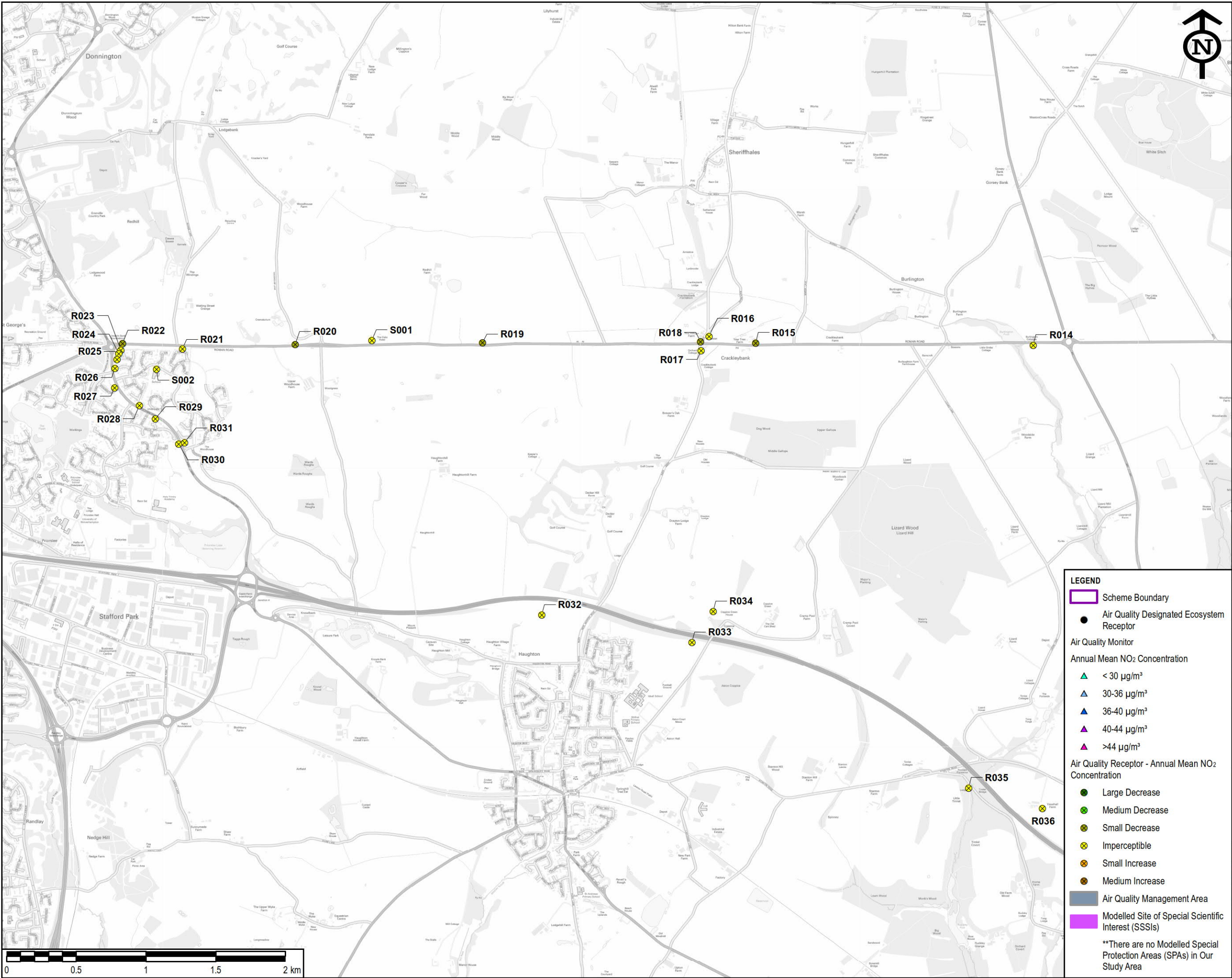


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Revised Template	BO	AR	24/01/2020	P02
First Issue	EC	AR	08/10/2019	P01
Revision Details	By	Check	Date	Suffix

Purpose of Issue

DCO APPLICATION

Client

Highways England
The Cube
199 Wharfside Street
Birmingham
B1 1RN

Working on behalf of

Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 1 OF 10

Designed BO	Drawn EC	Checked AR	Approved TP	Date 24/01/2020
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Internal Project No.
60536736

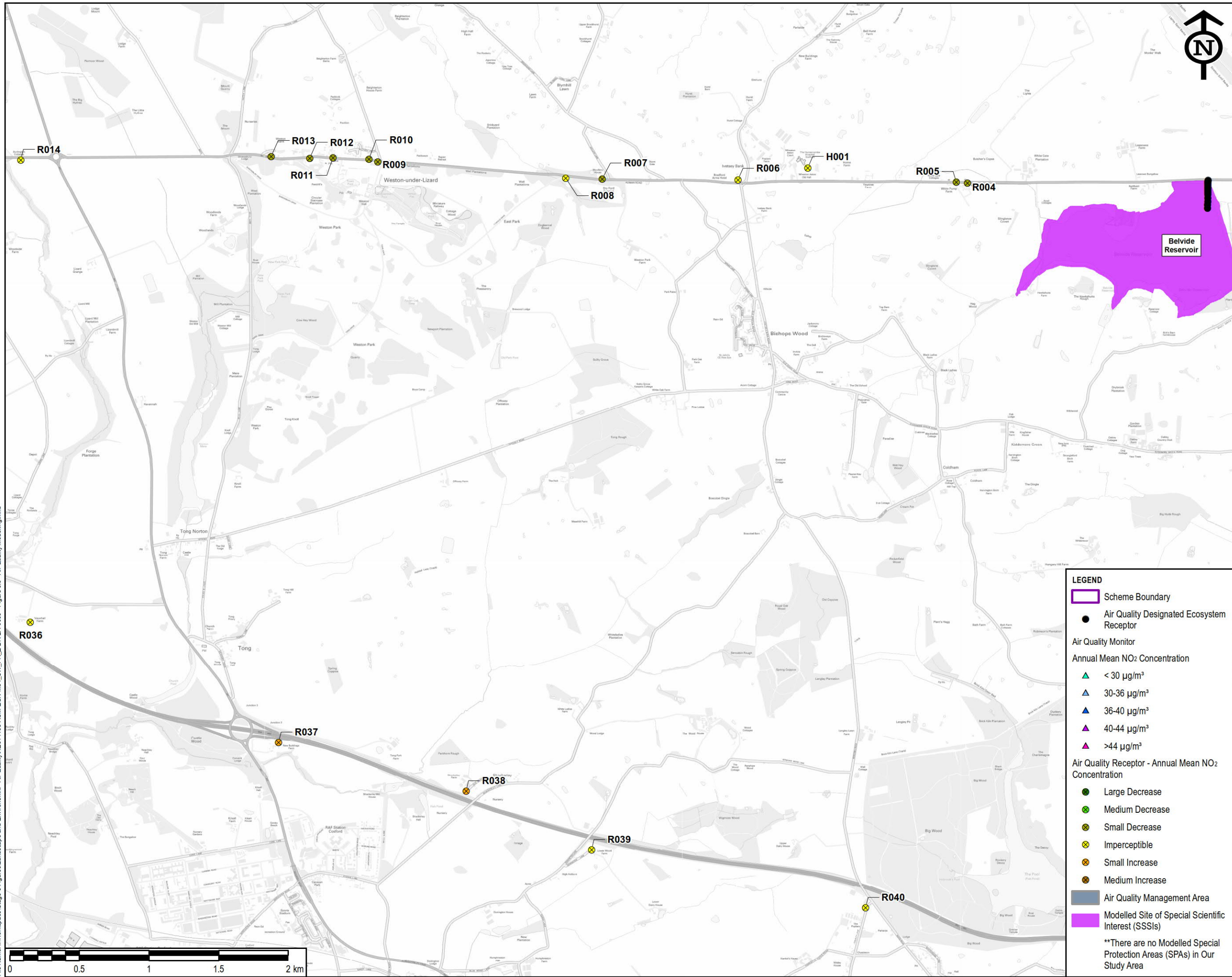
Suitability
S8

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Purpose of Issue

DCO APPLICATION

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Highways England

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Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 2 OF 10

Designed BO	Drawn EC	Checked AR	Approved TP	Date 24/01/2020
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Suitability

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Location

M54_SW_PR_Z

Type

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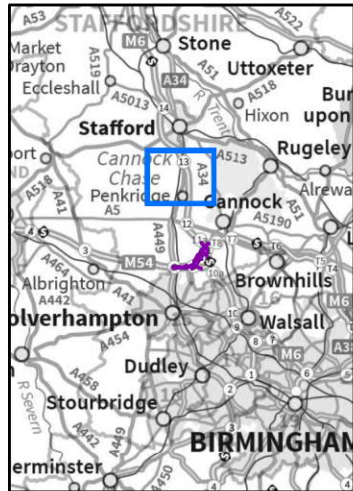
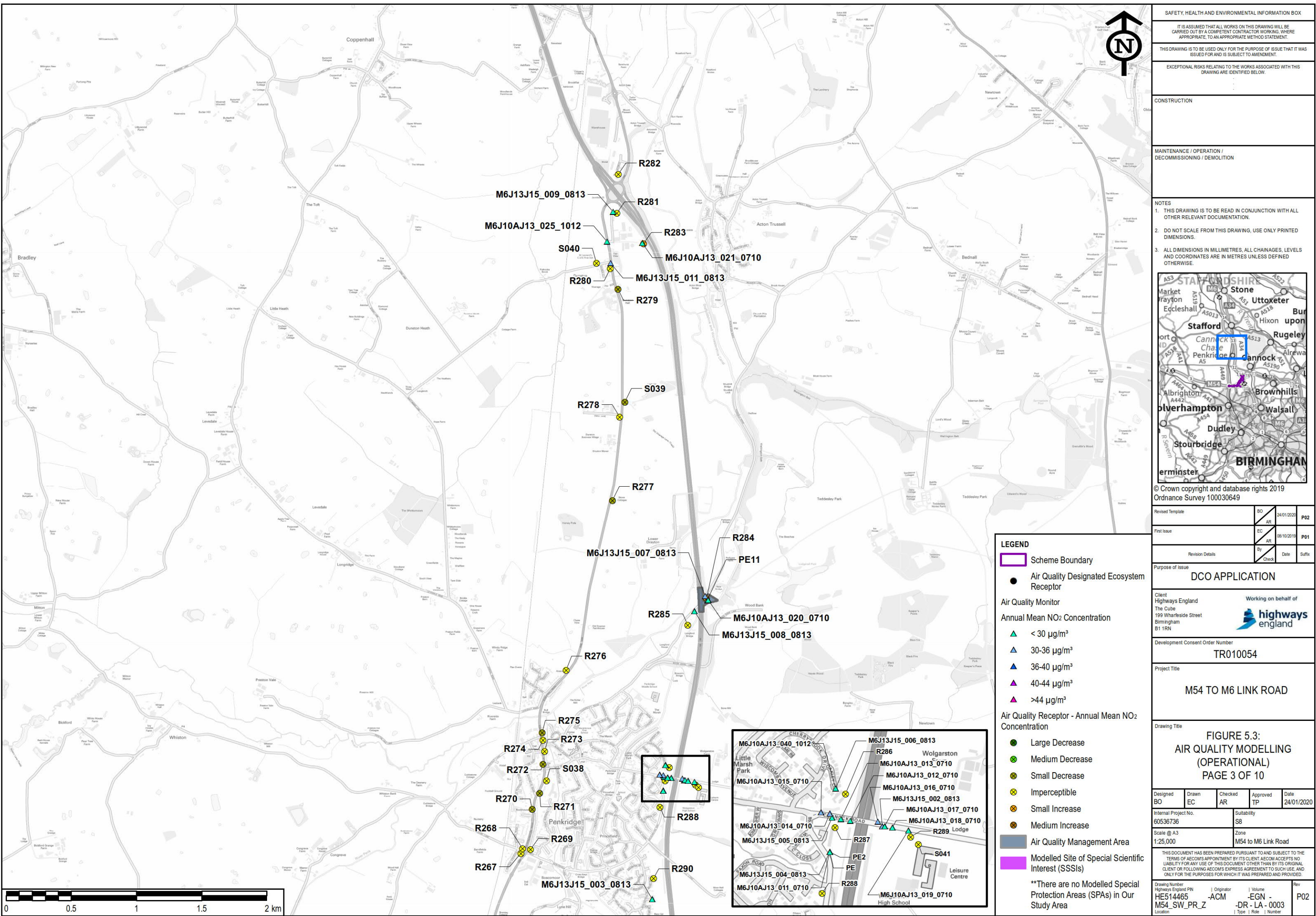
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Purpose of Issue	DCO APPLICATION
Client	Highways England
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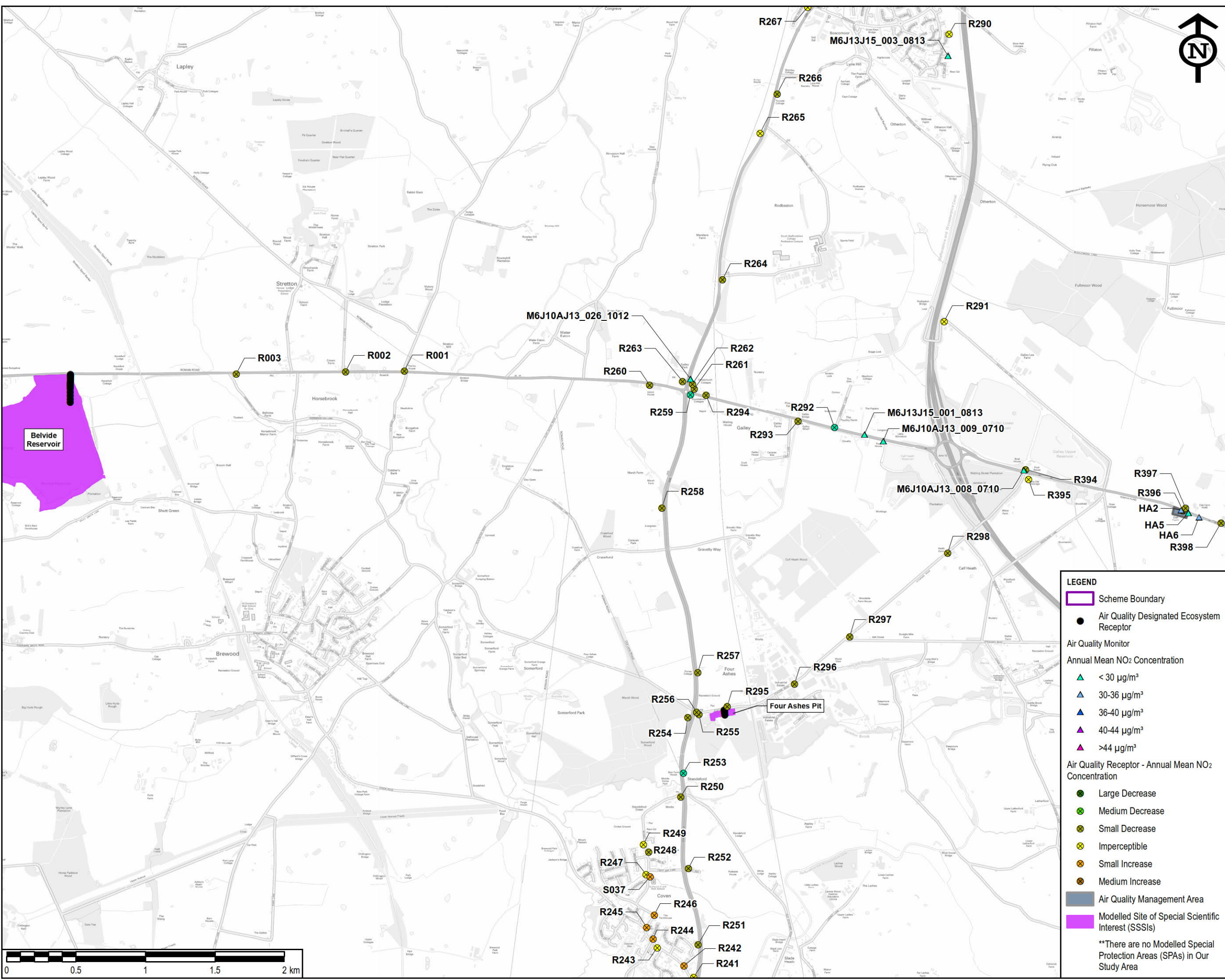
Project Title	M54 TO M6 LINK ROAD
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Drawing Title	FIGURE 5.3: AIR QUALITY MODELLING (OPERATIONAL) PAGE 3 OF 10
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Scale @ A3 1:25,000			Zone M54 to M6 Link Road	

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Location	Type	Role	Number			

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First Issue

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Revision Details

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Purpose of Issue

DCO APPLICATION

Client

Highways England

The Cube

199 Wharfside Street

Birmingham

B1 1RN

Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 4 OF 10

Designed

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Rev

P02

Location

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Type

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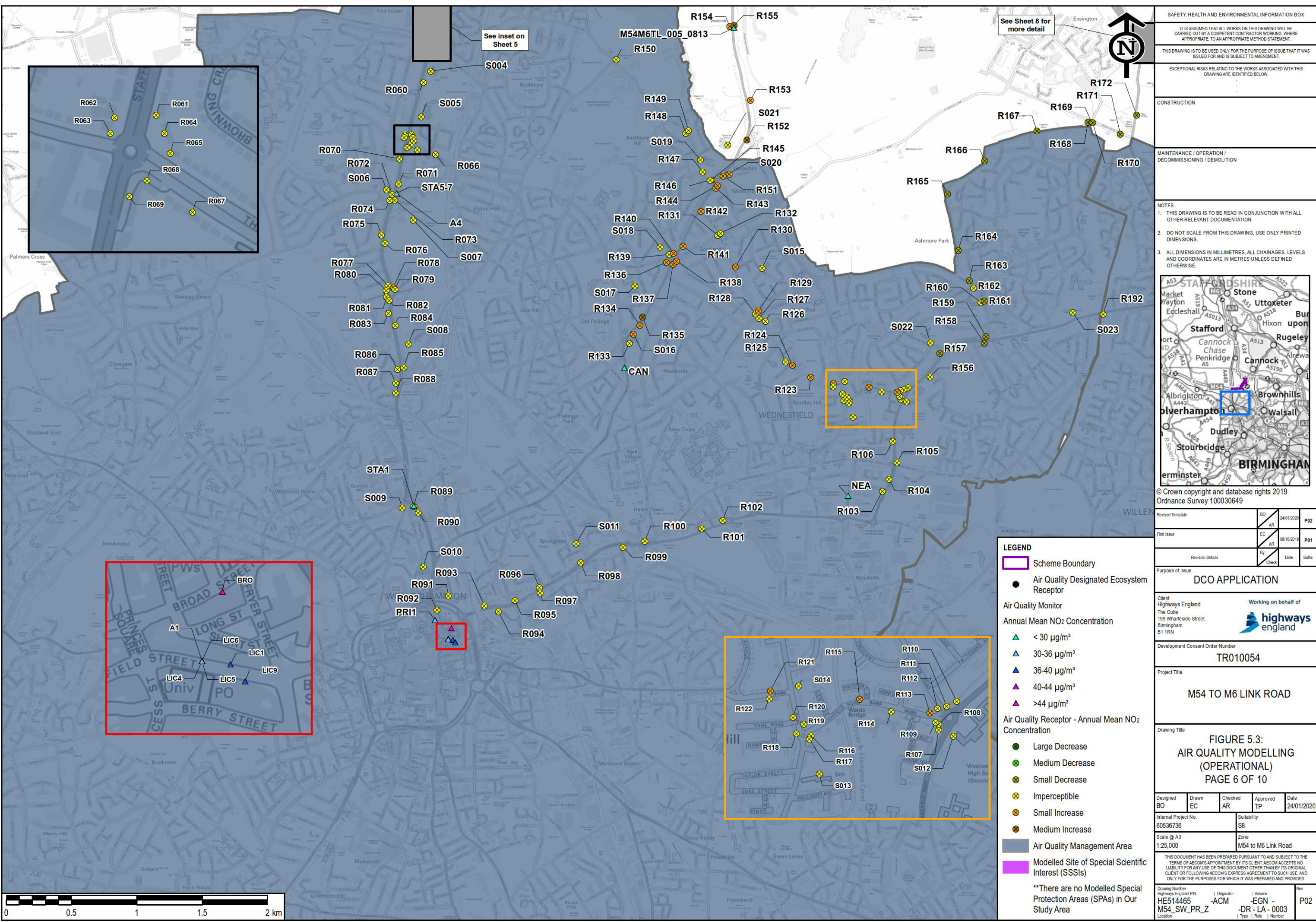
Rate

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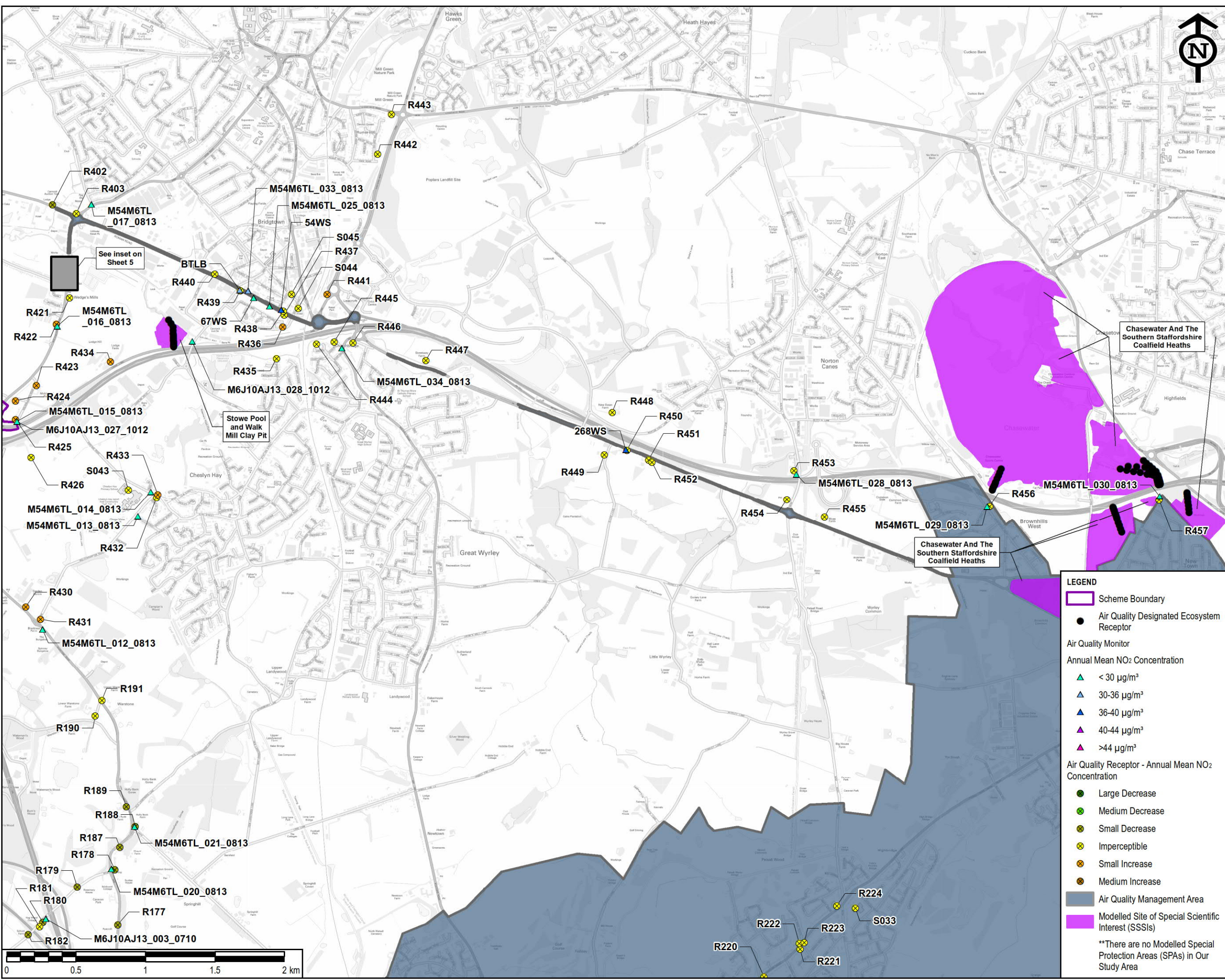
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DCO APPLICATION

Client

Highways England

The Cube

199 Wharfedale Street

Birmingham

B1 1RN

Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 7 OF 10

Designed	BO	Drawn	EC	Checked	AR	Approved	TP	Date	24/01/2020
Internal Project No.	60536736				Suitability	S8			
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Volume

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Rev

P02

Location

M54_SW_PR_Z

Type

-DR - LA - 0003

Rate

1

Number

1

LEGEND

Scheme Boundary

Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

< 30 µg/m³

30-36 µg/m³

36-40 µg/m³

40-44 µg/m³

>44 µg/m³

Air Quality Receptor - Annual Mean NO₂ Concentration

Large Decrease

Medium Decrease

Small Decrease

Imperceptible

Small Increase

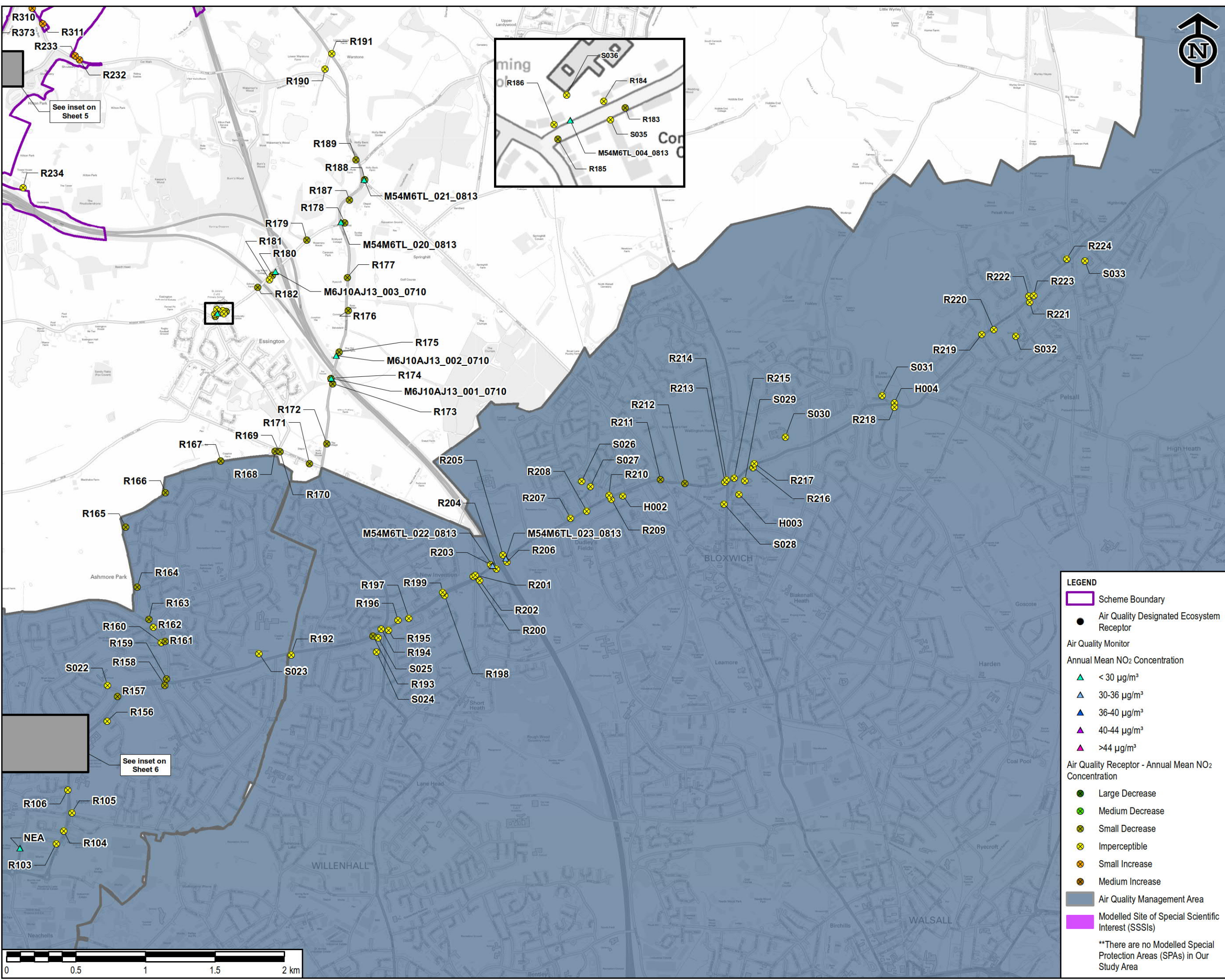
Medium Increase

Air Quality Management Area

Modelled Site of Special Scientific Interest (SSSIs)

**There are no Modelled Special Protection Areas (SPAs) in Our Study Area

Plot Date: 24 January 2020 13:27:56
File Name: I:\Workspace\Stage 3 Figures\Landscapes and Environment - Air Quality\HE514465-ACM-EGN-M54_SW_PR_Z-DR-LA-0003 - Figure 5.3 - Air Quality Modelling.mxd



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Purpose of Issue

DCO APPLICATION

Client

Highways England

The Cube

199 Wharfside Street

Birmingham

B1 1RN

Working on behalf of

highways england

Development Consent Order Number

TR010054

Project Title

M54 TO M6 LINK ROAD

Drawing Title

FIGURE 5.3:
AIR QUALITY MODELLING
(OPERATIONAL)
PAGE 8 OF 10

Designed	BO	Drawn	EC	Checked	AR	Approved	TP	Date	24/01/2020
Internal Project No.	60536736	Suitability	S8						
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Originator
-ACM
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Volume
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Type | Rate | Number

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P02

LEGEND

Scheme Boundary

Air Quality Designated Ecosystem Receptor

Air Quality Monitor

Annual Mean NO₂ Concentration

< 30 µg/m³

30-36 µg/m³

36-40 µg/m³

40-44 µg/m³

>44 µg/m³

Air Quality Receptor - Annual Mean NO₂ Concentration

Large Decrease

Medium Decrease

Small Decrease

Imperceptible

Small Increase

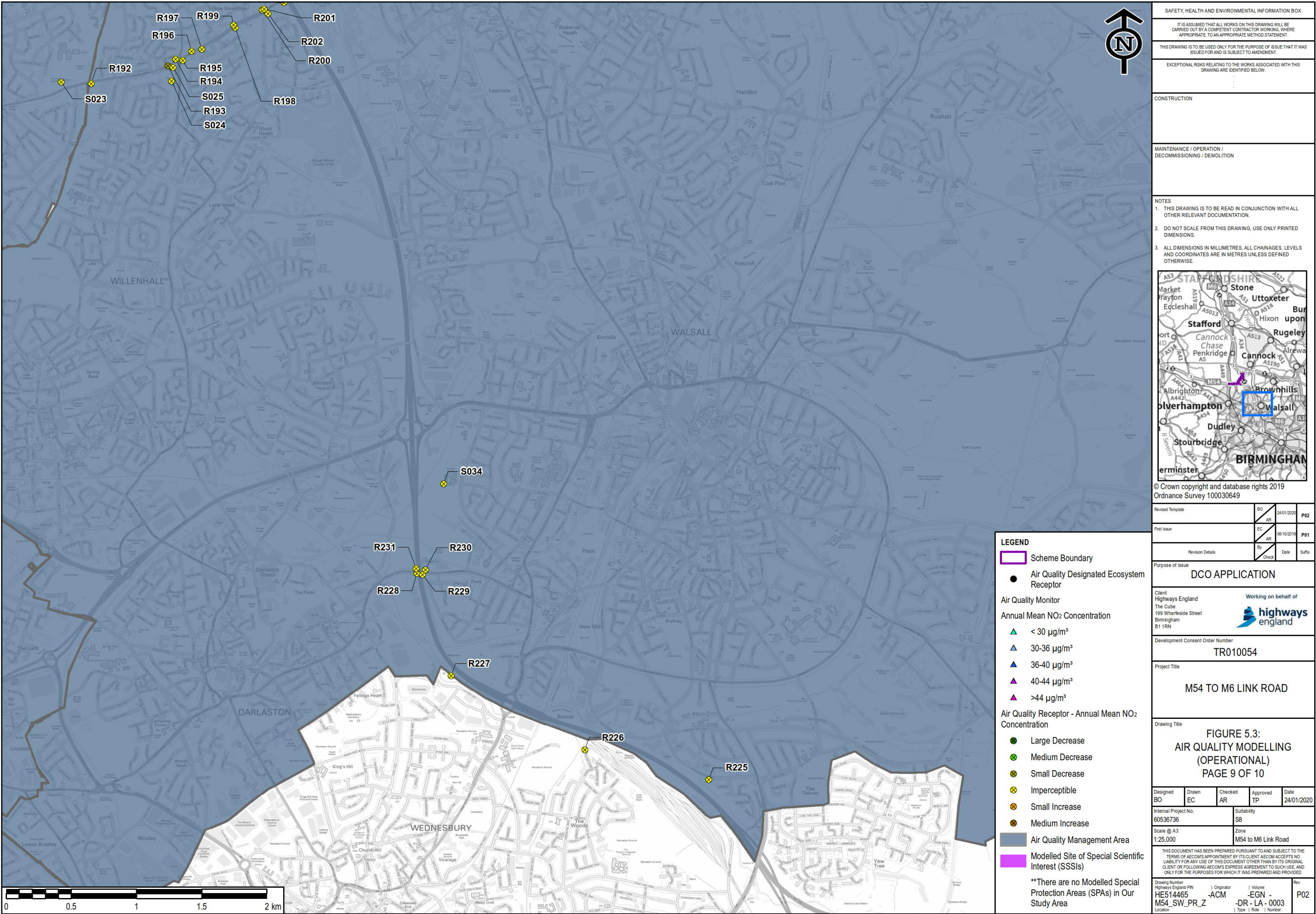
Medium Increase

Air Quality Management Area

Modelled Site of Special Scientific Interest (SSSIs)

**There are no Modelled Special Protection Areas (SPAs) in Our Study Area

Plot Date: 24 January 2020 13:27:56
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Development Consent Order Number			
TR010054			
Project Title			
M54 TO M6 LINK ROAD			
Drawing Title			
FIGURE 5.3: AIR QUALITY MODELLING (OPERATIONAL) PAGE 10 OF 10			
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Internal Project No. 60536736		Suitability SB	
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