

A46 Coventry Junctions (Walsgrave) Scheme Number: TR010066

6.2 Environmental Statement Figures Figures 5.9 - 5.11c

APFP Regulation 5(1)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009

Volume 6

June 2025

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

**A46 Coventry Junctions (Walsgrave)
Development Consent Order 202[x]**

ENVIRONMENTAL STATEMENT FIGURES
Figures 5.9 - 5.11c

Regulation Number	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010066
Application Document Reference	TR010066/APP/6.2
Author	A46 Coventry Junctions (Walsgrave) Project Team, National Highways

Version	Date	Status of Version
Rev 0	November 2024	Application Issue
Rev 1	June 2025	Deadline 3

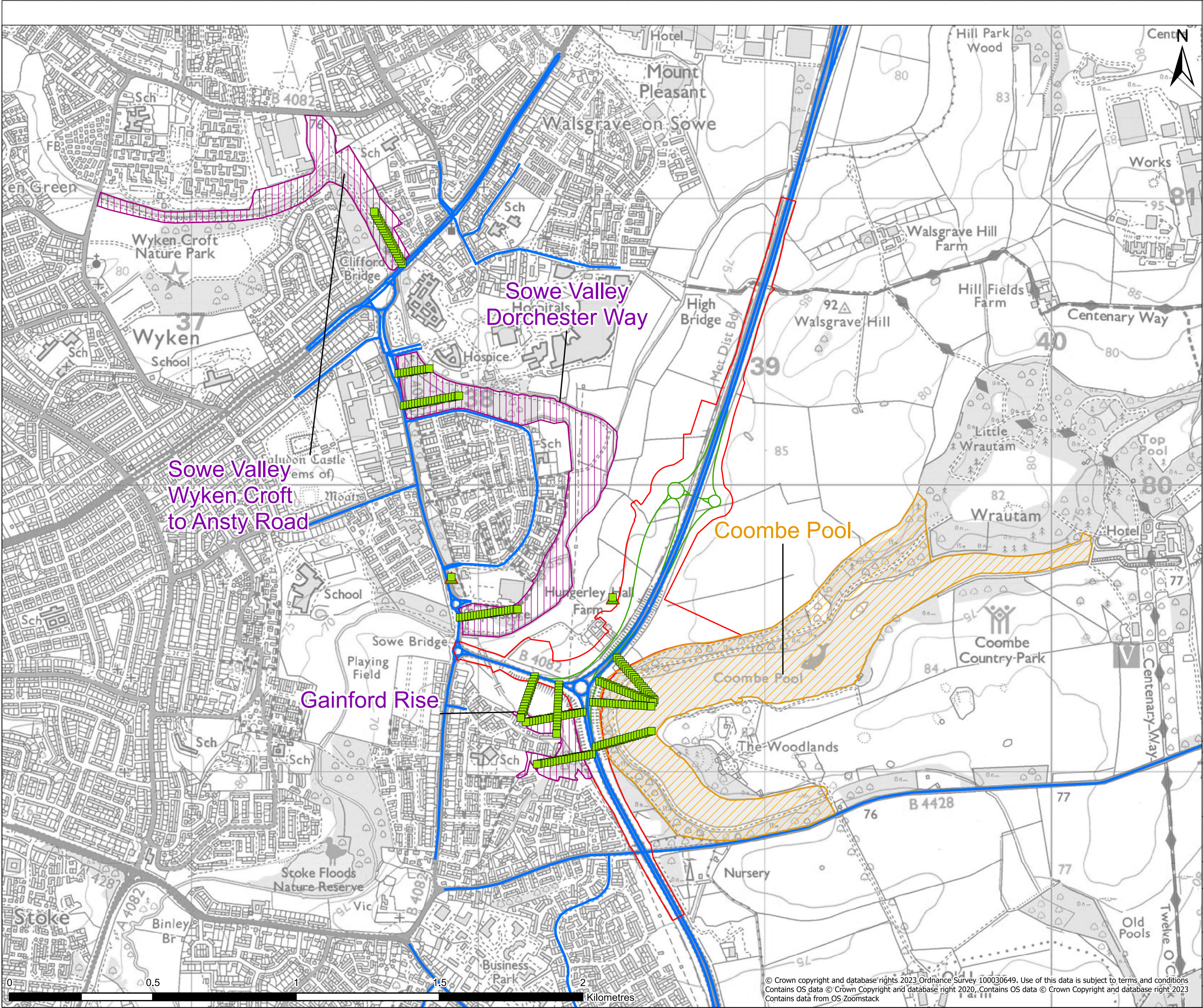
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1. Environmental Statement Figures

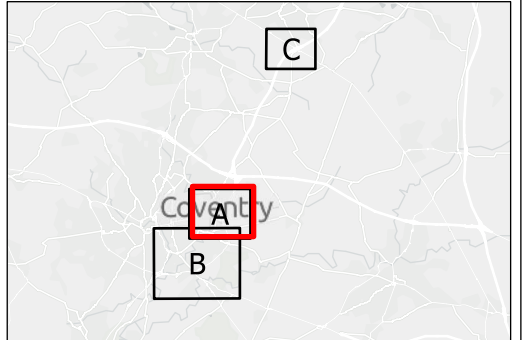
1.1.1. This document contains the following figures:

Figure	Figure Name	Revision
5.9a	Operational phase annual mean NOx concentration impacts	P01
5.9b	Operational phase annual mean NOx concentration impacts	P01
5.9c	Operational phase annual mean NOx concentration impacts	P01
5.10a	Operational phase annual mean NH3 concentration impacts	P01
5.10b	Operational phase annual mean NH3 concentration impacts	P01
5.10c	Operational phase annual mean NH3 concentration impacts	P01
5.11a	Operational phase annual mean N-deposition impacts	P02
5.11b	Operational phase annual mean N-deposition impacts	P02
5.11c	Operational phase annual mean N-deposition impacts	P02

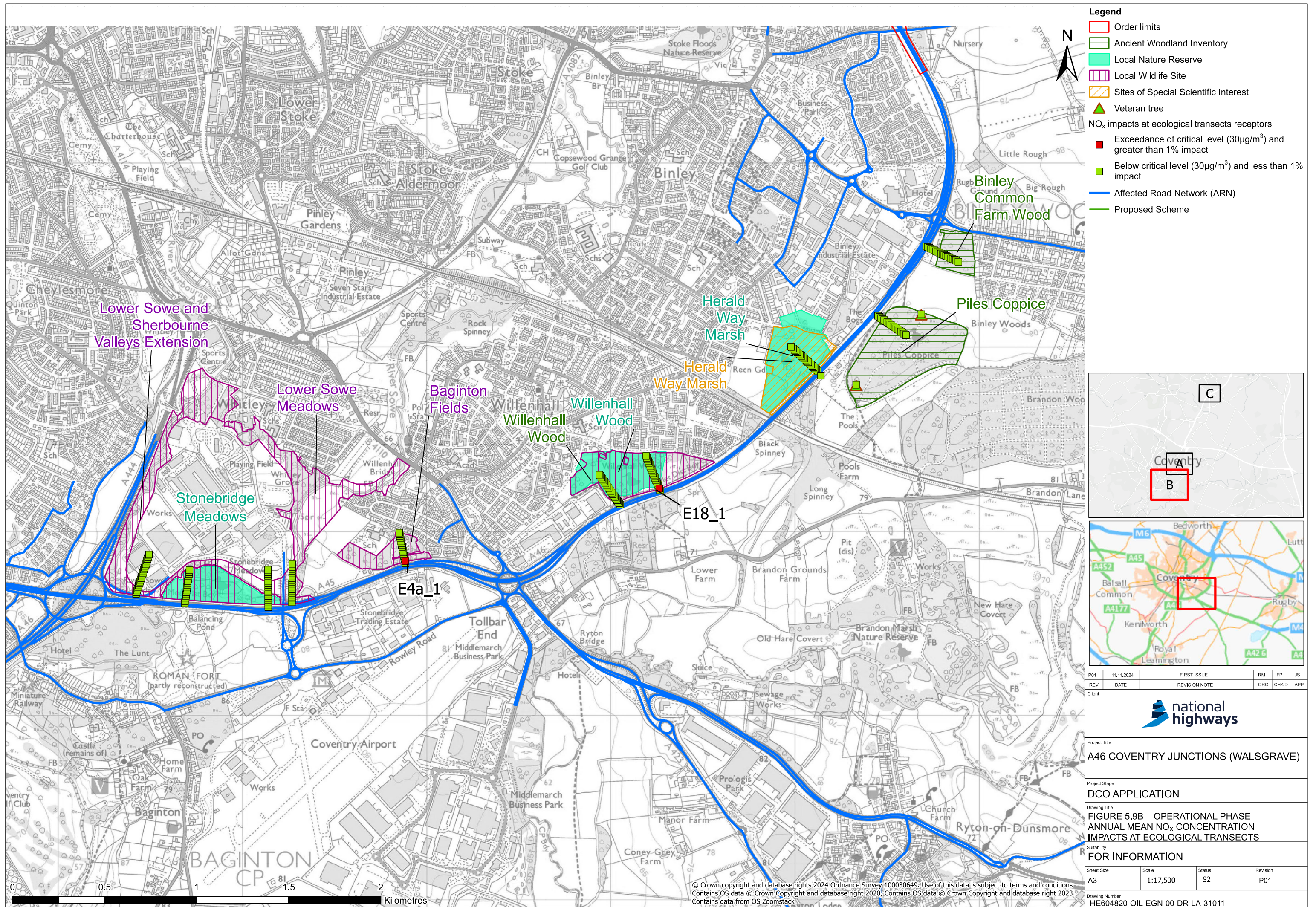


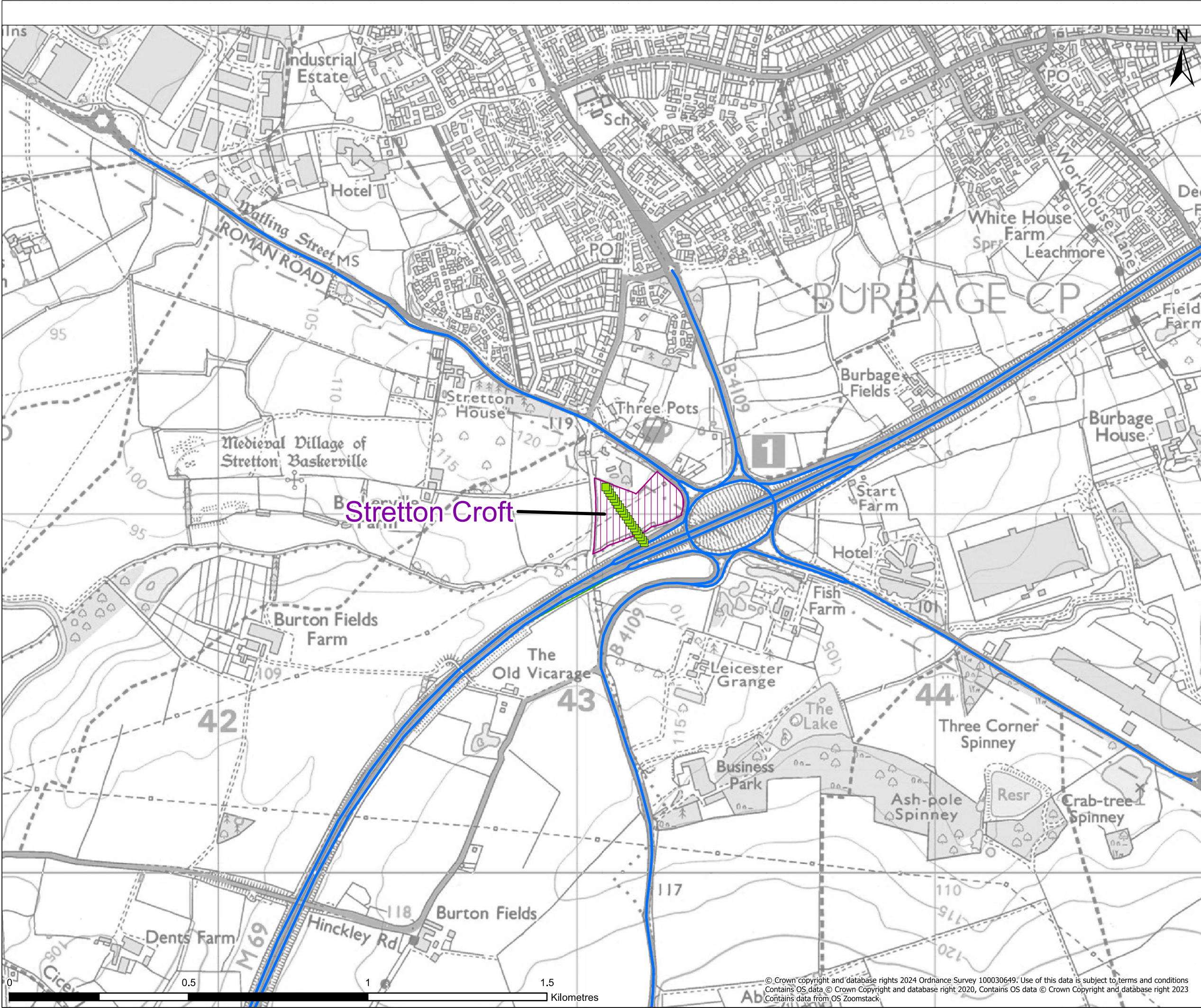
Legend

- Order limits
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree
- NO_x impacts at ecological transects receptors
 - Below critical level (30µg/m³) and less than 1% impact
 - Affected Road Network (ARN)
 - Proposed Scheme



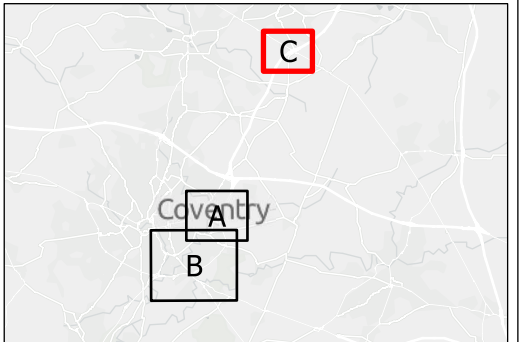
P01	11.11.2024	FIRST ISSUE	RM	FP	JS
REV	DATE	REVISION NOTE	ORG	CHKD	APP
Client					
national highways					
Project Title					
A46 COVENTRY JUNCTIONS (WALSGRAVE)					
Project Stage					
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FIGURE 5.9A – OPERATIONAL PHASE ANNUAL MEAN NO _x CONCENTRATION IMPACTS AT ECOLOGICAL TRANSECTS					
Suitability					
FOR INFORMATION					
Sheet Size	Scale	Status	Revision		
A3	1:12,500	S2	P01		
Drawing Number					
HE604820-OIL-EGN-00-DR-LA-31010					





Legend

- Local Wildlife Site
- NO_x impacts at ecological transects receptors**
- Below critical level (30µg/m³) and less than 1% impact
- Affected Road Network (ARN)
- Proposed Scheme



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A46 COVENTRY JUNCTIONS (WALSGRACE)

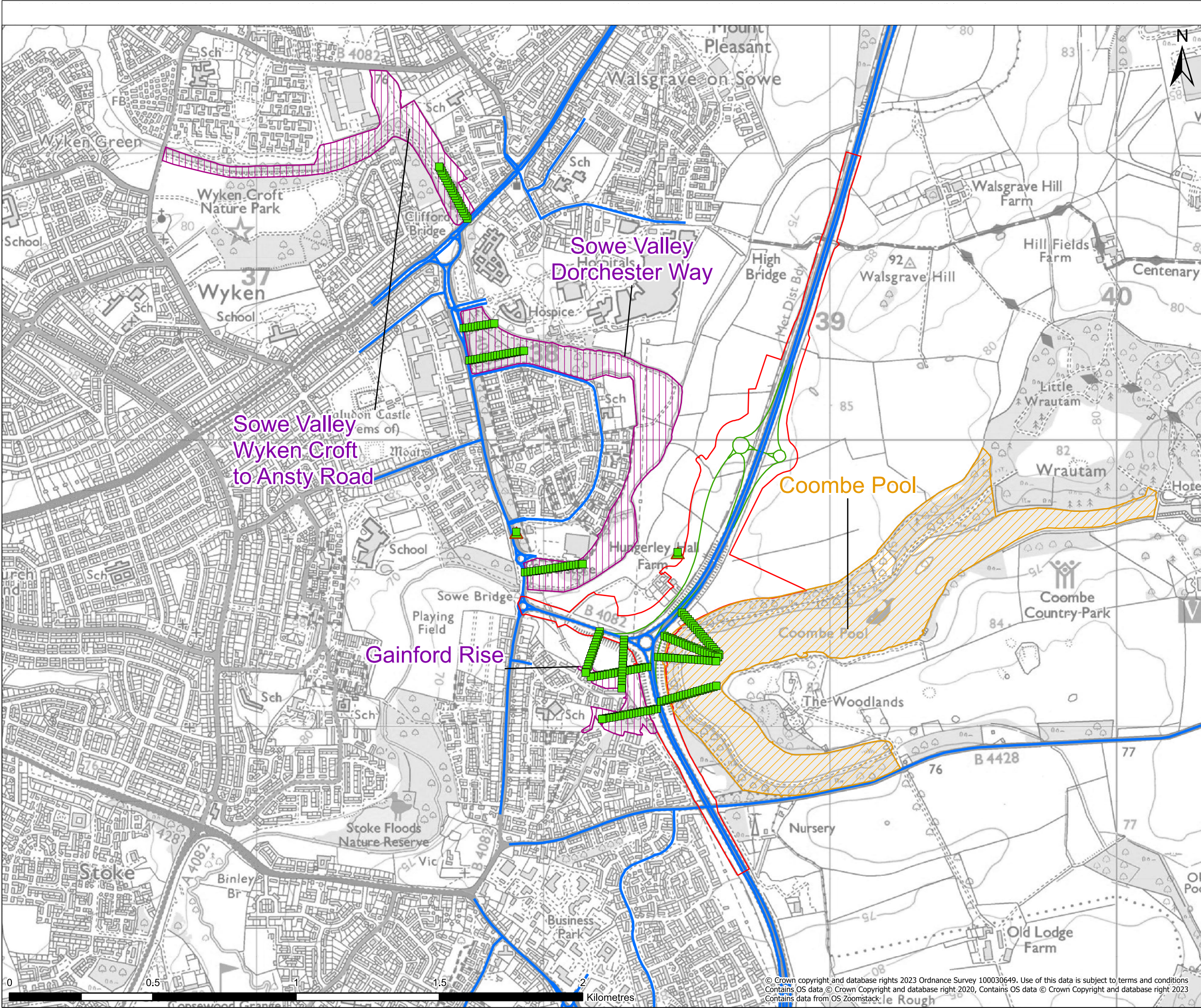
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Drawing Title
FIGURE 5.9C – OPERATIONAL PHASE ANNUAL MEAN NO_x CONCENTRATION IMPACTS AT ECOLOGICAL TRANSECTS

Suitability
FOR INFORMATION

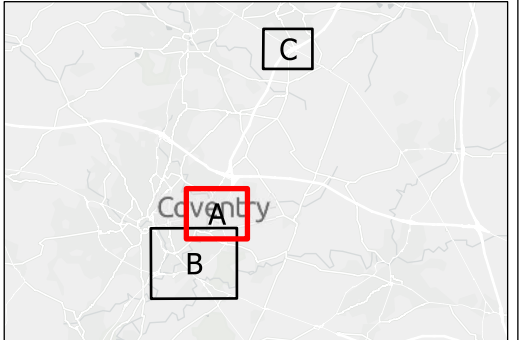
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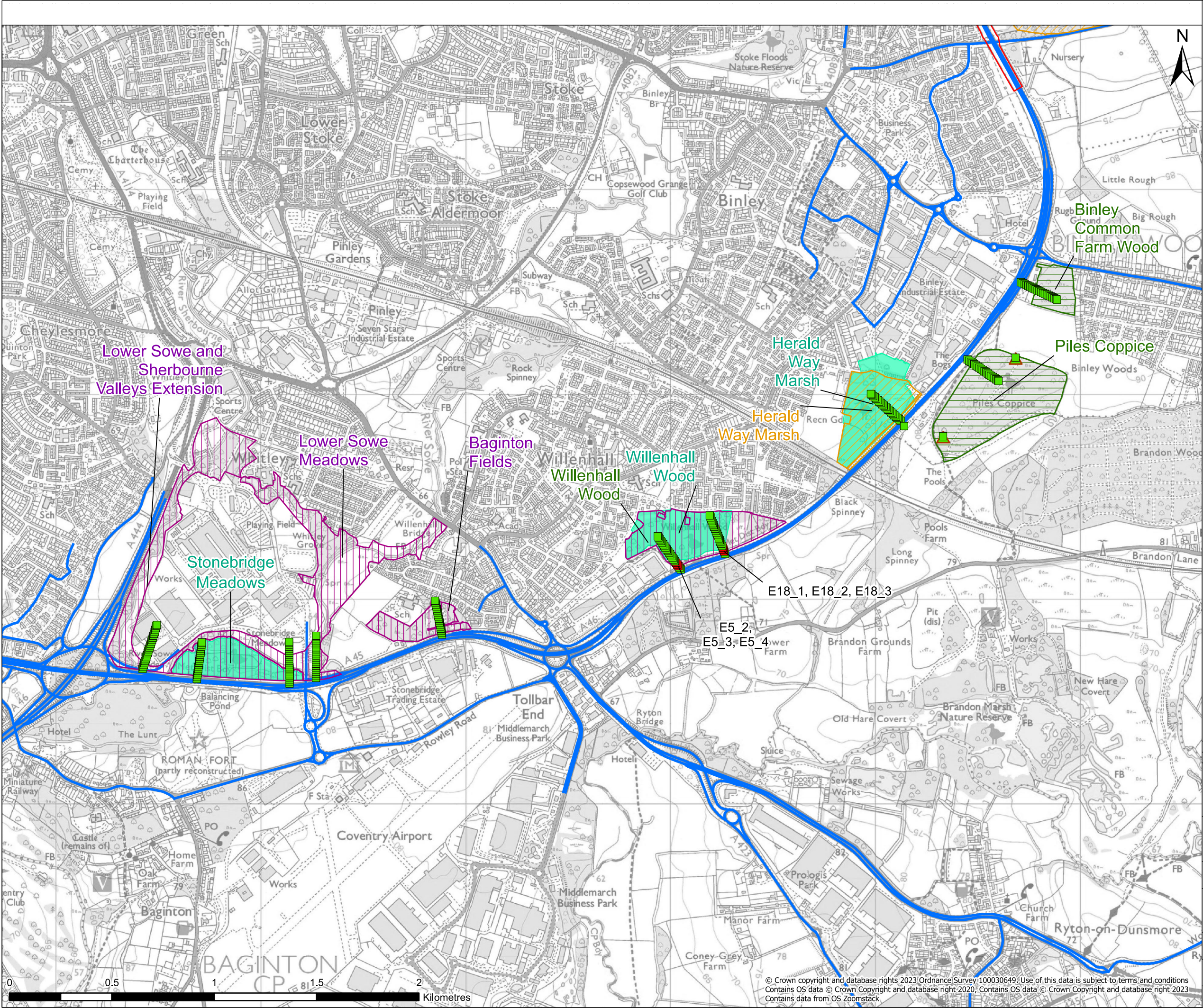


Legend

- Order limits
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree
- NH₃ impacts at ecological transects receptors
 - Below critical level (1 or 3µg/m³) and less than 1% impact
- Affected Road Network (ARN)
- Proposed Scheme



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Client					
national highways					
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A46 COVENTRY JUNCTIONS (WALSGRAVE)					
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DCO APPLICATION					
Drawing Title					
FIGURE 10A– OPERATIONAL PHASE ANNUAL MEAN NH ₃ CONCENTRATION IMPACTS AT ECOLOGICAL TRANSECTS					
Suitability					
FOR INFORMATION					
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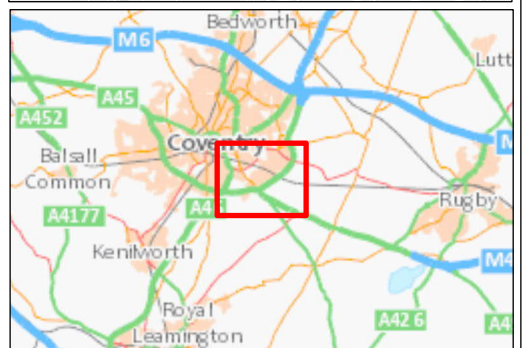
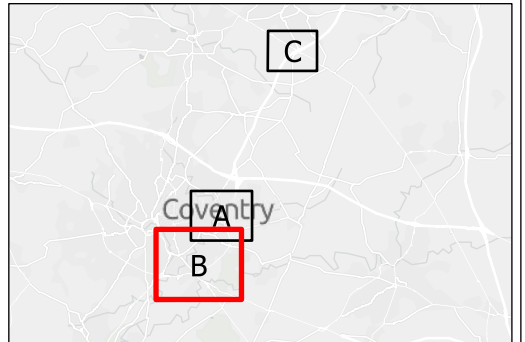


Legend

- Order limits
- Ancient Woodland Inventory
- Local Nature Reserve
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree

NH₃ impacts at ecological transects receptors

- Exceedance of critical level (1 or 3 µg/m³) and greater than 1% impact
- Below critical level (1 or 3µg/m³) and less than 1% impact
- Affected Road Network (ARN)
- Proposed Scheme



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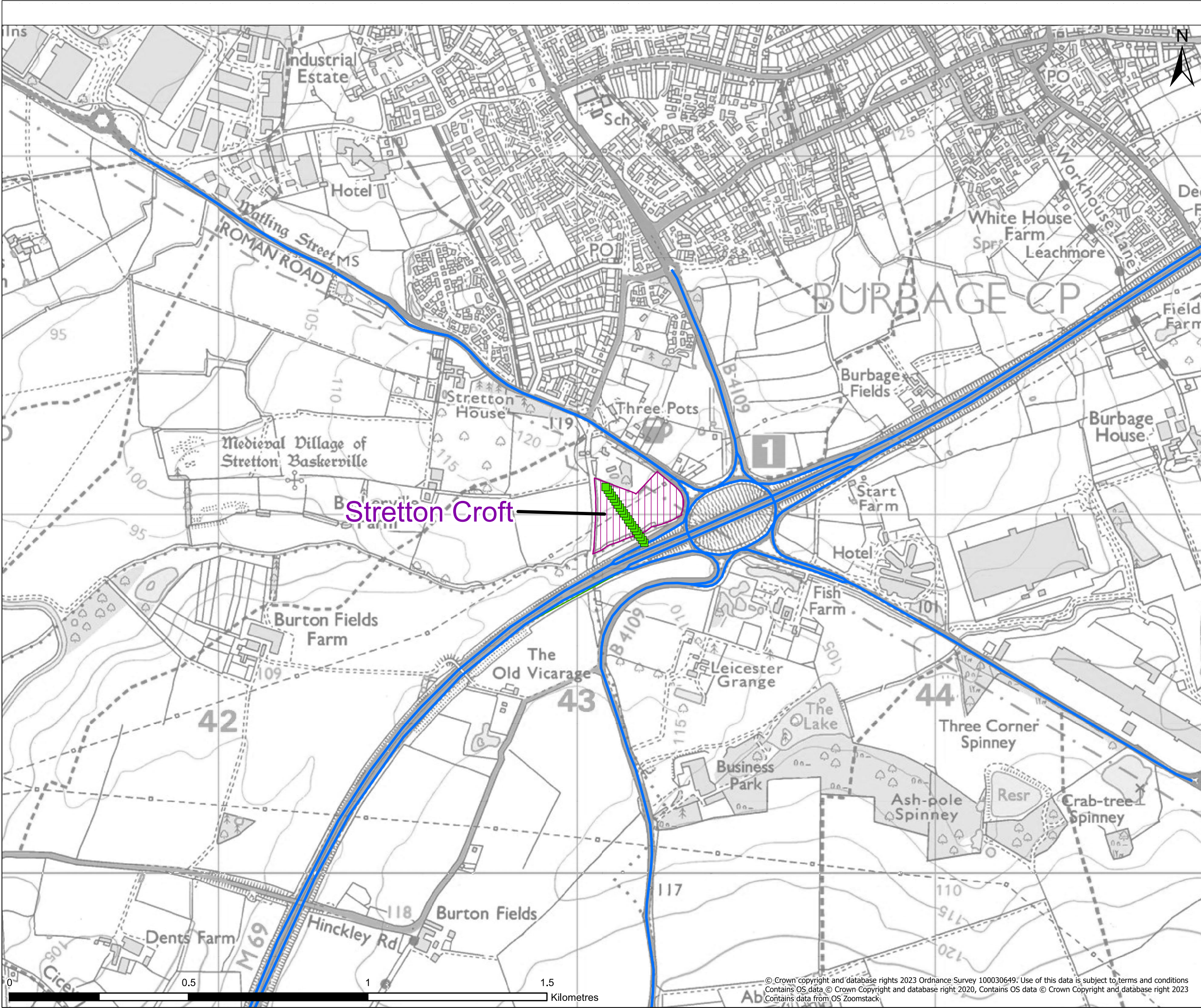
Project Stage
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FIGURE 5.10B – OPERATIONAL PHASE ANNUAL MEAN NH₃ CONCENTRATION IMPACTS AT ECOLOGICAL TRANSECTS

Suitability
FOR INFORMATION

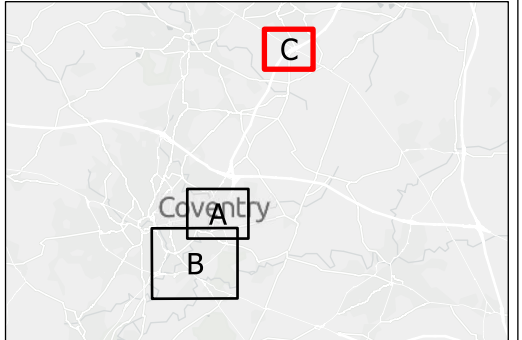
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Drawing Number
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Legend

- Local Wildlife Site
- NH₃ impacts at ecological transects receptors
 - Below critical level (1 or 3µg/m³) and less than 1% impact
 - Proposed Scheme
 - Affected Road Network (ARN)



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Project Title
A46 COVENTRY JUNCTIONS (WALSGRAVE)

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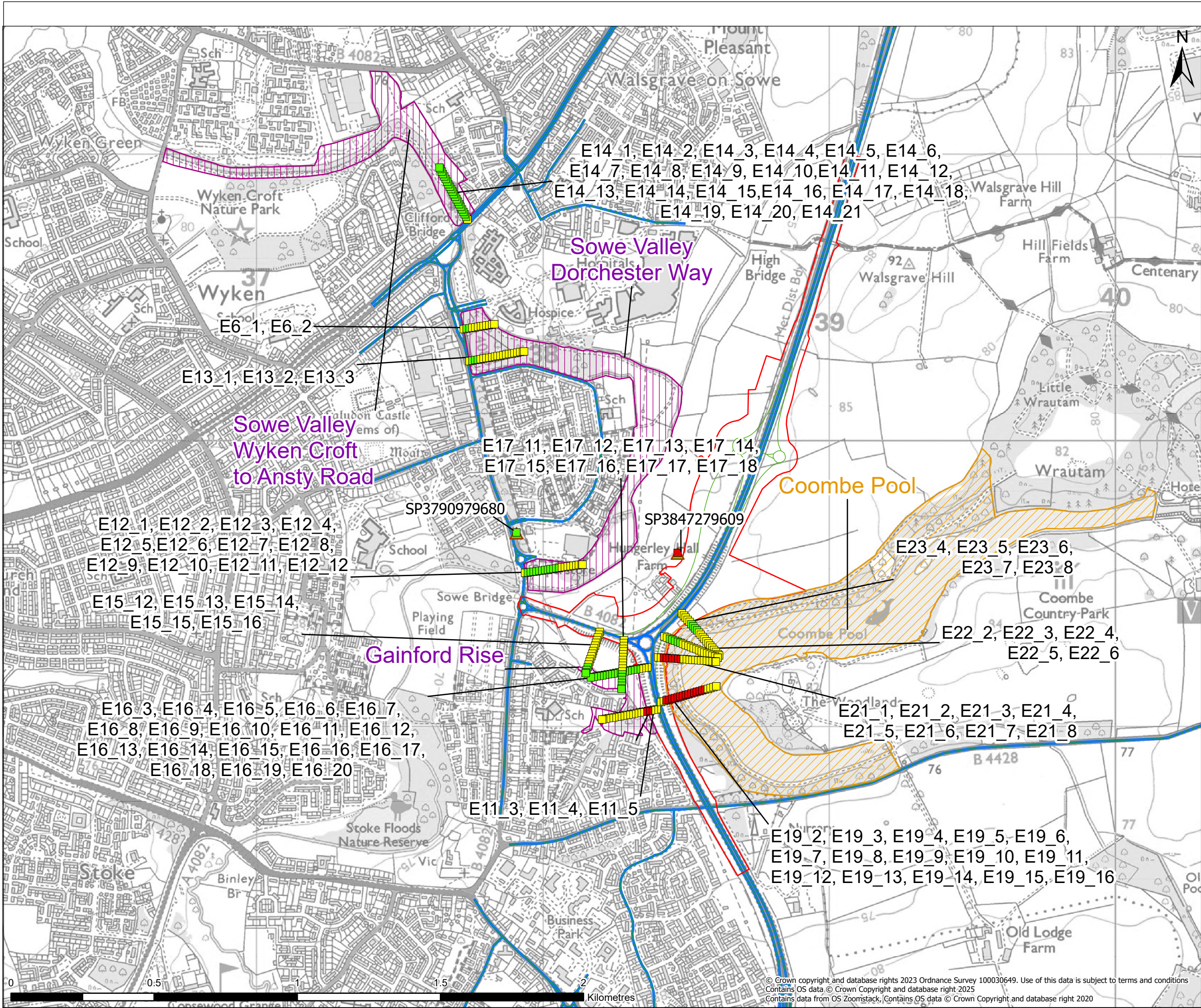
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FIGURE 5.11C – OPERATIONAL PHASE
ANNUAL MEAN NH₃ CONCENTRATION
IMPACTS AT ECOLOGICAL TRANSECTS

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FOR INFORMATION

Sheet Size	Scale	Status	Revision
A3	1:10,000	S2	P01

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Legend

- Order limits
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree

Nitrogen Deposition impacts at ecological transects receptors

- Less than -1% of the critical load
- Greater than +1% of the critical load
- Between -1% and +1% of the critical load
- Proposed Scheme
- Affected Road Network (ARN)

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A46 COVENTRY JUNCTIONS (WALSGRAVE)

Project Stage

DCO APPLICATION

Drawing Title

FIGURE 5.11A – OPERATIONAL PHASE ANNUAL MEAN N-DEPOSITION IMPACTS AT ECOLOGICAL TRANSECTS

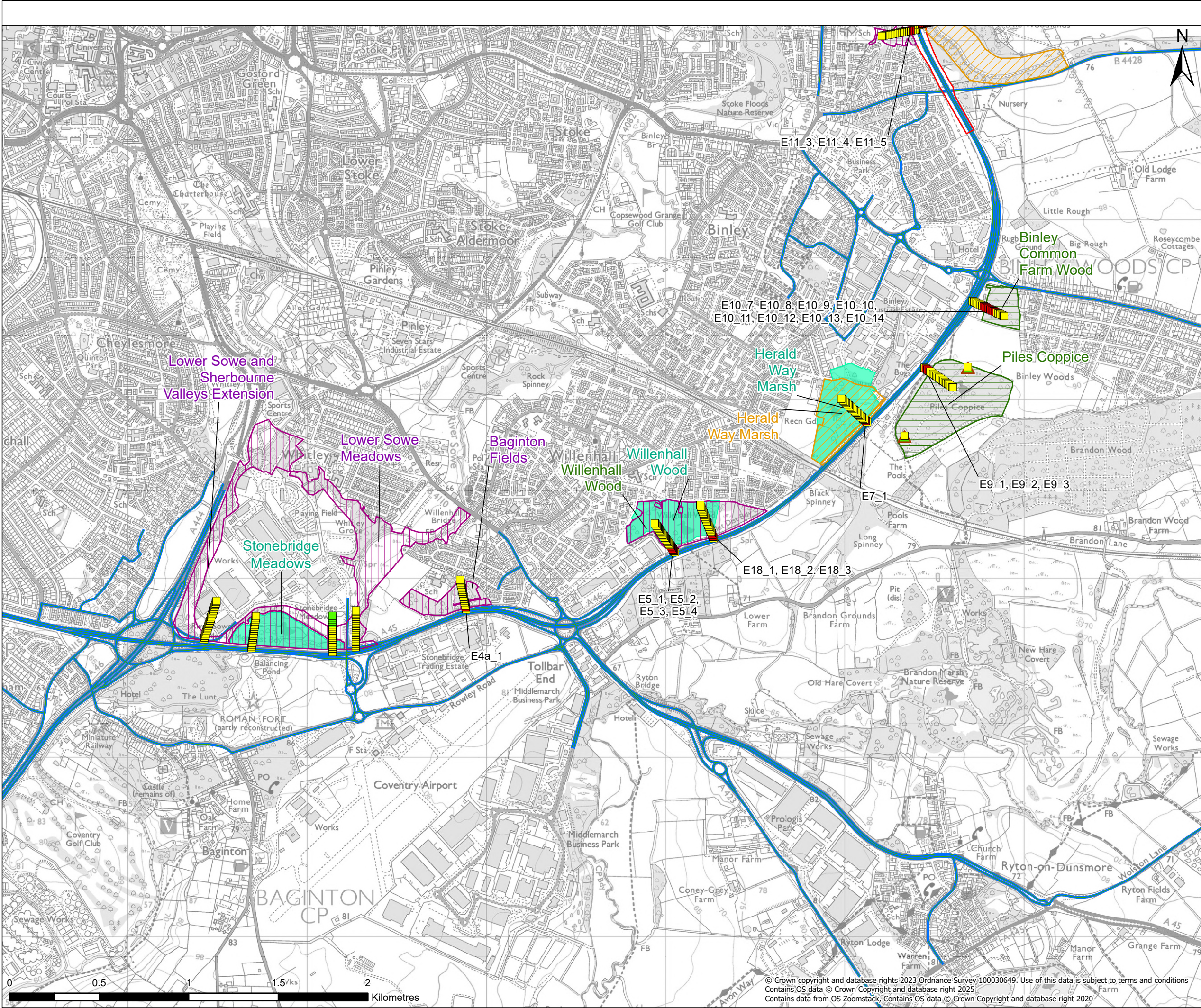
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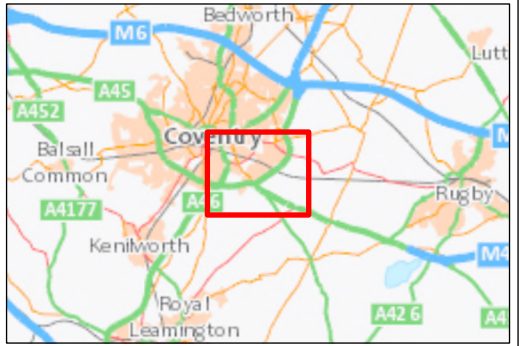
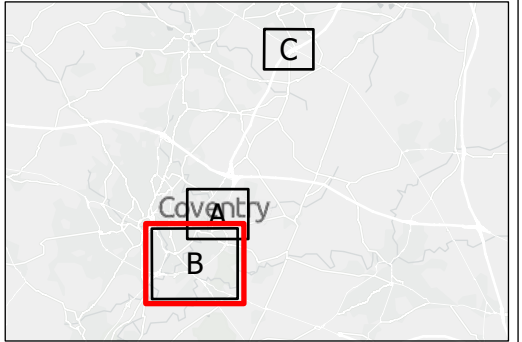
Drawing Number

HE604820-OIL-EGN-00-DR-LA-31016



Legend

- Order limits
- Ancient Woodland Inventory
- Local Nature Reserve
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree
- Nitrogen Deposition impacts at ecological transects receptors
 - Less than -1% of the critical load
 - Greater than +1% of the critical load
 - Between -1% and +1% of the critical load
- Proposed Scheme
- Affected Road Network (ARN)



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Project Title
A46 COVENTRY JUNCTIONS (WALSGRACE)

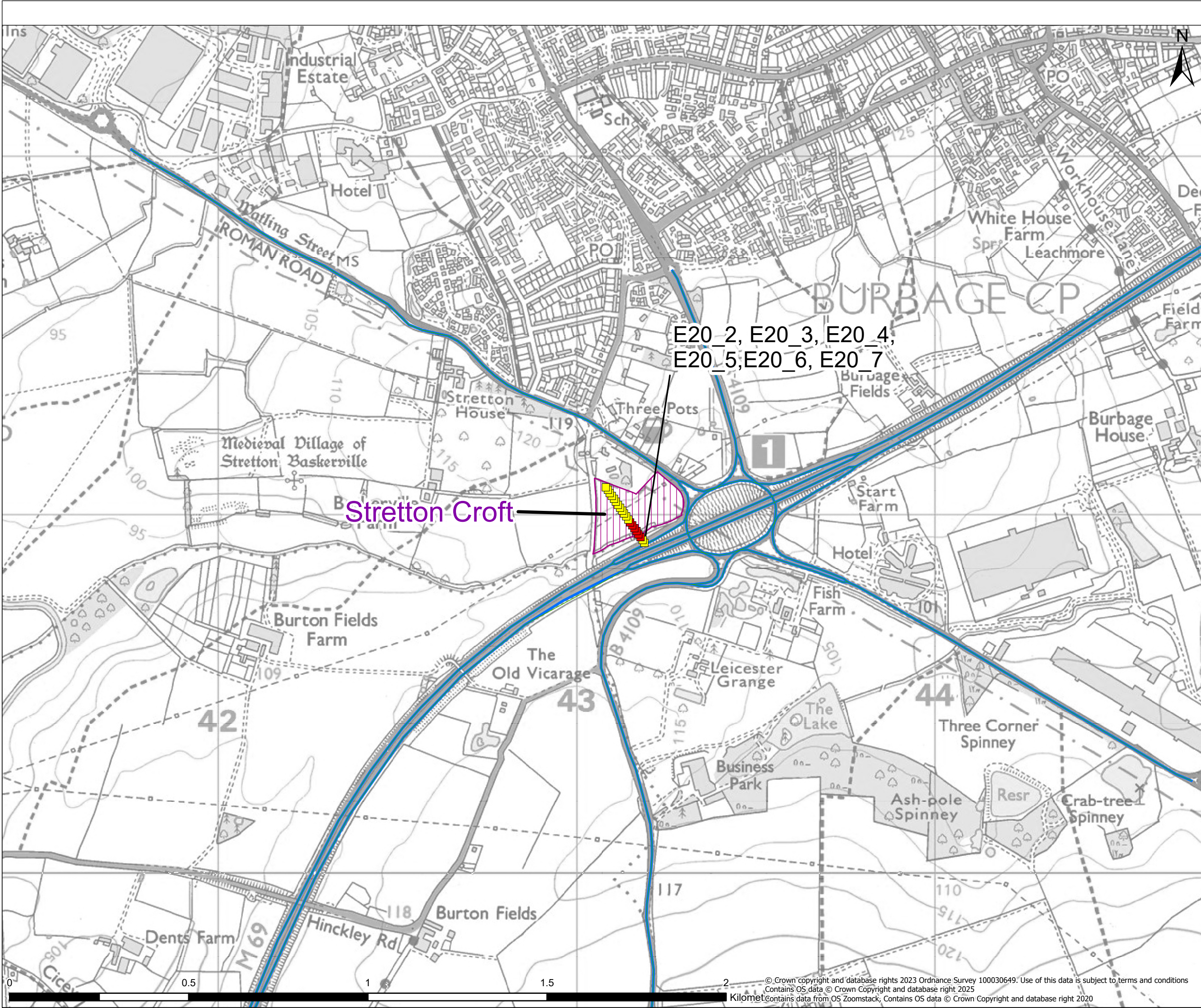
Project Stage
DCO APPLICATION

Drawing Title
**FIGURE 5.11B – OPERATIONAL PHASE
ANNUAL MEAN N-DEPOSITION
IMPACTS AT ECOLOGICAL TRANSECTS**

Suitability
FOR INFORMATION

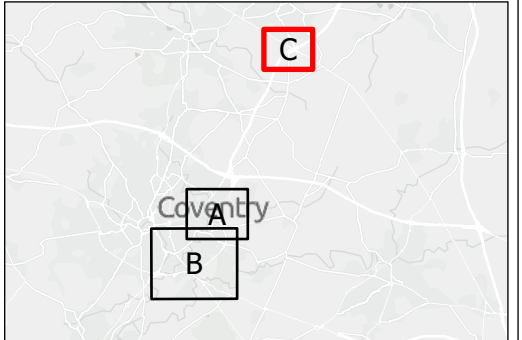
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Drawing Number
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Legend

- Local Wildlife Site
- Nitrogen Deposition impacts at ecological transects receptors
 - Greater than +1% of the critical load
 - Between -1% and +1% of the critical load
- Proposed Scheme
- Affected Road Network (ARN)



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A46 COVENTRY JUNCTIONS (WALSGRAVE)

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FIGURE 5.11C – OPERATIONAL PHASE ANNUAL MEAN N-DEPOSITION IMPACTS AT ECOLOGICAL TRANSECTS

Suitability
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