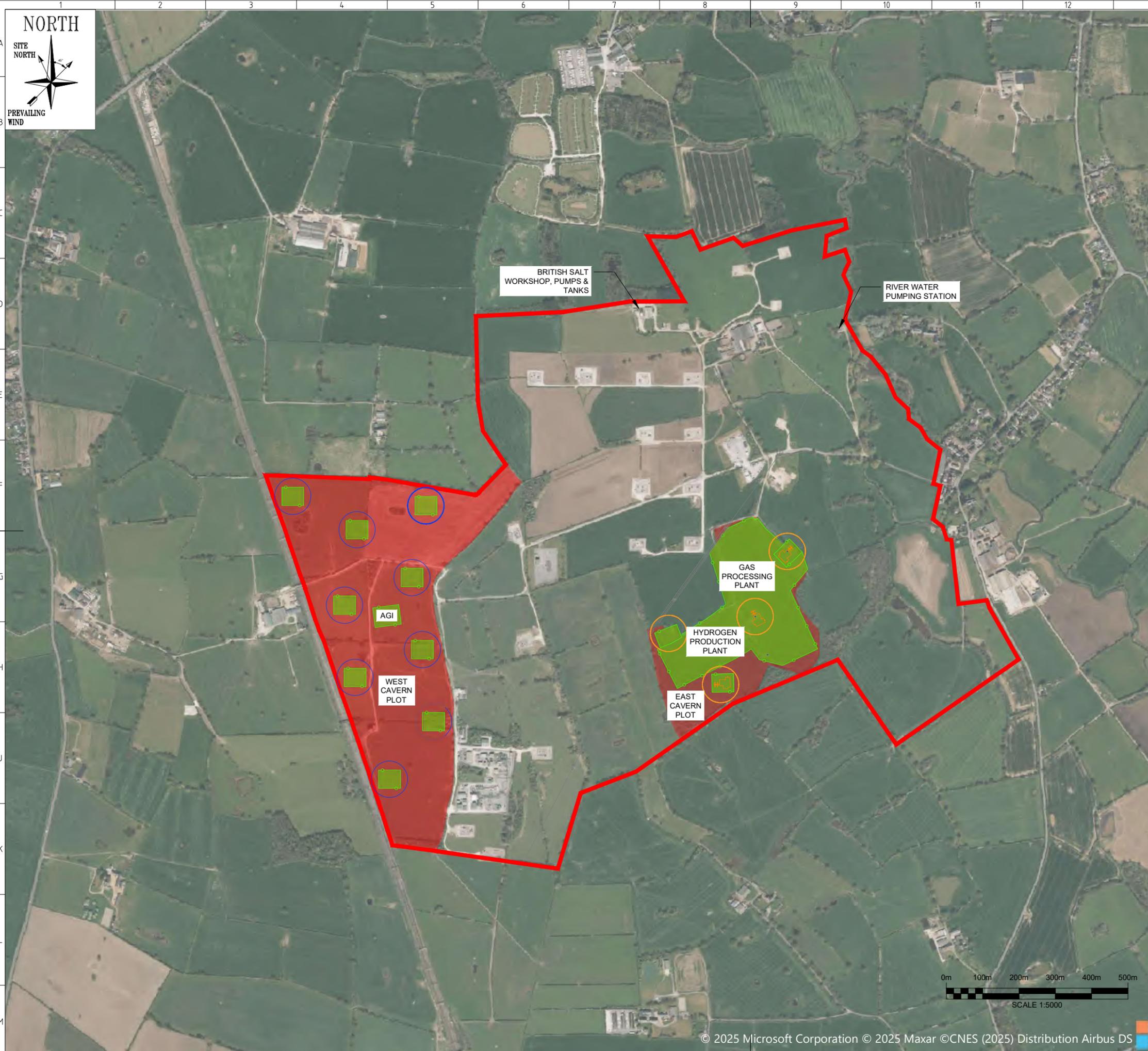
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# FIGURE 2-1

Indicative Layout of the Proposed Development



**KEY:**

- CAVERN PLOT BOUNDARIES
- FENCED PROCESS AREAS (WELLPADS, AGI & PROCESS PLANT)
- EAST CAVERN EXTENTS (EXISTING PERMISSION)
- WEST CAVERN EXTENTS
- SITE BOUNDARY
- WELLPADS
- TYPICAL DRILLING RIG FOOTPRINT

**ABBREVIATIONS:**  
 AGI ABOVE GROUND INTERFACE

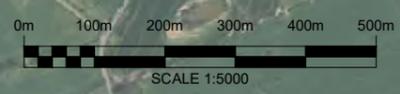
**NOTES:**  
 1. THIS LAYOUT IS INDICATIVE AT THIS STAGE AND ONLY SHOWS SOME OF THE PROPOSED INFRASTRUCTURE REQUIRED AS PART OF THE PROPOSED DEVELOPMENT. THE SITE BOUNDARY INCLUDES FLEXIBILITY FOR DECISIONS YET TO BE MADE ON ASPECTS OF SITING (E.G. THE LOCATION OF THE ABOVE GROUND INTERFACE FOR THE THIRD PARTY PIPELINE CONNECTION; THE ROUTING OF THE PIPELINE CONNECTIONS AND ELECTRICAL SERVICES FROM THE GAS PROCESSING PLANT TO THE WELLPADS; THE ROUTING OF UNDERGROUND PIPELINES TO CARRY WATER FROM, AND BRINE TO, HILL TOP FARM TO FACILITATE LEACHING), AND FOR TEMPORARY LAYDOWN AND WORKING AREAS. THEREFORE, THE SITE BOUNDARY AT THIS STAGE COMPRISES A LARGER AREA THAN IS REQUIRED TO DELIVER THE PROPOSED DEVELOPMENT.

01	GM	30.01.2026	REISSUED FOR COMMENT	NF	30.01.2026	MD	30.01.2026
00	GM	10.11.2025	ISSUED FOR COMMENT	NF	10.11.2025	MD	10.11.2025
Rev.	Name	Date	Description of revision	Checked	Date	Approved	Date
Project-No. SAP-PSP		Project Doc-ID. 100117376-ATR-ZZ-XX-DDRW-ME-007		Status		01	
Site/Designation						Review status	
<b>Salinae</b>						Work In Progress	
<b>HYDROGEN STORAGE PROJECT</b>							

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**Contractor:**  
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Part of Plant		YAG	
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Document title		DC: FB020	
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SAL-ATK-PI-MLD010-0007		Doc-Phase: Conceptual Design	
100117376-ATR-ZZ-XX-DDRW-ME-007		Purpose: For Review	
End Customer document ID		Confidentiality: Internal	
SAL-ATK-PI-MLD010-0007		Rev. P02	
Contractor document ID		Drawn: G. MACLEAN	
100117376-ATR-ZZ-XX-DDRW-ME-007		Rev. P02	
Engineering subcontractor document ID		Date: 10.11.2025	
Originator Doc ID: N/A		Discipline: TBC	
Scale: 1:5000		Size: A1	
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# FIGURE 5-1

## Environmental Constraints Plan

# Environmental Constraints Map

## Legend

-  Site Boundary
-  250m Buffer
-  1km Buffer
-  2km Buffer
-  River Wheellock
-  Flood Defence
-  Flood zone 3
-  Flood zone 2
-  Warmingham Conservation Area
-  Site of Special Scientific Interest
-  Ridding Farm Ponds Local Wildlife Site
-  Noise Important Areas
-  Public Right of Way
-  Scheduled Monuments
-  Landfill
-  Historical Landfill
- Listed Buildings**
-  II Grade
-  II\* Grade
- Priority Habitats**
-  Deciduous woodland
-  Good quality semi improved grassland
-  No main habitat but additional habitats present
-  Traditional orchard
- Provisional Agricultural Land Classification**
-  Grade 3
-  Grade 4



Note: Warmingham Conservation Area and the Ridding Farm Ponds Local Wildlife Site have been mapped using the boundaries available on the Cheshire East Council website and data provided by RECORD, and should therefore be considered indicative only. Other non-statutory nature conservation designations located outside the Site have not been shown.

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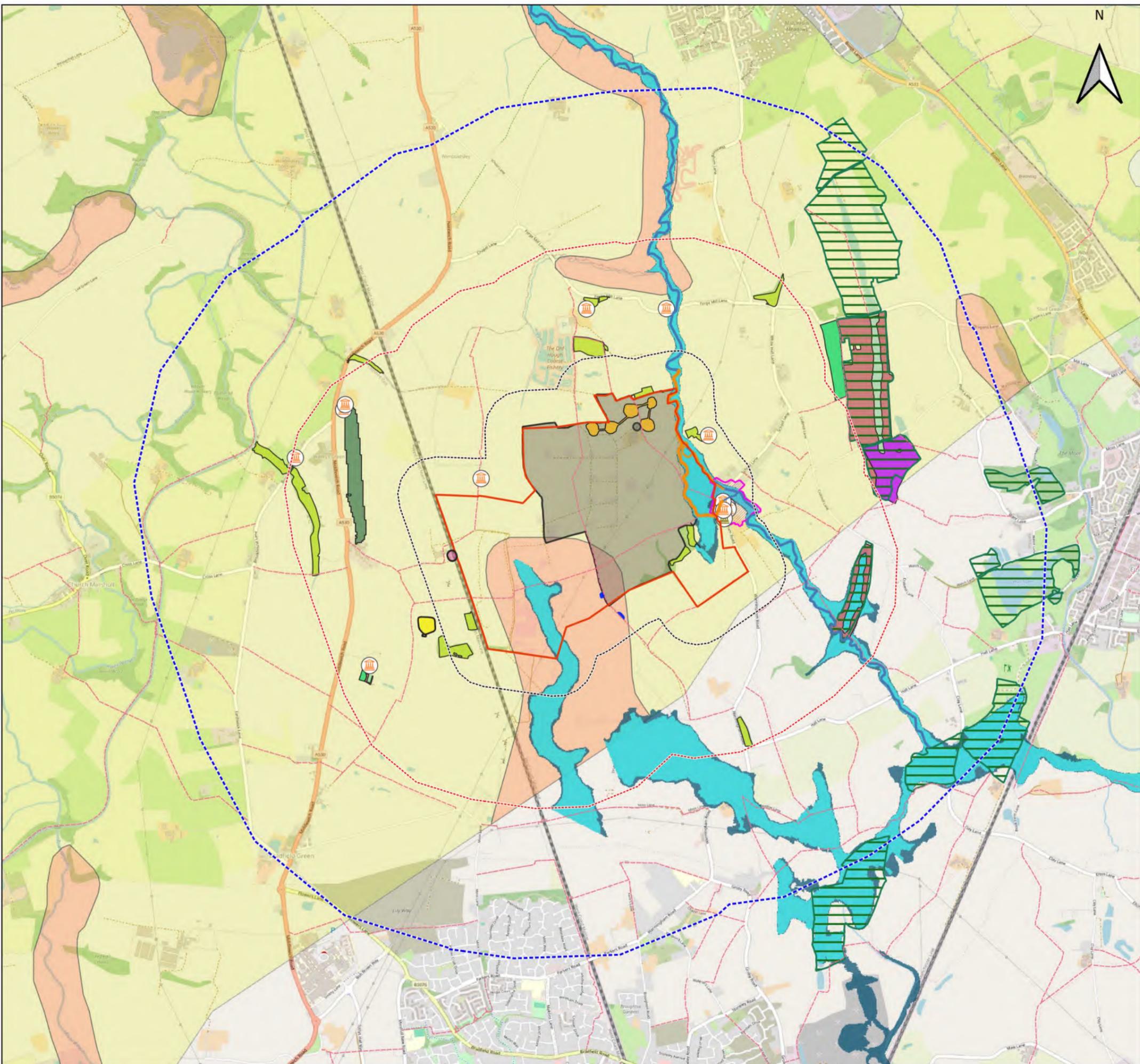
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# FIGURE 5-2

Visual Receptors

# Visual Receptors

## Legend

- ▭ Site Boundary
- ▭ 1km Buffer
- Indicative Static Visual Receptors
- - - Indicative Transient Visual Receptors (PRoW)
- - - Long Distance Footpath - Crewe and Nantwich Circular Walk

Number	Descriptions
1	Views from receptors within Warmingham and viewpoints from within the Conservation Area, St Leonard's Church and Scheduled Monument
2	Hill Top Farm residents and employees and Kistos Energy employees
3	Users of Old Hough Coarse Fishery
4	Park Hall Farm residents and employees
5	Park House Farm residents and employees
6	Properties on White Hall Lane
7	Properties on Forge Mill Lane
8	Properties on Warmingham Road
9	Stocia Farm residents and employees
10	Ridding Farm residents and employees
11	Five Oaks Farm residents and employees
12	Moss Farm residents and employees
13	Spring Farm residents and employees
14	Properties within Bradfield Green
15	Views from Minshull Vernon Scheduled Monument
16	Kistos Gas Processing employees
17	Parkfield Farm residents and employees
18	Moat Farm residents and employees
19	Properties within Walley's Green
20	Brook House Farm residents and employees
21	Properties on Middlewich Road
22	Minshall Hall Court residents and employees

Note :NB All PRoW within 1km will be assessed for views on Site and routes will be assessed as groups of PRoW with similar views/impacts  
All roads within the 1km area will be assessed as well as users of the railway line to the east of the site

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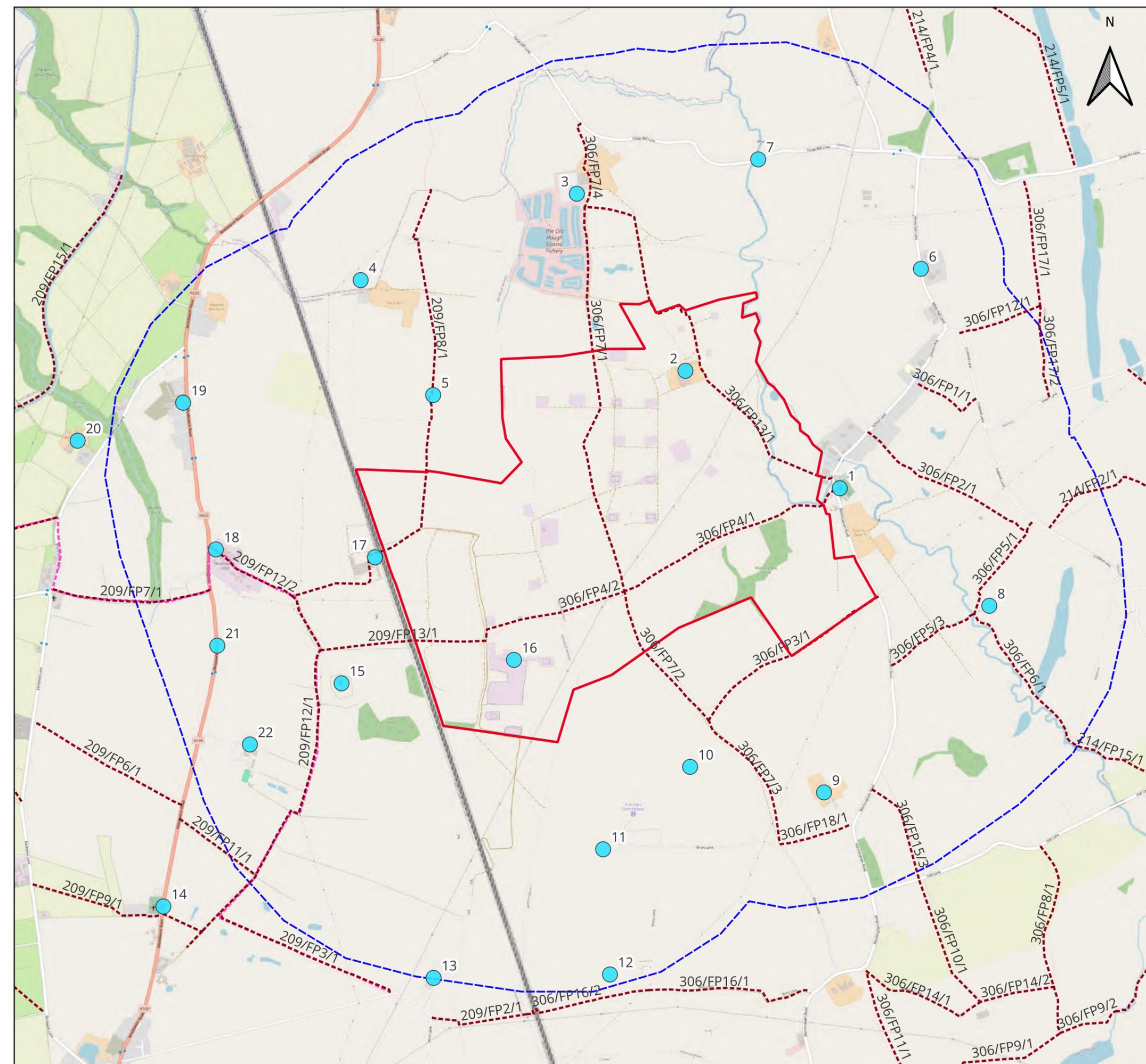
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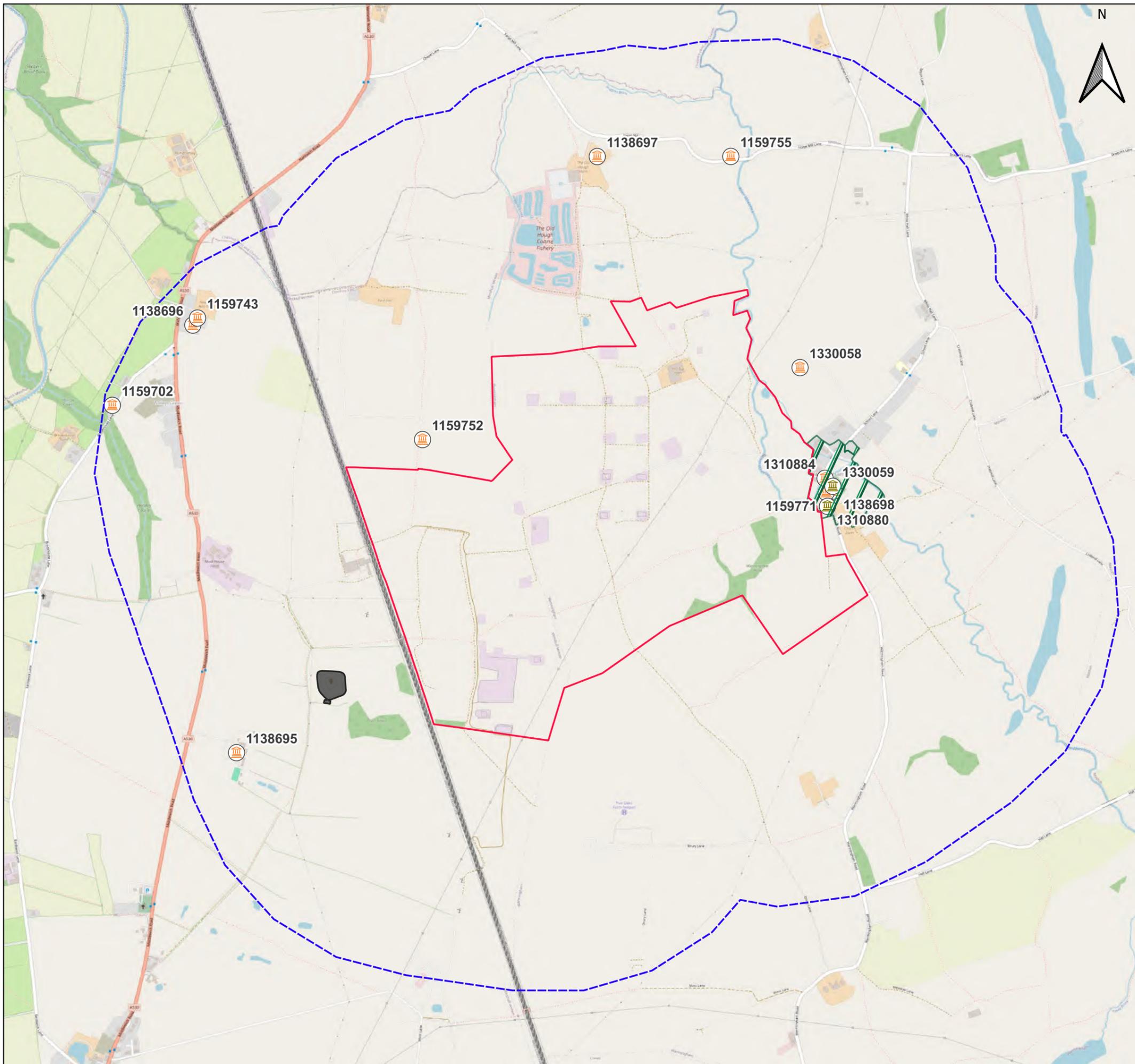
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# FIGURE 5-3

Designated Heritage Assets



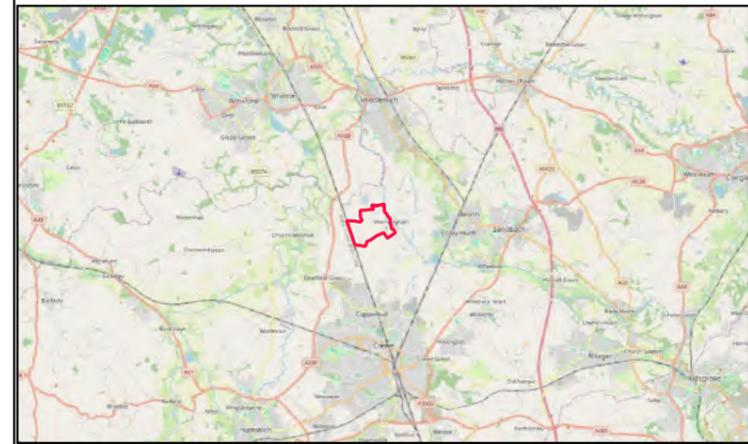
## Designated Heritage Assets

### Legend

- Site Boundary
- 1km Buffer
- Conservation Areas
- Scheduled Monuments

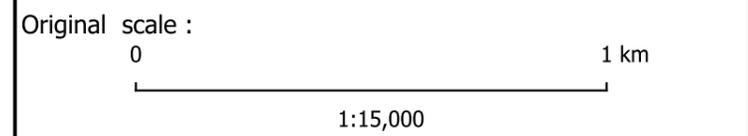
### Listed Buildings

- Grade II
- Grade I\*



Data Note :The conservation area shown has been drawn based on the boundary available on the Cheshire East Council website and should be considered indicative only

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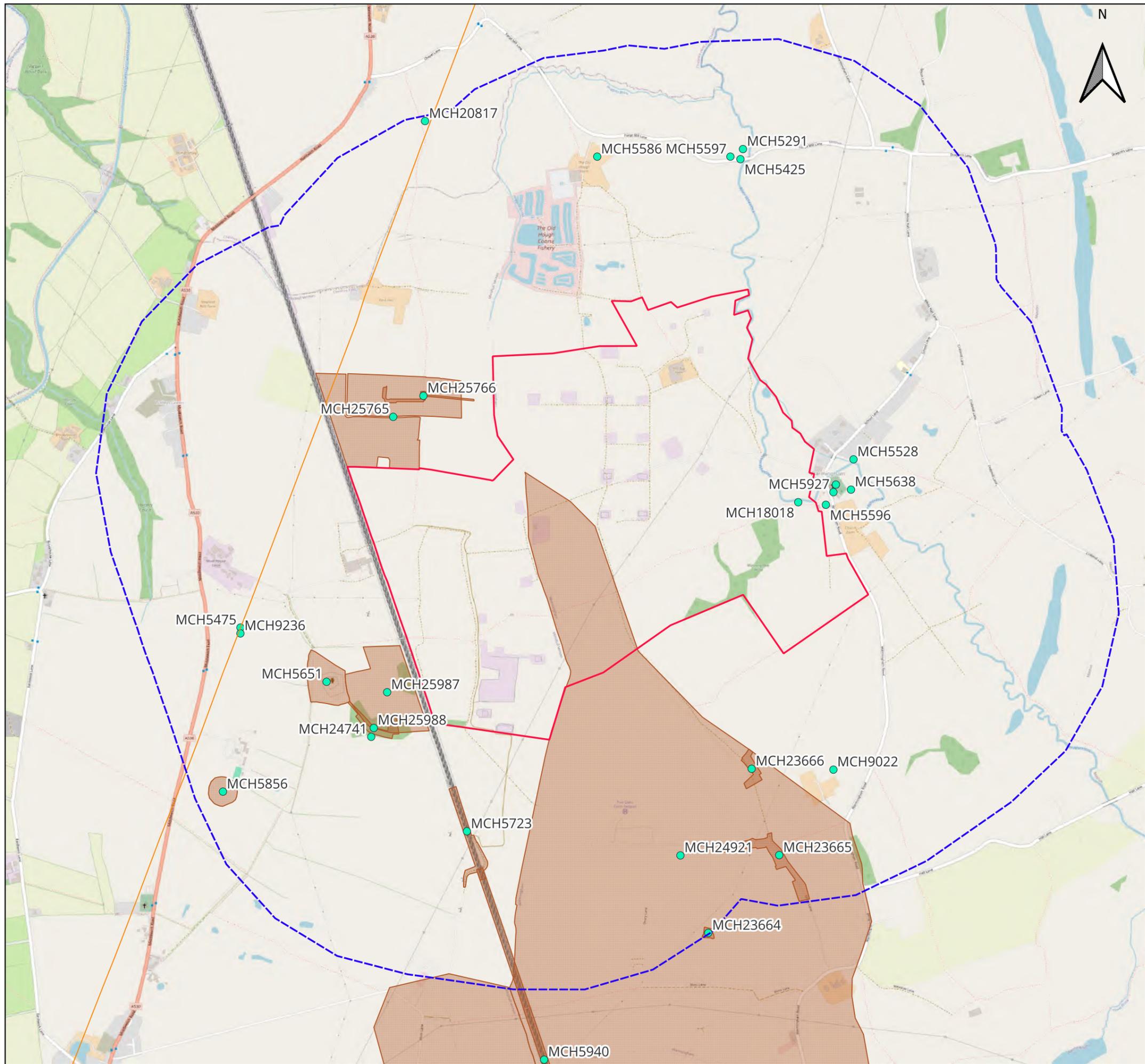
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# FIGURE 5-4

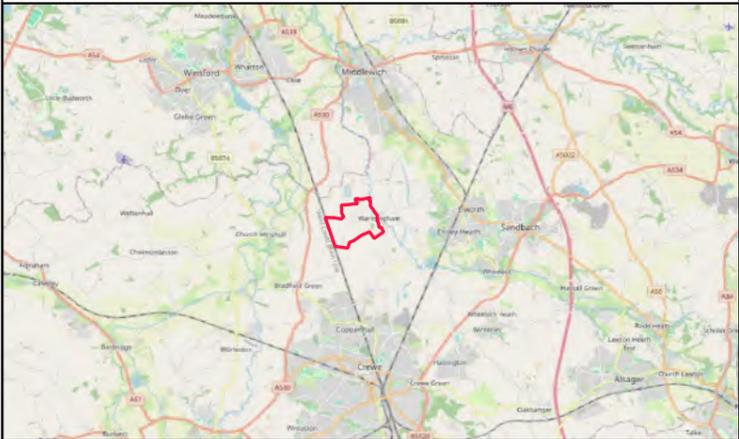
Non-designated Heritage Assets



### Non-Designated Heritage Assets

#### Legend

- Site Boundary
- - - 1km Buffer
- Monuments
- Monuments Area
- Monuments Lines



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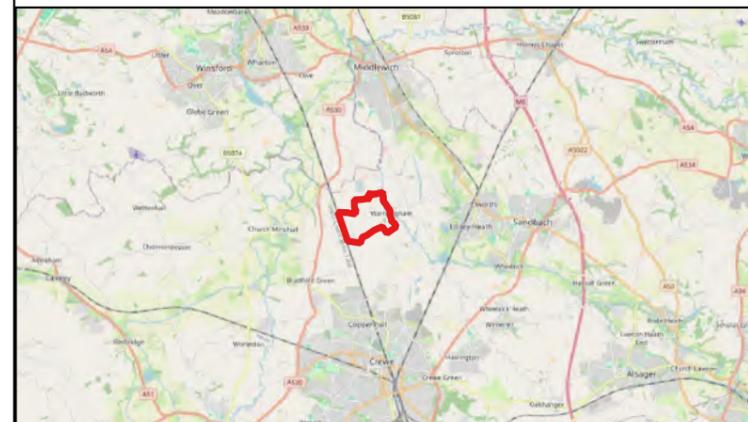
# FIGURE 5-5

Water Framework Directive Watercourses and  
Fluvial Flood Risk

# Water Framework Directive Watercourses and Fluvial Flood Risk

## Legend

- Site Boundary
- Buffer - 1 km
- WFD Classified Watercourse
- Flood Defence
- Flood zone 3
- Flood zone 2



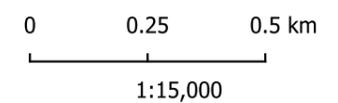
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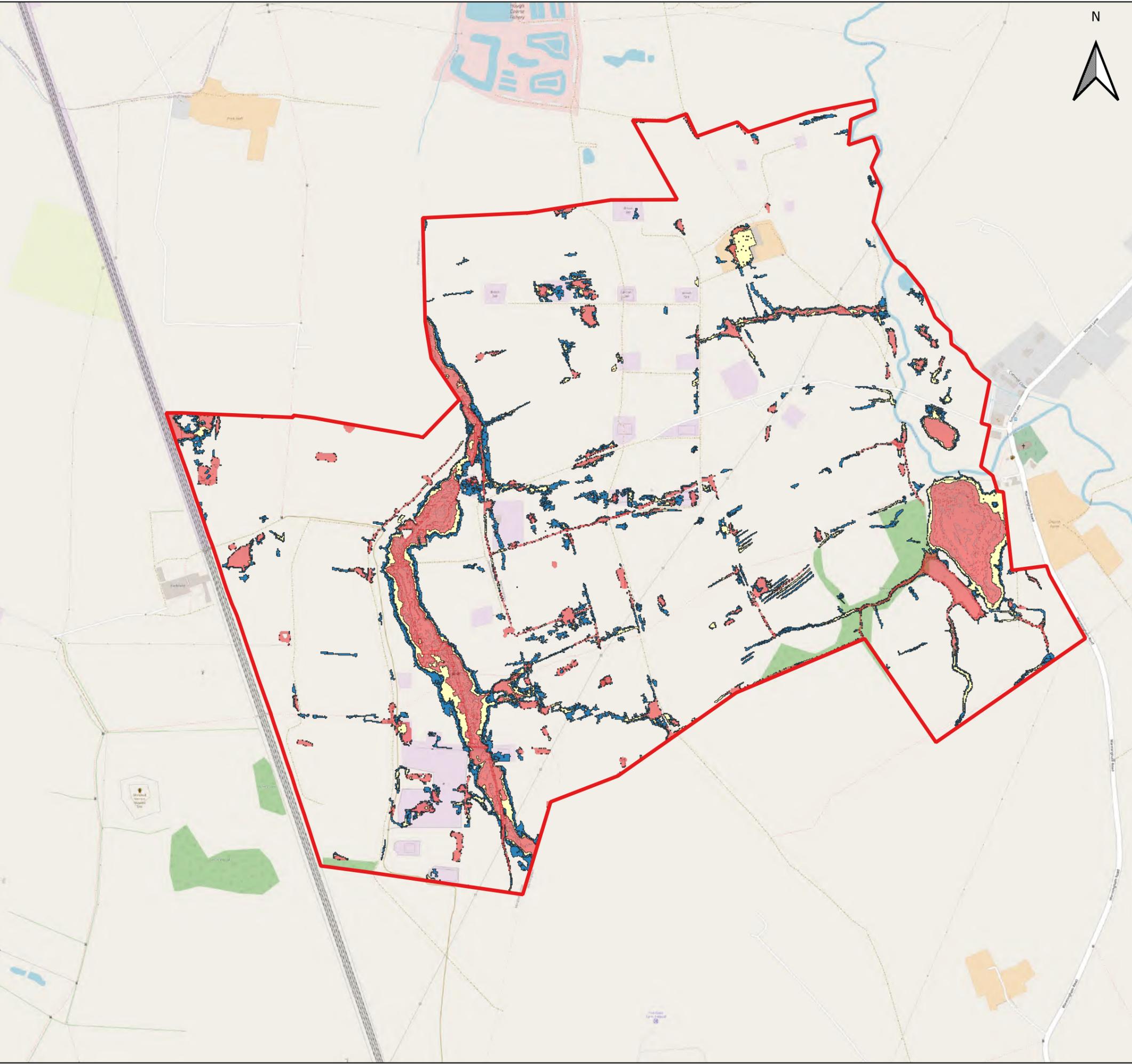
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# FIGURE 5-6

Risk of Flooding from Surface Water



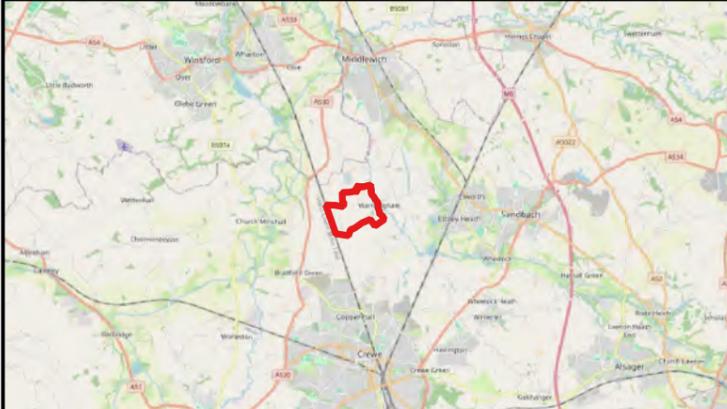
**Risk of Flooding from Surface Water**

**Legend**  
 Site Boundary

**Risk of Flooding from Surface Water**

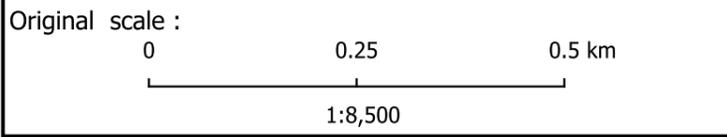
**Climate Change**

- High
- Medium
- Low



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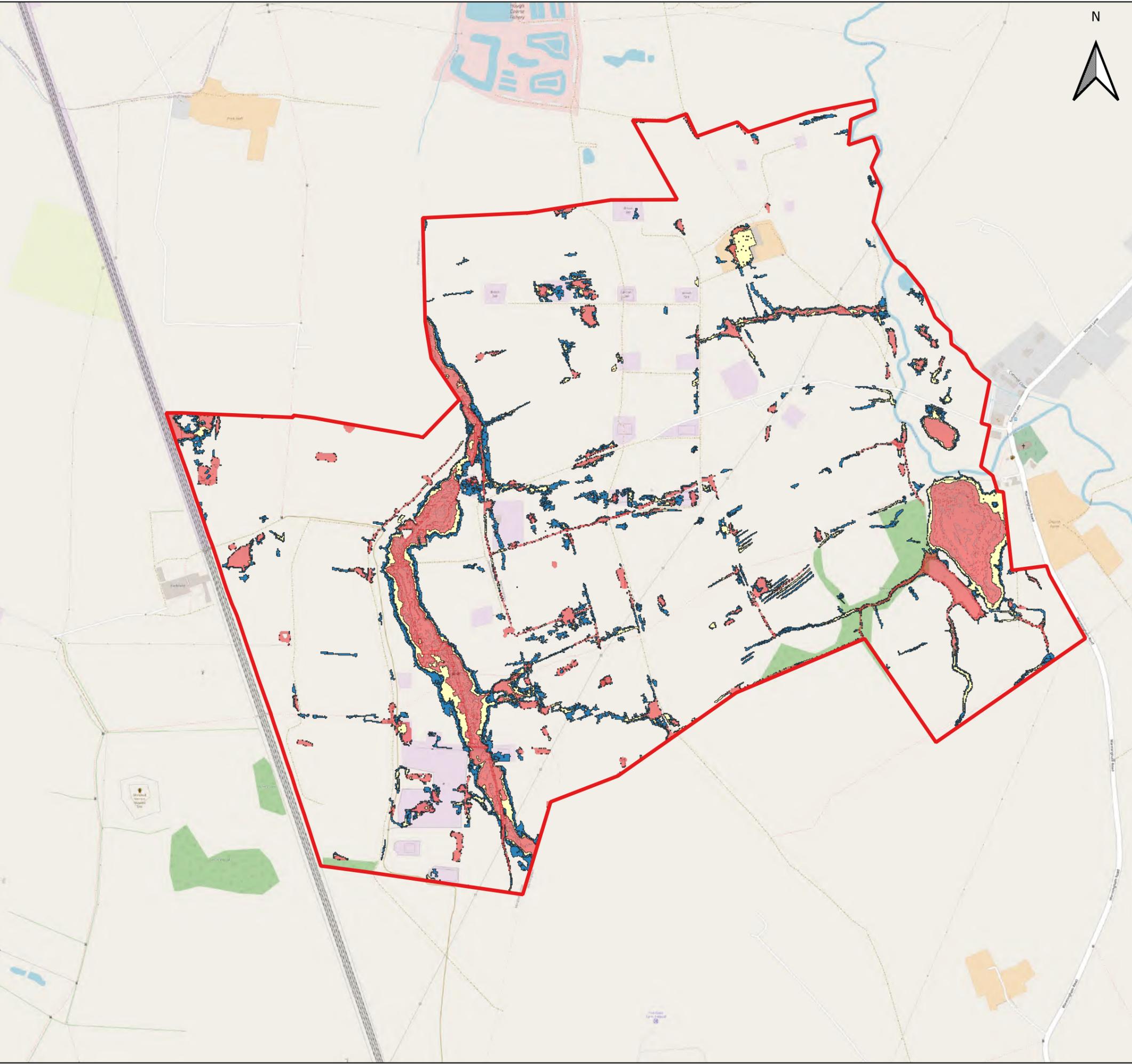
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# FIGURE 5-7

Risk of Flooding from Surface Water (Climate Change)



## Risk of Flooding from Surface Water (Climate Change)

### Legend

Site Boundary

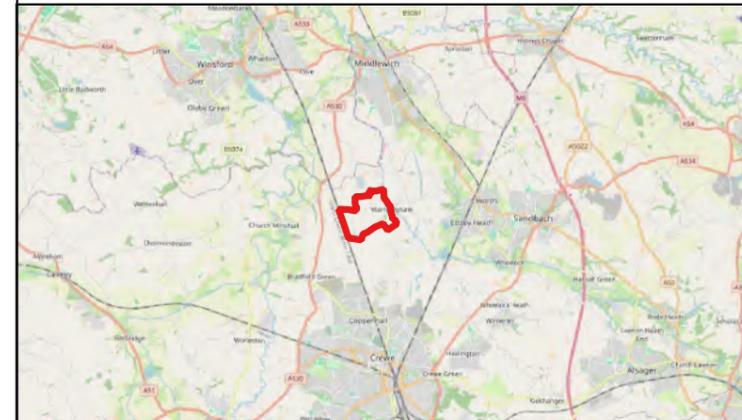
### Risk of Flooding from Surface Water

#### Climate Change

High

Medium

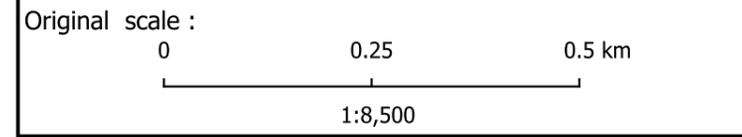
Low



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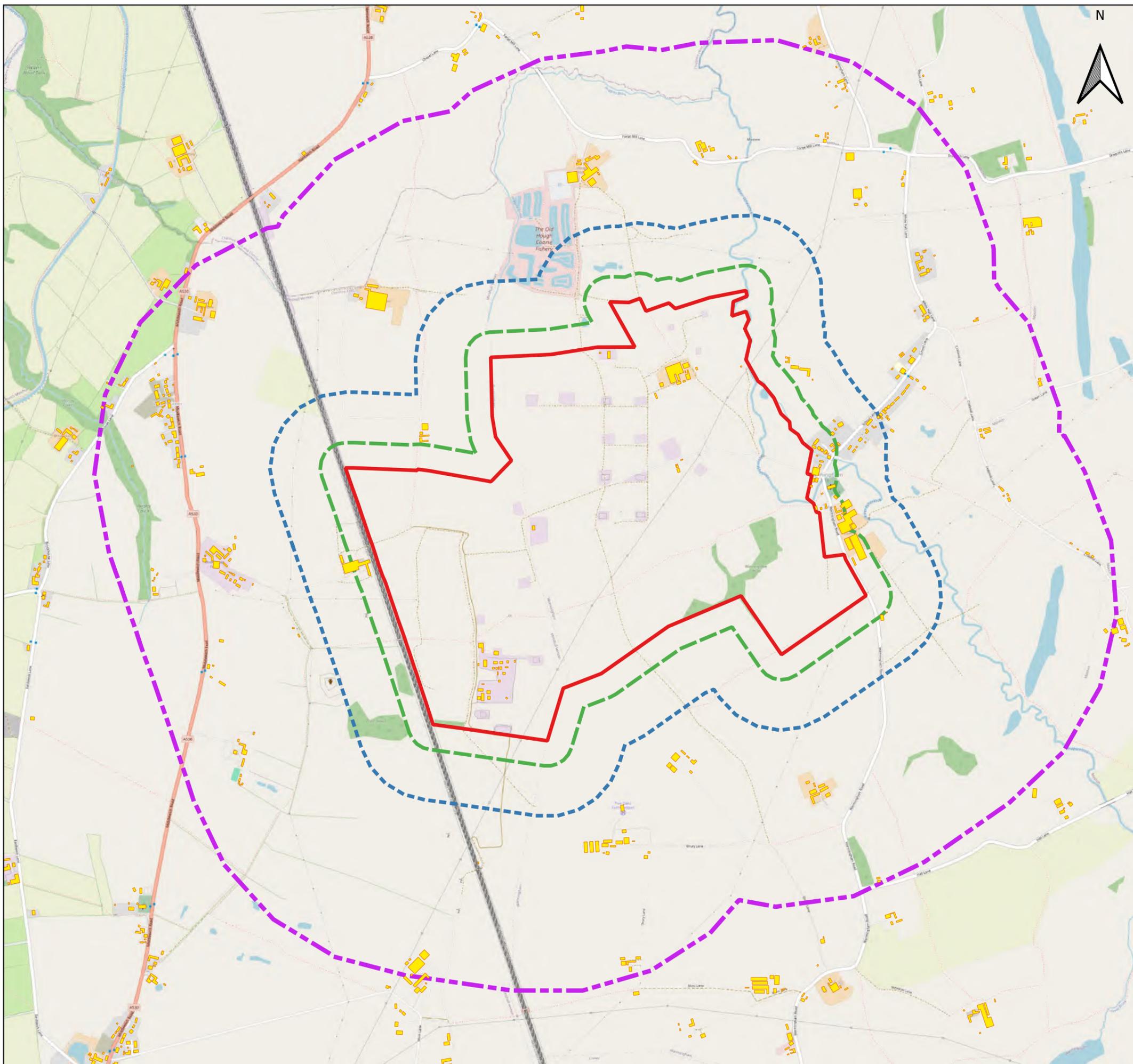
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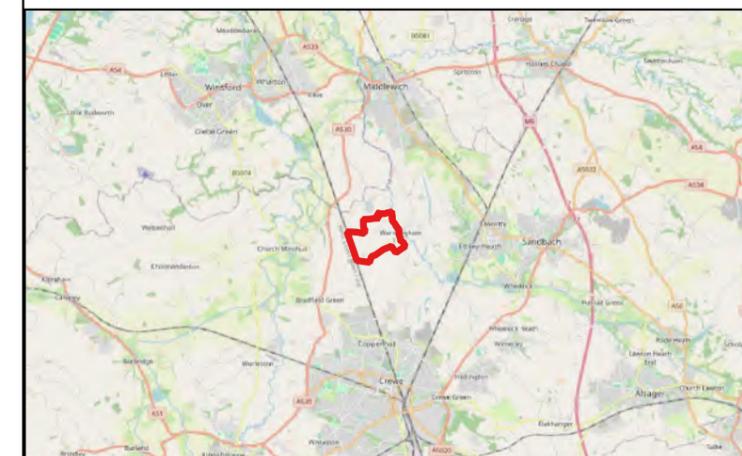
Noise and Vibration Study Areas



## Noise and Vibration Study Areas

### Legend

- Buildings and Potential Noise Sensitive Receptors
- 100m Construction Vibration Study Area
- 300m Construction Noise Study Area
- 1km Operational Noise Study Area
- Site Boundary



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