

**A12 Chelmsford to A120 widening scheme**

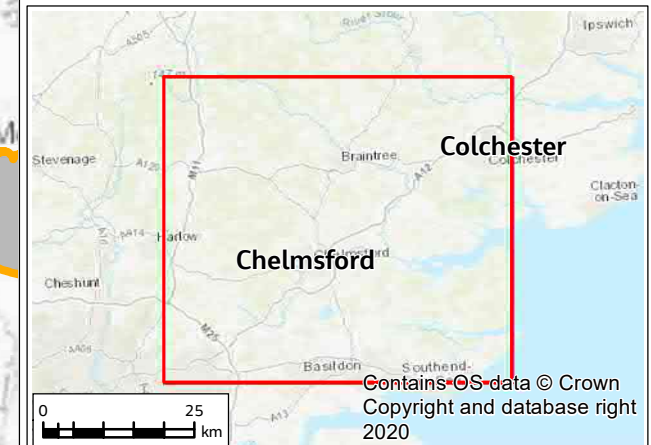
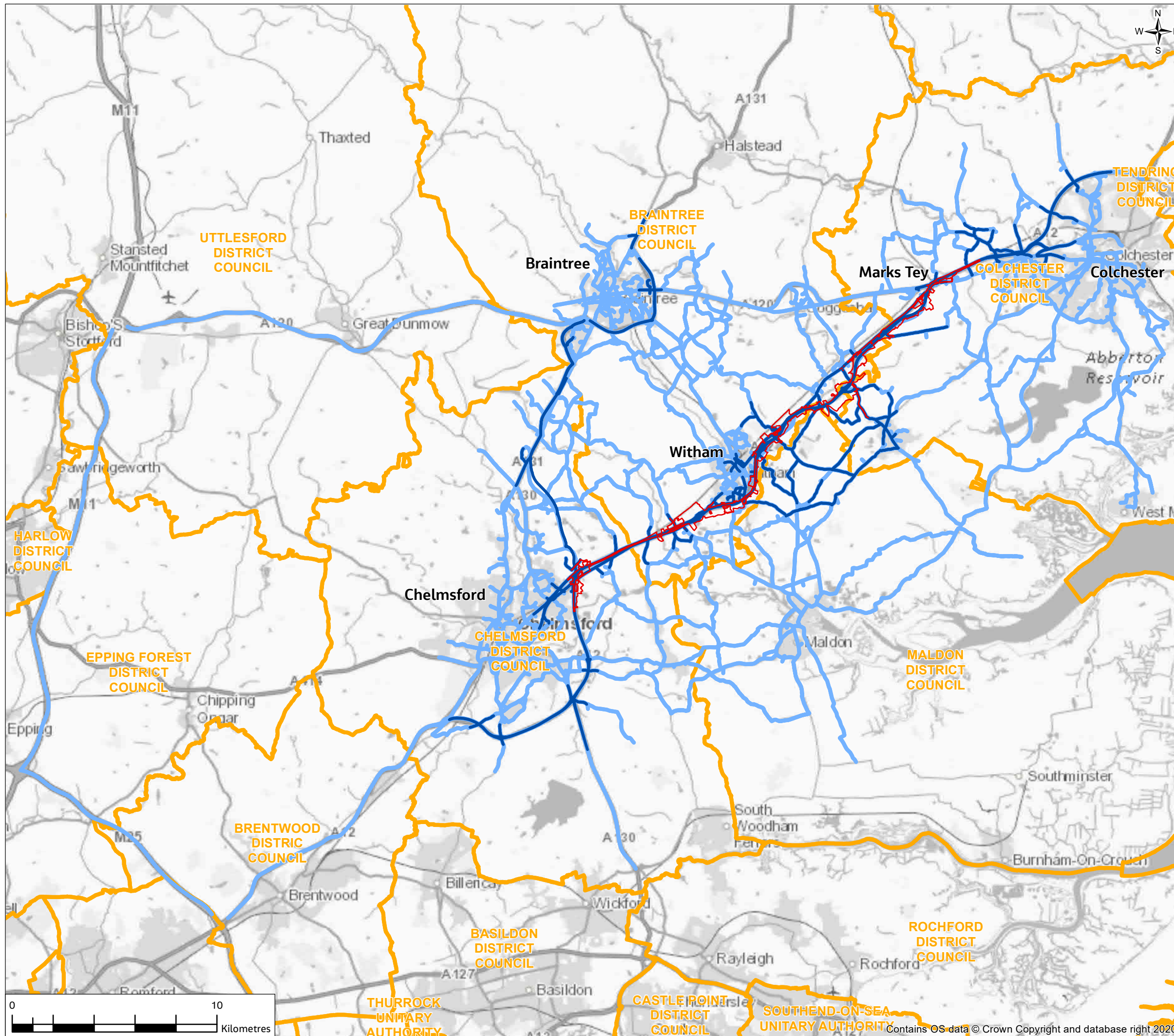
**PRELIMINARY ENVIRONMENTAL  
INFORMATION REPORT**

**CHAPTER 6 – AIR QUALITY  
FIGURES**



**FIGURE 6.1**

**Legend**

- Provisional Order Limits
- Air Quality Study Area
- 2027 Traffic Reliability Area
- District Boundary



PO3	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

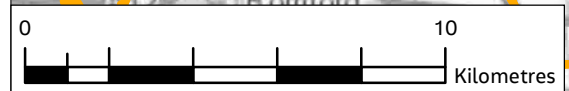
A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

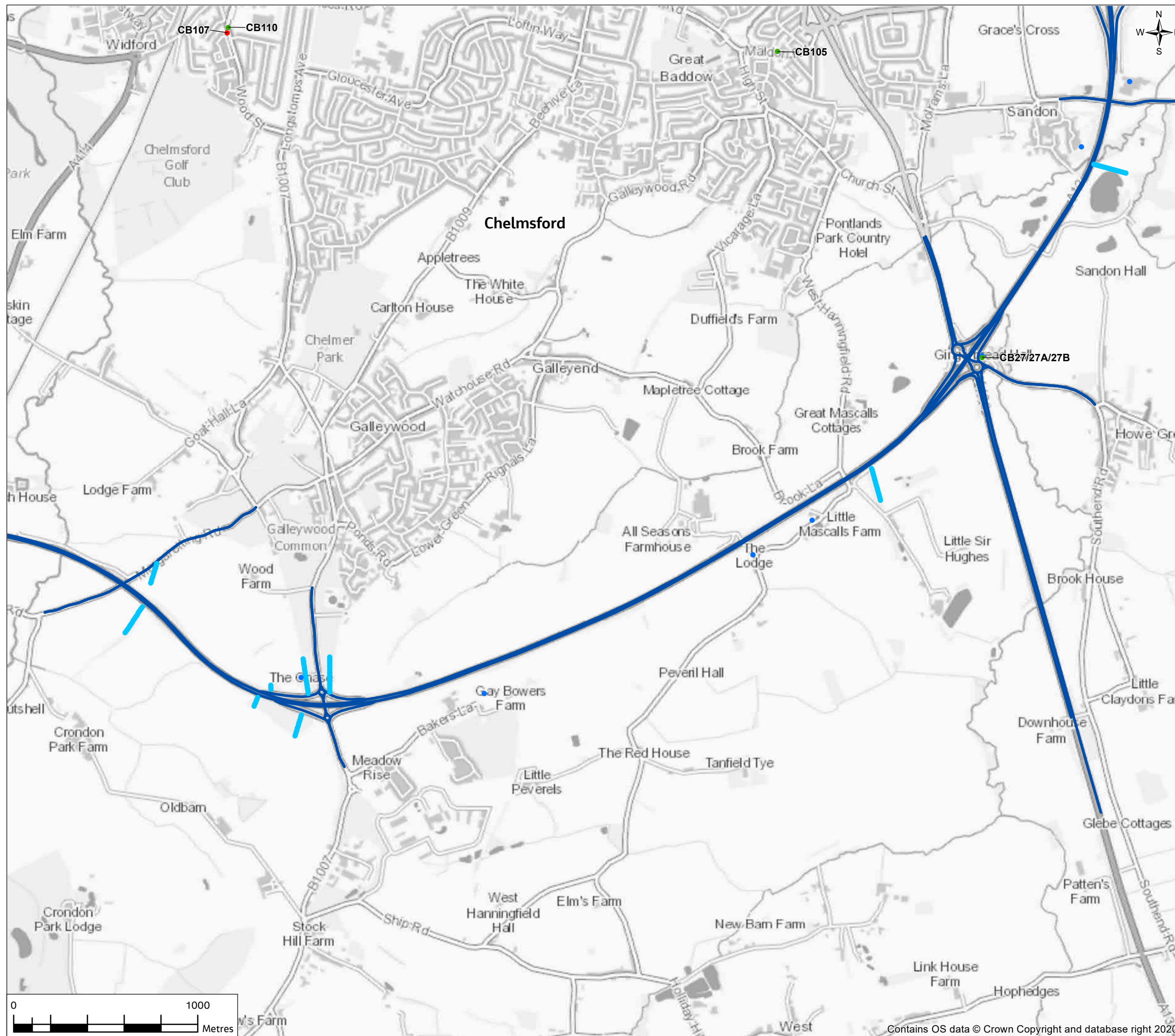
PEIR  
 AIR QUALITY ASSESSMENT STUDY AREA  
 SHEET 1 OF 1

<b>Drawing Status</b>	S4 - SUITABLE FOR STAGE APPROVAL	
<b>Scale @ A3</b>	1:180000	DO NOT SCALE
<b>Jacobs No.</b>	B36601D1	Rev P03
<b>Client No.</b>	HE551497	
<b>Drawing Number</b>	HE551497-JAC-EAQ-SCHW-SK-GI-0001	

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area

**Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

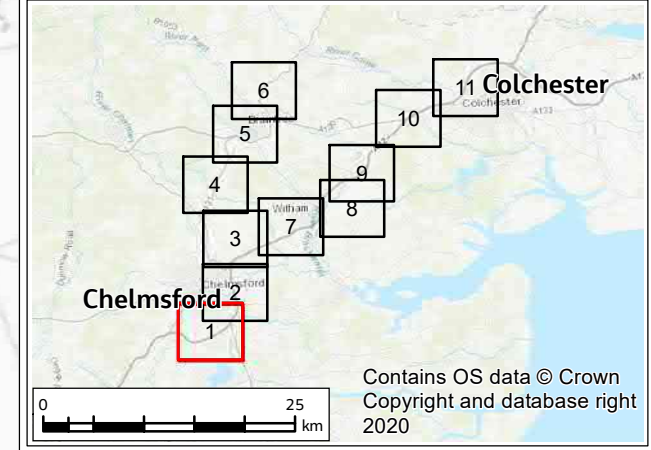
- Site removed in 2019
- <36
- 36 to <40
- >=40

**Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

- <36
- 36 to <40
- >=40

- Worst-case Human Receptors
- Ecological Receptors
- PCM Census IDs
- Air Quality Management Areas

**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.



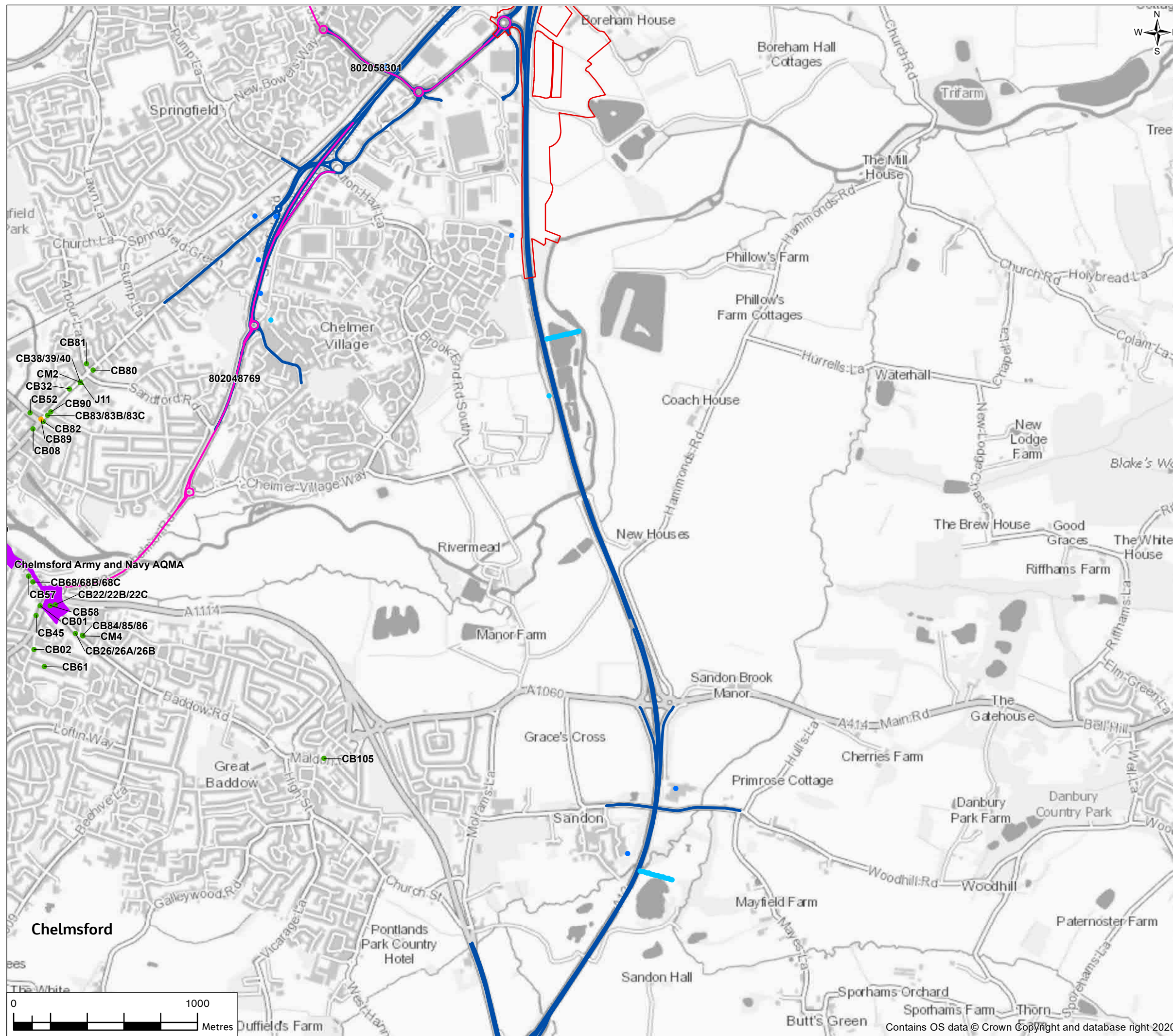
PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 1 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0014						



Contains OS data © Crown Copyright and database right 2020

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

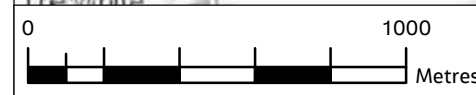
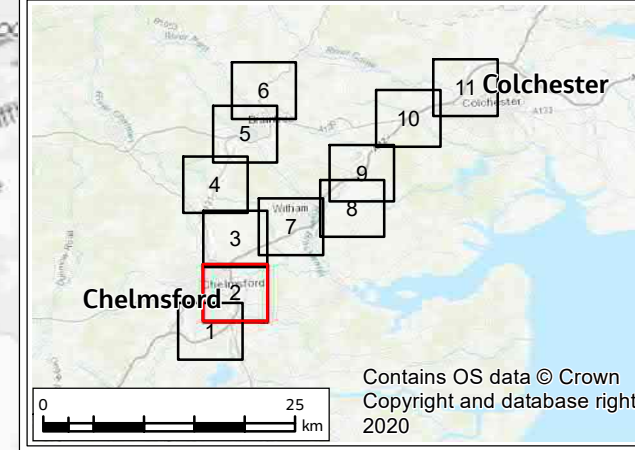
**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area
- Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)
  - Site removed in 2019
  - <36
  - 36 to <40
  - >=40
- Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)
  - <36
  - 36 to <40
  - >=40
- Worst-case Human Receptors
- Ecological Receptors
- PCM Census IDs
- Air Quality Management Areas

**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.

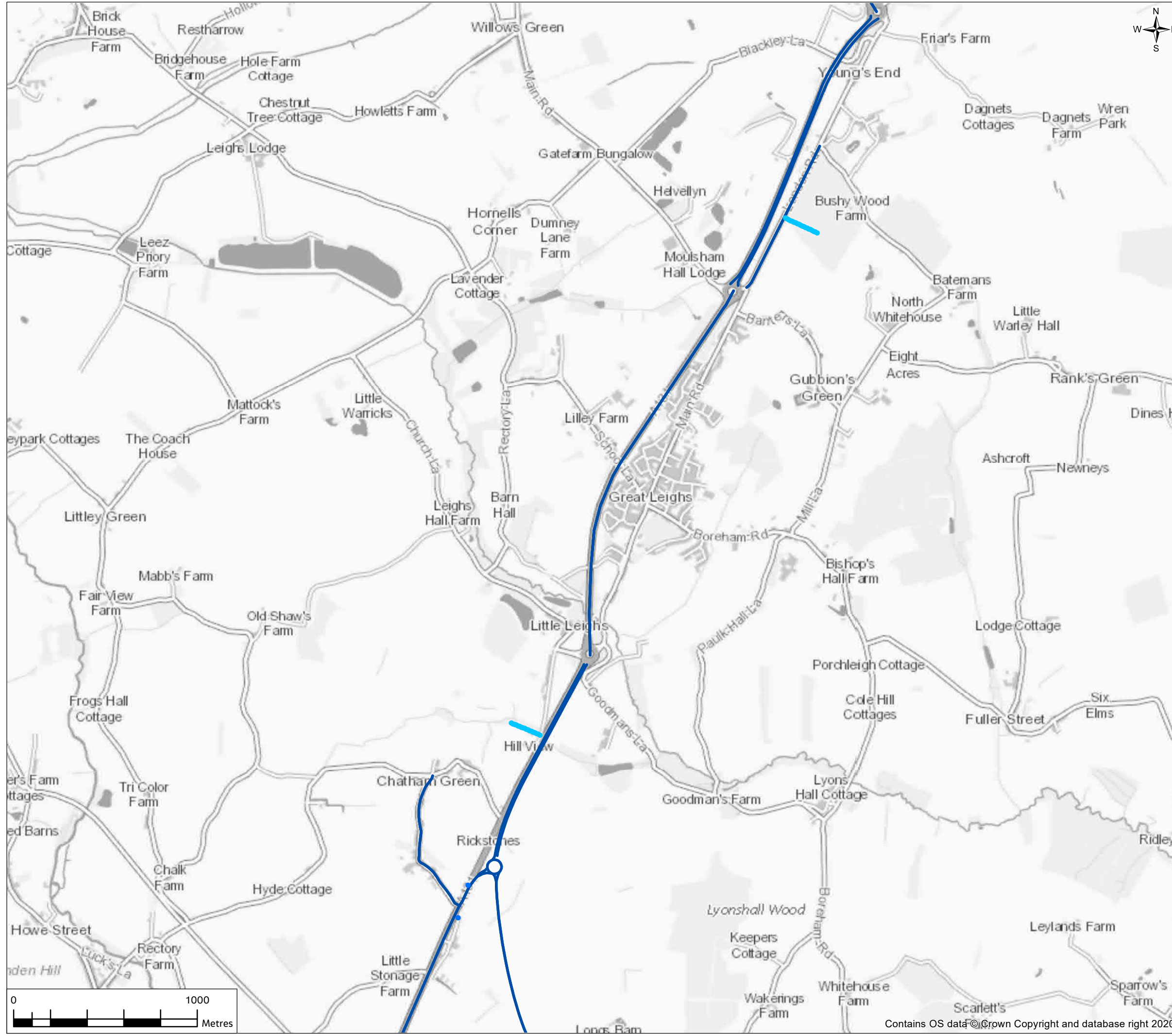


PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 2 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000	DO NOT SCALE			
Jacobs No.		B36601D1	Rev			
Client No.		HE551497	PO1			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0015						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area

**Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

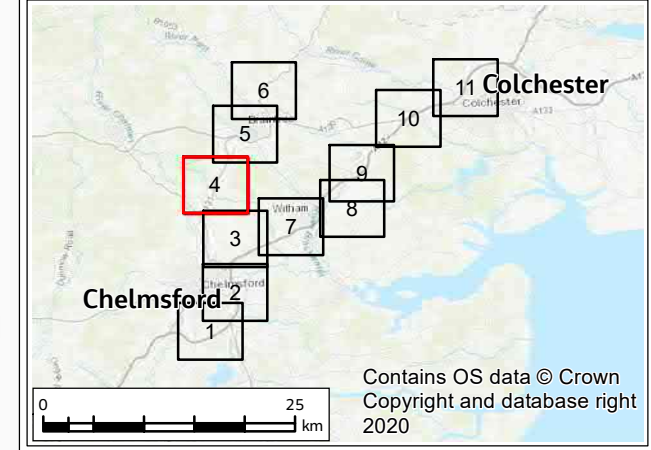
- Site removed in 2019
- <36
- 36 to <40
- >=40

**Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

- ▲ <36
- ▲ 36 to <40
- ▲ >=40

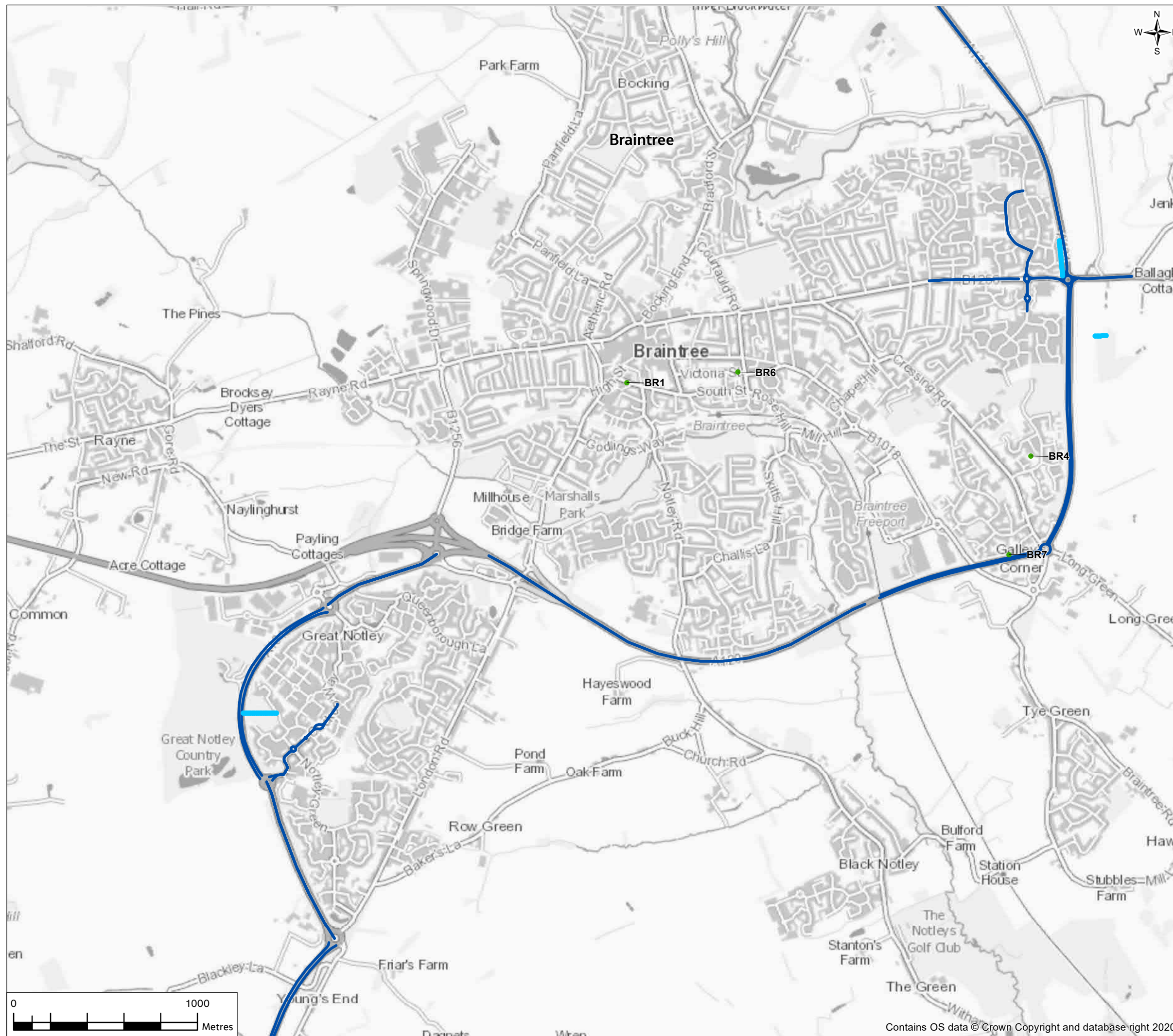
- Worst-case Human Receptors
- Ecological Receptors
- PCM Census IDs
- Air Quality Management Areas

**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.



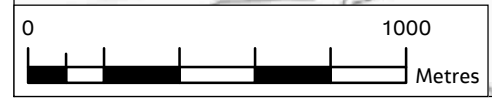
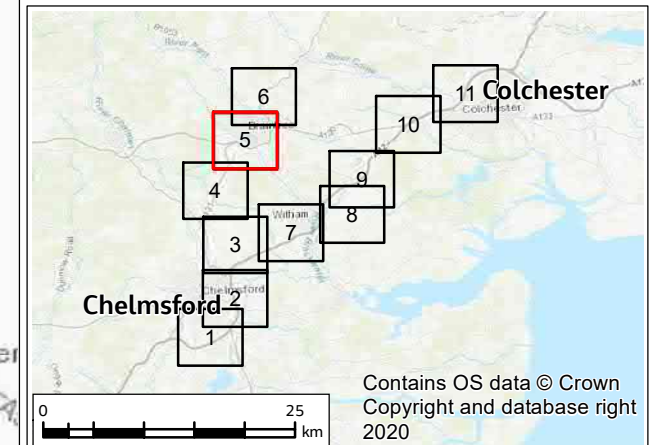
P01	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 4 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0017						

**FIGURE 6.2**



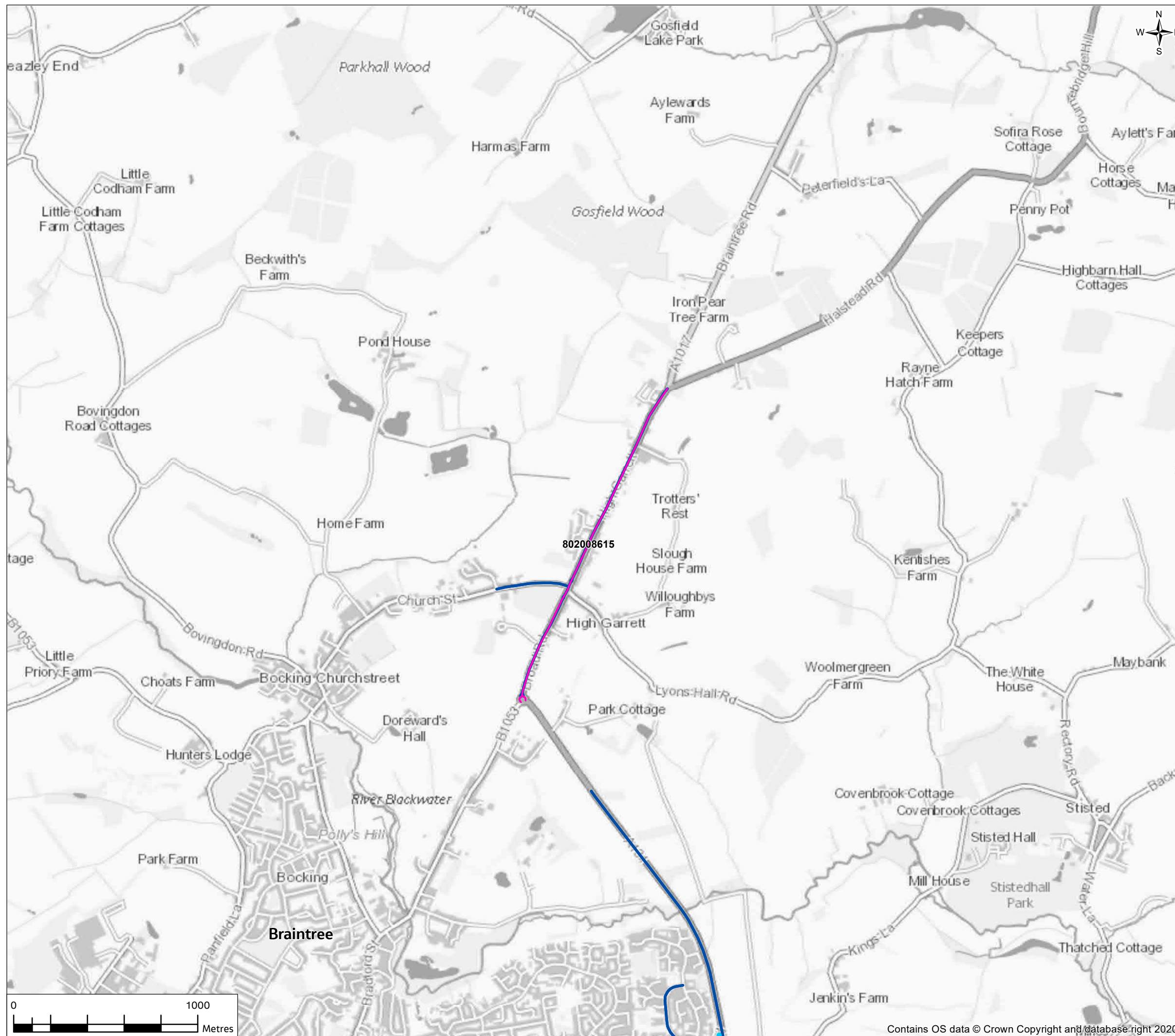
- Legend**
- Provisional Order Limits
  - Air Quality Study Area
  - Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**
  - Site removed in 2019
  - <36
  - 36 to <40
  - >=40
  - Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**
  - ▲ <36
  - ▲ 36 to <40
  - ▲ >=40
  - Worst-case Human Receptors
  - Ecological Receptors
  - PCM Census IDs
  - Air Quality Management Areas

**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 5 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000	DO NOT SCALE			
Jacobs No.		B36601D1	Rev P01			
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0018						

**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area

**Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

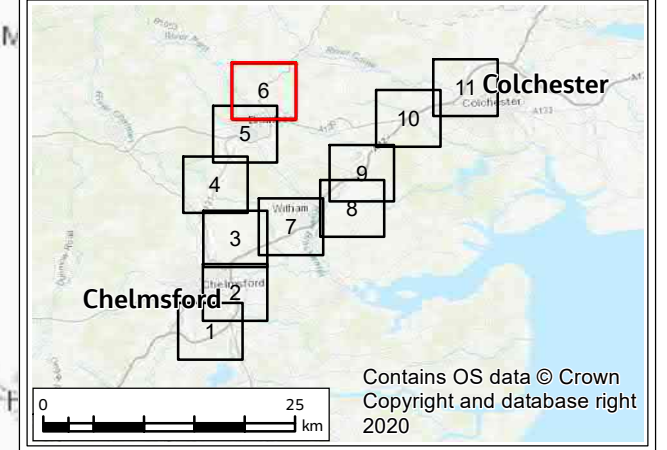
- Site removed in 2019
- <36
- 36 to <40
- >=40

**Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

- ▲ <36
- ▲ 36 to <40
- ▲ >=40

- Worst-case Human Receptors
- Ecological Receptors
- PCM Census IDs
- Air Quality Management Areas

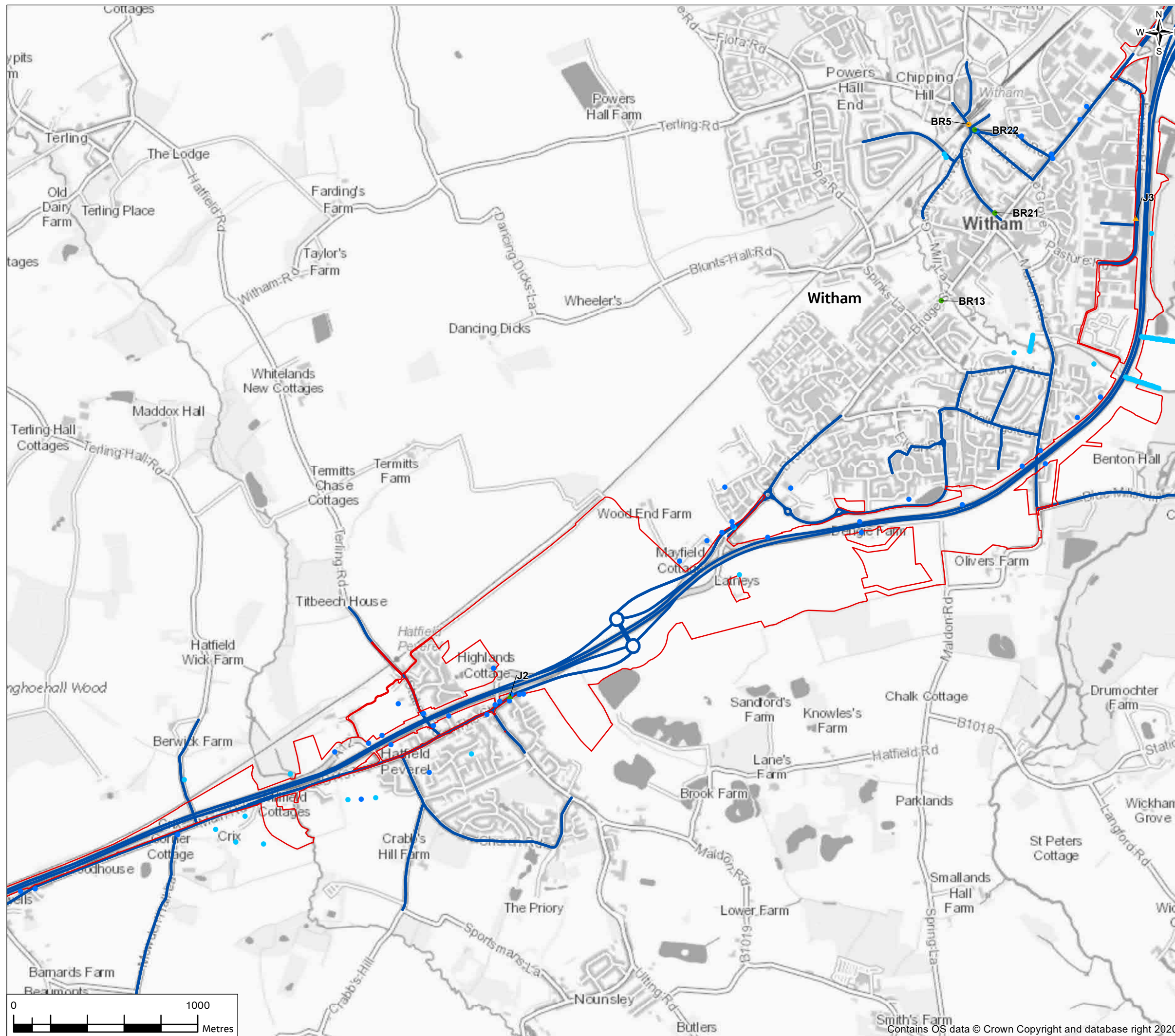
**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 6 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0019						



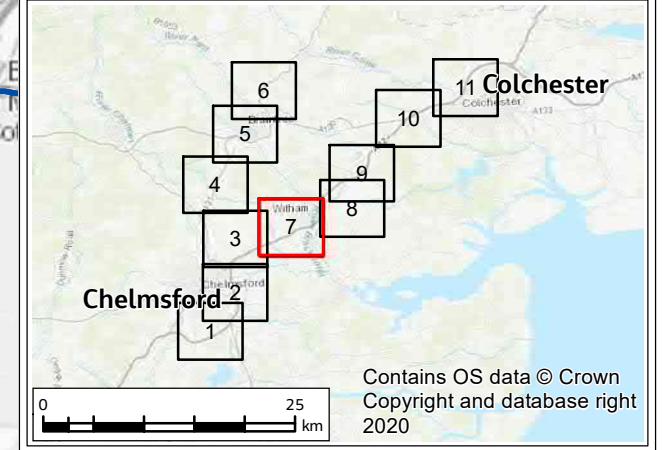
**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area
- Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)
  - Site removed in 2019
  - <36
  - 36 to <40
  - >=40
- Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)
  - <36
  - 36 to <40
  - >=40
- Worst-case Human Receptors
- Ecological Receptors
- PCM Census IDs
- Air Quality Management Areas

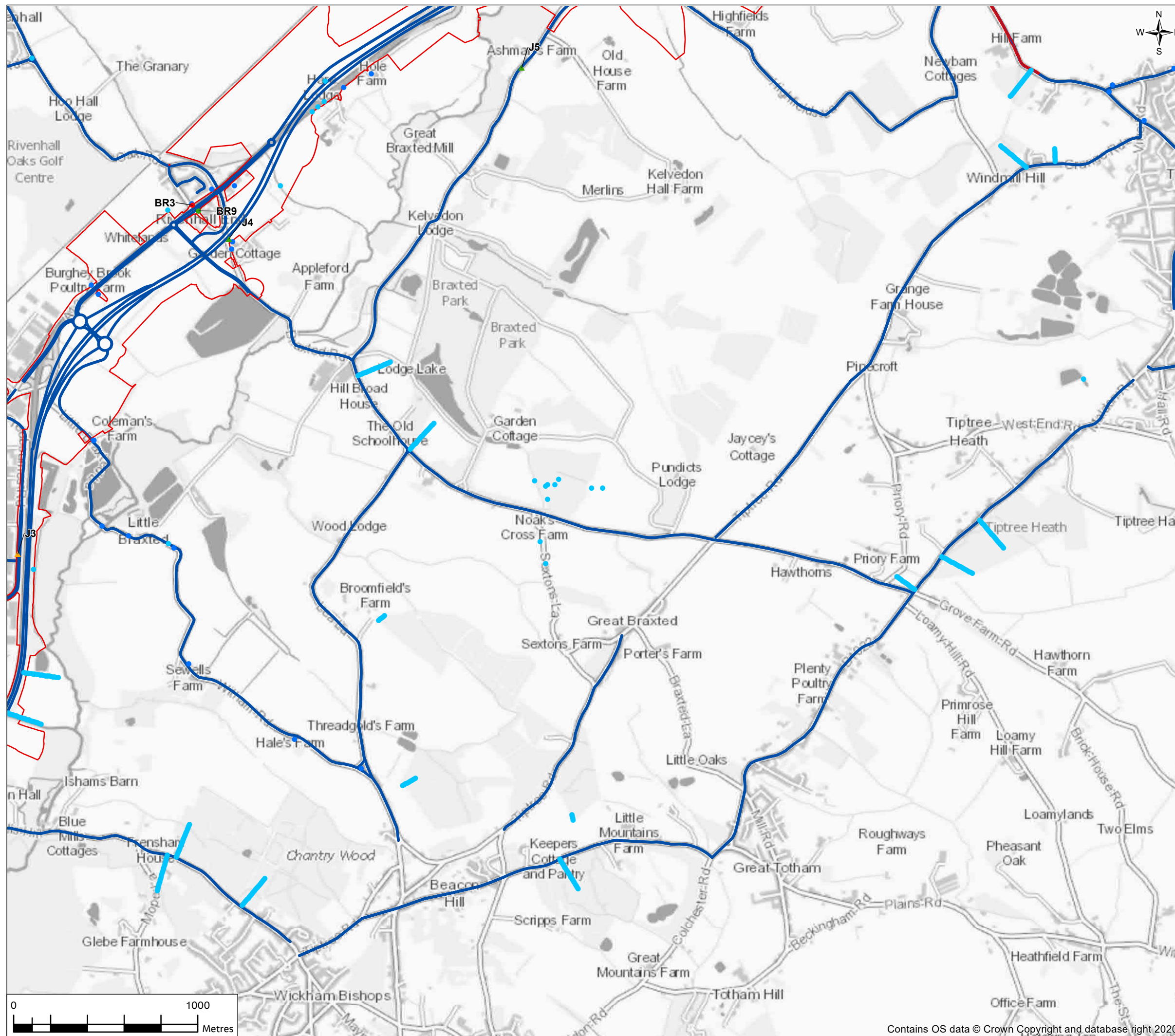
Note:  
Only monitoring sites and PCM Census IDs have been labelled.



P01	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 7 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000	DO NOT SCALE			
Jacobs No.		B36601D1	Rev P01			
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0020						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area

**Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

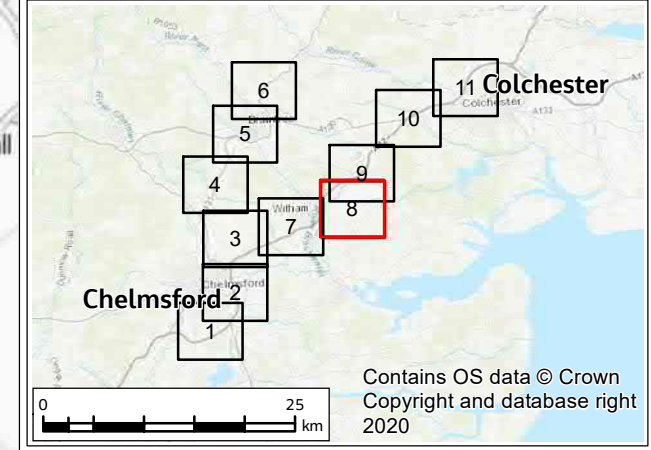
- Site removed in 2019
- <36
- 36 to <40
- >=40

**Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

- ▲ <36
- ▲ 36 to <40
- ▲ >=40

- Worst-case Human Receptors
- Ecological Receptors
- PCM Census IDs
- Air Quality Management Areas

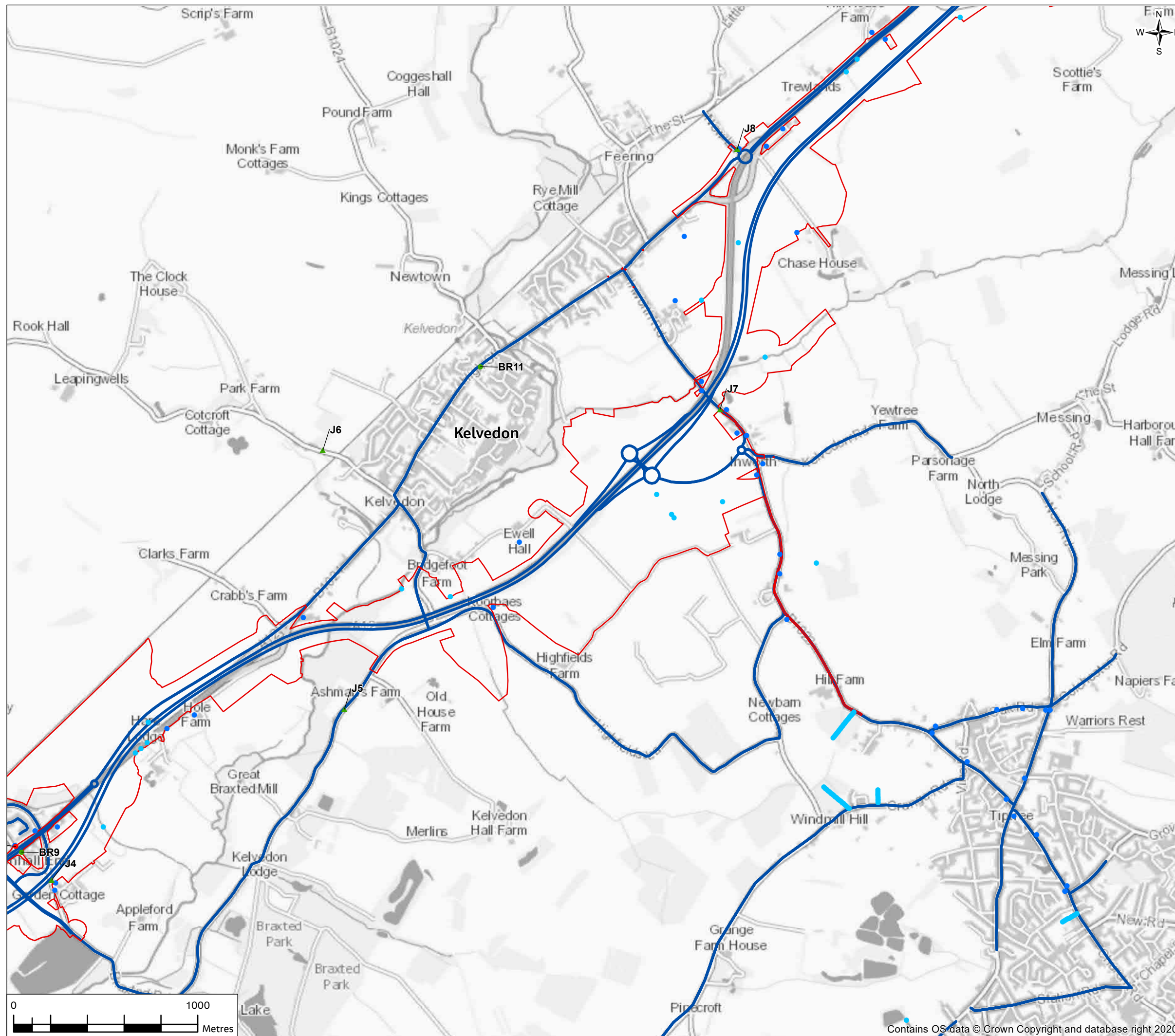
**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
						
Project <b>A12 CHELMSFORD TO A120 WIDENING SCHEME</b>						
Drawing Title <b>PEIR AIR QUALITY BASELINE CONDITIONS SHEET 8 OF 11</b>						
Drawing Status <b>S4 - SUITABLE FOR STAGE APPROVAL</b>						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number <b>HE551497-JAC-EAQ-SCHW-SK-GI-0021</b>						



**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area

**Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

- Site removed in 2019
- <36
- 36 to <40
- >=40

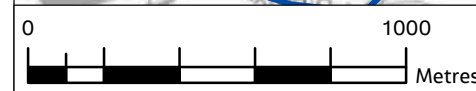
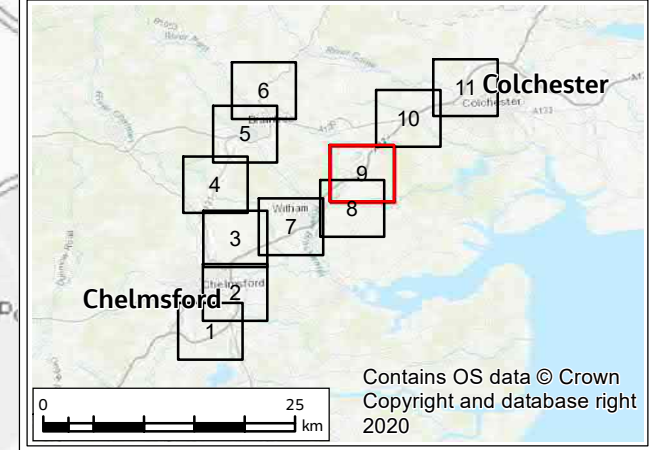
**Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

- ▲ <36
- ▲ 36 to <40
- ▲ >=40

- Worst-case Human Receptors
- Ecological Receptors

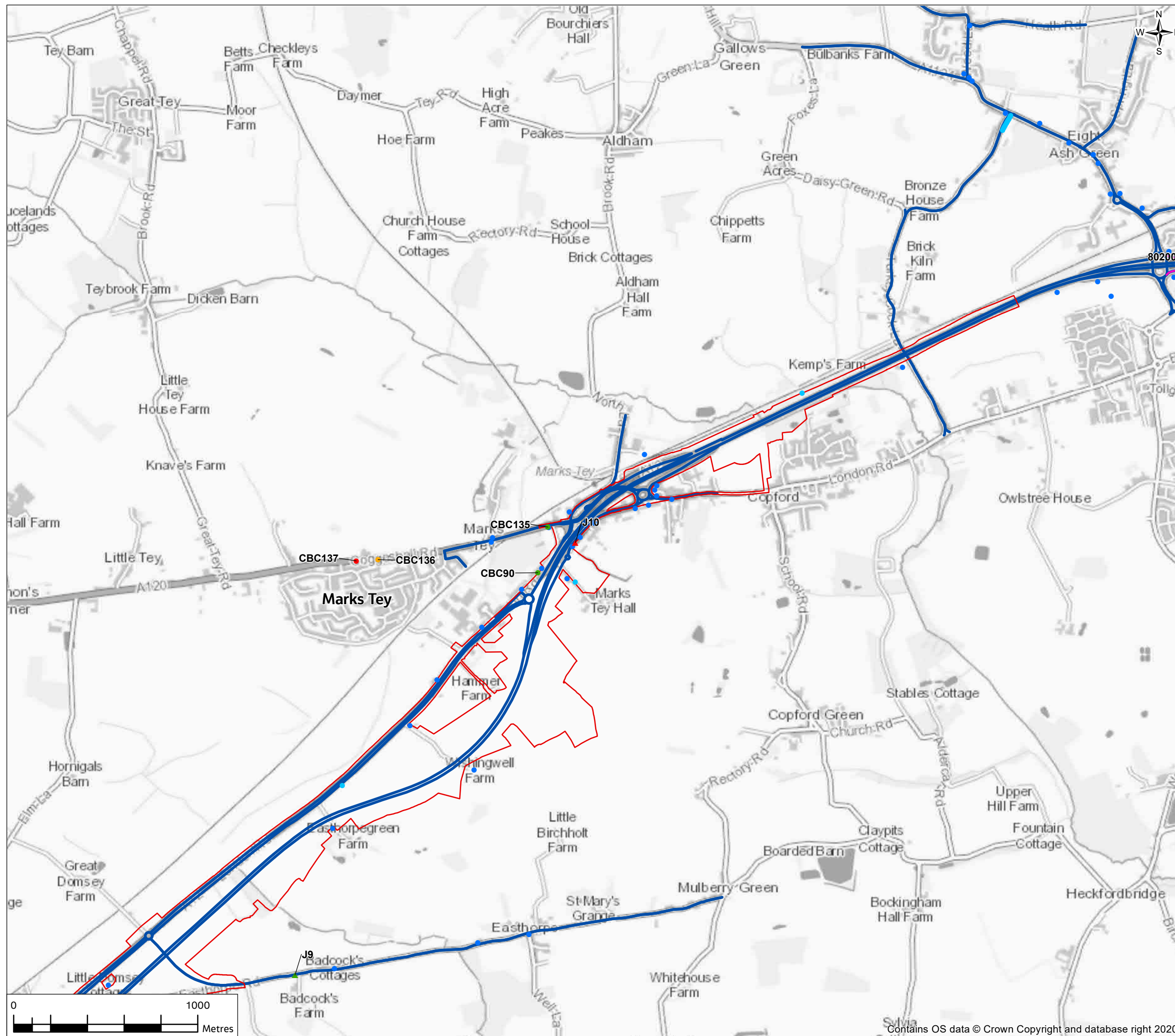
- PCM Census IDs
- Air Quality Management Areas

Note: Only monitoring sites and PCM Census IDs have been labelled.



P01	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 9 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000					DO NOT SCALE
Jacobs No.	B36601D1					Rev P01
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0022						

**FIGURE 6.2**



**Legend**

- Provisional Order Limits
- Air Quality Study Area

**Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

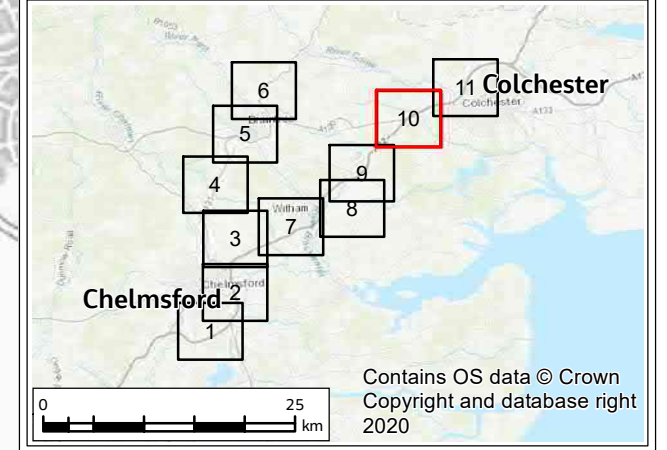
- Site removed in 2019
- <36
- 36 to <40
- >=40

**Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)**

- ▲ <36
- ▲ 36 to <40
- ▲ >=40

- Worst-case Human Receptors
- Ecological Receptors
- PCM Census IDs
- Air Quality Management Areas

**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Project <b>A12 CHELMSFORD TO A120 WIDENING SCHEME</b>						
Drawing Title <b>PEIR AIR QUALITY BASELINE CONDITIONS SHEET 10 OF 11</b>						
Drawing Status S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000				DO NOT SCALE	
Jacobs No.	B36601D1				Rev P01	
Client No.	HE551497					
Drawing Number HE551497-JAC-EAQ-SCHW-SK-GI-0023						

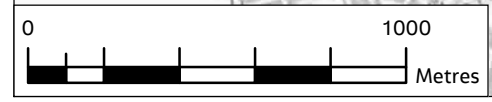
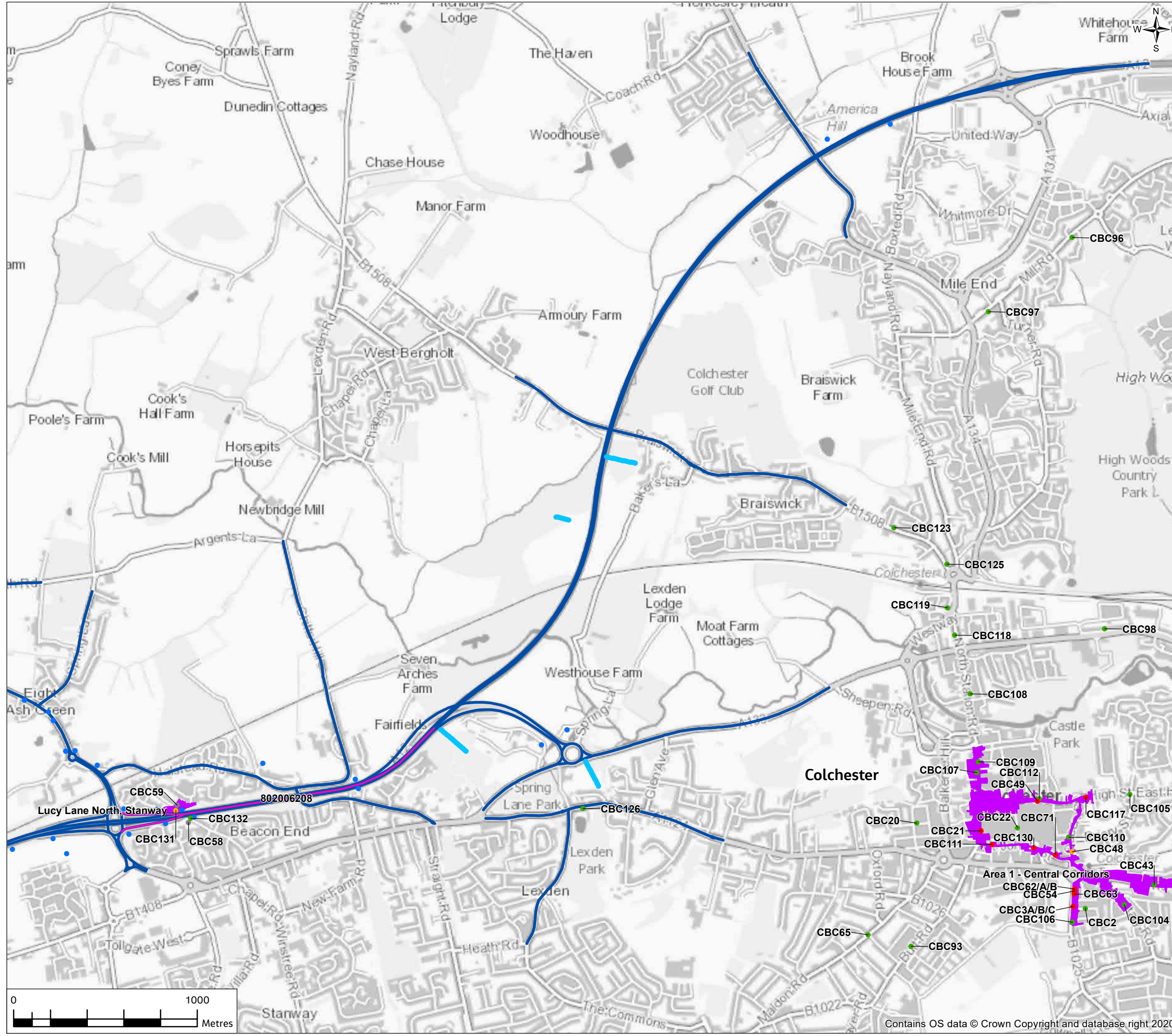
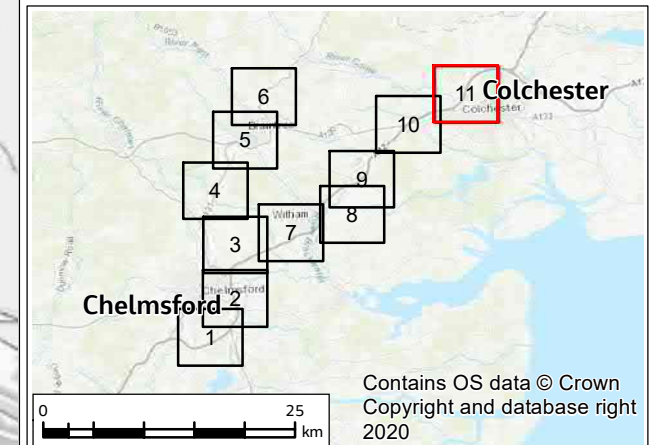


© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.2**

- Legend**
- Provisional Order Limits
  - Air Quality Study Area
  - Local Authority monitored 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)
    - Site removed in 2019
    - <36
    - 36 to <40
    - >=40  - Highways England monitored 2019 - annualised NO<sub>2</sub> concentrations (µg/m<sup>3</sup>)
    - ▲ <36
    - ▲ 36 to <40
    - ▲ >=40  - Worst-case Human Receptors
  - Ecological Receptors
  - PCM Census IDs
  - Air Quality Management Areas

**Note:**  
Only monitoring sites and PCM Census IDs have been labelled.

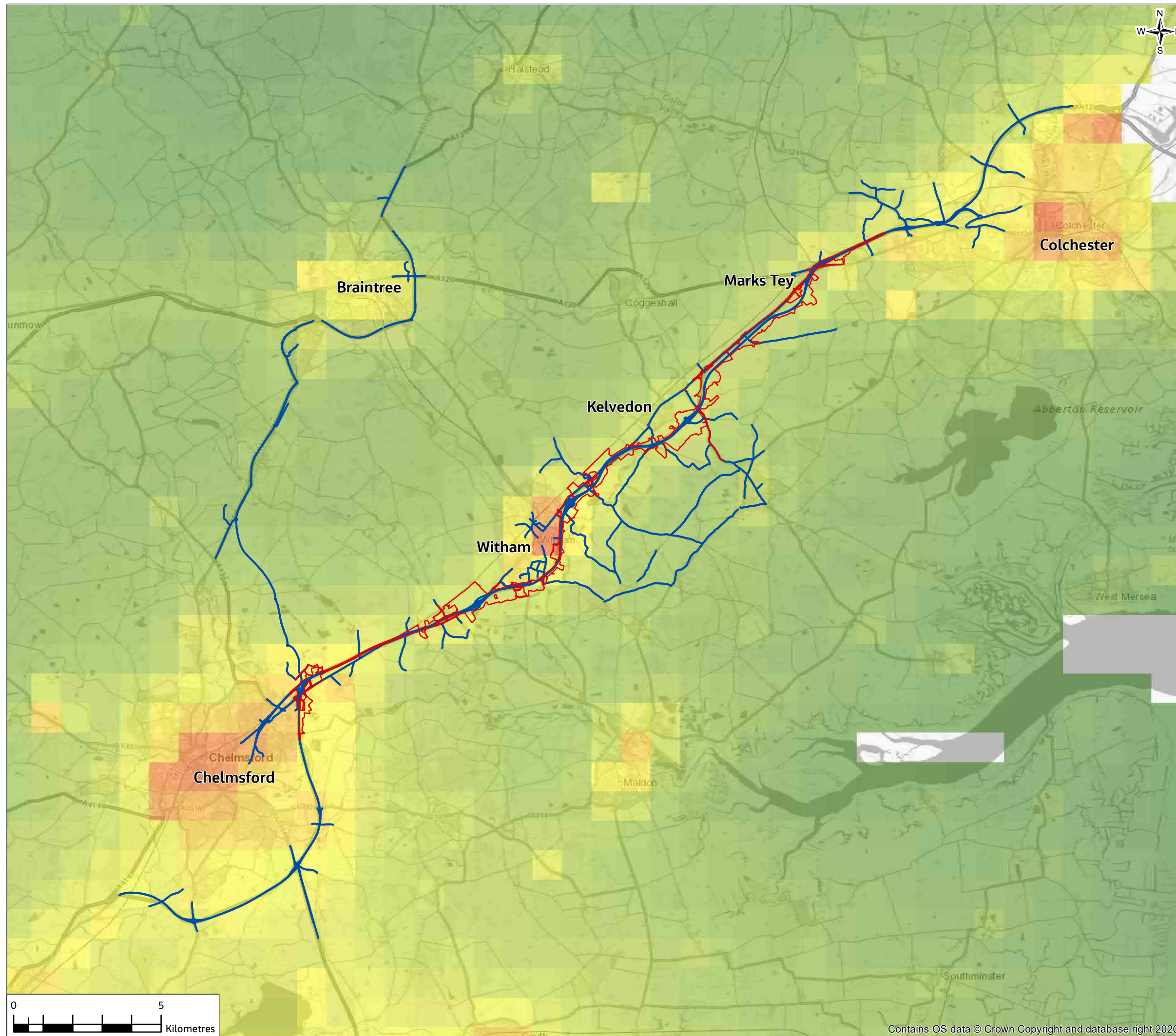


Contains OS data © Crown Copyright and database right 2020

PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR AIR QUALITY BASELINE CONDITIONS SHEET 11 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0024						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.3**



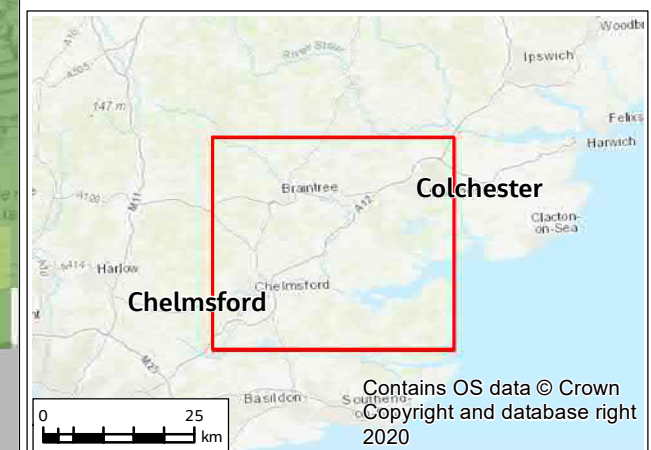
**Legend**

- Provisional Order Limits
- Air Quality Study Area


Background year 2019 NO<sub>2</sub> concentrations (µg/m<sup>3</sup>) \*

- Low (7.2)
- ↓
- ↓
- High (23.9)
- No data

**Note:**  
\* Adjusted and sector-removed background concentrations for the year 2019, for consistency with the latest available monitoring data.



PO1	12/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>JACOBS</b> Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	---

**Client**



**Project**

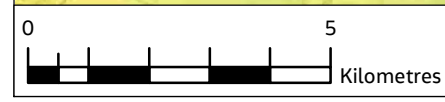
**A12 CHELMSFORD TO A120 WIDENING SCHEME**

**Drawing Title**

**PEIR  
BACKGROUND NO<sub>2</sub> CONCENTRATIONS  
SHEET 1 OF 1**

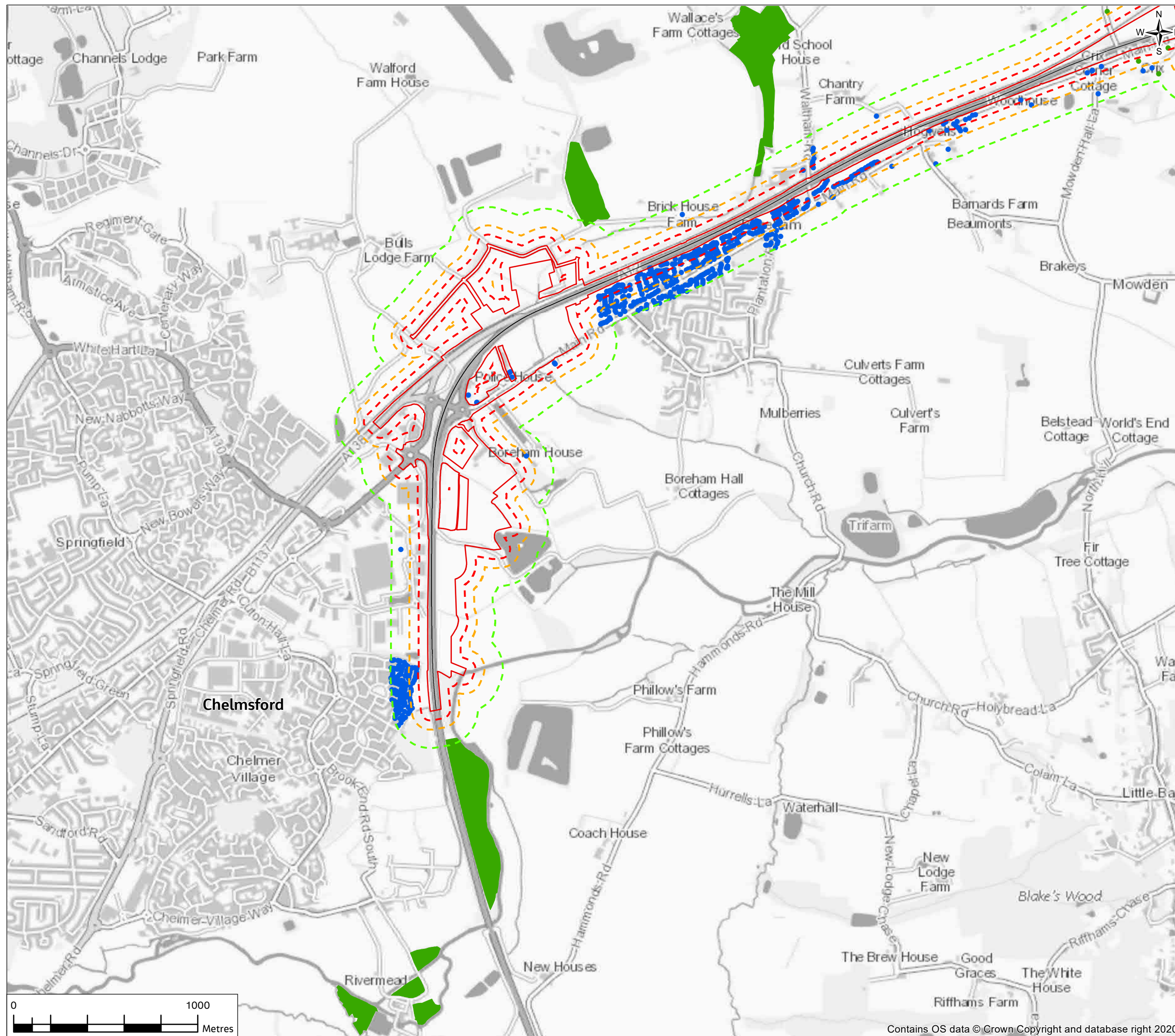
<b>Drawing Status</b>	S4 - SUITABLE FOR STAGE APPROVAL	
Scale @ A3	1:125000	DO NOT SCALE
Jacobs No.	B36601D1	Rev P01
Client No.	HE551497	
<b>Drawing Number</b>	HE551497-JAC-EAQ-SCHW-SK-GI-0025	

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



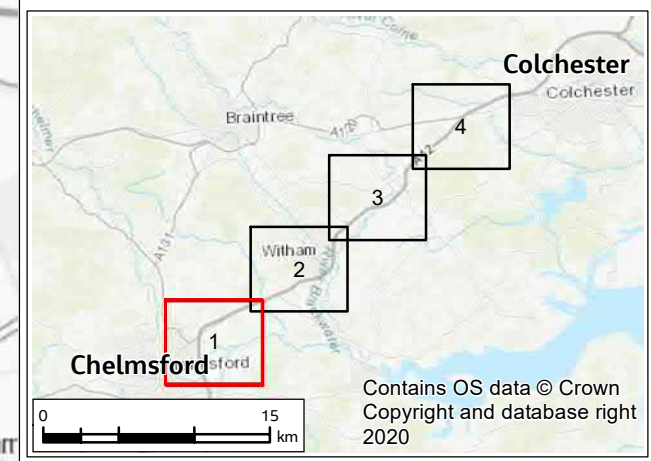
Contains OS data © Crown Copyright and database right 2020

**FIGURE 6.4**



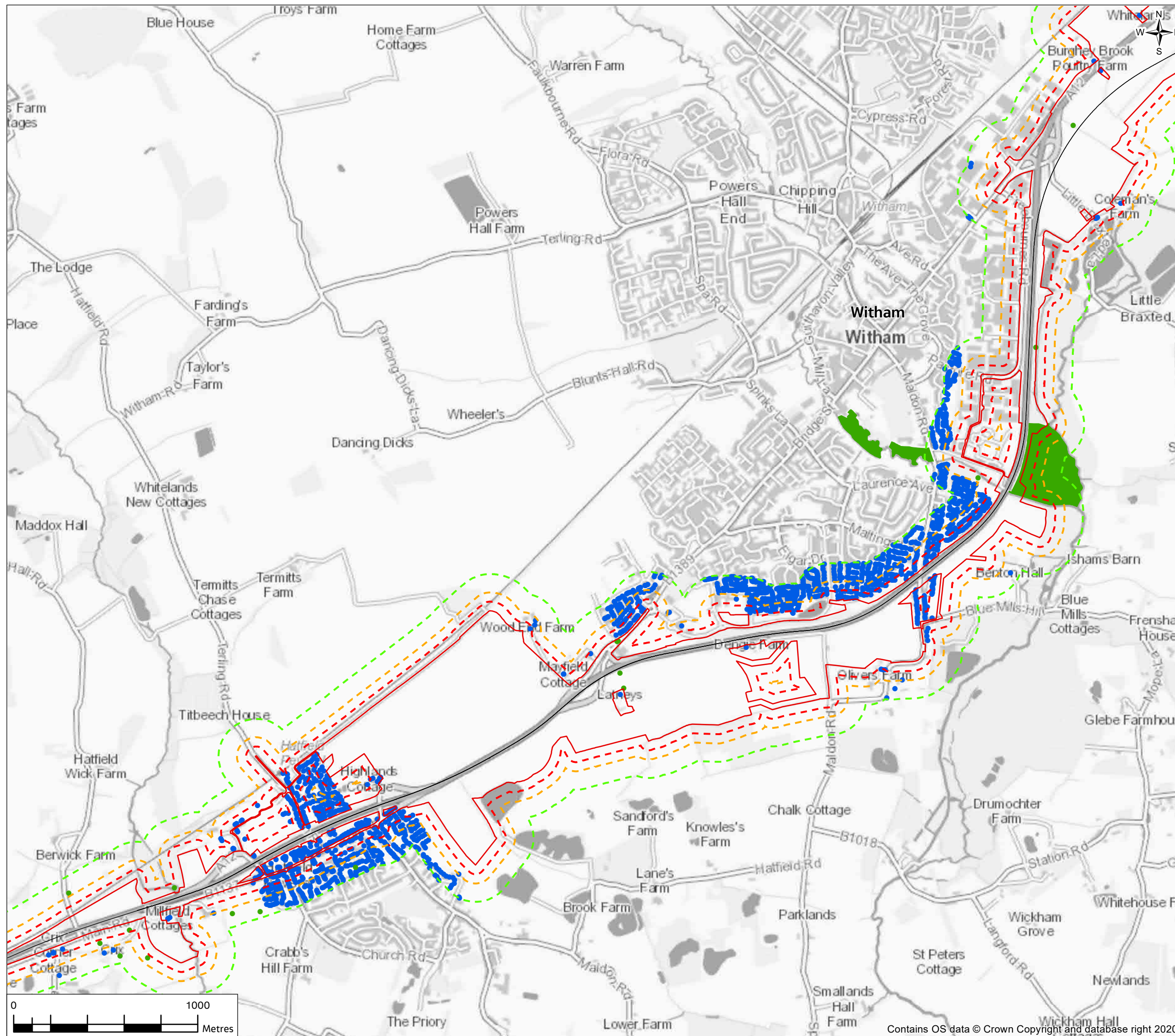
**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Provisional Order Limits 50m Buffer
- Provisional Order Limits 100m Buffer
- Provisional Order Limits 200m Buffer
- Human Dust Receptor
- Ecological Dust Receptor



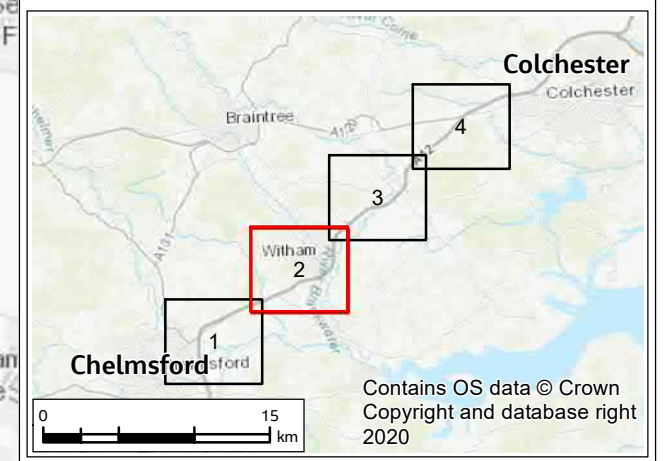
PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR CONSTRUCTION DUST ASSESSMENT - SENSITIVE RECEPTORS SHEET 1 OF 4						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0026						

**FIGURE 6.4**



**Legend**

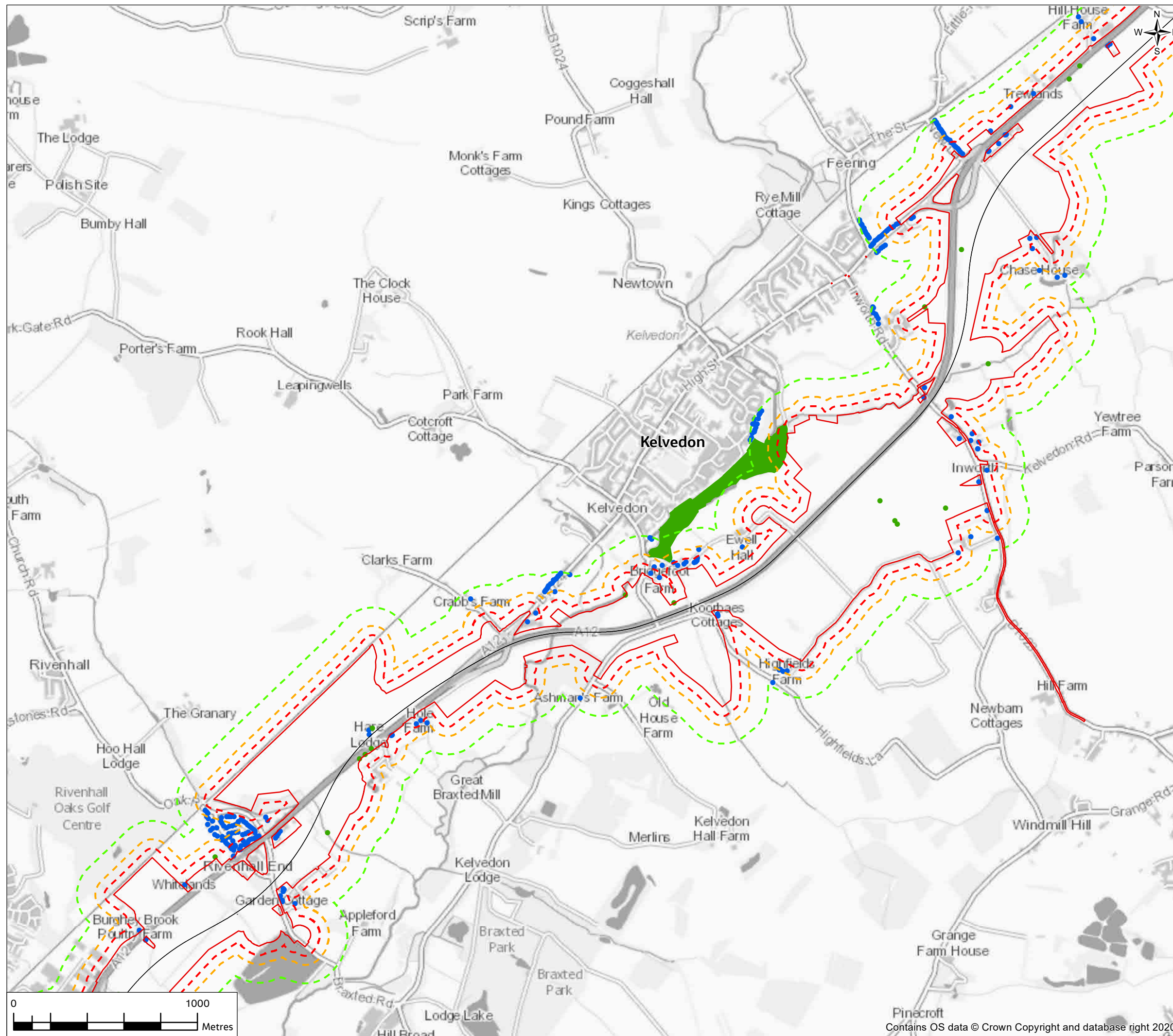
- Provisional Order Limits
- Proposed Scheme Centreline
- Provisional Order Limits 50m Buffer
- Provisional Order Limits 100m Buffer
- Provisional Order Limits 200m Buffer
- Human Dust Receptor
- Ecological Dust Receptor



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR CONSTRUCTION DUST ASSESSMENT - SENSITIVE RECEPTORS SHEET 2 OF 4						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev	
Client No.			HE551497		PO1	
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0027						

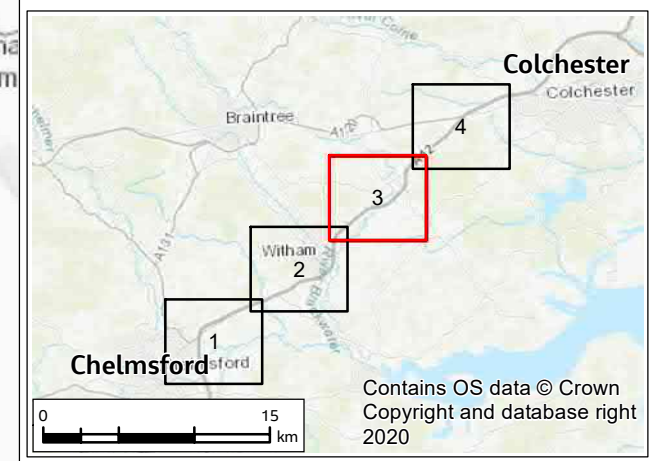


**FIGURE 6.4**



**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Provisional Order Limits 50m Buffer
- Provisional Order Limits 100m Buffer
- Provisional Order Limits 200m Buffer
- Human Dust Receptor
- Ecological Dust Receptor










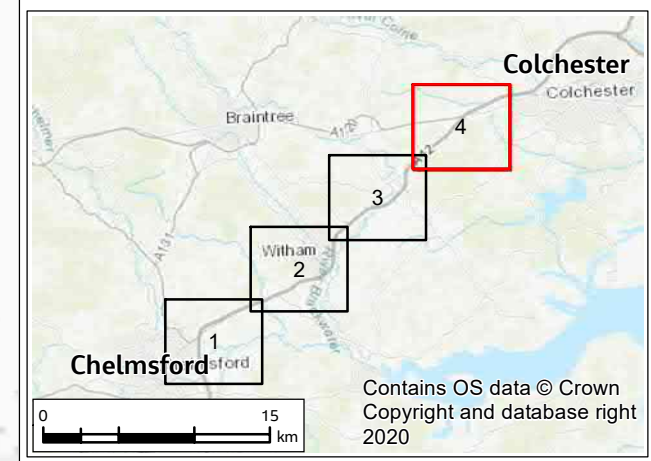
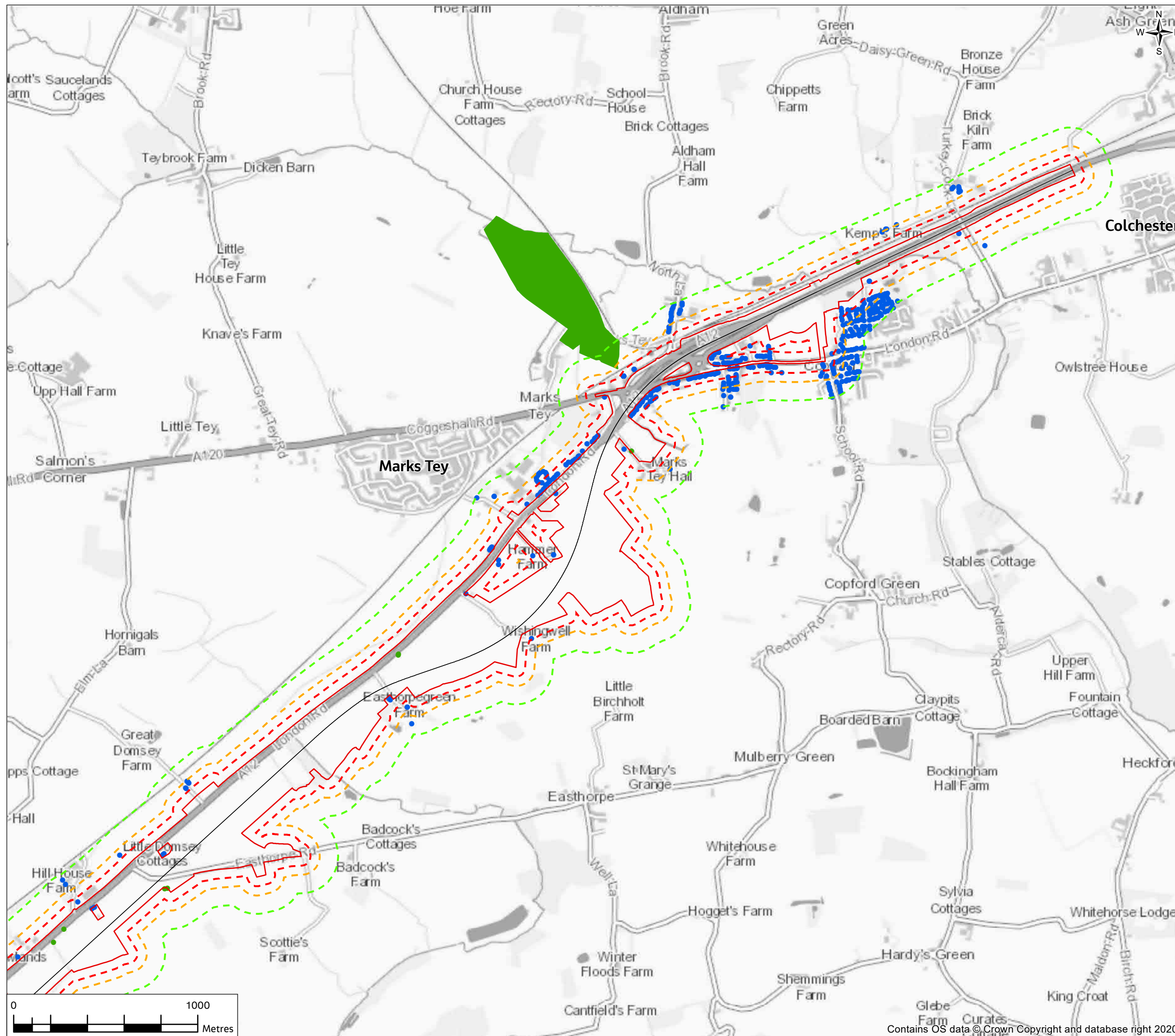
PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR CONSTRUCTION DUST ASSESSMENT - SENSITIVE RECEPTORS SHEET 3 OF 4						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0028						



© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.4**

- Legend**
-  Provisional Order Limits
  -  Proposed Scheme Centreline
  -  Provisional Order Limits 50m Buffer
  -  Provisional Order Limits 100m Buffer
  -  Provisional Order Limits 200m Buffer
  -  Human Dust Receptor
  -  Ecological Dust Receptor



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR CONSTRUCTION DUST ASSESSMENT - SENSITIVE RECEPTORS SHEET 4 OF 4						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000		DO NOT SCALE			
Jacobs No.	B36601D1		Rev		P01	
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0029						

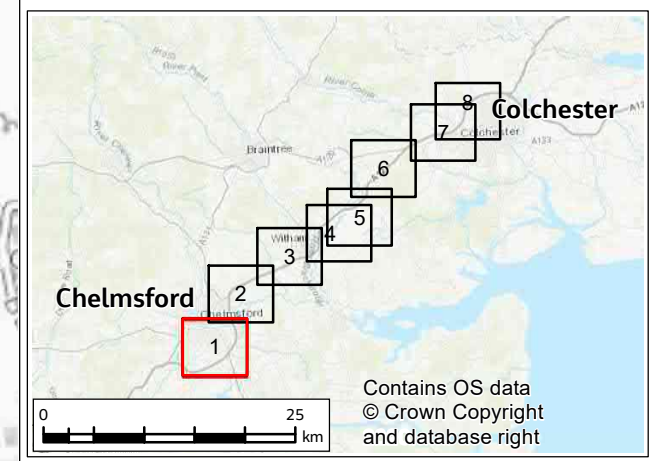
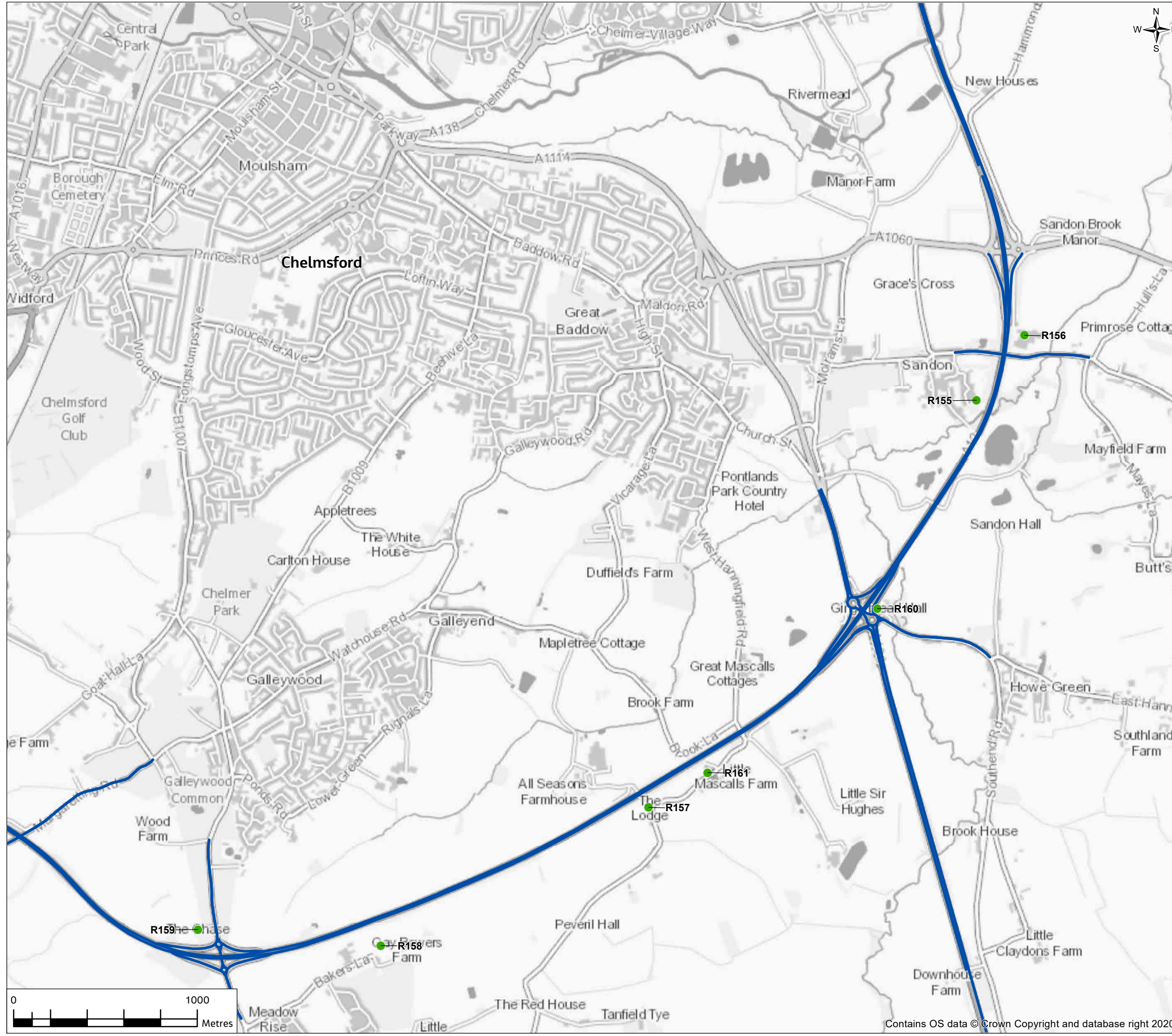


**FIGURE 6.5**



**Legend**

- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2025 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**
- <36
  - 36 to <40
  - ≥40



PO1	30/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

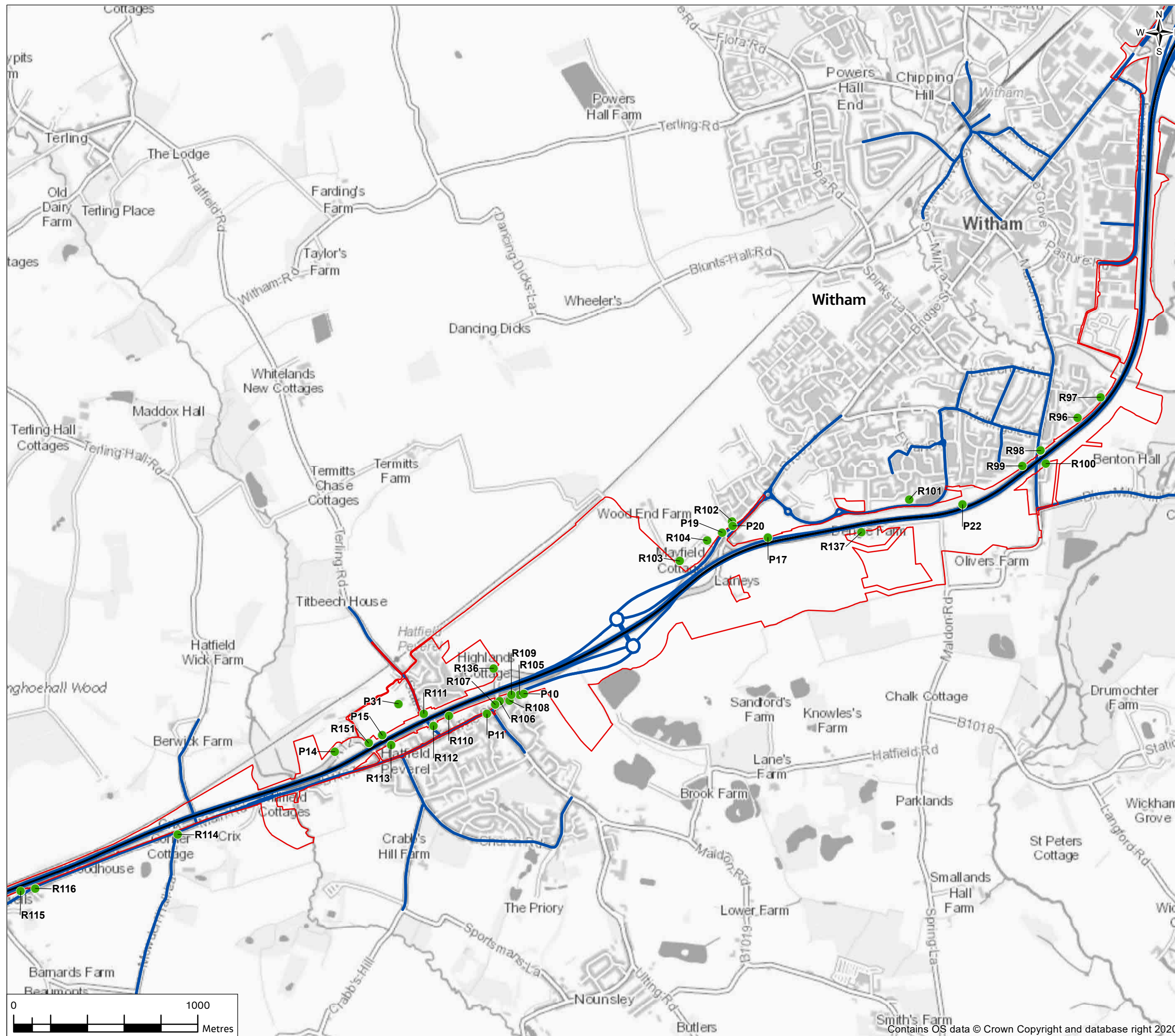
PEIR  
 MODELLED NO<sub>2</sub> CONCENTRATIONS IN THE PEAK  
 CONSTRUCTION YEAR (2025) DO SOMETHING SCENARIO  
 FOR HUMAN HEALTH RECEPTORS - SHEET 1 OF 8

<b>Drawing Status</b>		S4 - SUITABLE FOR STAGE APPROVAL	
Scale @ A3	1:20000	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	P01
Client No.	HE551497		
<b>Drawing Number</b>			
HE551497-JAC-EAQ-SCHW-SK-GI-0030			

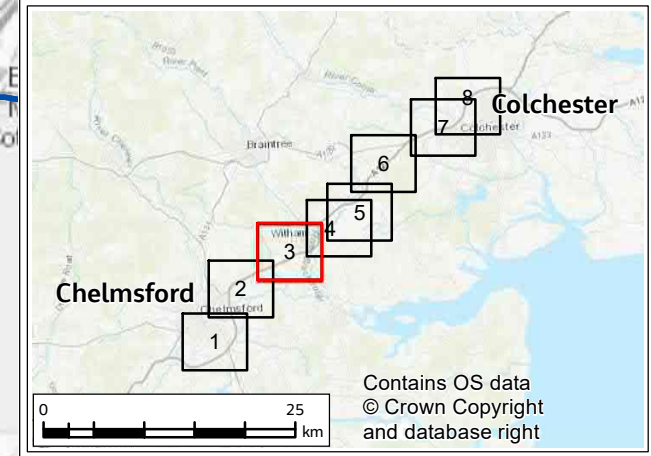
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**FIGURE 6.5**



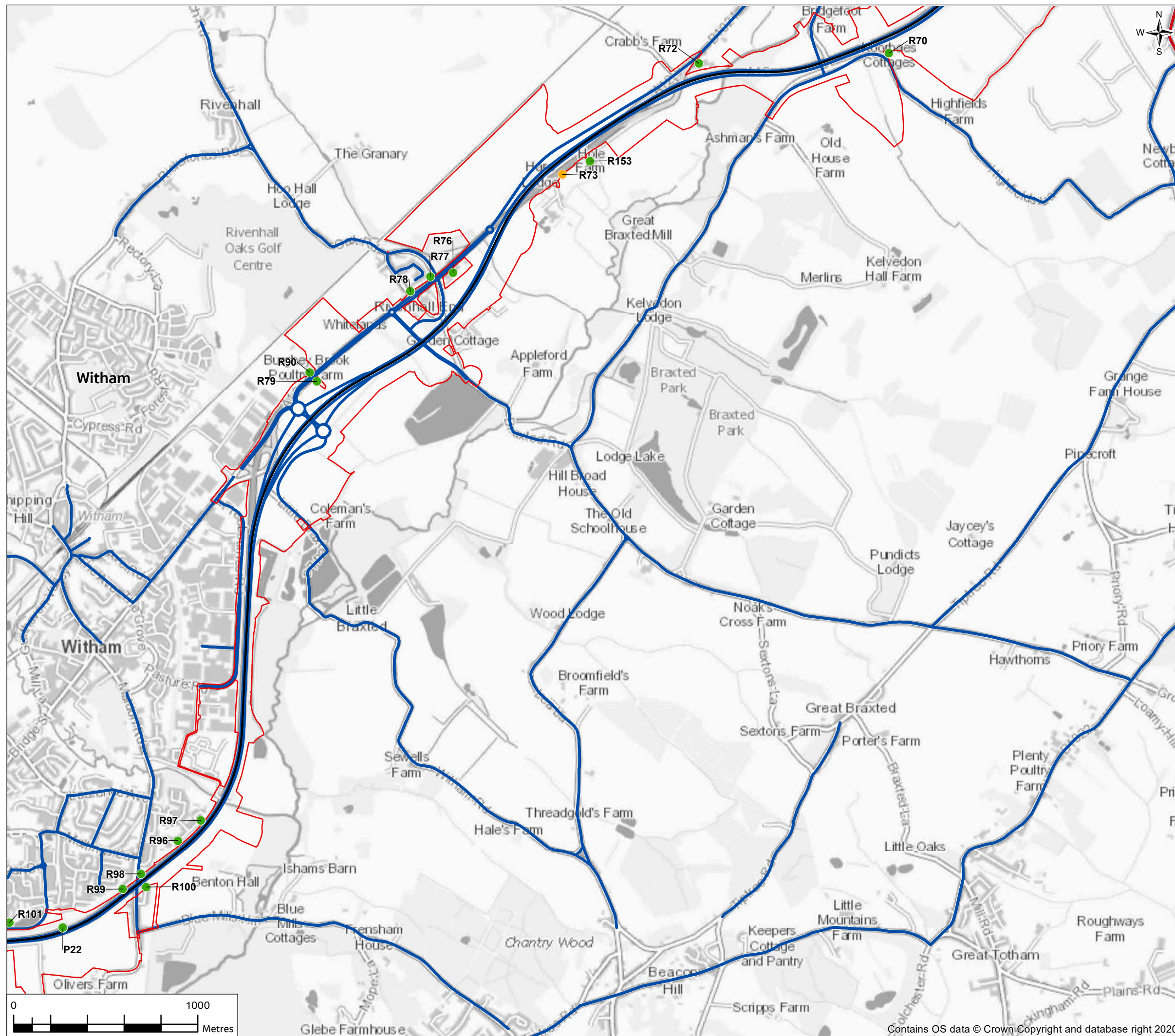
- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2025 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**
- <36
  - 36 to <40
  - >=40



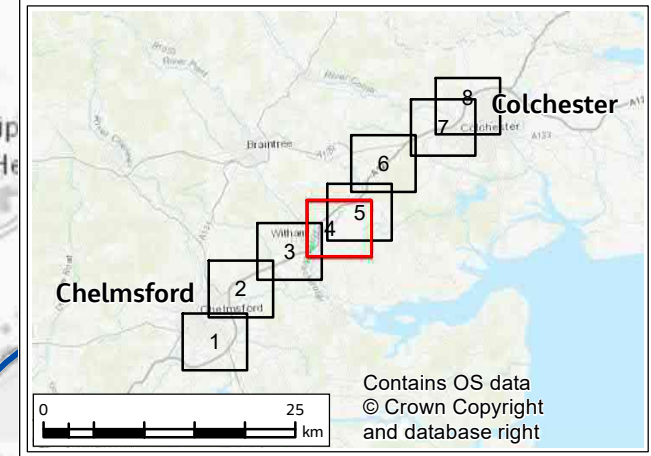
PO1	30/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED NO <sub>2</sub> CONCENTRATIONS IN THE PEAK CONSTRUCTION YEAR (2025) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 3 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000		DO NOT SCALE			
Jacobs No.	B36601D1		Rev		P01	
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0032						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.5**



- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2025 Do Something NO<sub>2</sub> Concentration ( $\mu\text{g}/\text{m}^3$ )**
- <math><36</math>
  - <math>36\ \text{to}\ <40</math>
  - <math>\geq 40</math>



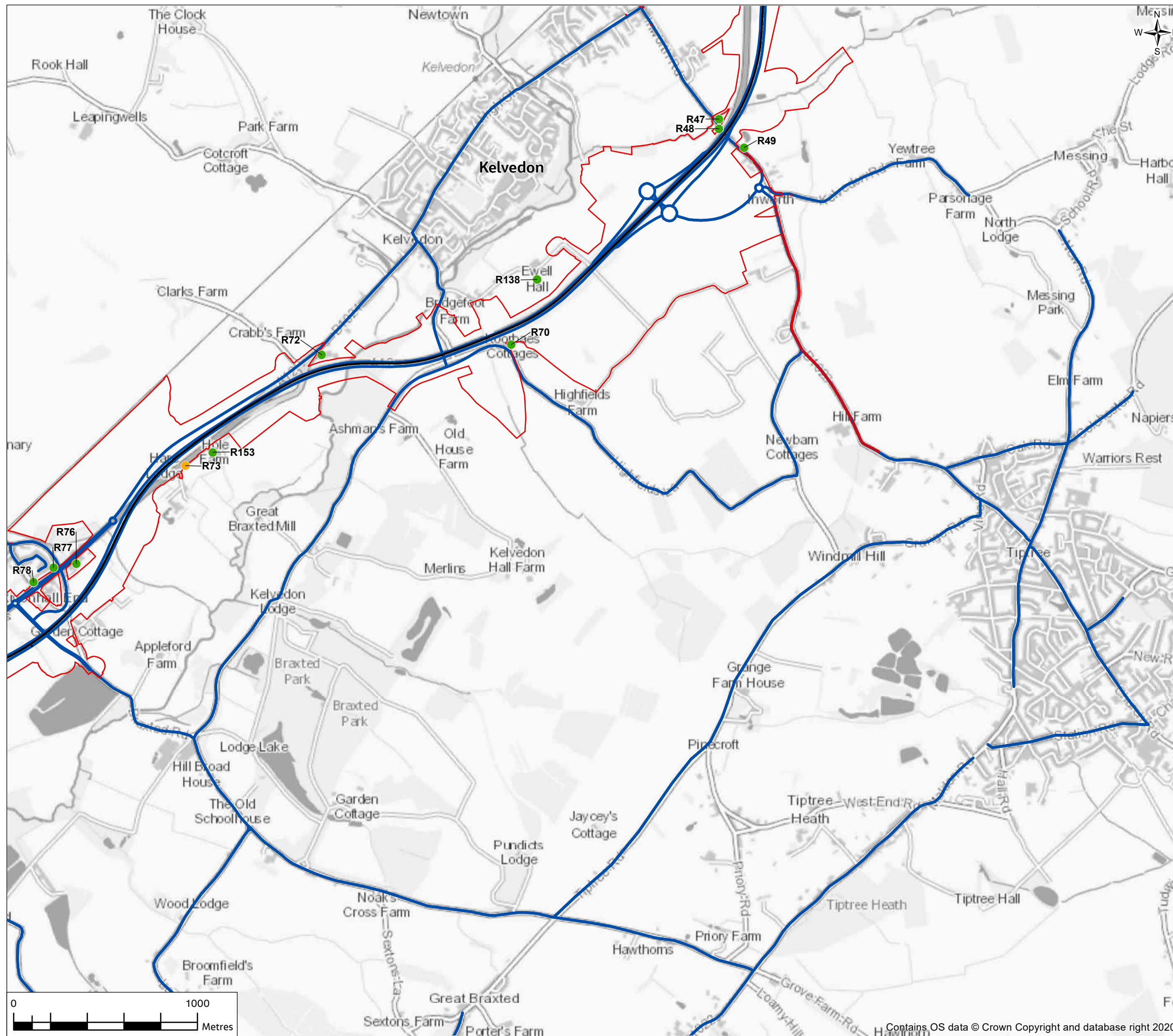
PO1	30/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED NO <sub>2</sub> CONCENTRATIONS IN THE PEAK CONSTRUCTION YEAR (2025) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 4 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev		P01
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0033						



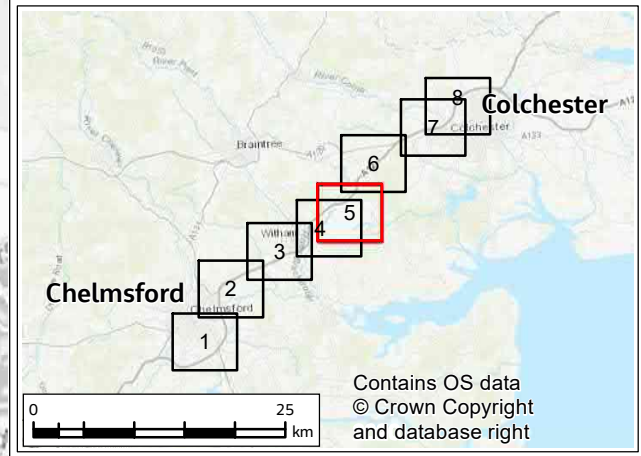
Contains OS data © Crown Copyright and database right 2020

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.5**



- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2025 Do Something NO<sub>2</sub> Concentration ( $\mu\text{g}/\text{m}^3$ )**
- <math>< 36</math>
  - <math>36 \text{ to } < 40</math>
  - <math>\geq 40</math>



PO1	30/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



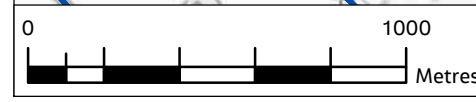
**Project**

A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

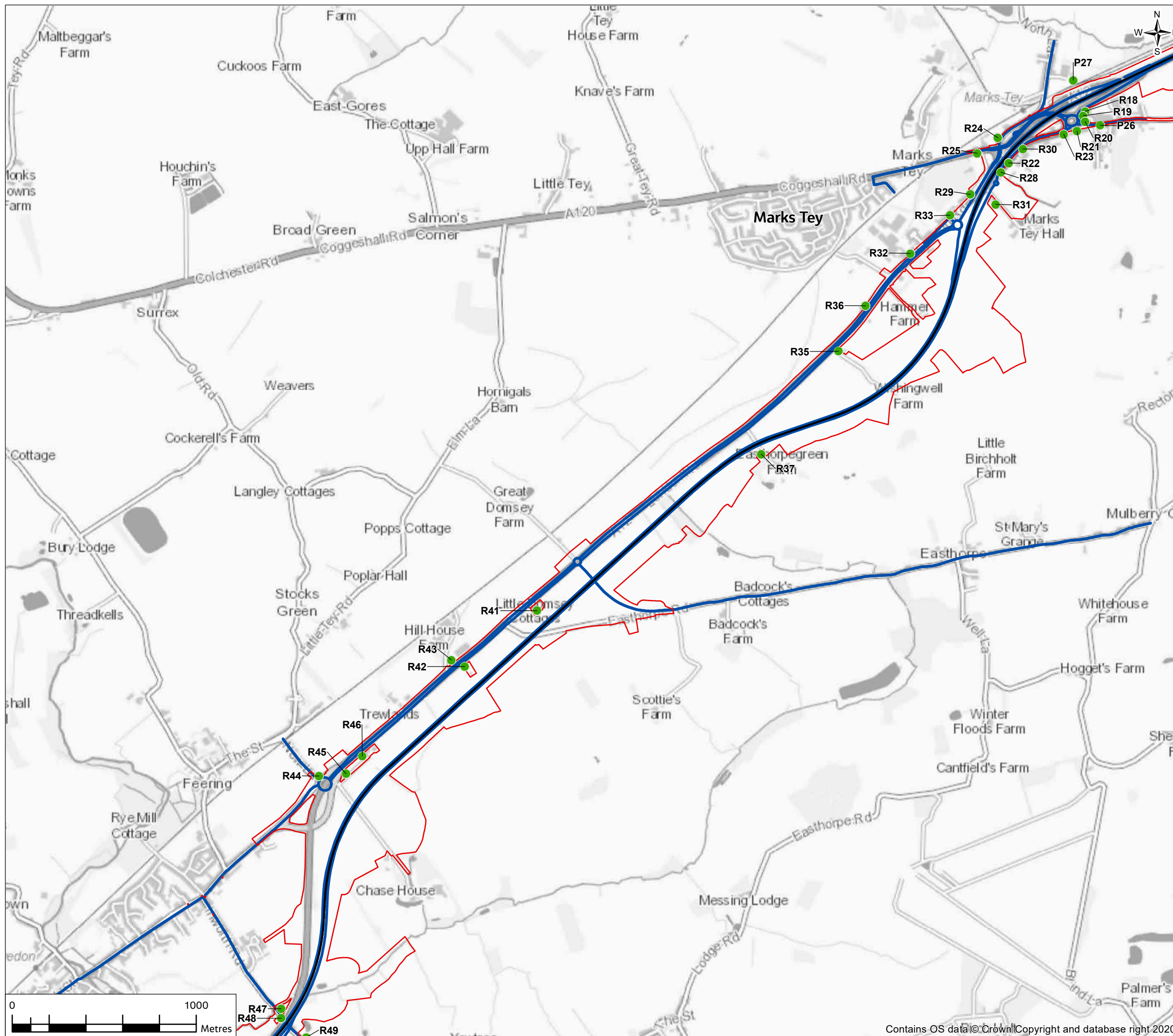
PEIR  
 MODELLED NO<sub>2</sub> CONCENTRATIONS IN THE PEAK  
 CONSTRUCTION YEAR (2025) DO SOMETHING SCENARIO  
 FOR HUMAN HEALTH RECEPTORS - SHEET 5 OF 8

<b>Drawing Status</b>		S4 - SUITABLE FOR STAGE APPROVAL	
Scale @ A3	1:20000	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	P01
Client No.	HE551497		
<b>Drawing Number</b>			
HE551497-JAC-EAQ-SCHW-SK-GI-0034			



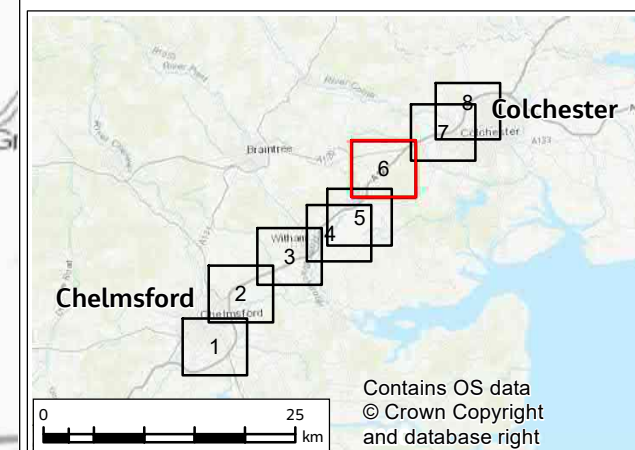
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.5**





**Legend**

- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2025 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)
- <36
  - 36 to <40
  - ≥40



PO1	30/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

PEIR  
 MODELLED NO<sub>2</sub> CONCENTRATIONS IN THE PEAK CONSTRUCTION YEAR (2025) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 6 OF 8

<b>Drawing Status</b>		S4 - SUITABLE FOR STAGE APPROVAL	
Scale @ A3	1:20000	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	P01
Client No.	HE551497		
<b>Drawing Number</b>			
HE551497-JAC-EAQ-SCHW-SK-GI-0035			

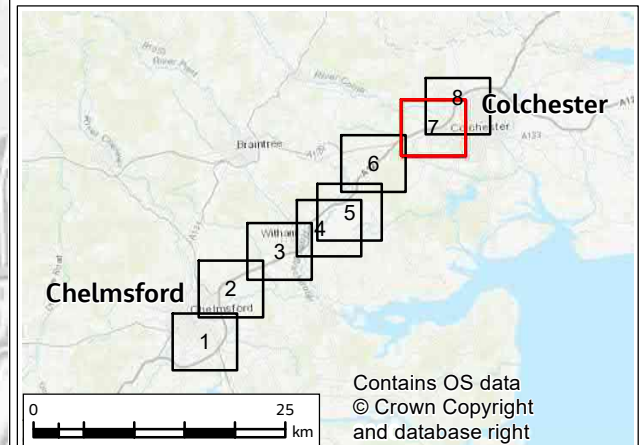
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**FIGURE 6.5**

**Legend**

- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2025 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**
- <36
  - 36 to <40
  - ≥40



PO1	30/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b> <b>Jacobs</b> Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
--	--

**Client**

**Project**

**A12 CHELMSFORD TO A120 WIDENING SCHEME**

**Drawing Title**

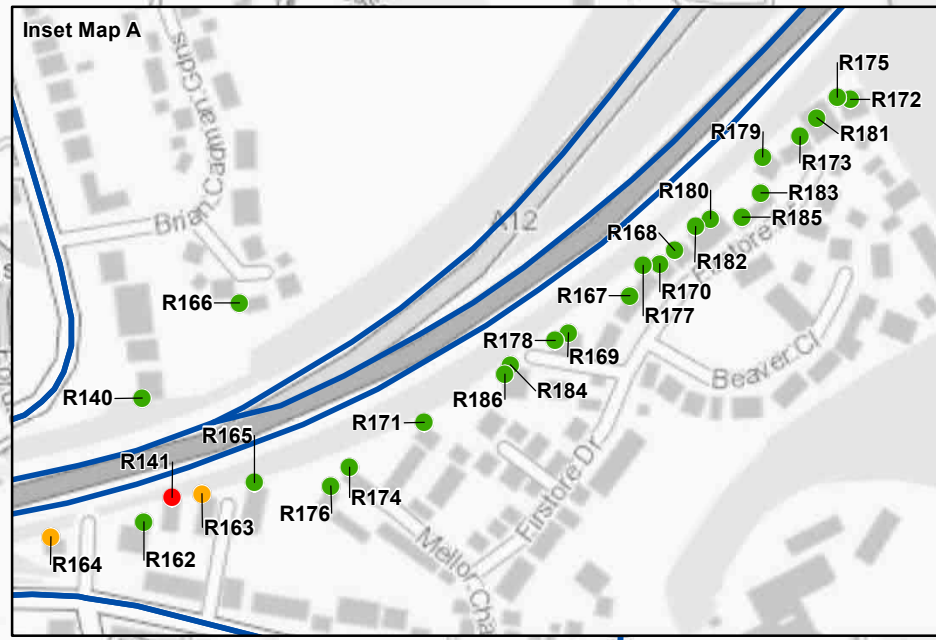
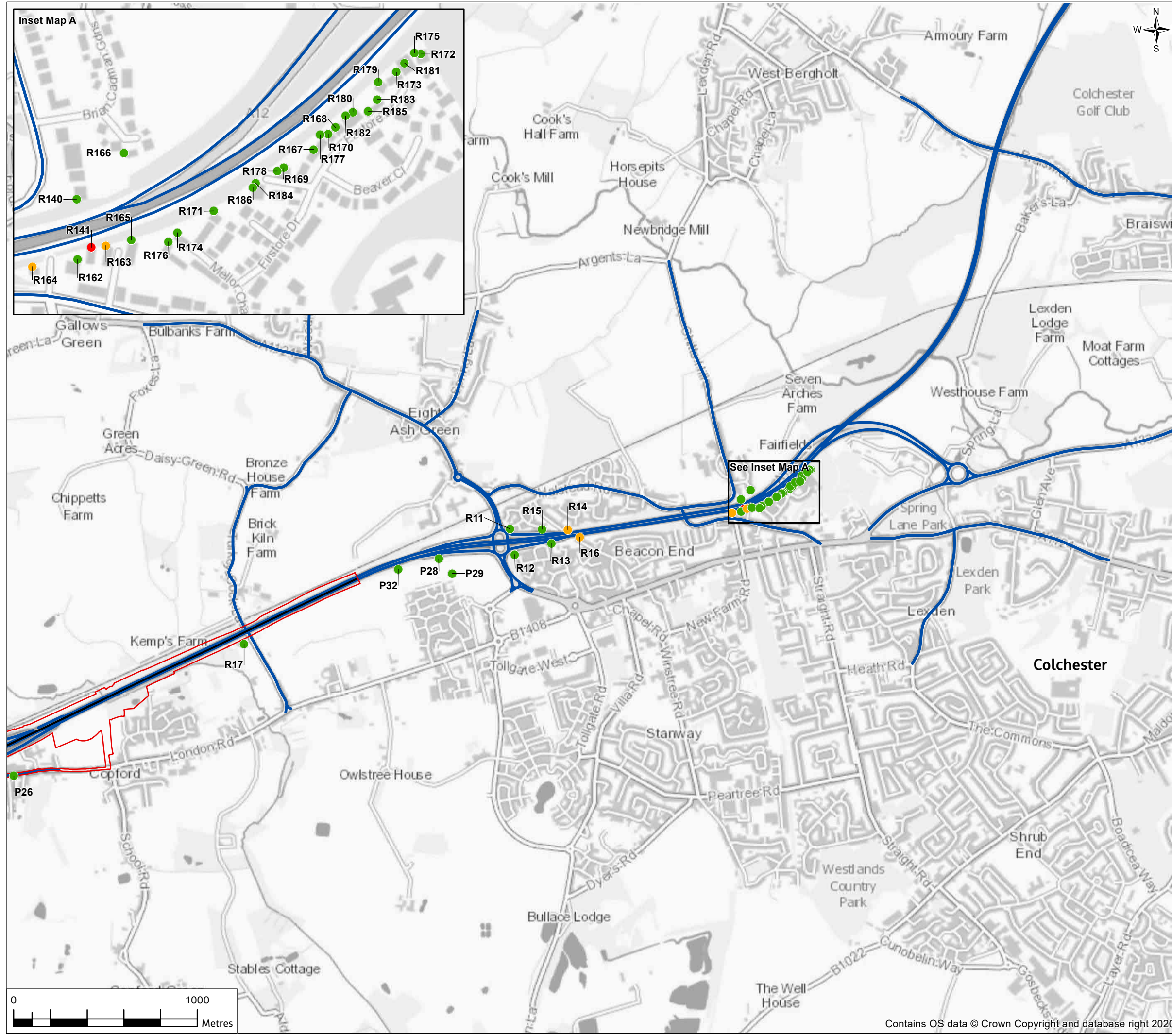
**PEIR  
MODELLED NO<sub>2</sub> CONCENTRATIONS IN THE PEAK  
CONSTRUCTION YEAR (2025) DO SOMETHING SCENARIO  
FOR HUMAN HEALTH RECEPTORS - SHEET 7 OF 8**

**Drawing Status**

**S4 - SUITABLE FOR STAGE APPROVAL**

Scale @ A3	1:20000	DO NOT SCALE
Jacobs No.	B36601D1	
Client No.	HE551497	Rev P01
Drawing Number	HE551497-JAC-EAQ-SCHW-SK-GI-0036	

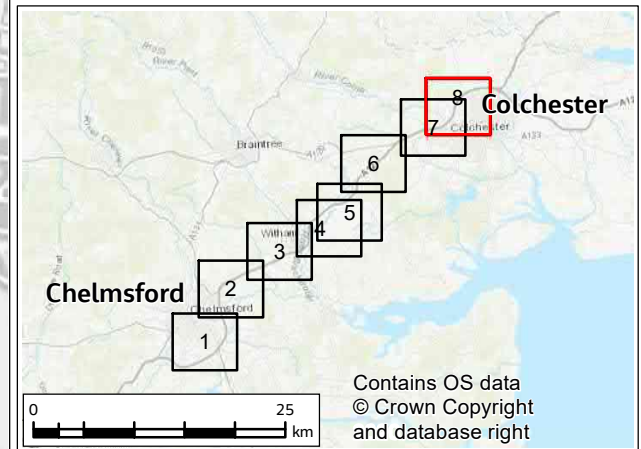
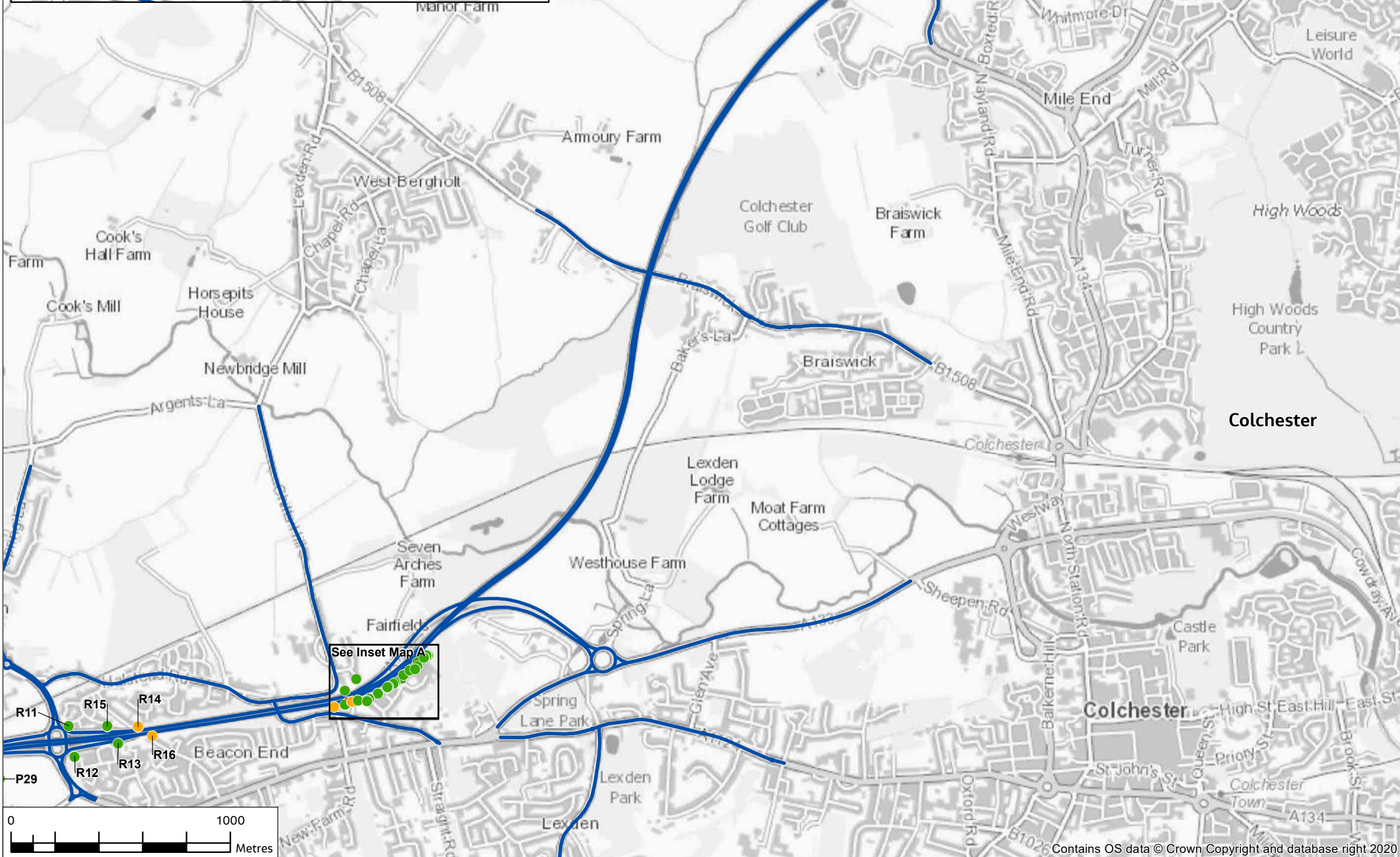
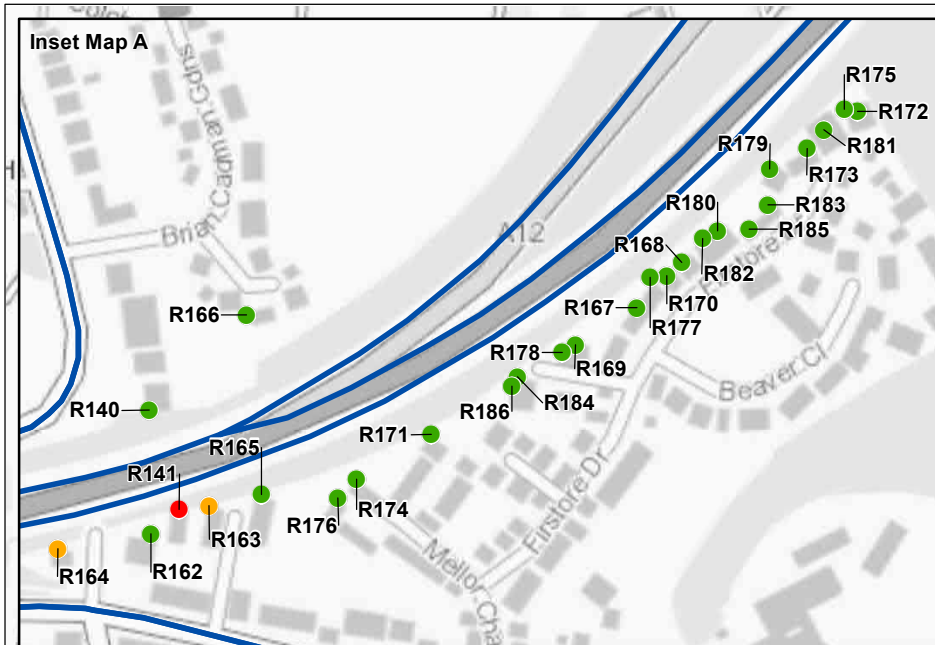
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**FIGURE 6.5**

**Legend**

- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2025 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**
- <36
  - 36 to <40
  - ≥40



PO1	30/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED NO <sub>2</sub> CONCENTRATIONS IN THE PEAK CONSTRUCTION YEAR (2025) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 8 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0037						
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.						

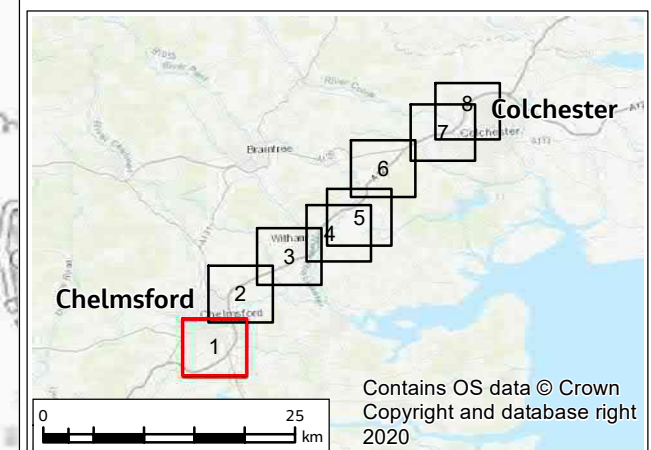
**FIGURE 6.6**

**Legend**



- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

PEIR  
 MODELLLED CHANGE IN NO<sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 1 OF 8

<b>Drawing Status</b>	S4 - SUITABLE FOR STAGE APPROVAL		
Scale @ A3	1:20000	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	PO1
Client No.	HE551497		
<b>Drawing Number</b>	HE551497-JAC-EAQ-SCHW-SK-GI-0038		

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.



Contains OS data © Crown Copyright and database right 2020

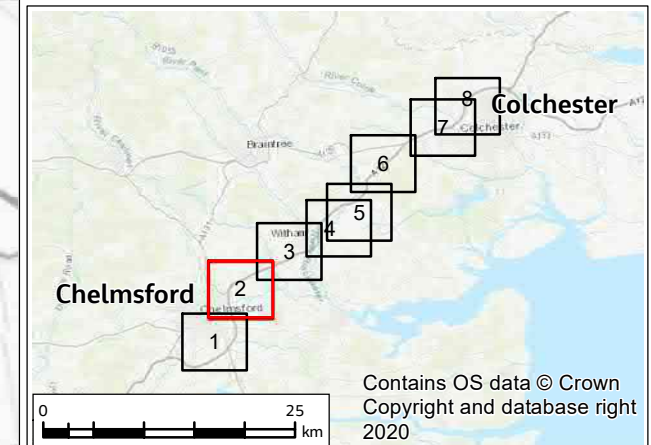
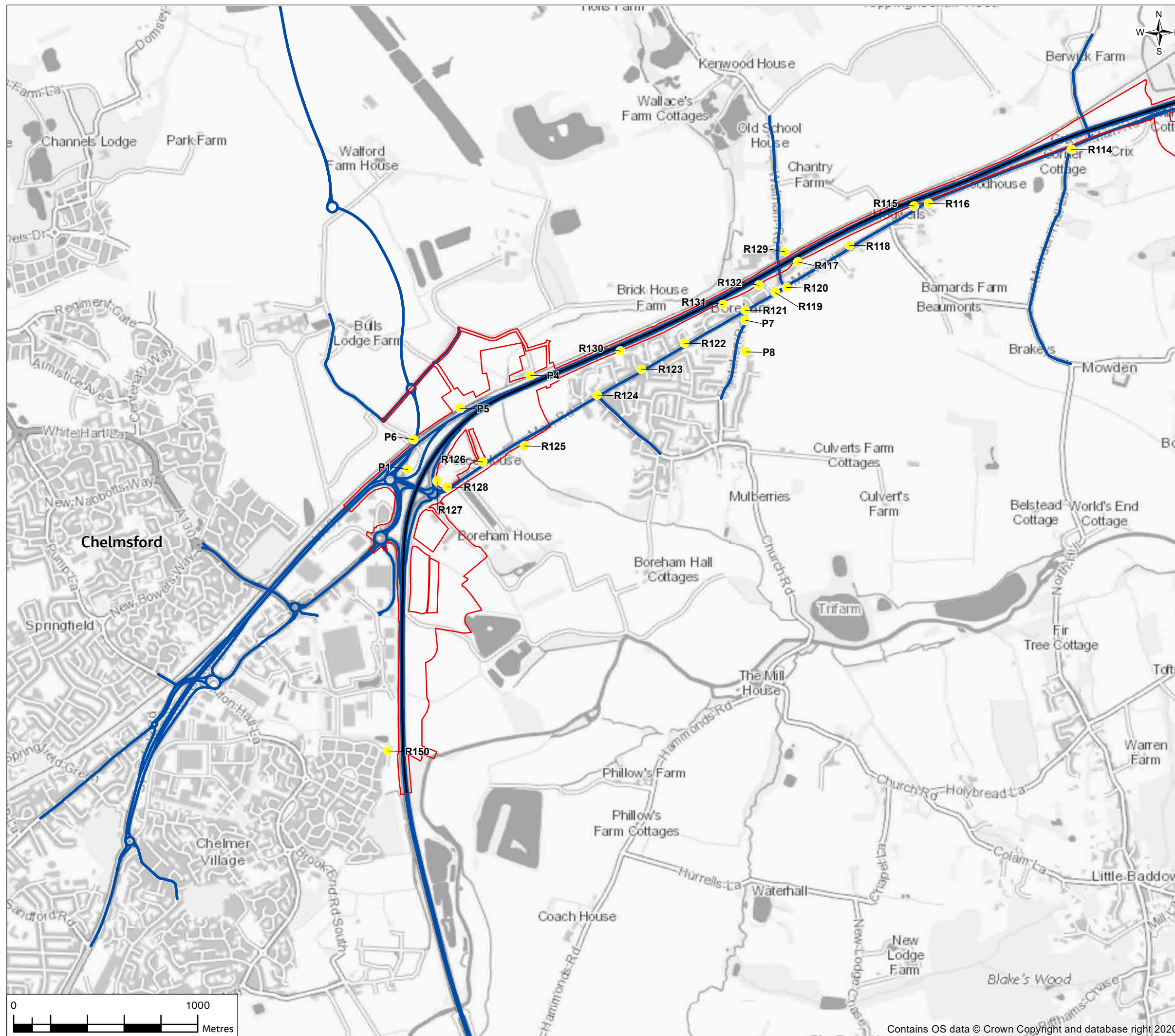
**FIGURE 6.6**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> </div>	<div style="border: 1px solid black; padding: 5px;"> <p style="margin: 0;"><b>Jacobs</b></p> <p style="font-size: 8px; margin: 0;">Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com</p> </div>
--	--

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> </div>	
--	--

**Project**  
A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**  
PEIR  
MODELLLED CHANGE IN NO<sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 2 OF 8

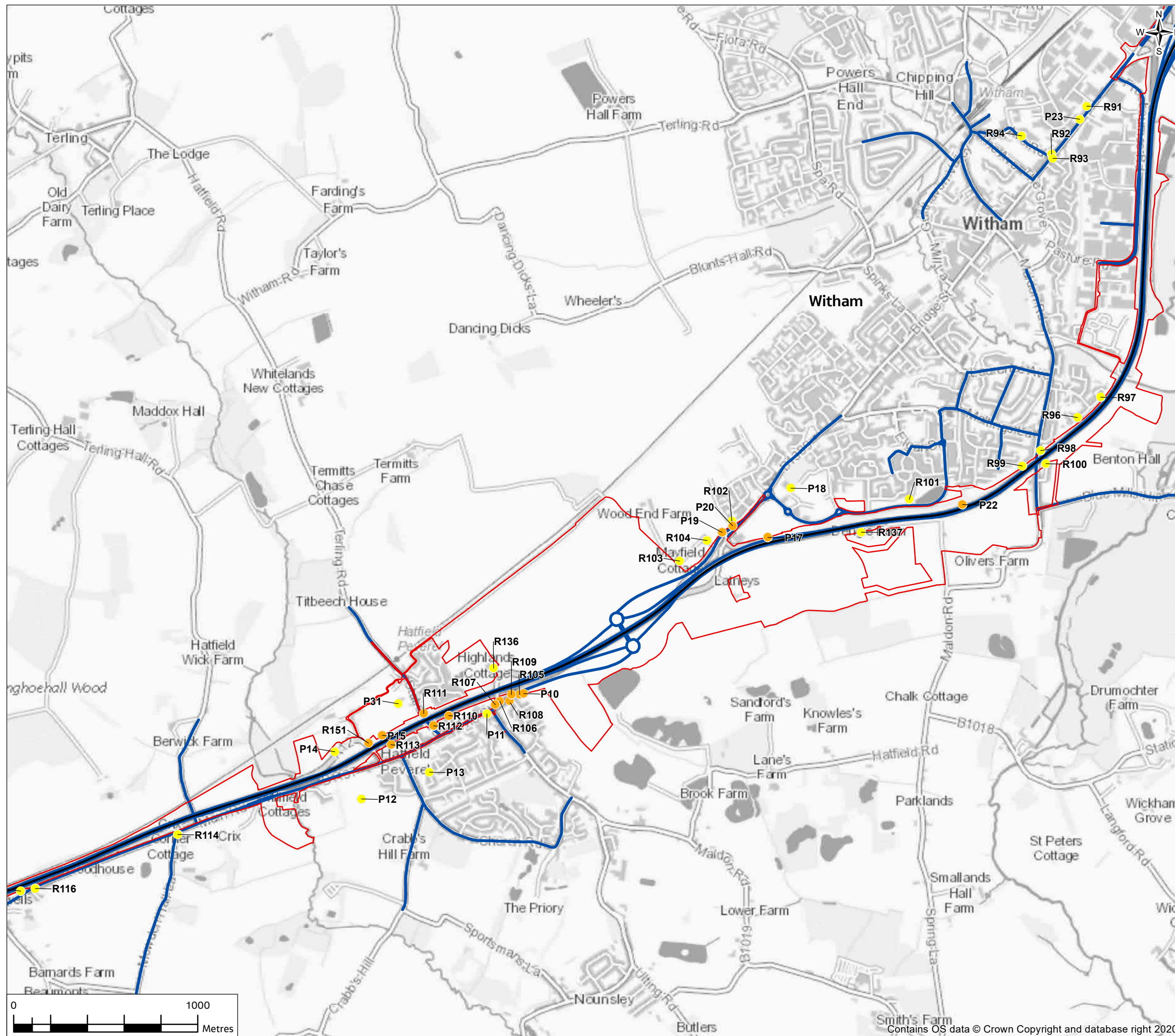
**Drawing Status**  
S4 - SUITABLE FOR STAGE APPROVAL

Scale @ A3	1:20000	DO NOT SCALE
Jacobs No.	B36601D1	Rev
Client No.	HE551497	PO1

**Drawing Number**  
HE551497-JAC-EAQ-SCHW-SK-GI-0039

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.6**

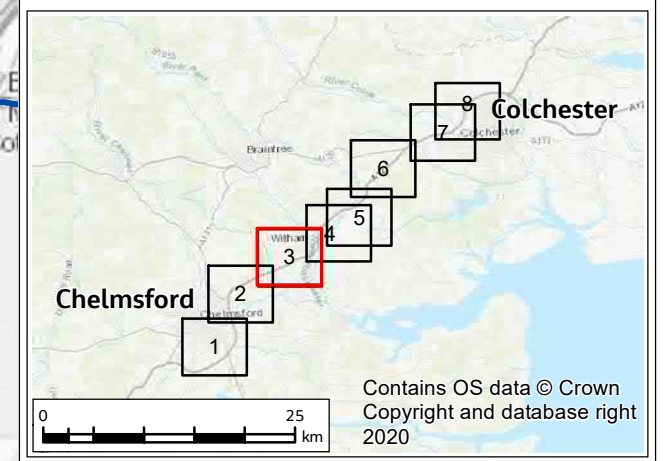


**Legend**

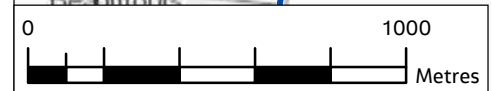
- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase

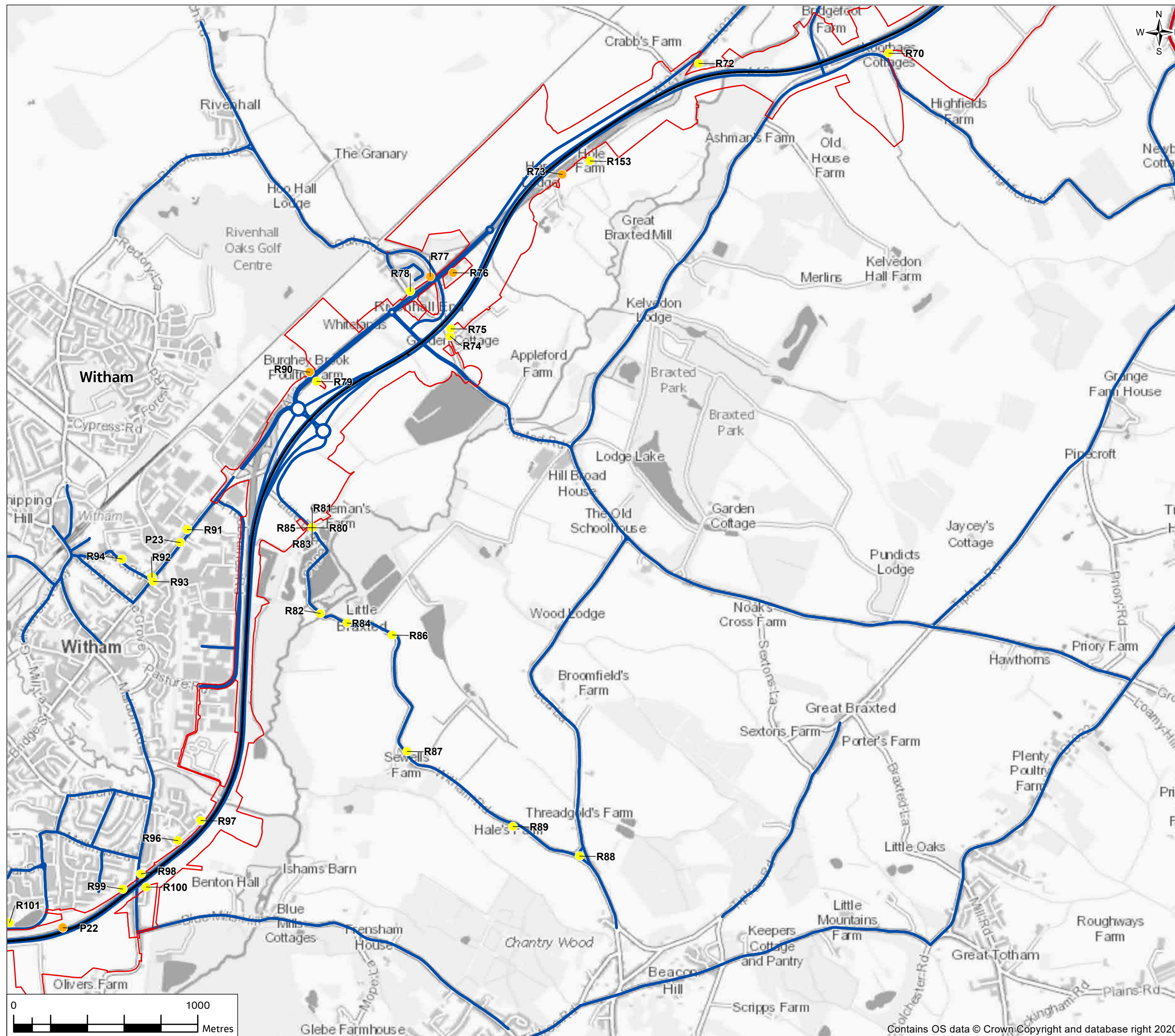


P01	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLER CHANGE IN NO <sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 3 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000		DO NOT SCALE			
Jacobs No.	B36601D1		Rev		P01	
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0040						



© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.6**

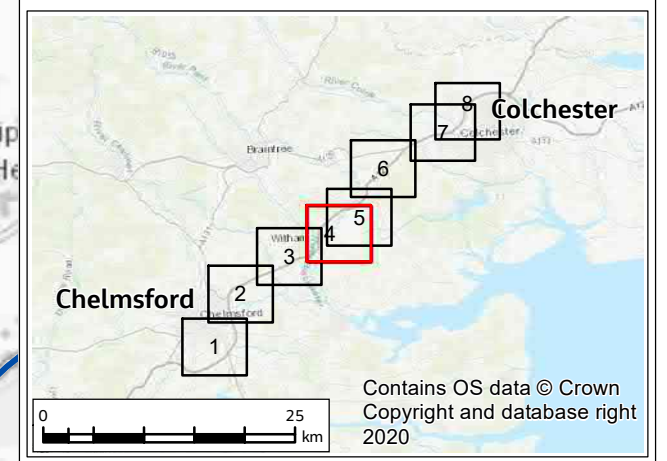


**Legend**

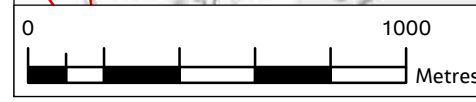
- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase

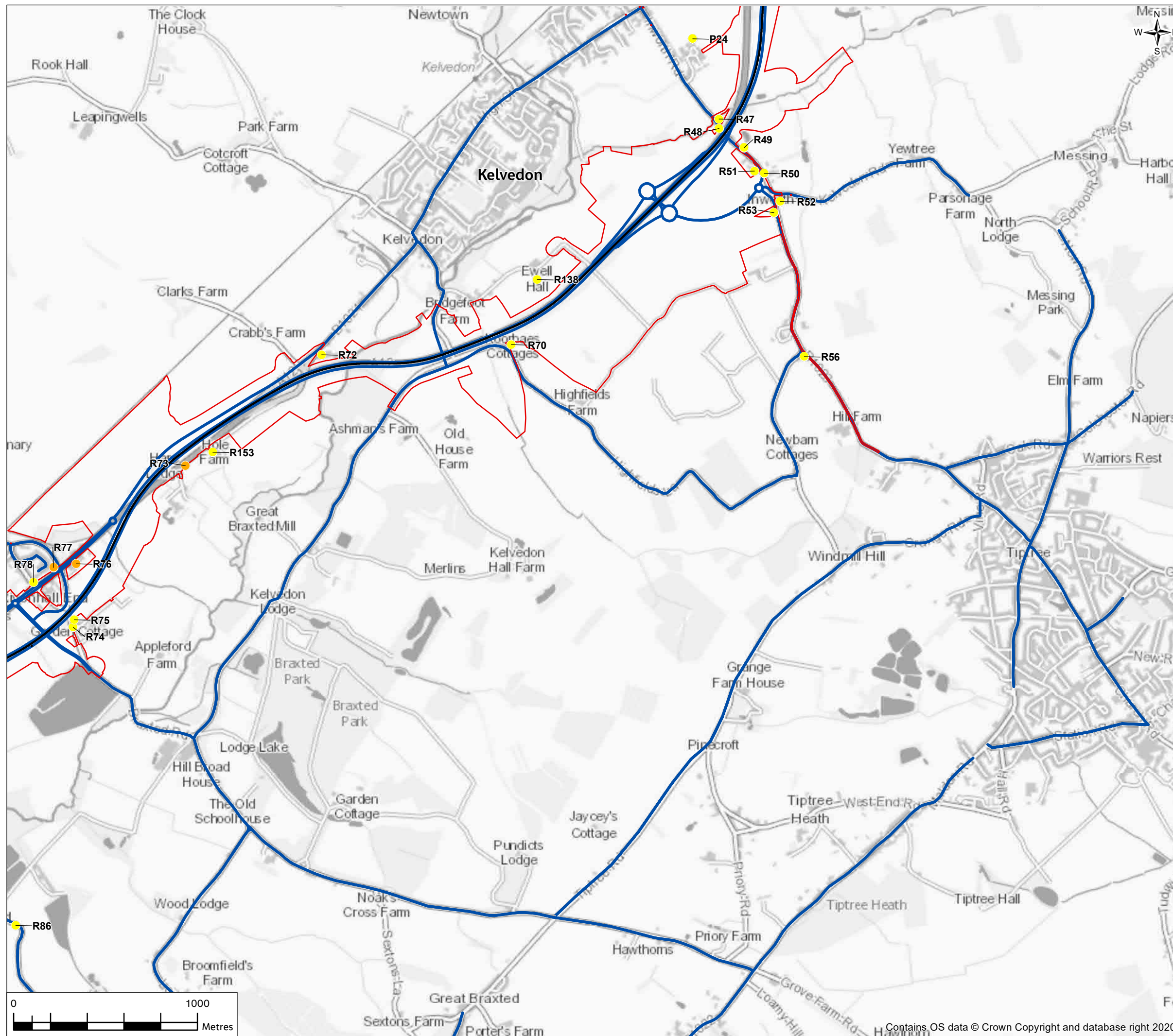


PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED CHANGE IN NO <sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 4 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0041						



© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.6**

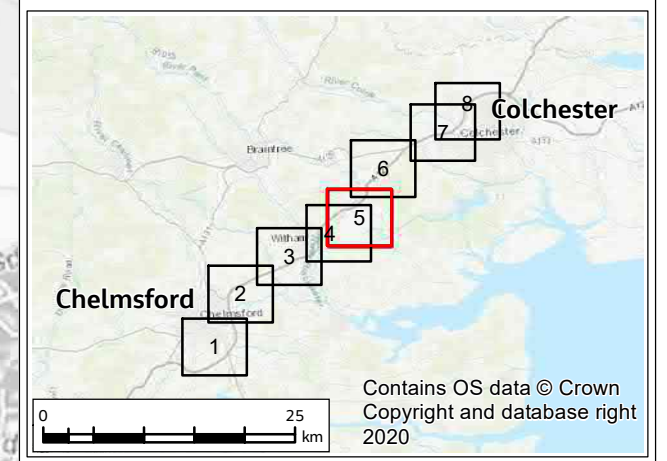


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

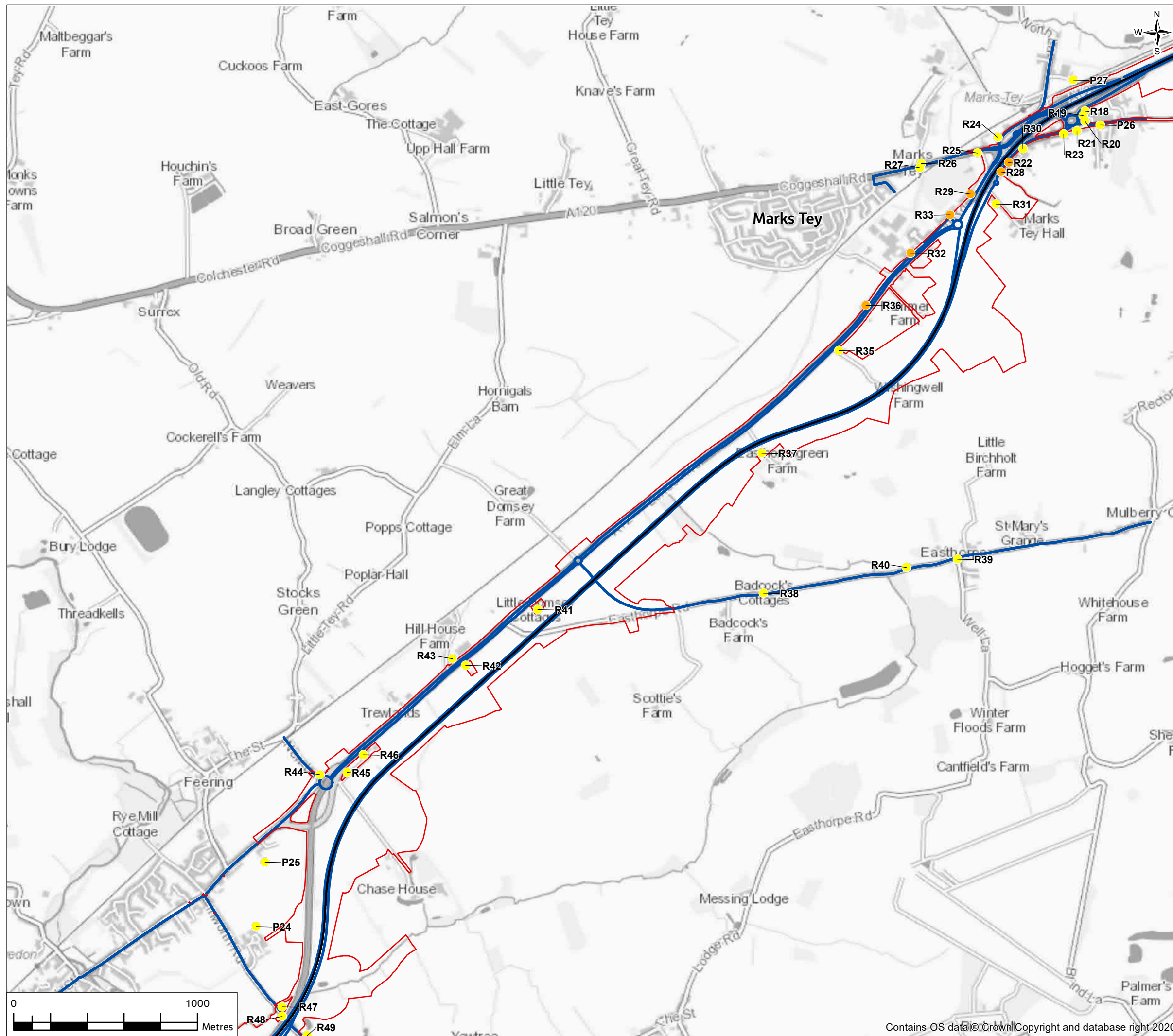
- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLLED CHANGE IN NO <sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 5 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000					DO NOT SCALE
Jacobs No.	B36601D1					Rev
Client No.	HE551497					P01
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0042						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.6**

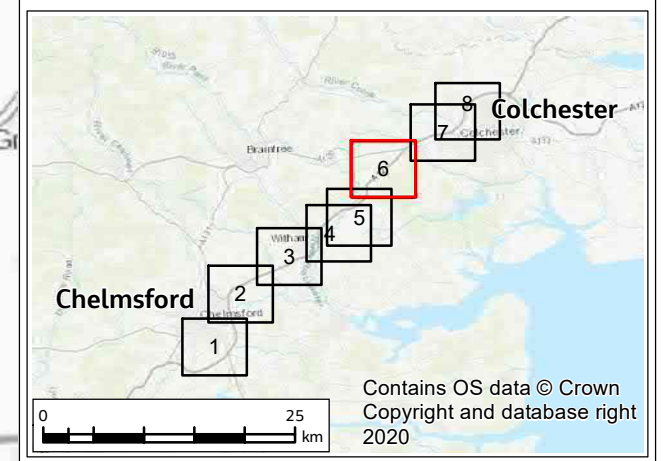


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



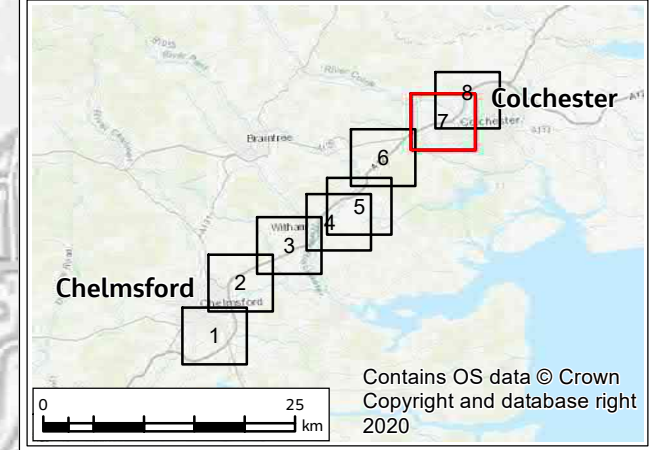
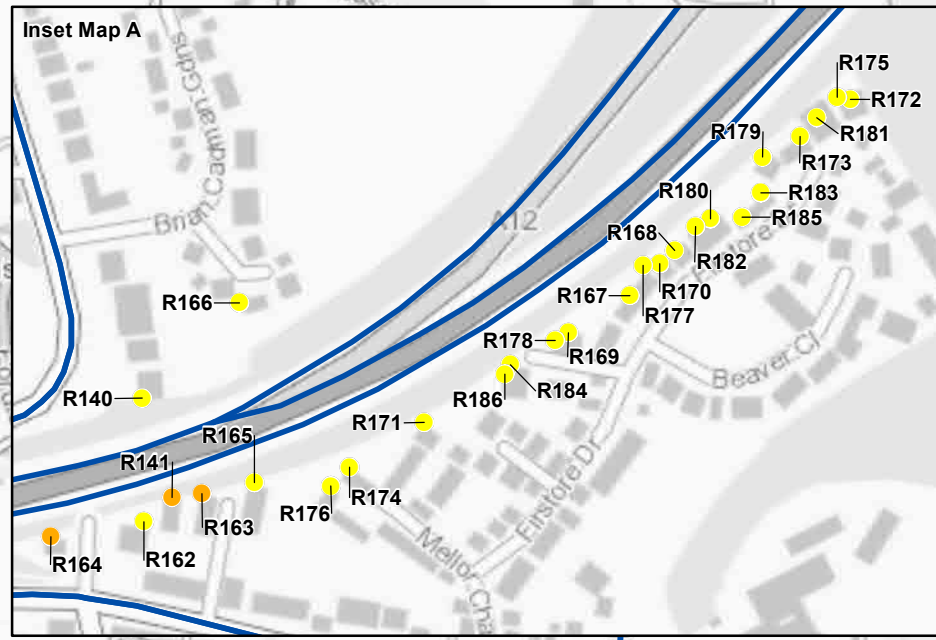
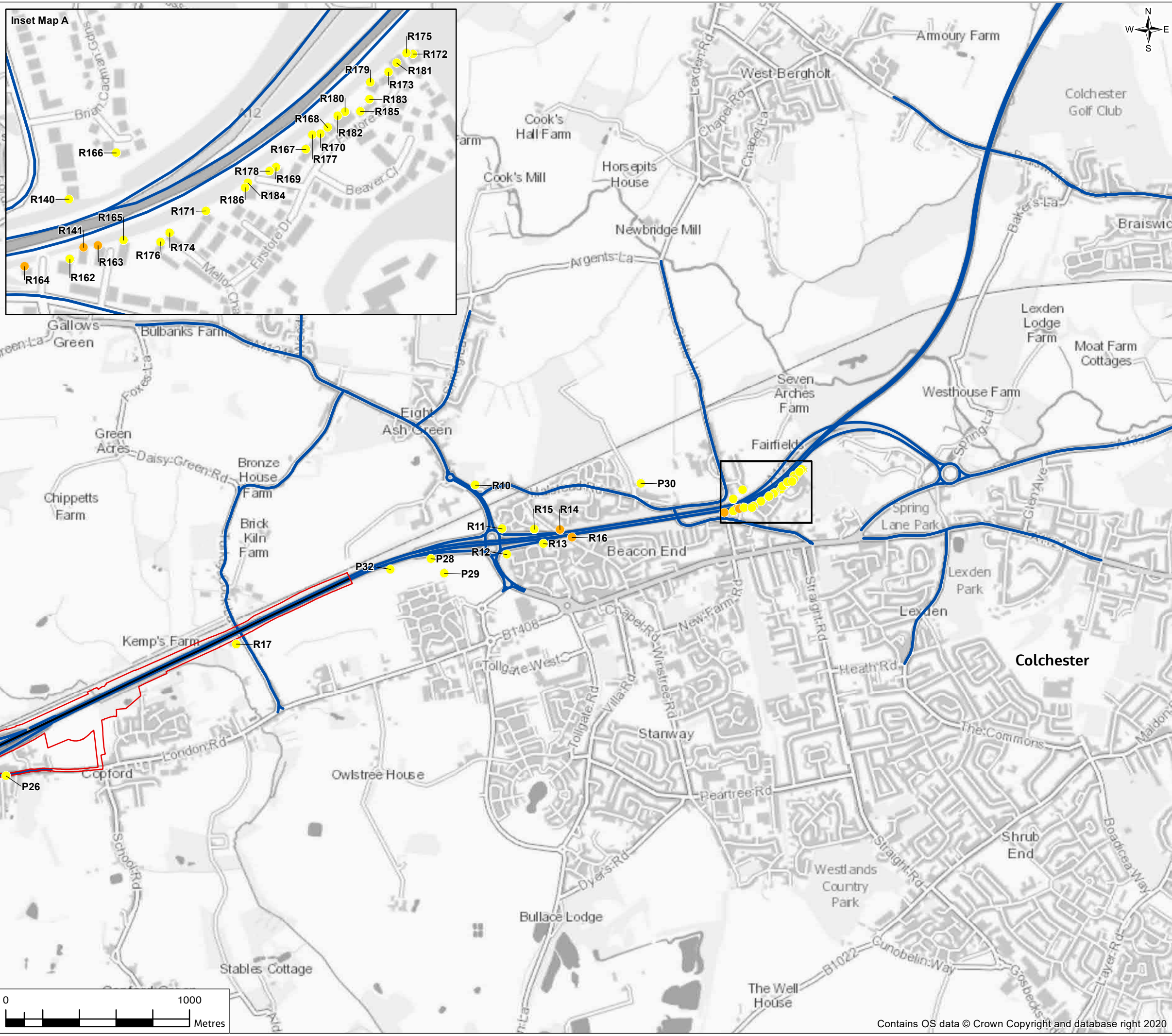
PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLER CHANGE IN NO <sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 6 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0043						



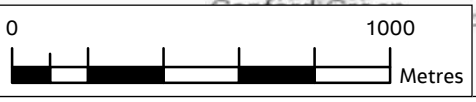
**FIGURE 6.6**

**Legend**

- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)
- >4 reduction
  - >2 to <=4 reduction
  - >0.4 to <=2 reduction
  - <=0.4 change
  - >0.4 to <=2 increase
  - >2 to <=4 increase
  - >4 increase

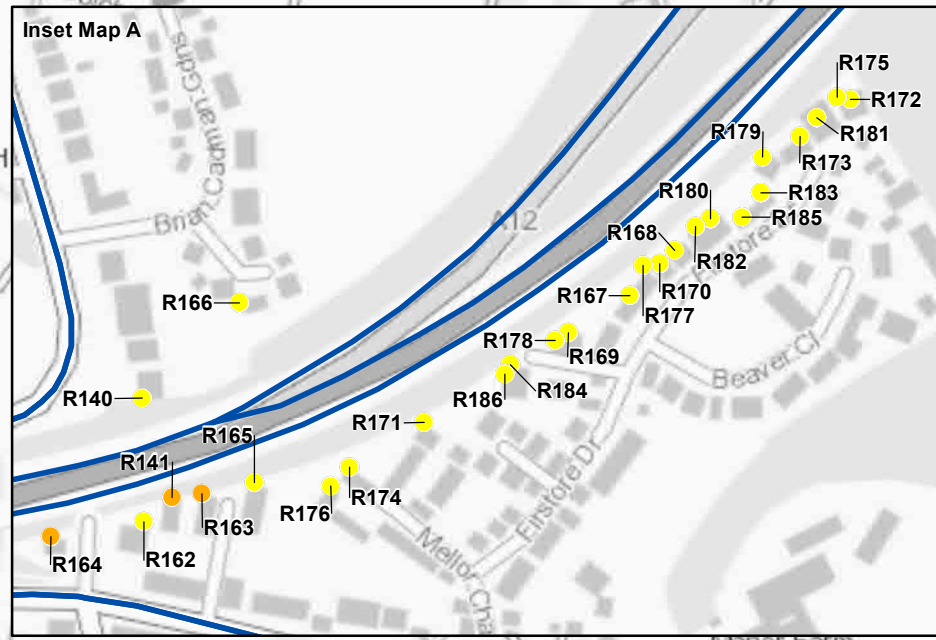
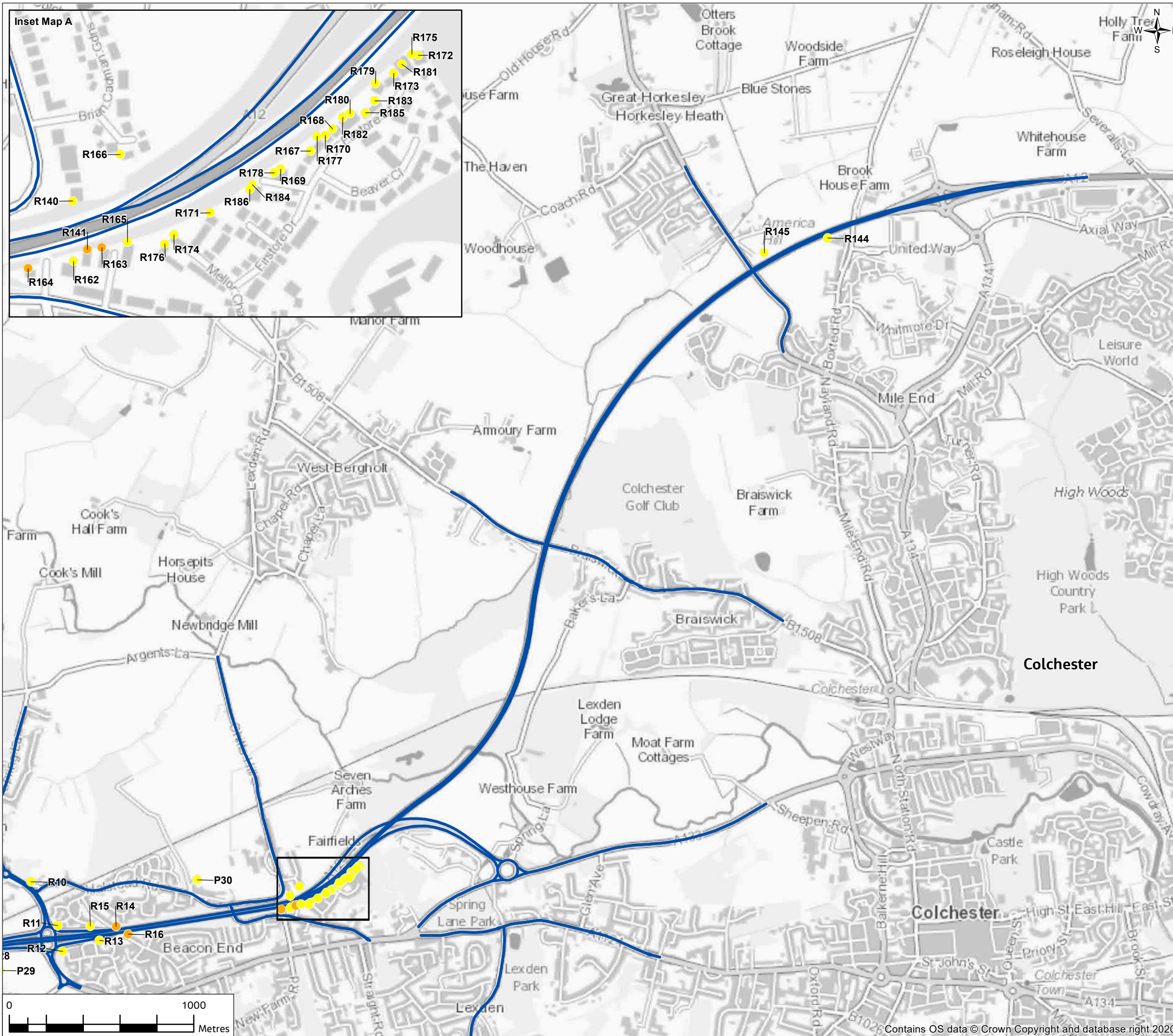


PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED CHANGE IN NO <sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 7 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0044						



© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.6**

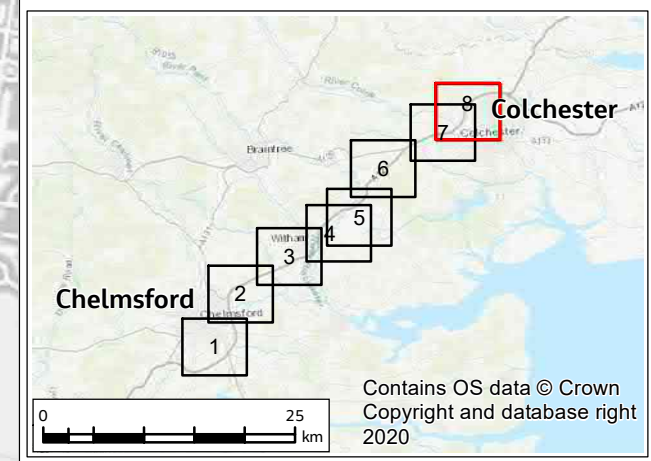


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLLED CHANGE IN NO <sub>2</sub> BETWEEN THE PEAK CONSTRUCTION YEAR (2025) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 8 OF 8						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000	DO NOT SCALE			
Jacobs No.		B36601D1	Rev		P01	
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0045						
<small>© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.</small>						

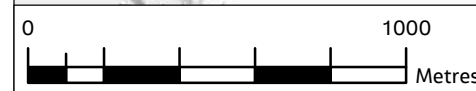
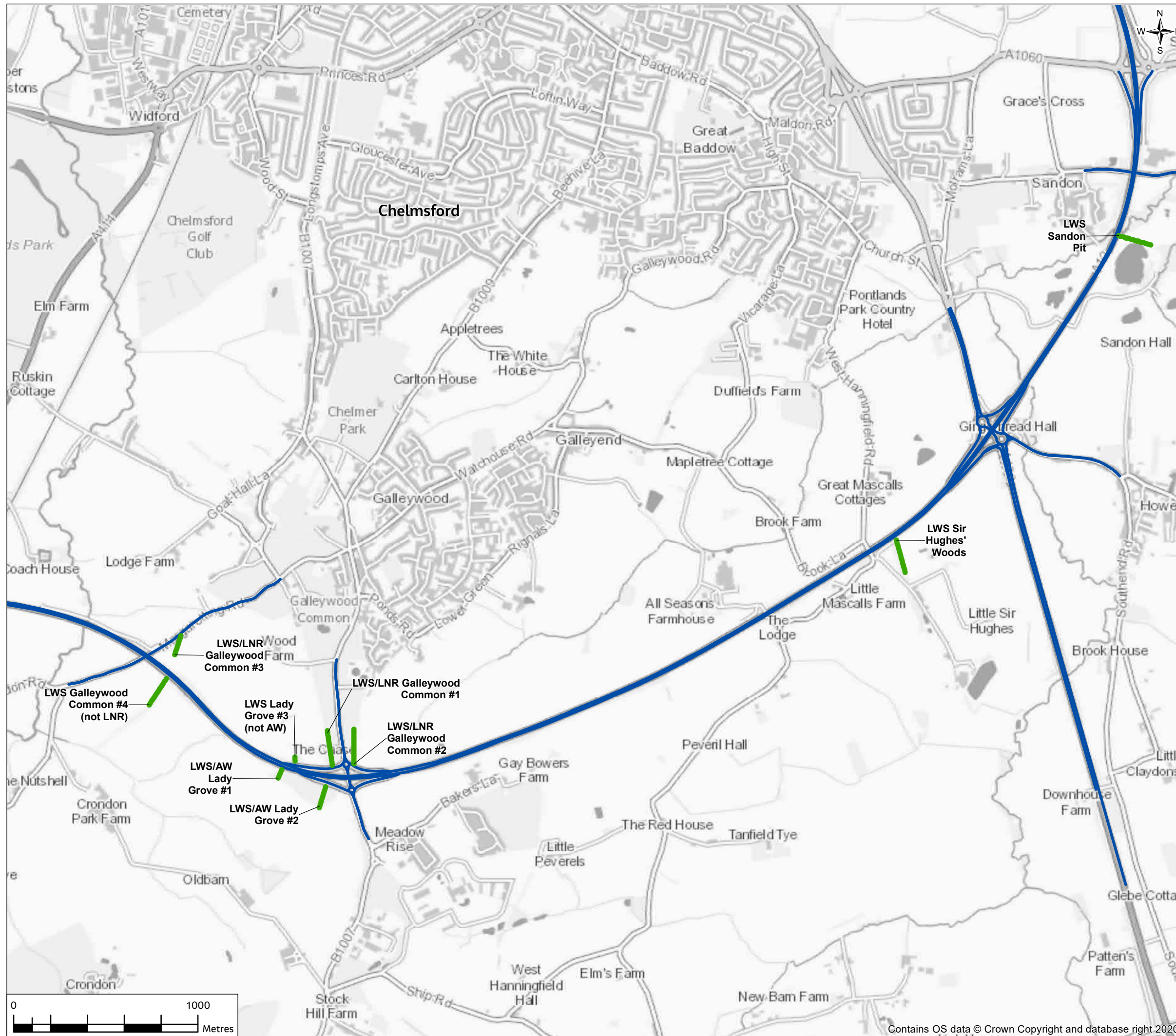
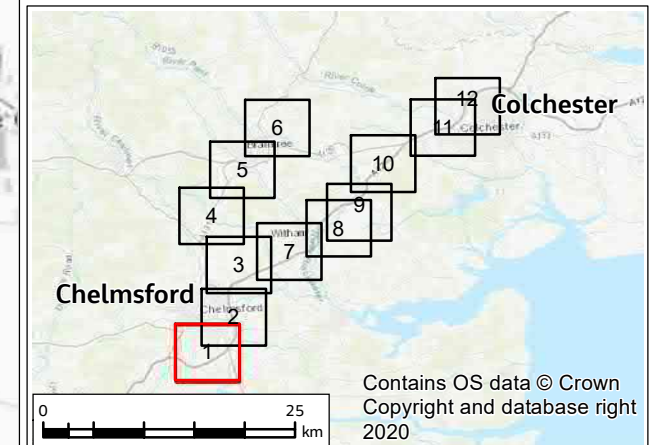
**FIGURE 6.7**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

**Note:**

- AW - Ancient Woodland
- LNR - Local Nature Reserve
- LWS - Local Wildlife Site
- SSSI - Site of Special Scientific Interest



Contains OS data © Crown Copyright and database right 2020

PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED ECOLOGY RECEPTORS SHEET 1 OF 12						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497		Rev P01		
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0046						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

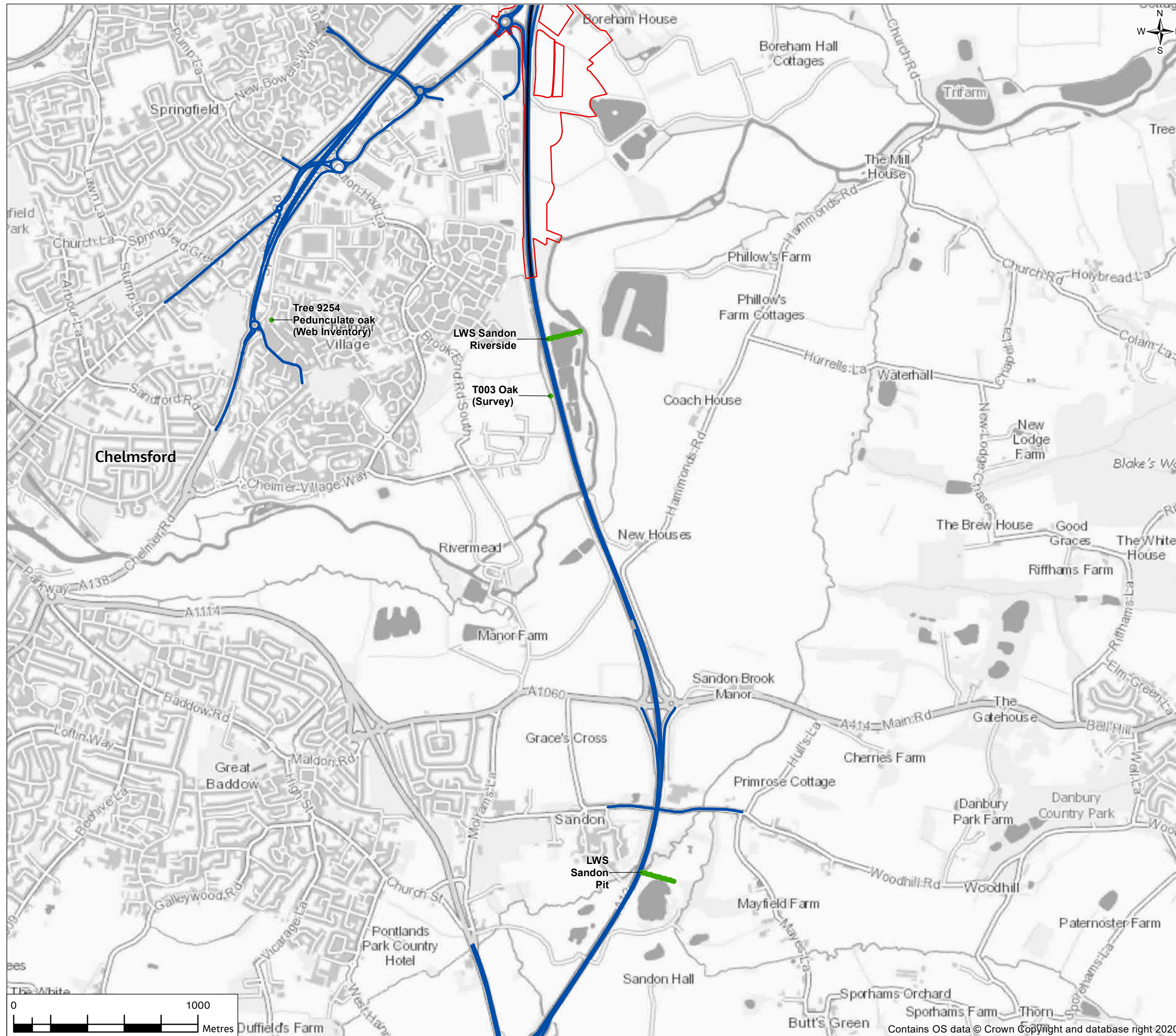
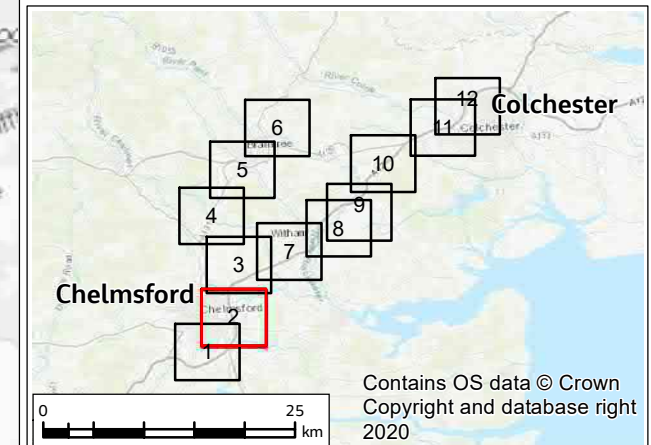
**FIGURE 6.7**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

**Note:**

- AW - Ancient Woodland
- LNR - Local Nature Reserve
- LWS - Local Wildlife Site
- SSSI - Site of Special Scientific Interest



Contains OS data © Crown Copyright and database right 2020

PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED ECOLOGY RECEPTORS SHEET 2 OF 12						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000	DO NOT SCALE			
Jacobs No.		B36601D1	Rev P01			
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0047						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

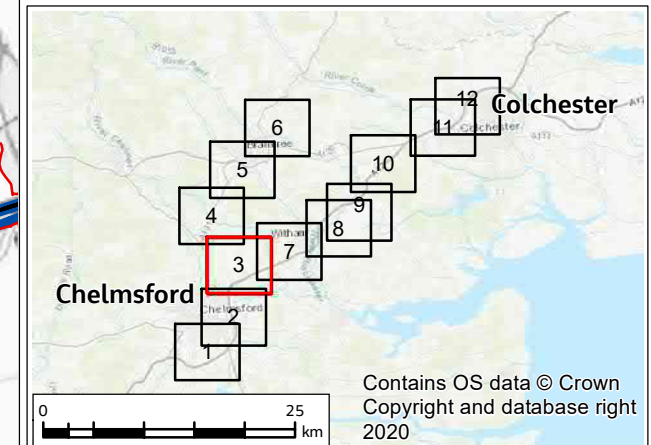
**FIGURE 6.7**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

**Note:**

- AW - Ancient Woodland
- LNR - Local Nature Reserve
- LWS - Local Wildlife Site
- SSSI - Site of Special Scientific Interest



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Jacobs</b> <small>Cottons Centre, Cottons Lane, London, SE1 2QG, UK.                  Tel: +44 (0)20 3980 2000                  www.jacobs.com</small>
--	--

**Project**  
A12 CHELMSFORD TO A120 WIDENING SCHEME

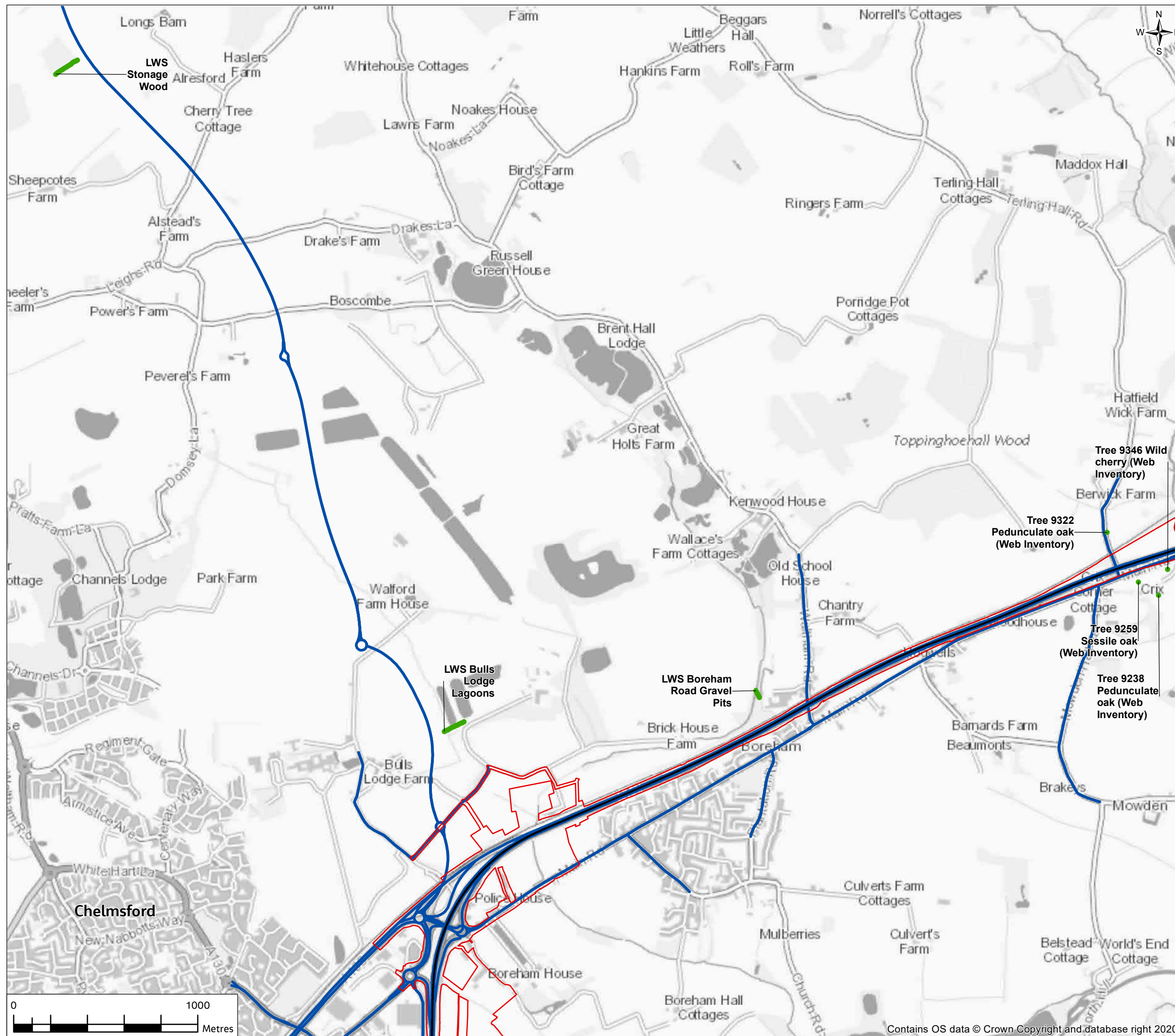
**Drawing Title**  
PEIR  
MODELLED ECOLOGY RECEPTORS  
SHEET 3 OF 12

**Drawing Status**  
S4 - SUITABLE FOR STAGE APPROVAL

Scale @ A3	1:20000	DO NOT SCALE
Jacobs No.	B36601D1	Rev P01
Client No.	HE551497	

**Drawing Number**  
HE551497-JAC-EAQ-SCHW-SK-GI-0048

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Contains OS data © Crown Copyright and database right 2020

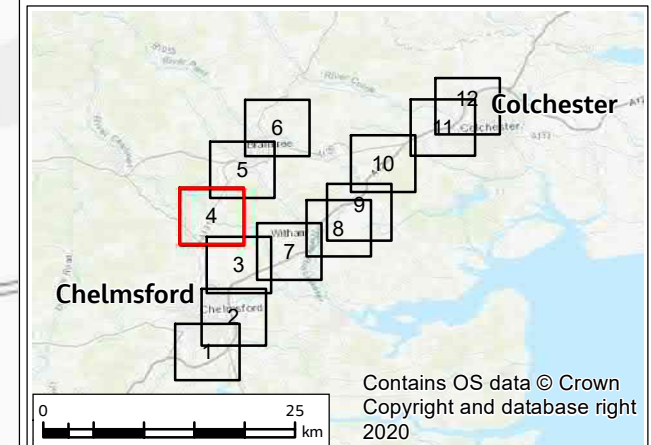
**FIGURE 6.7**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

**Note:**

- AW - Ancient Woodland
- LNR - Local Nature Reserve
- LWS - Local Wildlife Site
- SSSI - Site of Special Scientific Interest



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>JACOBS</b> Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
--	---

Client

Project

**A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing Title

**PEIR  
MODELLED ECOLOGY RECEPTORS  
SHEET 4 OF 12**

Drawing Status

**S4 - SUITABLE FOR STAGE APPROVAL**

Scale @ A3	1:20000	DO NOT SCALE
Jacobs No.	B36601D1	
Client No.	HE551497	Rev P01

Drawing Number

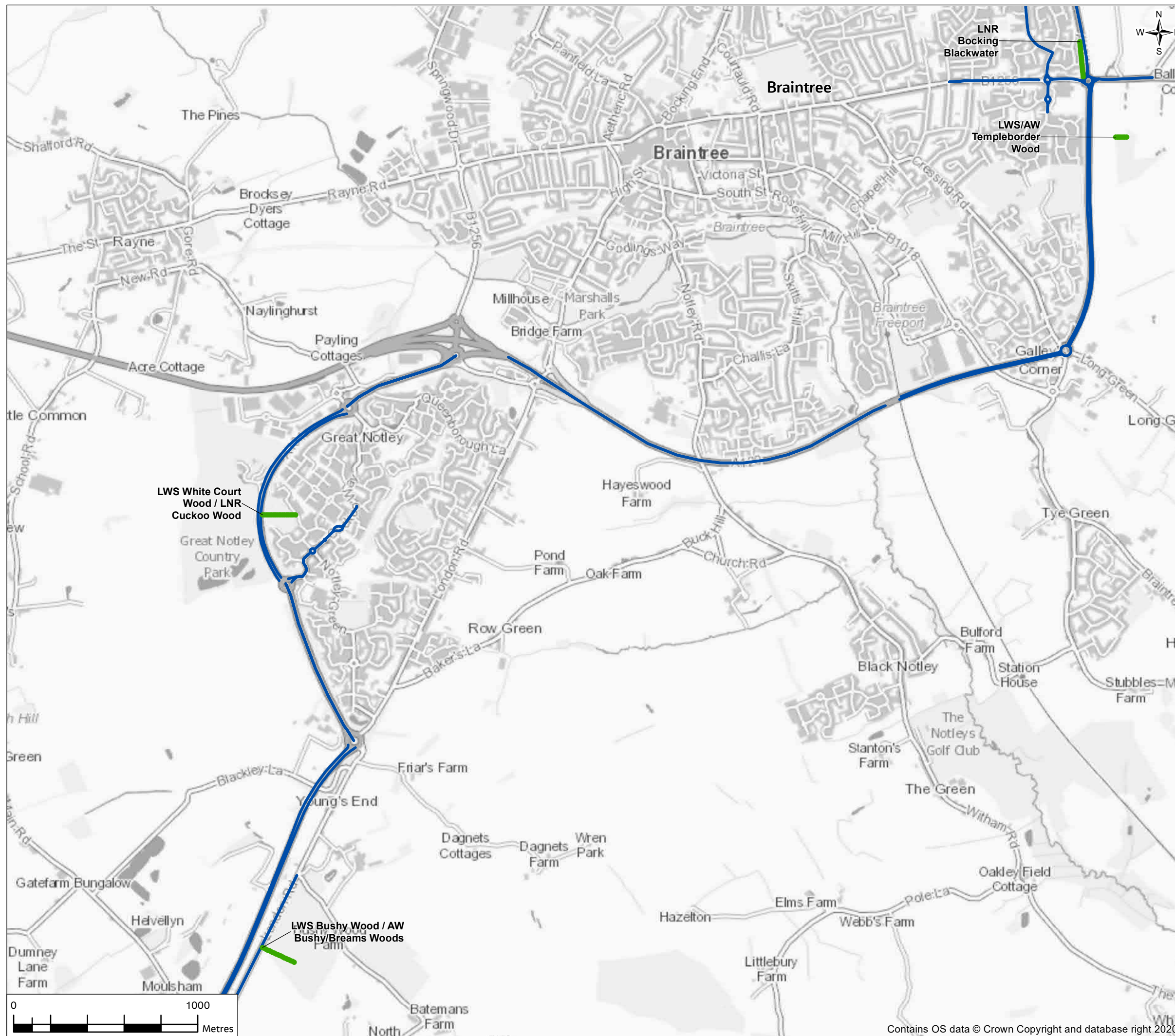
**HE551497-JAC-EAQ-SCHW-SK-GI-0049**

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.



Contains OS data © Crown Copyright and database right 2020

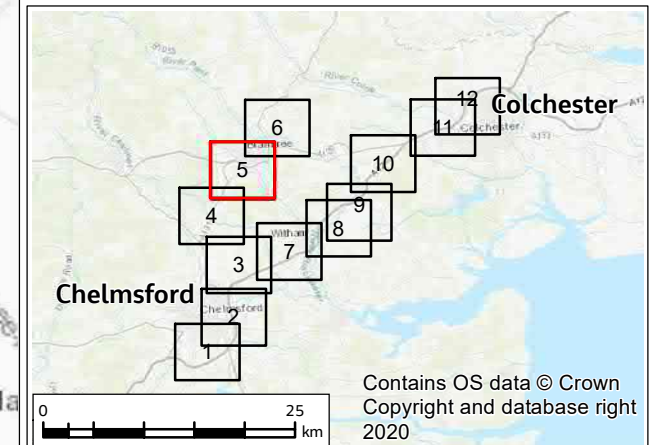
**FIGURE 6.7**



**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

Note:  
 AW - Ancient Woodland  
 LNR - Local Nature Reserve  
 LWS - Local Wildlife Site  
 SSSI - Site of Special Scientific Interest



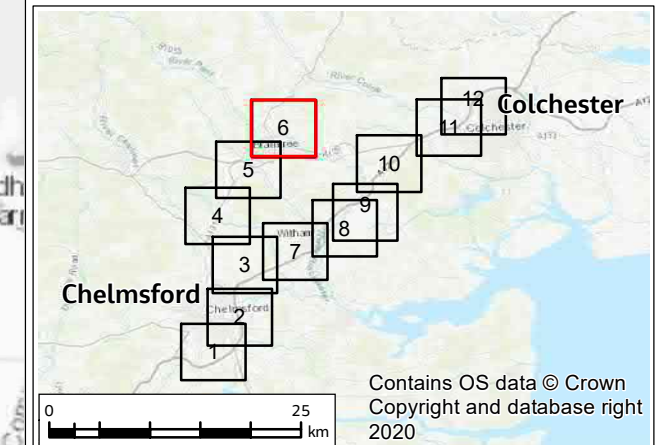
PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED ECOLOGY RECEPTORS SHEET 5 OF 12						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0050						

**FIGURE 6.7**



**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

Note:  
 AW - Ancient Woodland  
 LNR - Local Nature Reserve  
 LWS - Local Wildlife Site  
 SSSI - Site of Special Scientific Interest



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

PEIR  
 MODELLED ECOLOGY RECEPTORS  
 SHEET 6 OF 12

**Drawing Status**

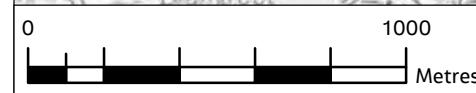
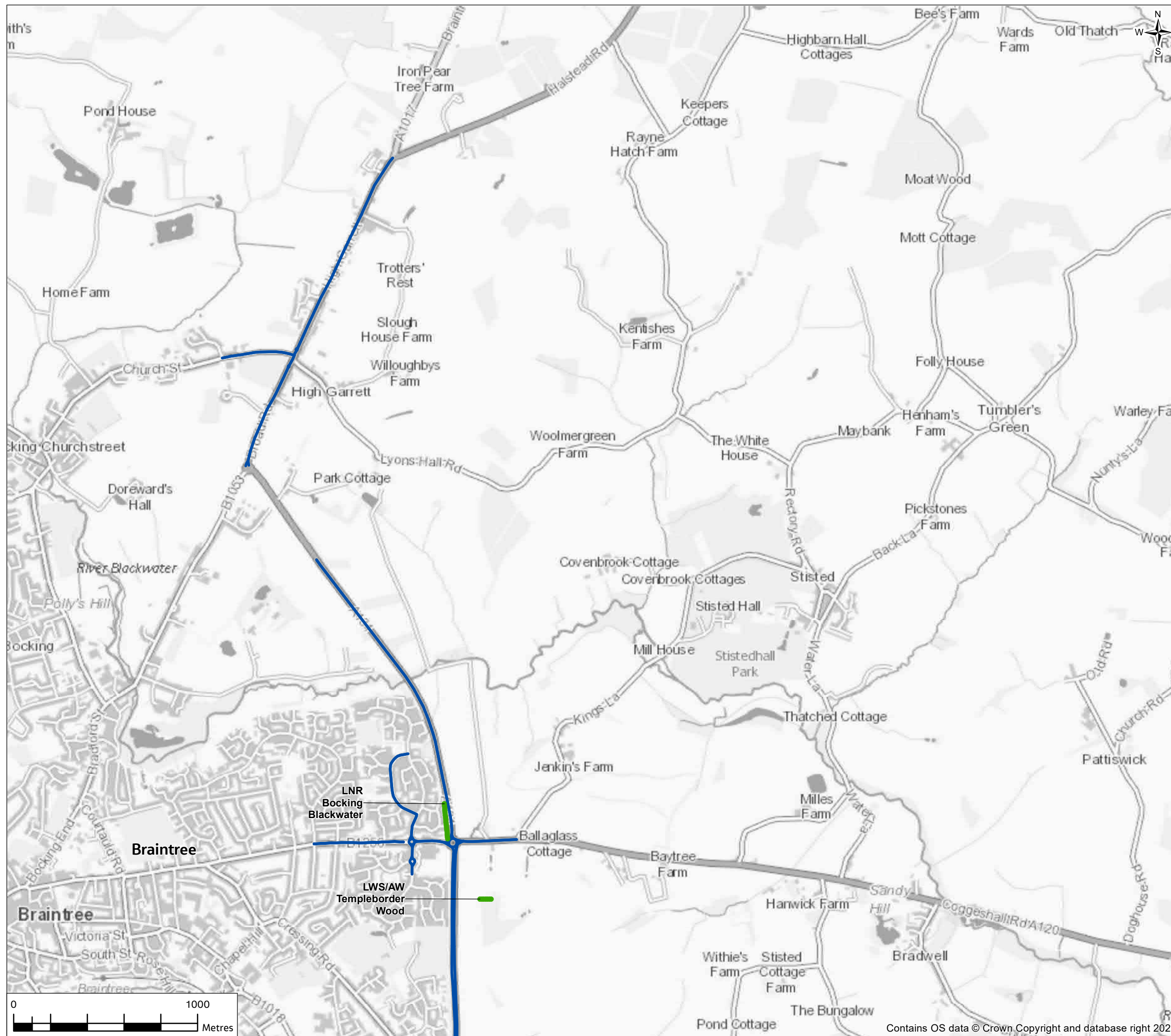
S4 - SUITABLE FOR STAGE APPROVAL

Scale @ A3	1:20000	DO NOT SCALE
Jacobs No.	B36601D1	
Client No.	HE551497	Rev P01

**Drawing Number**

HE551497-JAC-EAQ-SCHW-SK-GI-0051

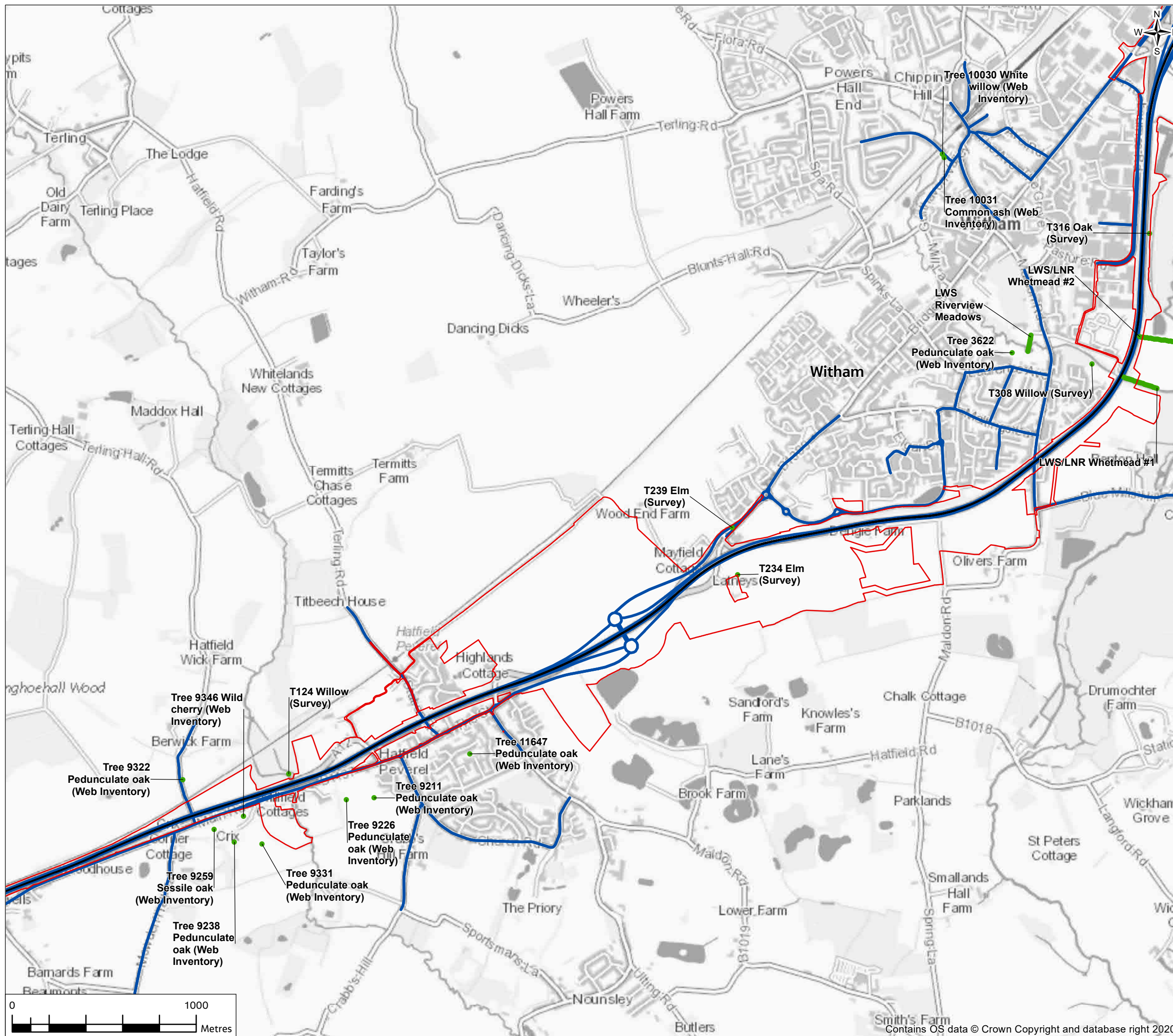
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Contains OS data © Crown Copyright and database right 2020

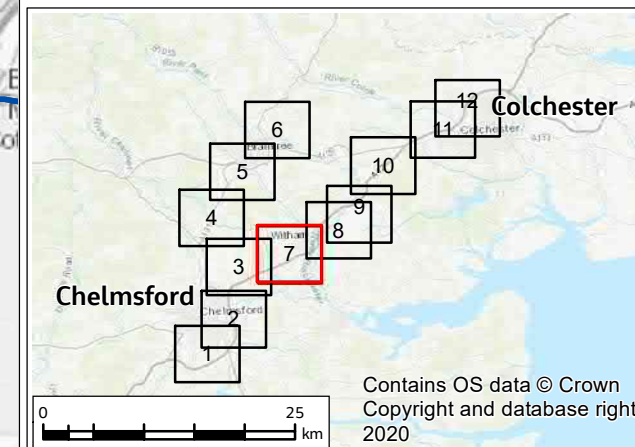


**FIGURE 6.7**





- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
  - Ecological Receptors

Note:  
 AW - Ancient Woodland  
 LNR - Local Nature Reserve  
 LWS - Local Wildlife Site  
 SSSI - Site of Special Scientific Interest



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

PEIR  
 MODELLED ECOLOGY RECEPTORS  
 SHEET 7 OF 12

<b>Drawing Status</b>	S4 - SUITABLE FOR STAGE APPROVAL		
<b>Scale @ A3</b>	1:20000	DO NOT SCALE	
<b>Jacobs No.</b>	B36601D1		
<b>Client No.</b>	HE551497	Rev P01	
<b>Drawing Number</b>	HE551497-JAC-EAQ-SCHW-SK-GI-0052		

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

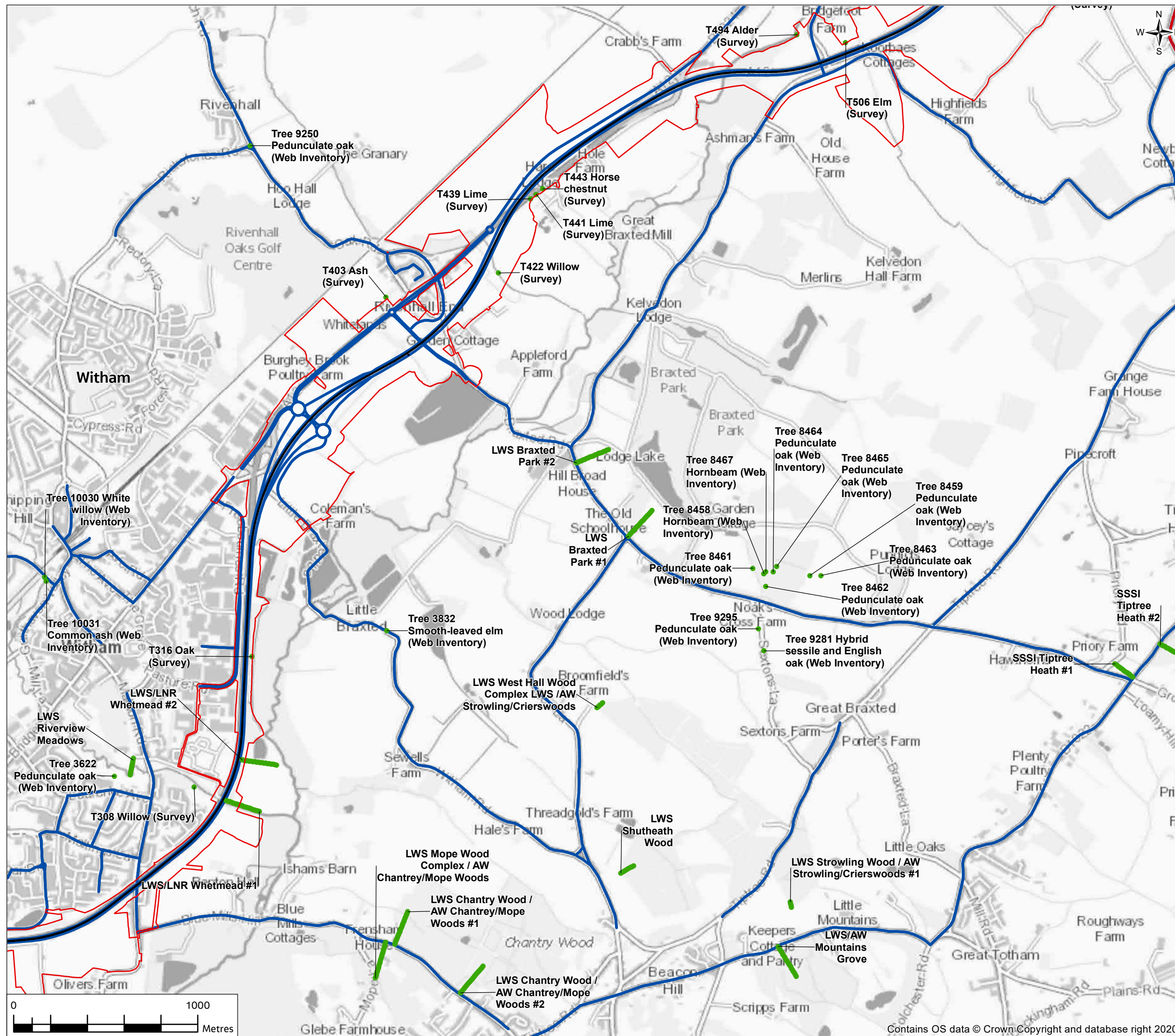
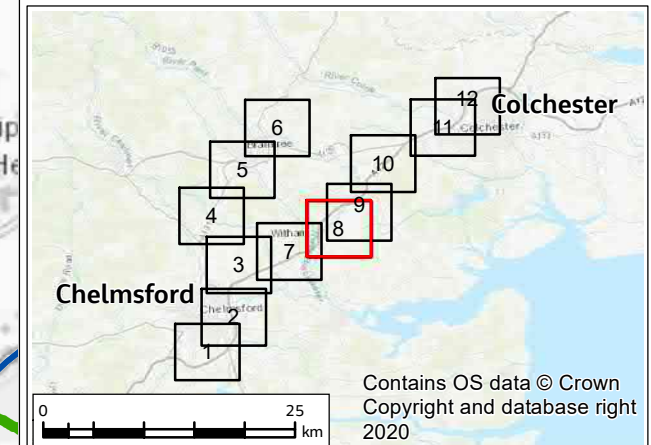
FIGURE 6.7

Legend

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

Note:

- AW - Ancient Woodland
- LNR - Local Nature Reserve
- LWS - Local Wildlife Site
- SSSI - Site of Special Scientific Interest



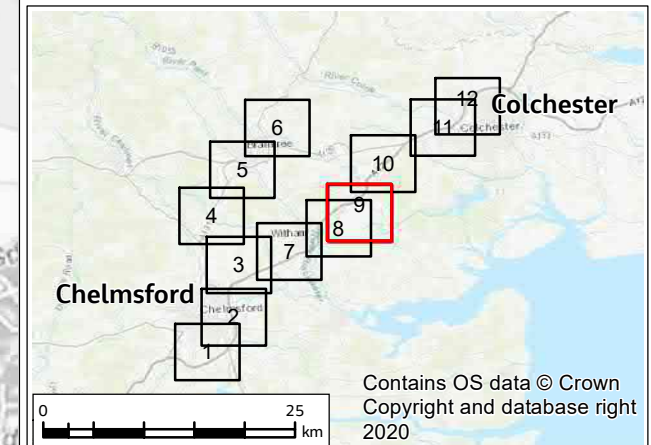
PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED ECOLOGY RECEPTORS SHEET 8 OF 12						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev		P01
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0053						
<small>© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.</small>						

**FIGURE 6.7**

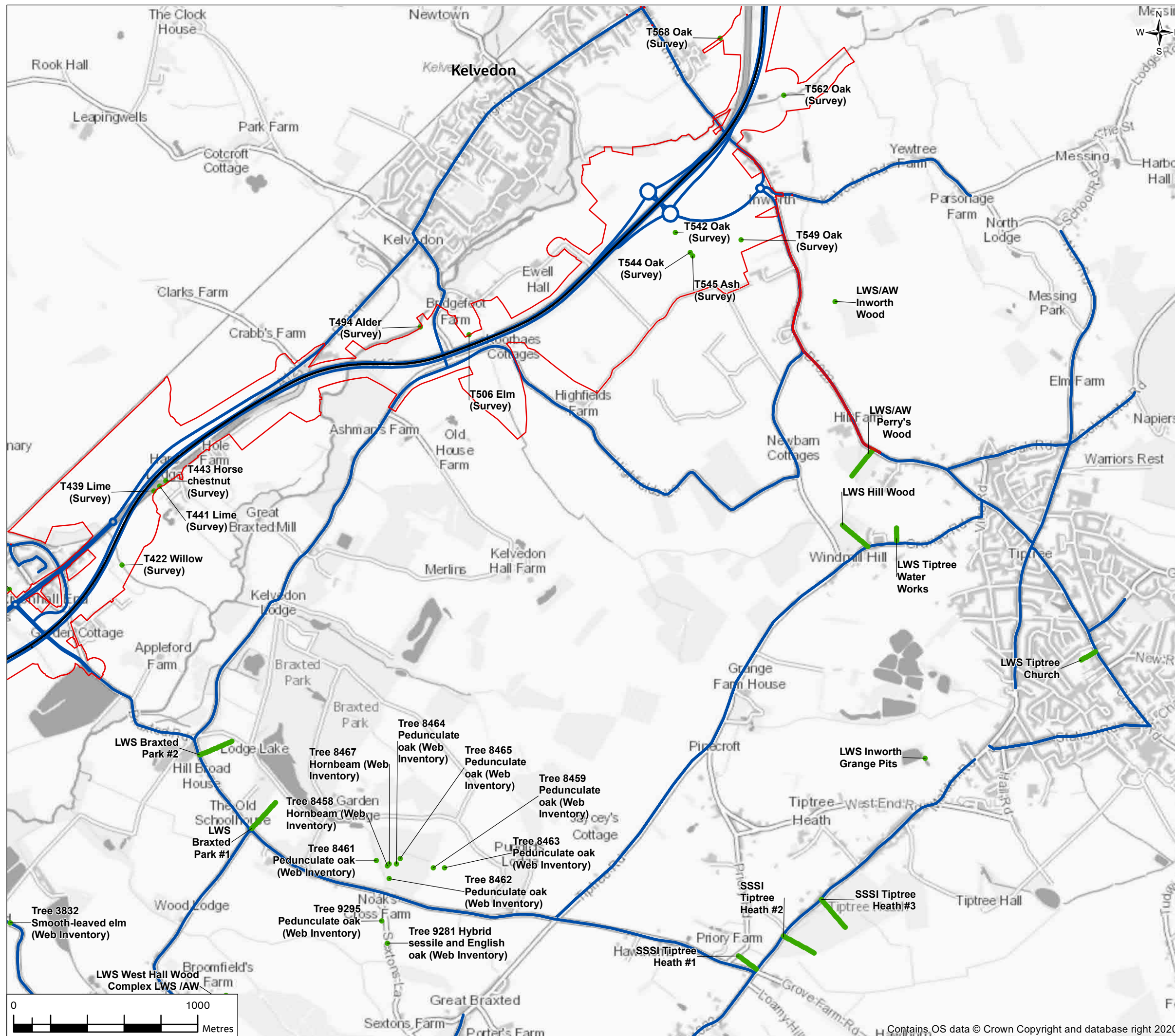
**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

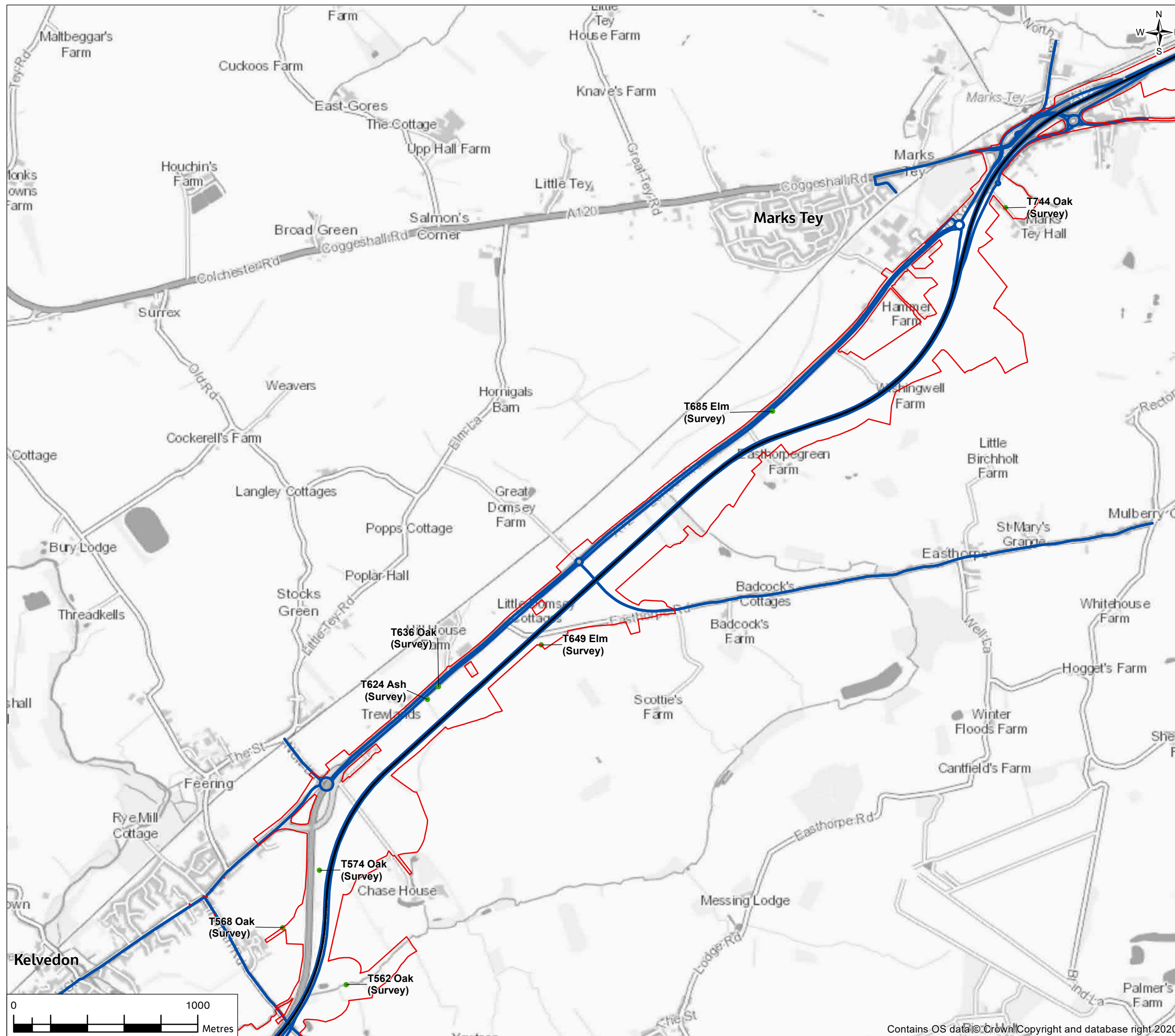
Note:  
 AW - Ancient Woodland  
 LNR - Local Nature Reserve  
 LWS - Local Wildlife Site  
 SSSI - Site of Special Scientific Interest



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED ECOLOGY RECEPTORS SHEET 9 OF 12						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000		DO NOT SCALE			
Jacobs No.	B36601D1		Rev		PO1	
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0054						



**FIGURE 6.7**

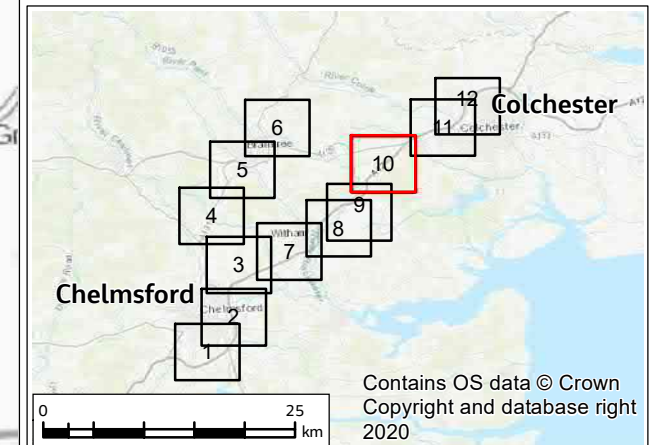


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

**Note:**

- AW - Ancient Woodland
- LNR - Local Nature Reserve
- LWS - Local Wildlife Site
- SSSI - Site of Special Scientific Interest



Contains OS data © Crown Copyright and database right 2020

PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			

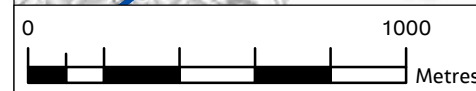
Client

Project  
**A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing Title  
**PEIR  
MODELLED ECOLOGY RECEPTORS  
SHEET 10 OF 12**

Drawing Status	S4 - SUITABLE FOR STAGE APPROVAL				
Scale @ A3	1:20000	DO NOT SCALE			
Jacobs No.	B36601D1			Rev P01	
Client No.	HE551497				
Drawing Number	HE551497-JAC-EAQ-SCHW-SK-GI-0055				

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Contains OS data © Crown Copyright and database right 2020

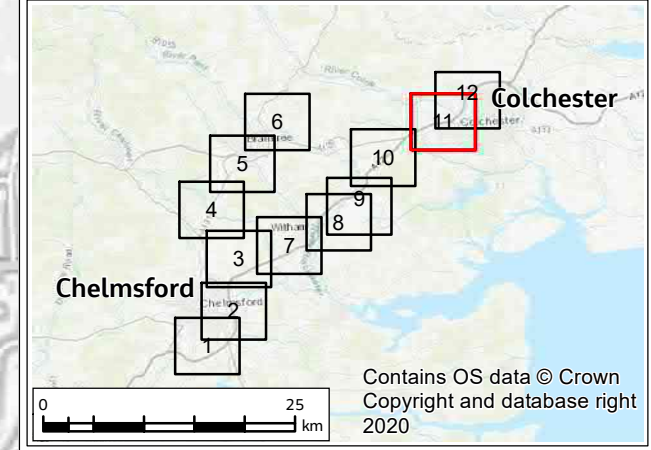
**FIGURE 6.7**



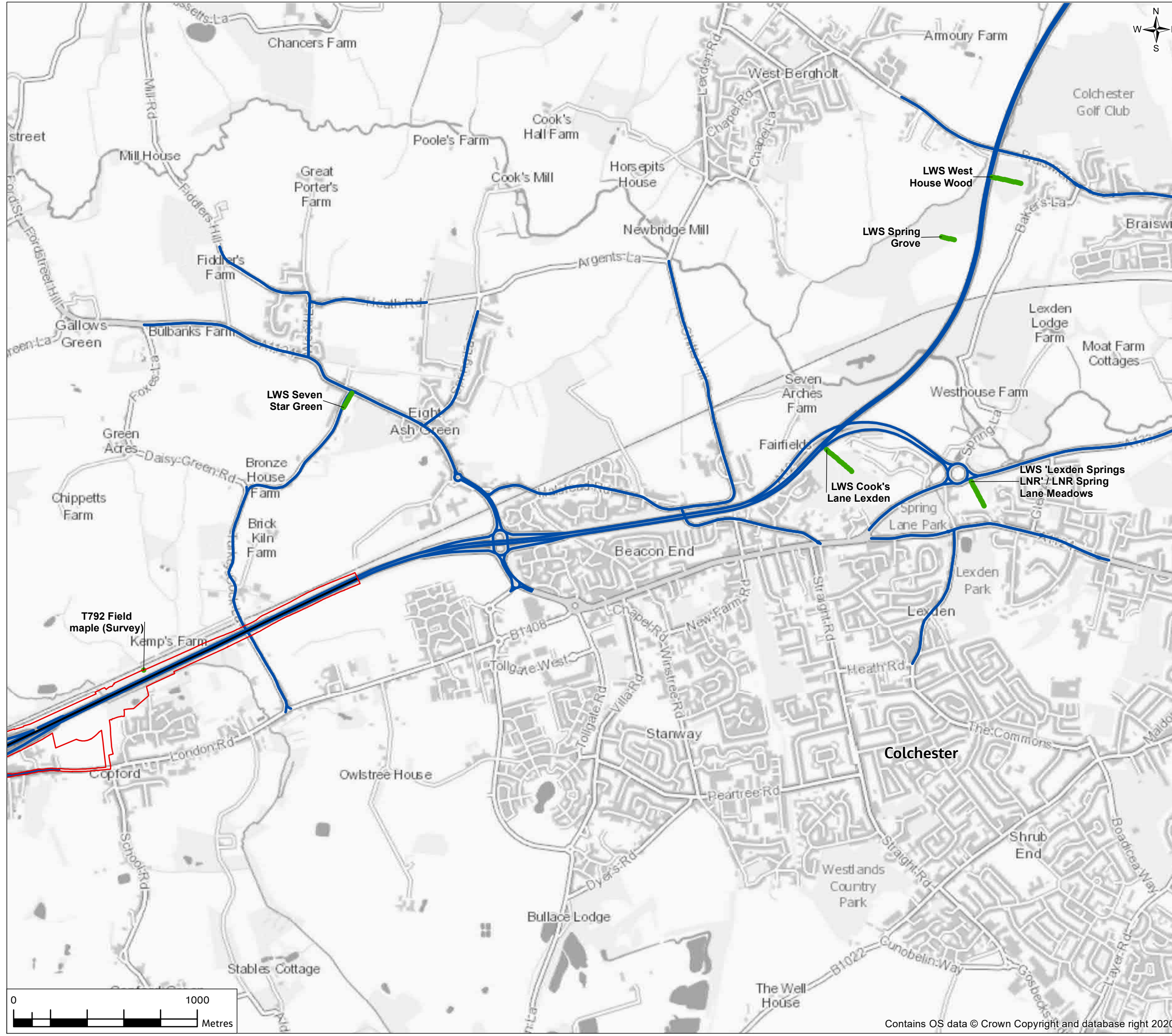
**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

Note:  
 AW - Ancient Woodland  
 LNR - Local Nature Reserve  
 LWS - Local Wildlife Site  
 SSSI - Site of Special Scientific Interest



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED ECOLOGY RECEPTORS SHEET 11 OF 12						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0056						



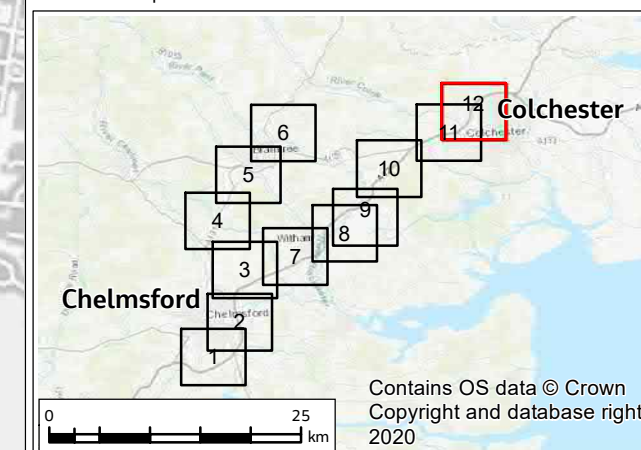
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.7**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- Ecological Receptors

Note:  
 AW - Ancient Woodland  
 LNR - Local Nature Reserve  
 LWS - Local Wildlife Site  
 SSSI - Site of Special Scientific Interest



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b> <b>Jacobs</b> Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
--	--

**Client**

**Project**

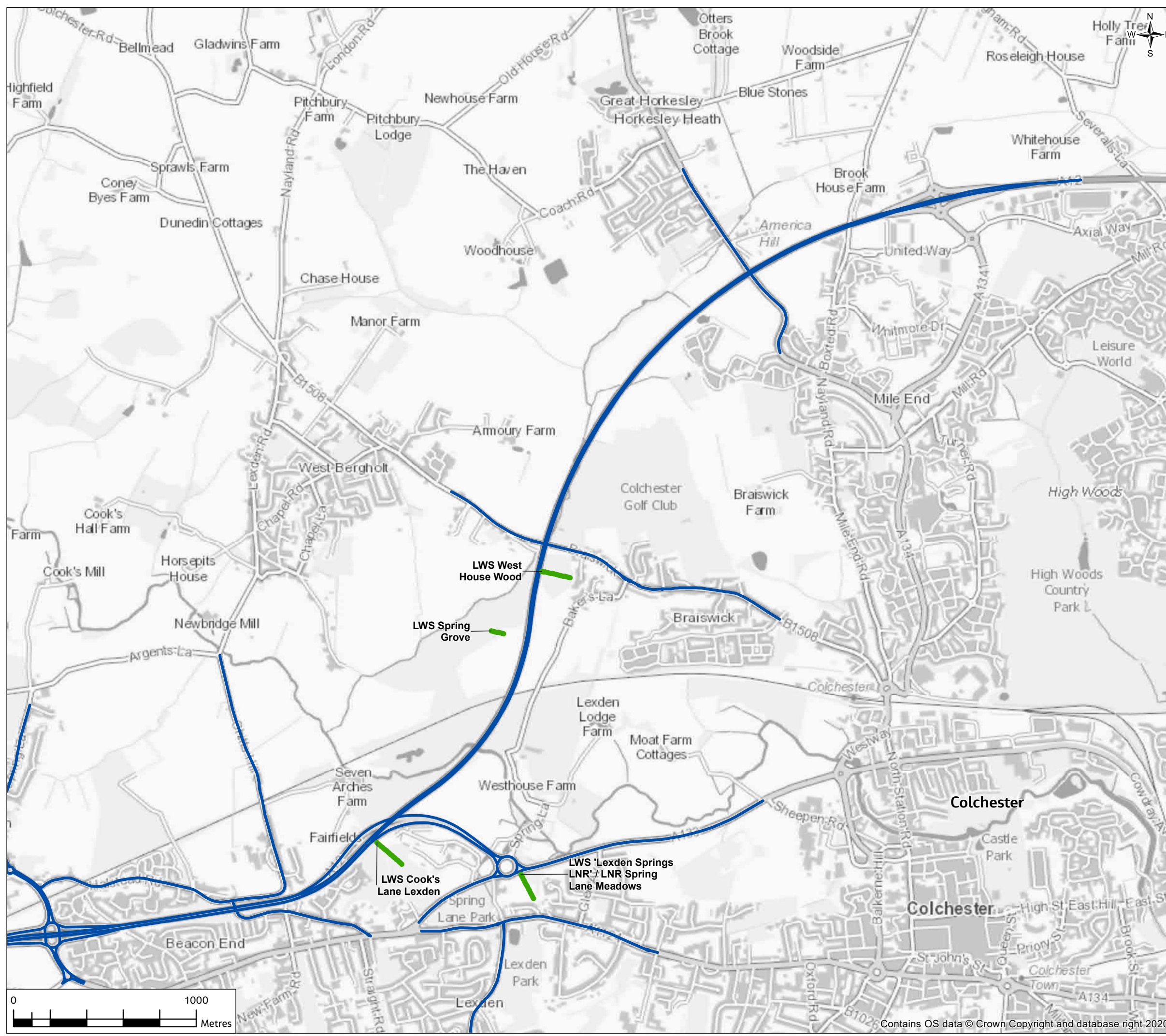
A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

PEIR  
 MODELLED ECOLOGY RECEPTORS  
 SHEET 12 OF 12

<b>Drawing Status</b>	S4 - SUITABLE FOR STAGE APPROVAL	
<b>Scale @ A3</b>	1:20000	DO NOT SCALE
<b>Jacobs No.</b>	B36601D1	
<b>Client No.</b>	HE551497	Rev P01
<b>Drawing Number</b>	HE551497-JAC-EAQ-SCHW-SK-GI-0057	

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

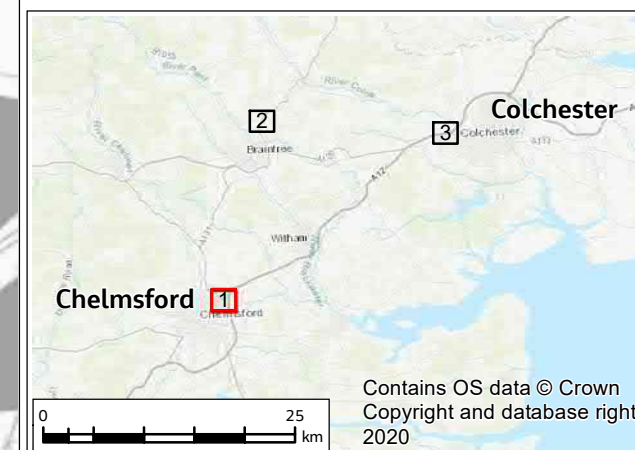
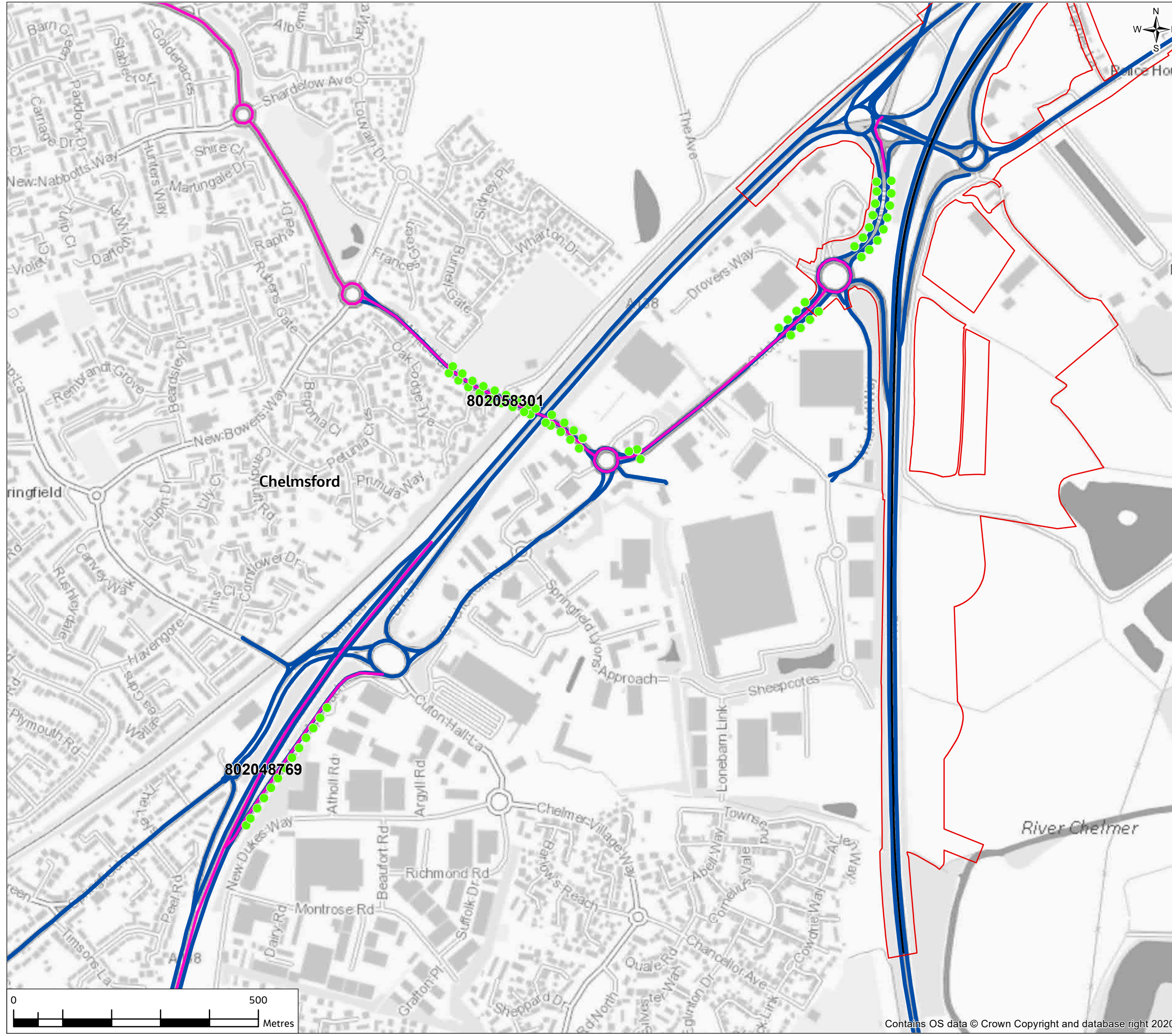


Contains OS data © Crown Copyright and database right 2020


**FIGURE 6.8**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- PCM Census IDs
- PCM Receptors (representative of qualifying features)



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b> <b>Jacobs</b> <small>Cottons Centre, Cottons Lane, London, SE1 2QG, UK                  Tel: +44 (0)20 3980 2000                  www.jacobs.com</small>
---	--

**Client**



**Project**

**A12 CHELMSFORD TO A120 WIDENING SCHEME**

**Drawing Title**

**PEIR  
MODELLED COMPLIANCE RISK ASSESSMENT RECEPTORS  
SHEET 1 OF 3**

**Drawing Status**

**S4 - SUITABLE FOR STAGE APPROVAL**

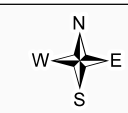
Scale @ A3	1:7500	DO NOT SCALE
Jacobs No.	B36601D1	
Client No.	HE551497	Rev P01

**Drawing Number**

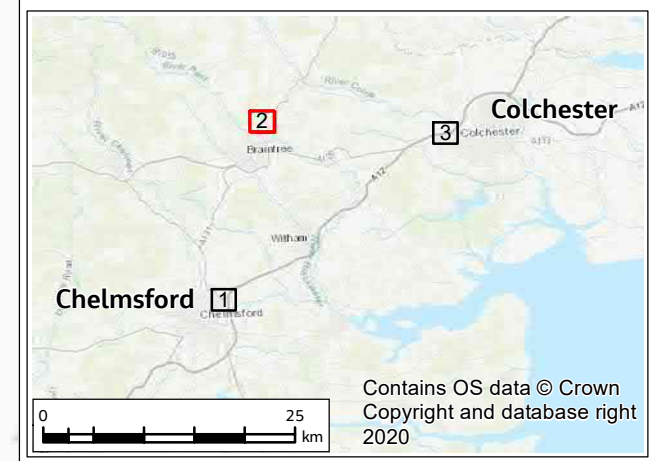
**HE551497-JAC-EAQ-SCHW-SK-GI-0058**

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.8**



- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
  - PCM Census IDs
  - PCM Receptors (representative of qualifying features)



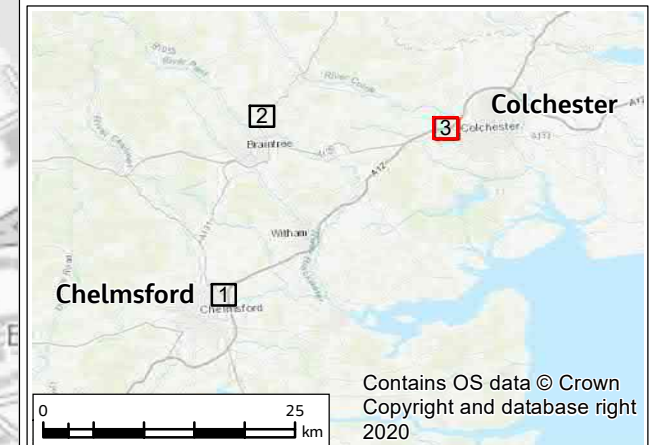
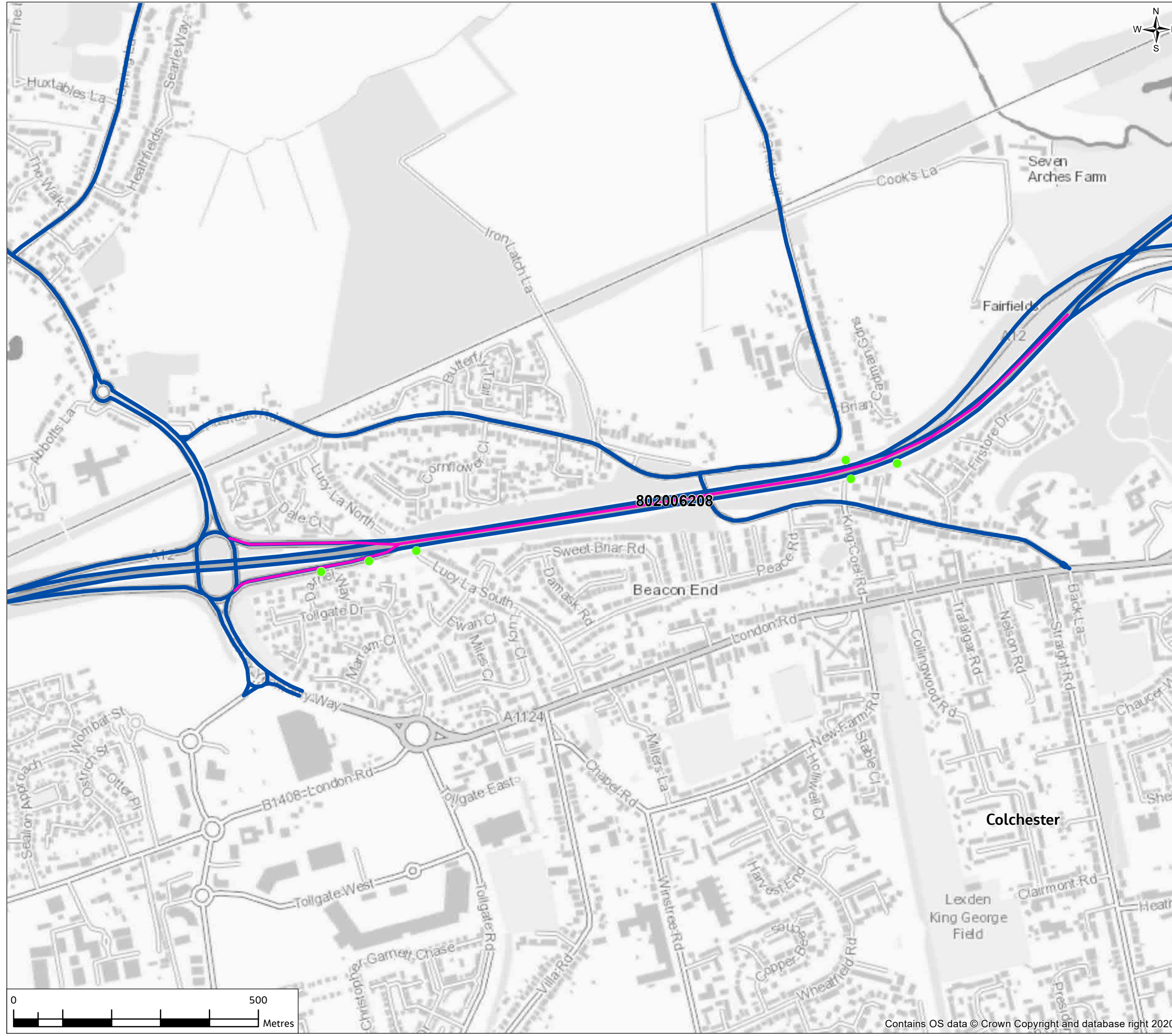
PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED COMPLIANCE RISK ASSESSMENT RECEPTORS SHEET 2 OF 3						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:7500		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0059						
<small>© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.</small>						



**FIGURE 6.8**

**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area
- PCM Census IDs
- PCM Receptors (representative of qualifying features)



PO1	11/05/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

<p>Contractor</p>	<p>Designer</p> <p><b>Jacobs</b></p> <p><small>Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com</small></p>
-------------------	---

Client

Project

**A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing Title

**PEIR  
MODELLED COMPLIANCE RISK ASSESSMENT RECEPTORS  
SHEET 3 OF 3**

Drawing Status

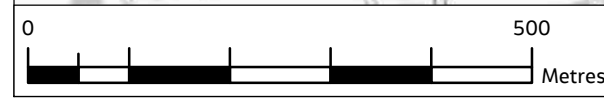
**S4 - SUITABLE FOR STAGE APPROVAL**

Scale @ A3	1:7500	DO NOT SCALE
Jacobs No.	B36601D1	Rev P01
Client No.	HE551497	

Drawing Number

**HE551497-JAC-EAQ-SCHW-SK-GI-0060**

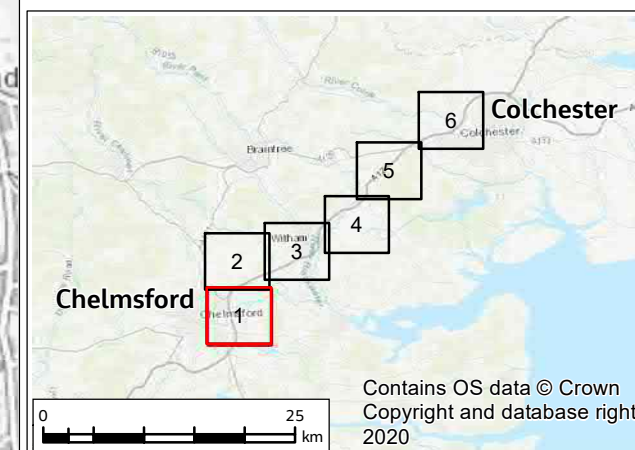
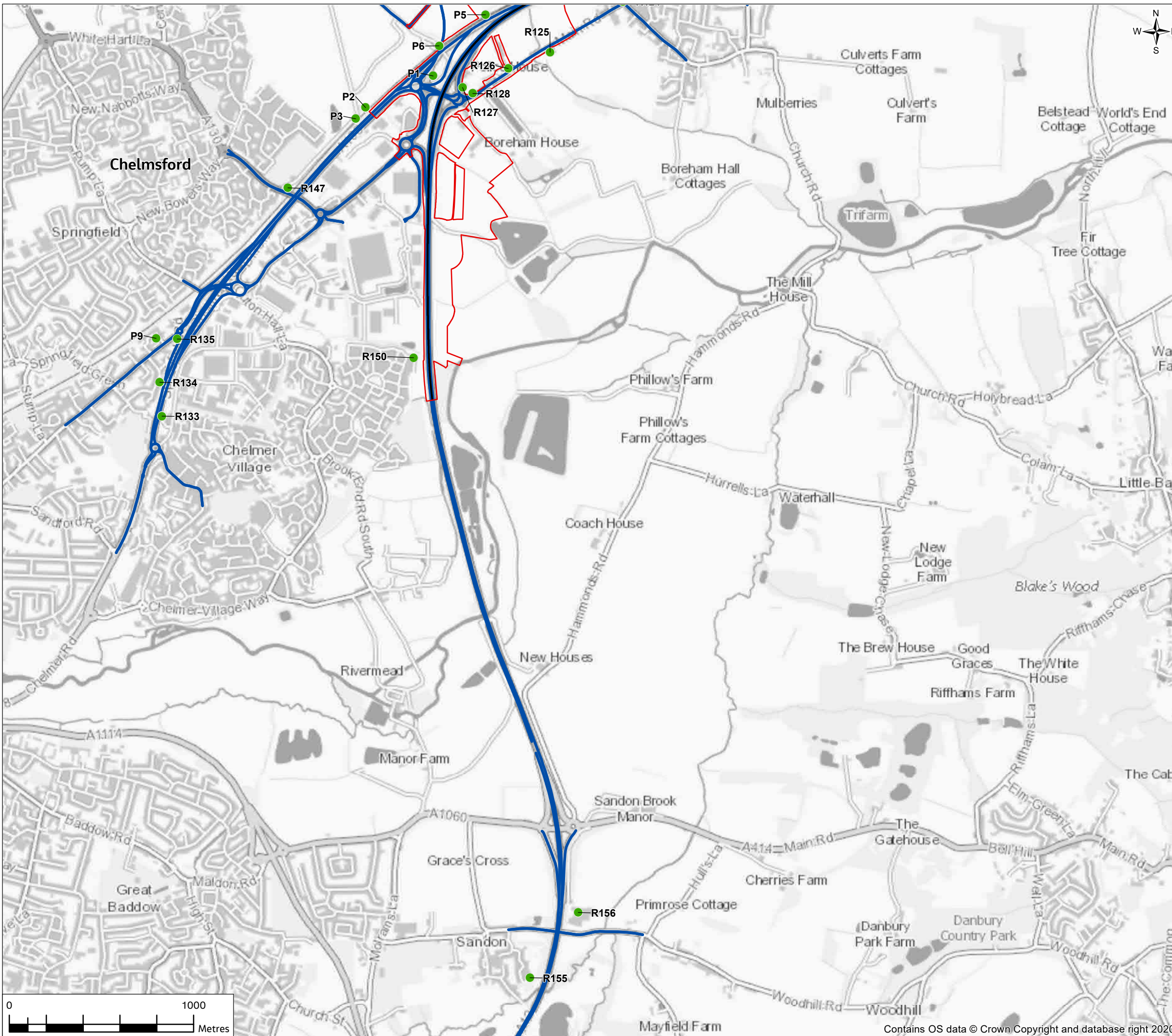
© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



**FIGURE 6.9**

**Legend**

- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2027 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)
- <36
  - 36 to <40
  - >=40

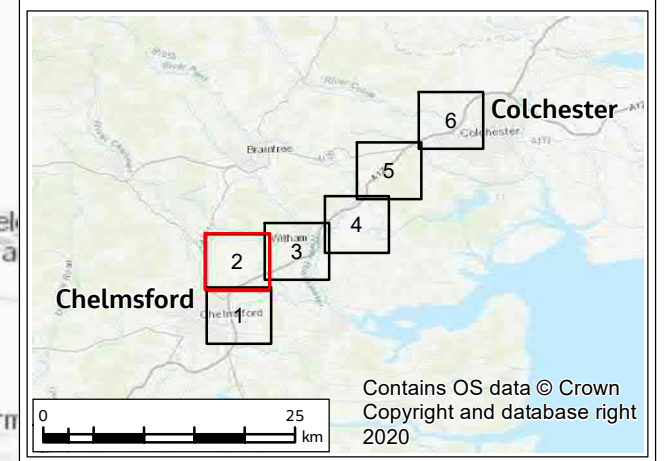
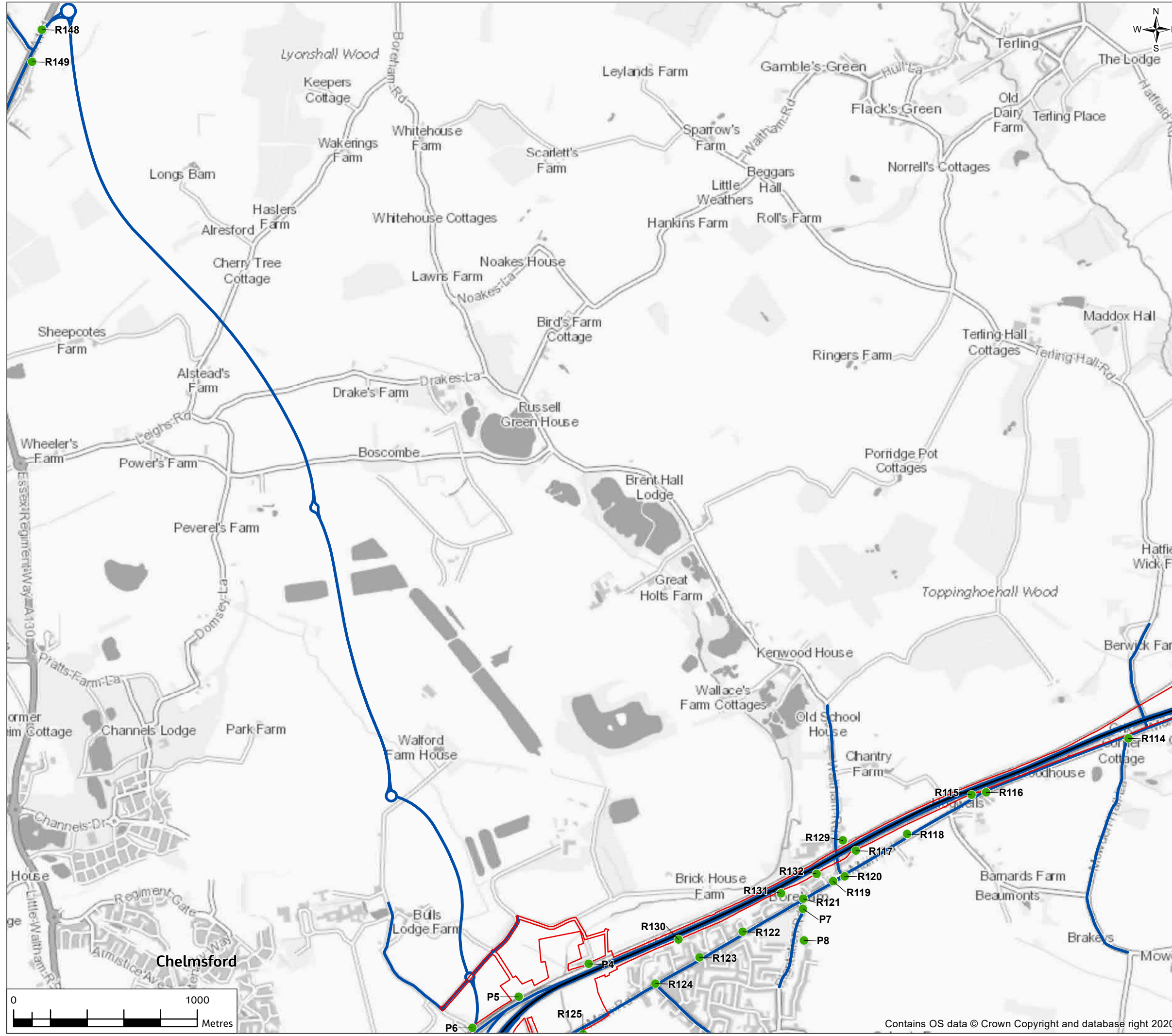


PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED NO <sub>2</sub> CONCENTRATIONS IN THE OPENING YEAR (2027) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 1 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000					DO NOT SCALE
Jacobs No.	B36601D1					Rev P01
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0061						

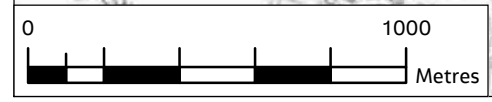


**FIGURE 6.9**

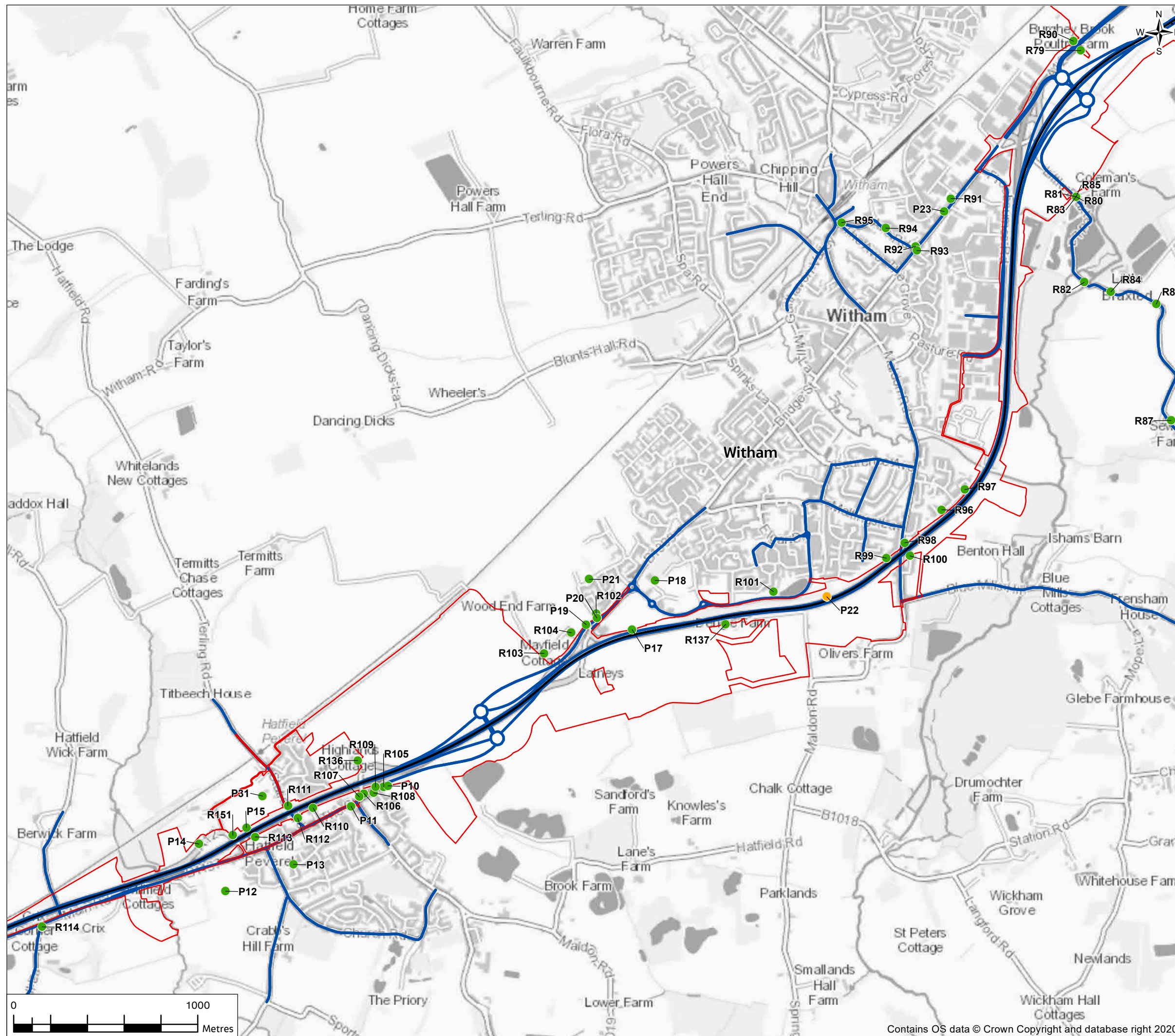
- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2027 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**
- <36
  - 36 to <40
  - >=40



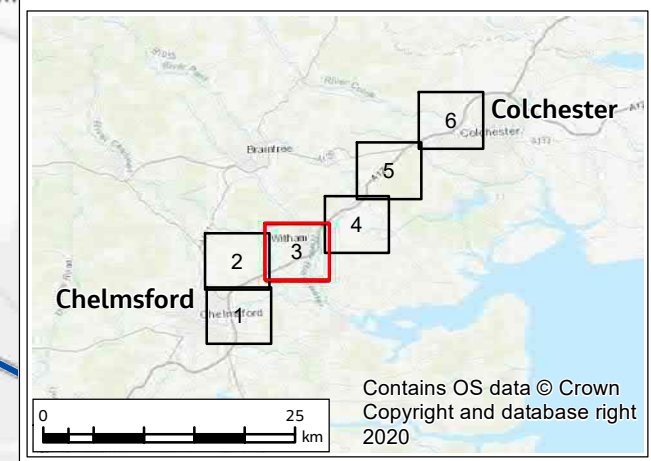
PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED NO <sub>2</sub> CONCENTRATIONS IN THE OPENING YEAR (2027) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 2 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000		DO NOT SCALE			
Jacobs No.	B36601D1		Rev		P01	
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0062						
<small>© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.</small>						



**FIGURE 6.9**



- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2027 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**
- <36
  - 36 to <40
  - >=40



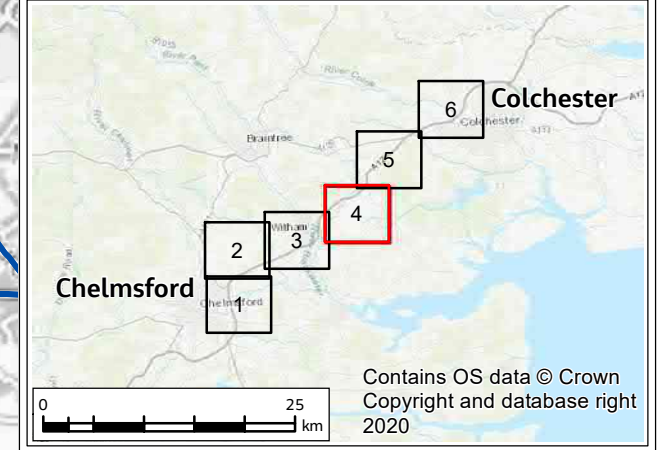
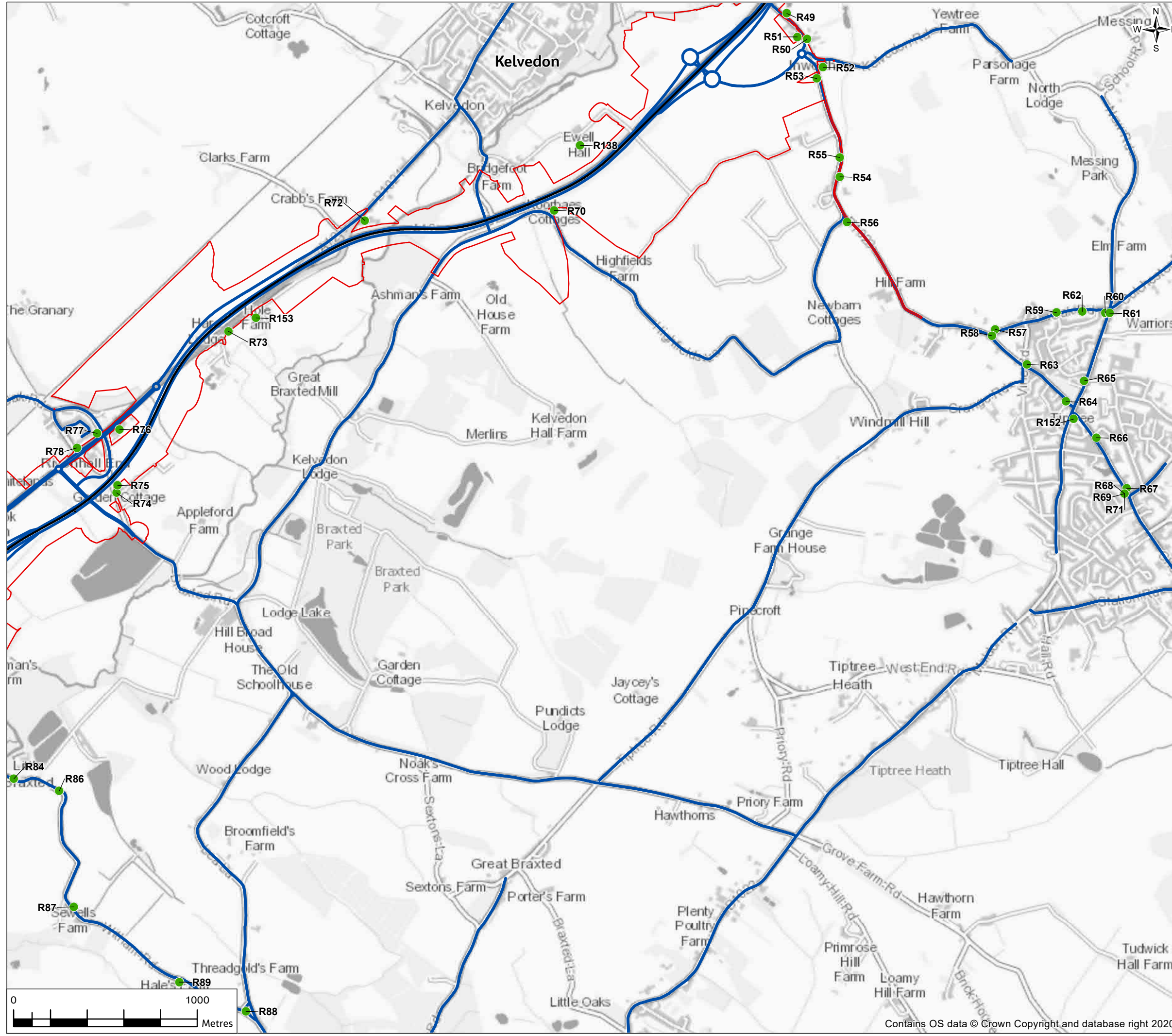
PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED NO <sub>2</sub> CONCENTRATIONS IN THE OPENING YEAR (2027) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 3 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000		DO NOT SCALE			
Jacobs No.	B36601D1		Rev		P01	
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0063						



© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

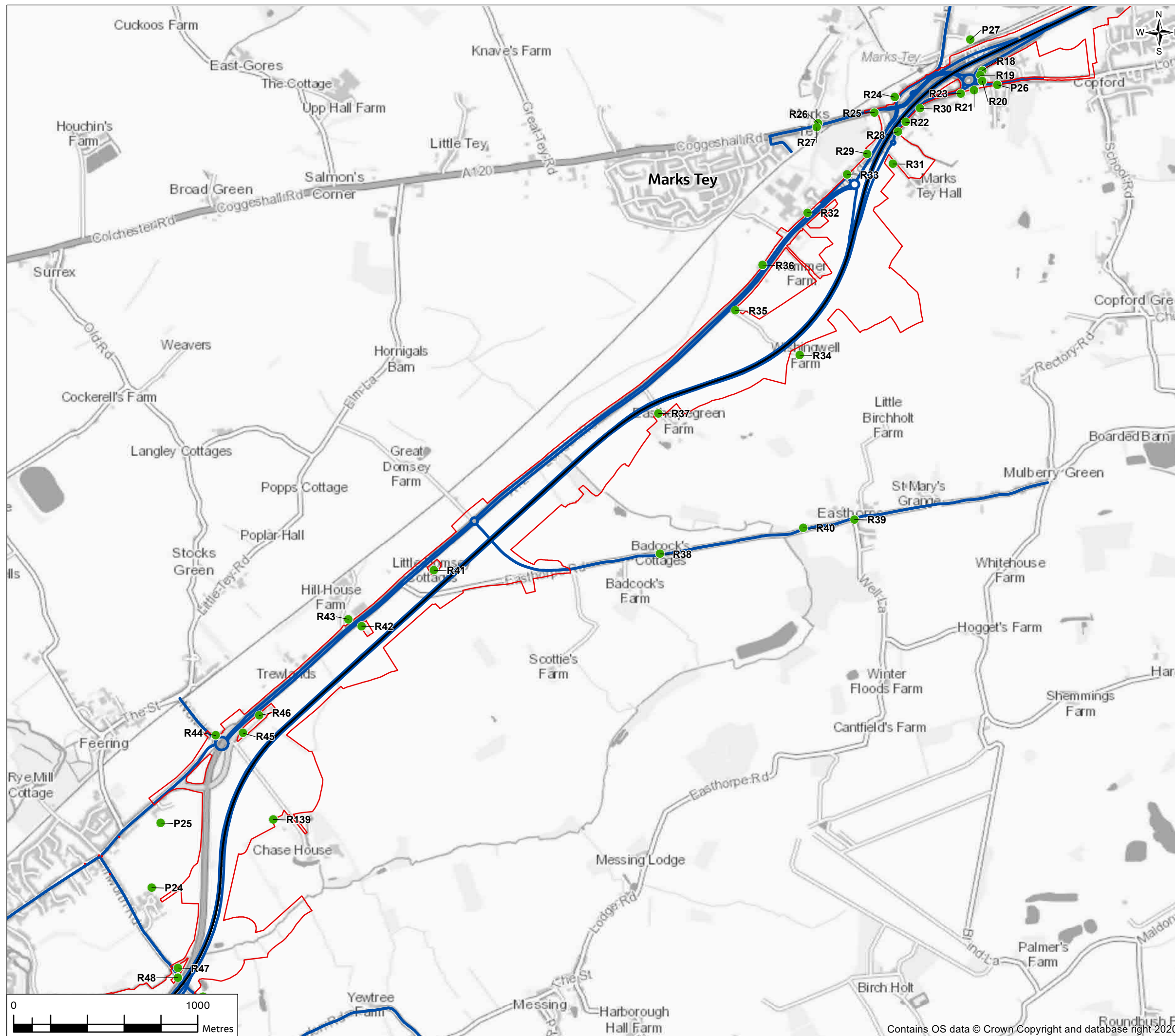
**FIGURE 6.9**

- Legend**
- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2027 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**
- <36
  - 36 to <40
  - >=40



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLED NO <sub>2</sub> CONCENTRATIONS IN THE OPENING YEAR (2027) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 4 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0064						
<small>© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.</small>						

**FIGURE 6.9**

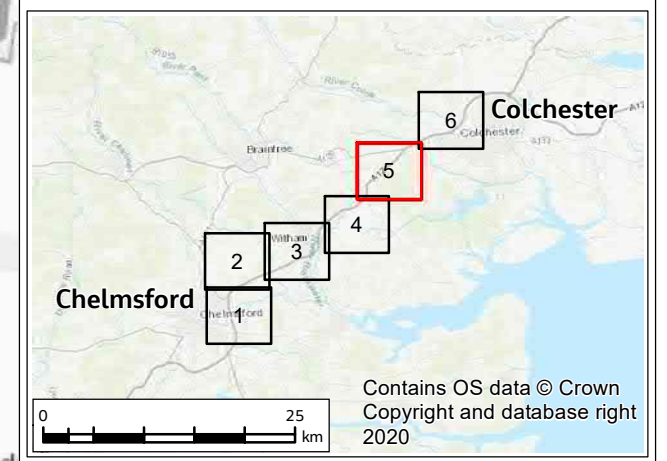


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

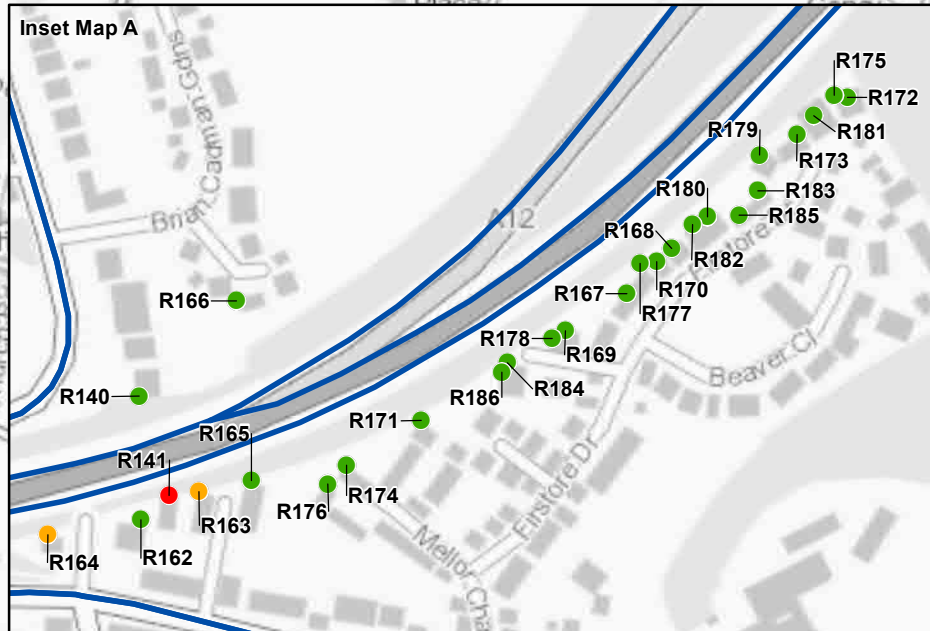
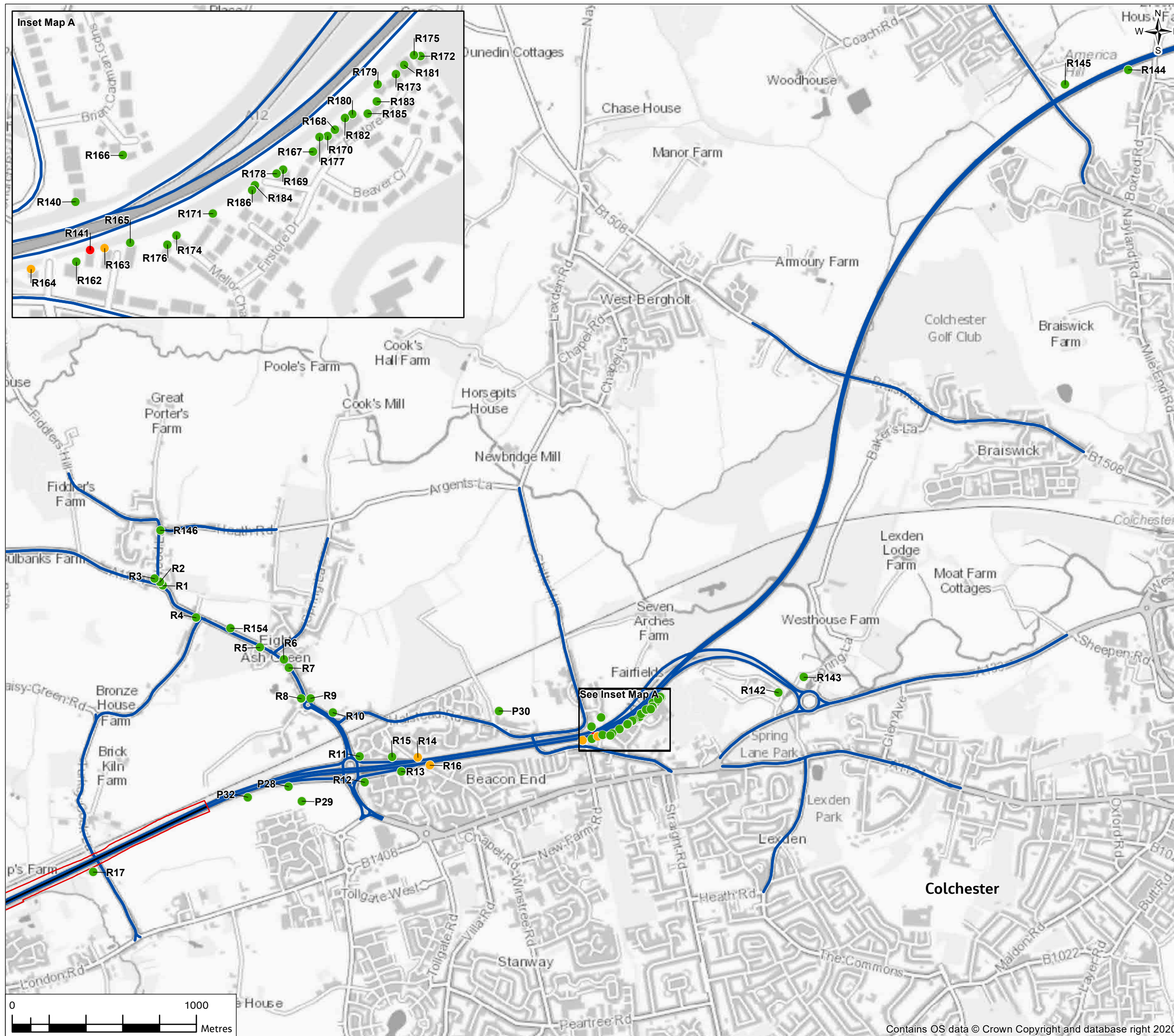
2027 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)

- <36
- 36 to <40
- >=40

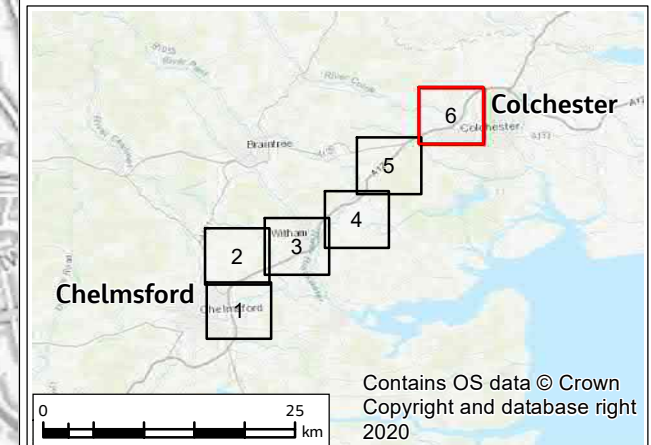


P01	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLLED NO <sub>2</sub> CONCENTRATIONS IN THE OPENING YEAR (2027) DO SOMETHING SCENARIO FOR HUMAN HEALTH RECEPTORS - SHEET 5 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:20000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0065						

**FIGURE 6.9**



- Provisional Order Limits
  - Proposed Scheme Centreline
  - Air Quality Study Area
- 2027 Do Something NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)
- <36
  - 36 to <40
  - >=40



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b> <b>JACOBS</b> <small>Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com</small>
--	---

**Client**

**Project**

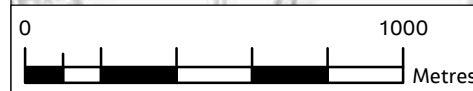
**A12 CHELMSFORD TO A120 WIDENING SCHEME**

**Drawing Title**

**PEIR  
MODELLED NO<sub>2</sub> CONCENTRATIONS IN THE  
OPENING YEAR (2027) DO SOMETHING SCENARIO  
FOR HUMAN HEALTH RECEPTORS - SHEET 6 OF 6**

<b>Drawing Status</b>		<b>S4 - SUITABLE FOR STAGE APPROVAL</b>	
Scale @ A3	1:20000	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	P01
Client No.	HE551497		
<b>Drawing Number</b>			
HE551497-JAC-EAQ-SCHW-SK-GI-0066			

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



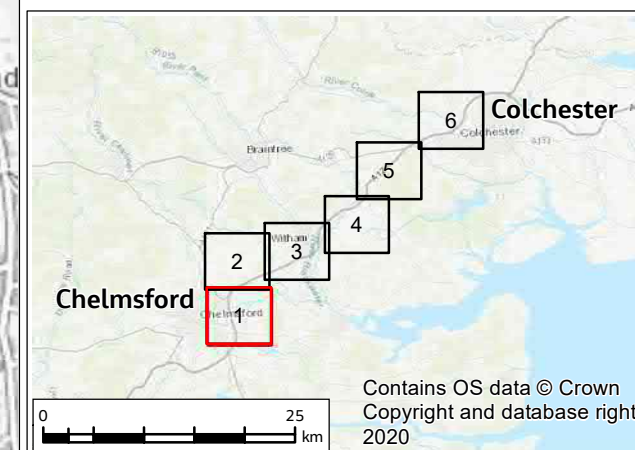
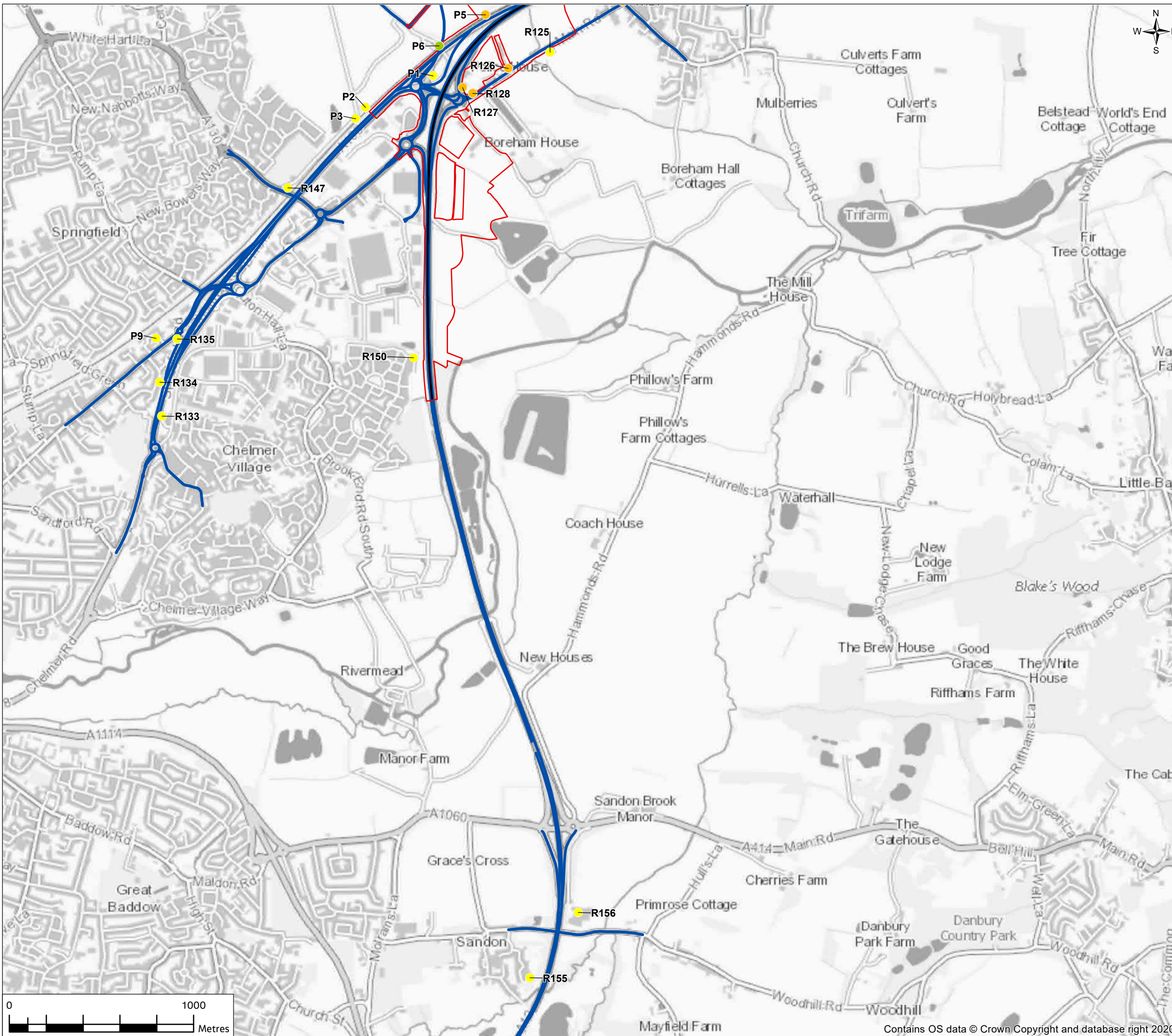
**FIGURE 6.10**

**Legend**



- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

PEIR  
 MODELLLED CHANGE IN NO<sub>2</sub> BETWEEN THE OPENING YEAR (2027) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 1 OF 6

<b>Drawing Status</b>		S4 - SUITABLE FOR STAGE APPROVAL	
Scale @ A3	1:20000	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	P01
Client No.	HE551497		
<b>Drawing Number</b>			
HE551497-JAC-EAQ-SCHW-SK-GI-0067			

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.





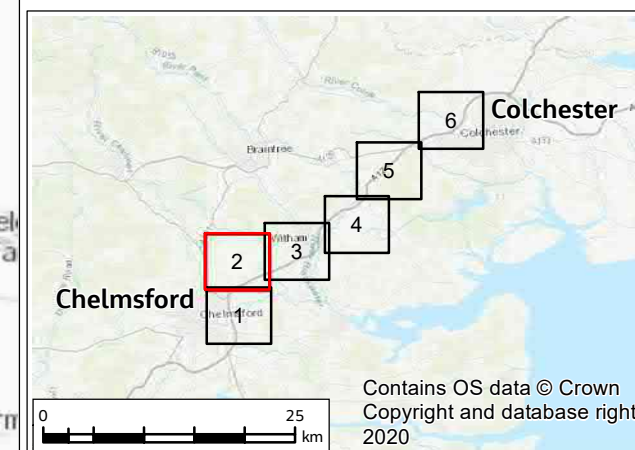
**FIGURE 6.10**

**Legend**



- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

	<b>Designer</b>  Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com
---	--

**Client**



**Project**

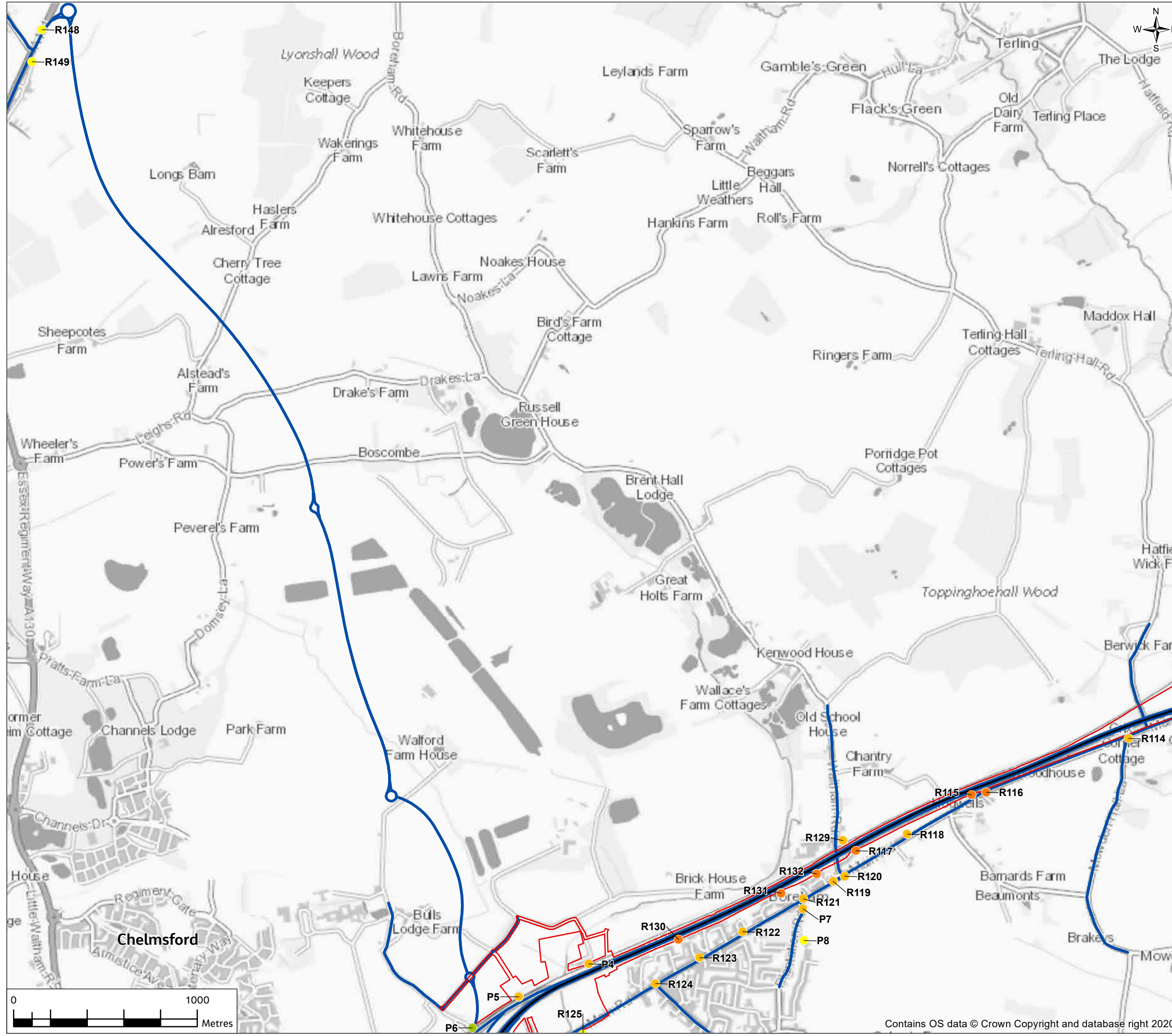
A12 CHELMSFORD TO A120 WIDENING SCHEME

**Drawing Title**

PEIR  
 MODELLLED CHANGE IN NO<sub>2</sub> BETWEEN THE OPENING YEAR (2027) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 2 OF 6

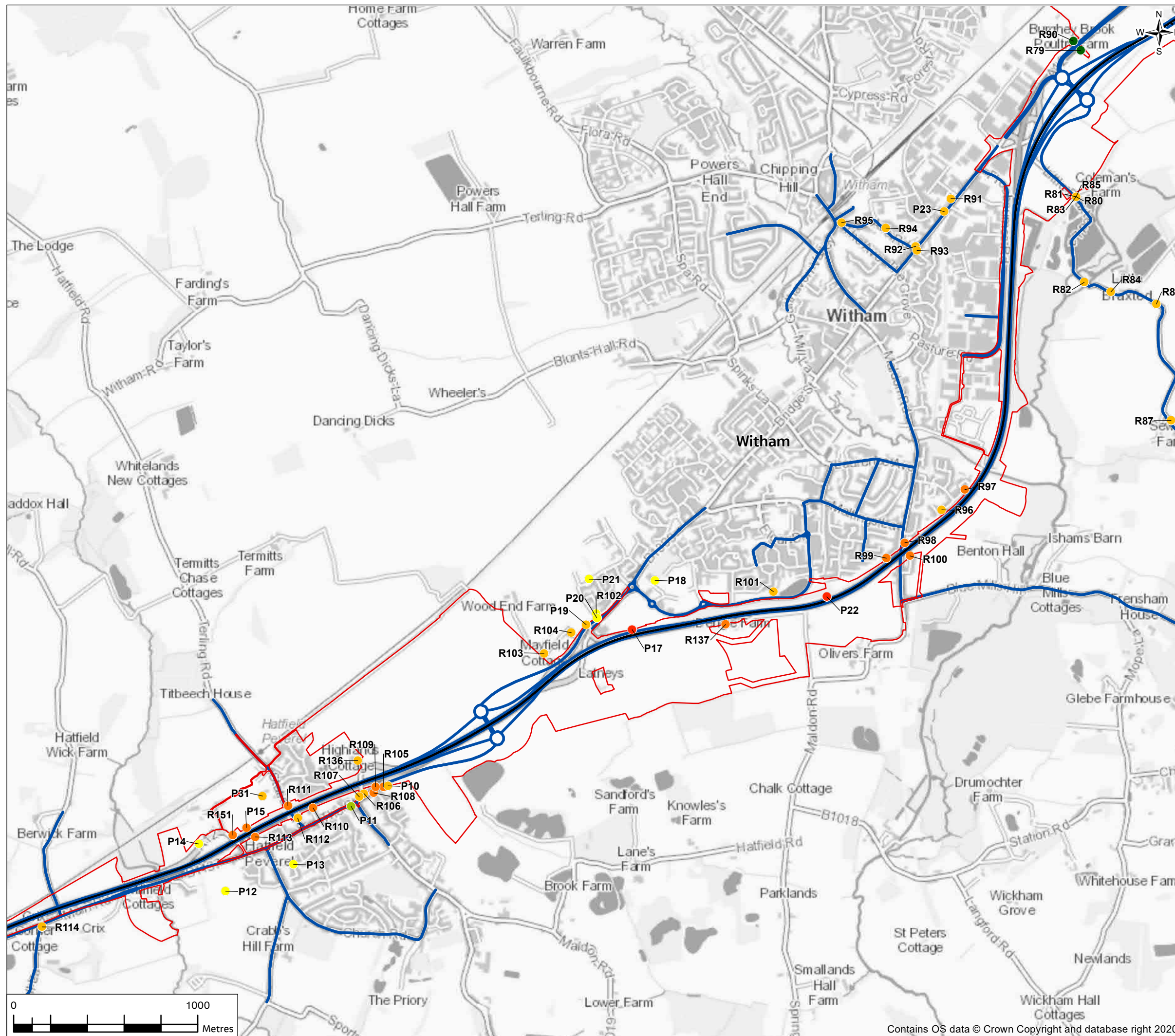
<b>Drawing Status</b>		S4 - SUITABLE FOR STAGE APPROVAL	
Scale @ A3	1:20000	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	P01
Client No.	HE551497		
<b>Drawing Number</b>			
HE551497-JAC-EAQ-SCHW-SK-GI-0068			

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.



Contains OS data © Crown Copyright and database right 2020

FIGURE 6.10

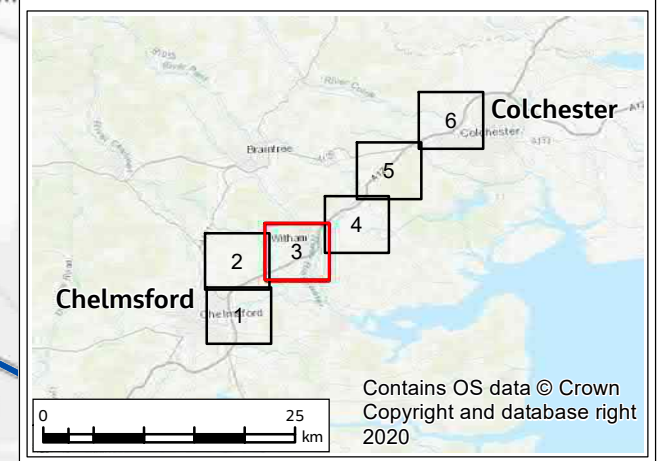


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase

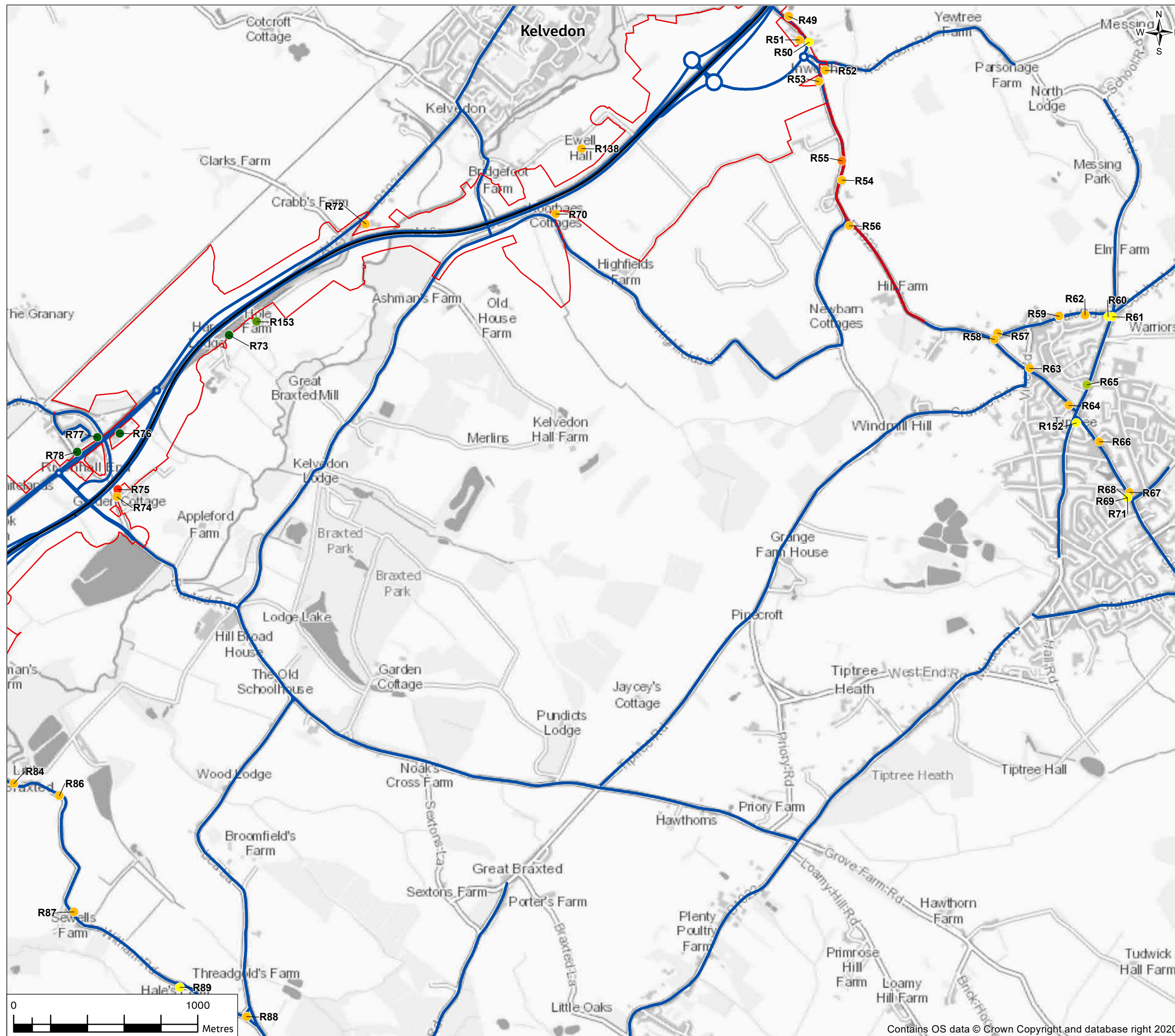


PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLLED CHANGE IN NO <sub>2</sub> BETWEEN THE OPENING YEAR (2027) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 3 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0069						



© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.

FIGURE 6.10

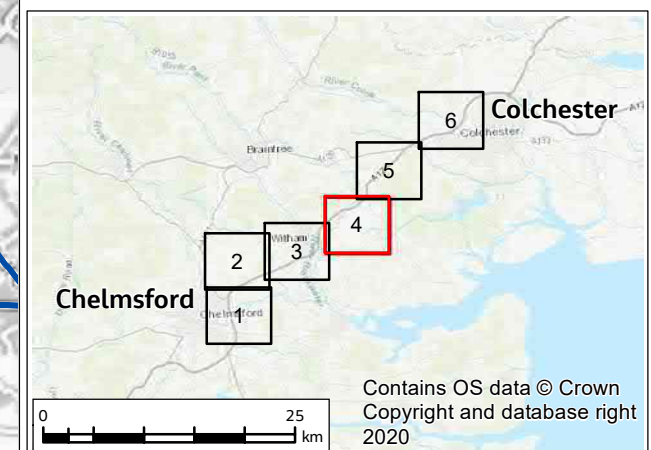


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase

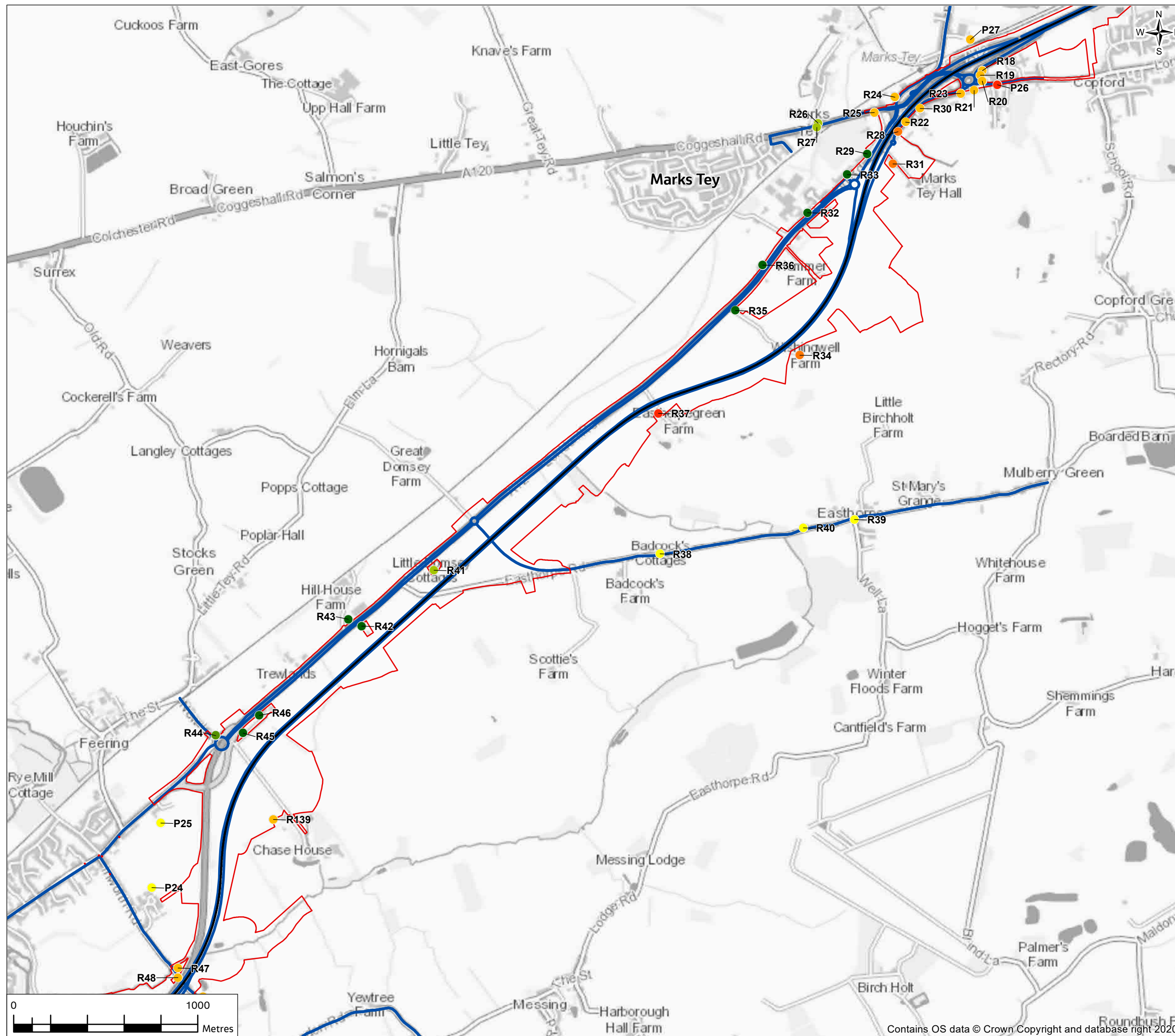


PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLLED CHANGE IN NO <sub>2</sub> BETWEEN THE OPENING YEAR (2027) FOR MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 4 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3			1:20000		DO NOT SCALE	
Jacobs No.			B36601D1		Rev P01	
Client No.			HE551497			
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0070						



© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

FIGURE 6.10

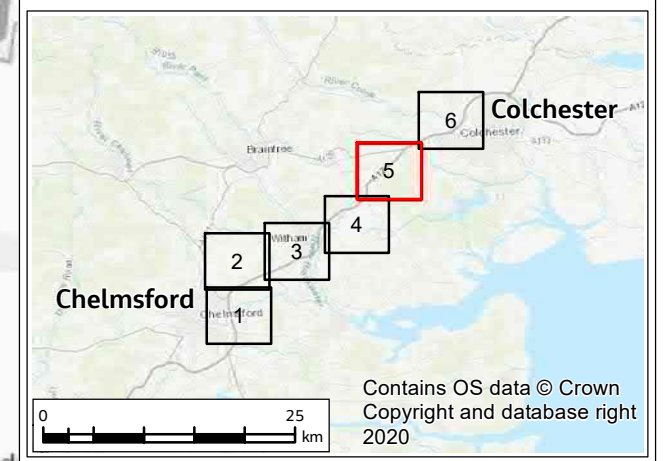


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

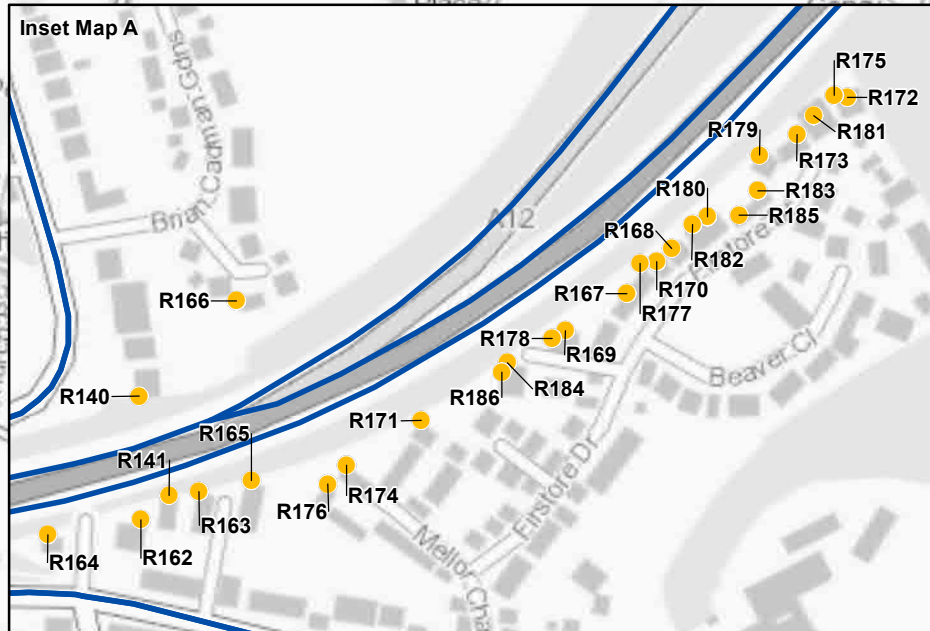
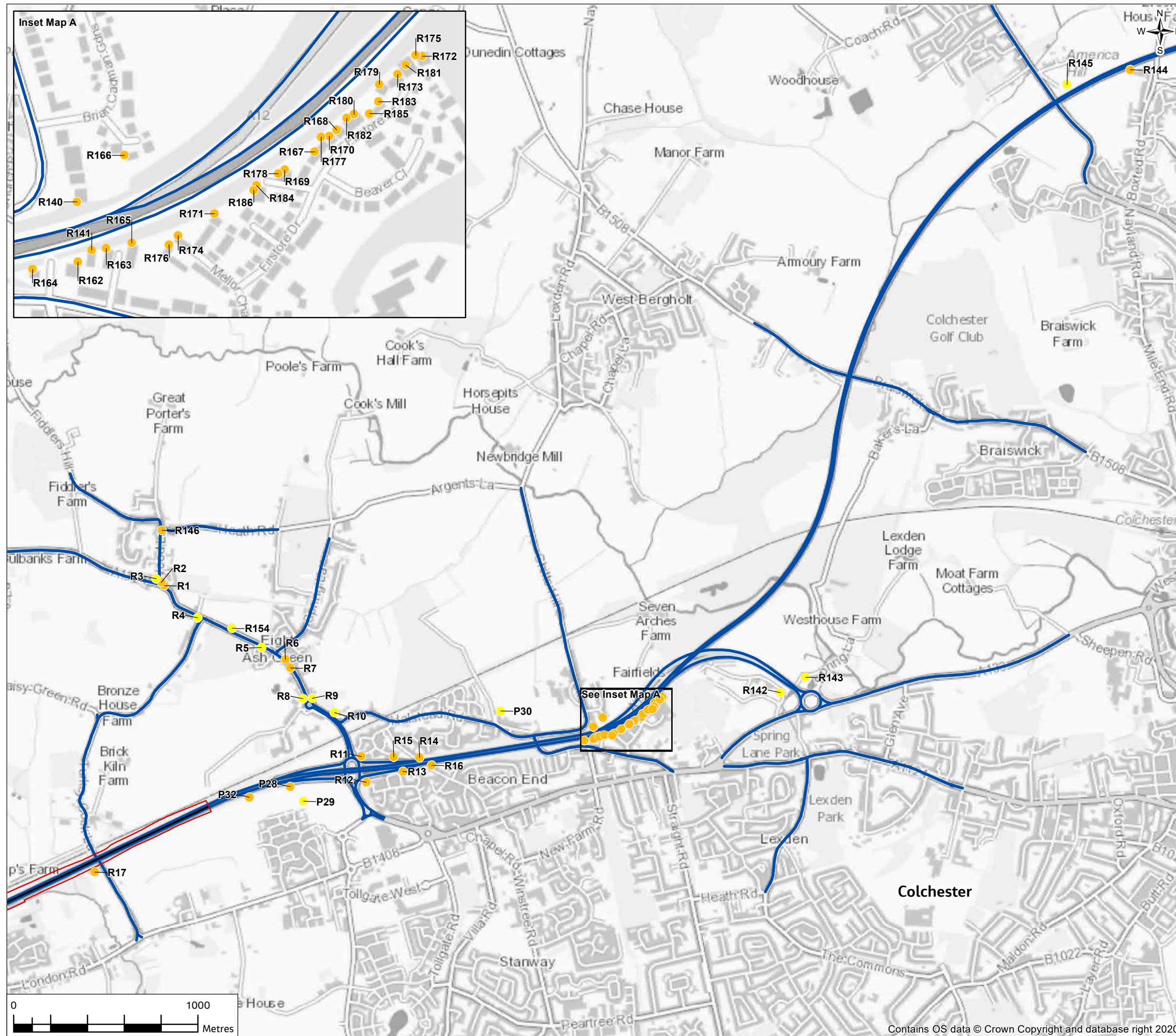
- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLLED CHANGE IN NO <sub>2</sub> BETWEEN THE OPENING YEAR (2027) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 5 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000		DO NOT SCALE			
Jacobs No.	B36601D1		Rev P01			
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0071						

© Copyright 2021 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

**FIGURE 6.10**

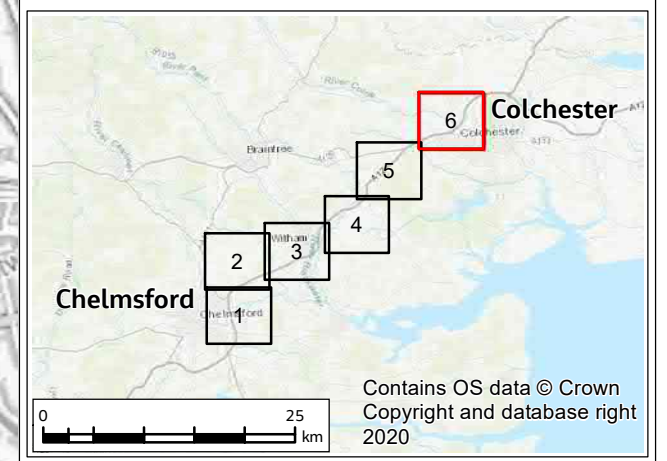


**Legend**

- Provisional Order Limits
- Proposed Scheme Centreline
- Air Quality Study Area

**Change in NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

- >4 reduction
- >2 to <=4 reduction
- >0.4 to <=2 reduction
- <=0.4 change
- >0.4 to <=2 increase
- >2 to <=4 increase
- >4 increase



PO1	29/04/21	For consultation	AD	HP	KT	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR MODELLLED CHANGE IN NO <sub>2</sub> BETWEEN THE OPENING YEAR (2027) DO MINIMUM AND DO SOMETHING SCENARIOS FOR HUMAN HEALTH RECEPTORS - SHEET 6 OF 6						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:20000					DO NOT SCALE
Jacobs No.	B36601D1					Rev
Client No.	HE551497					PO1
Drawing Number						
HE551497-JAC-EAQ-SCHW-SK-GI-0072						