

## M25 junction 28 improvement scheme

TR010029

### 10.9 Environmental Statement Chapter 6: Noise and vibration figures Changes 1-4

Regulation 5(2)(a)

Planning Act 2008

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

Volume 9

February 2021

## Infrastructure Planning

### Planning Act 2008

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

### M25 junction 28 scheme Development Consent Order 202[x ]

---

#### 10.9 ENVIRONMENTAL STATEMENT CHAPTER 6: NOISE AND VIBRATION FIGURES CHANGES 1-4

---

<b>Regulation Number:</b>	Regulation 5(2)(a)
<b>Planning Inspectorate Scheme Reference:</b>	TR010029
<b>Application Document Reference:</b>	TR010029/EXAM/10.9
<b>Author:</b>	M25 junction 28 scheme, Project Team, Highways England

<b>Version</b>	<b>Date</b>	<b>Status of Version</b>
0	18 February 2021	Deadline 3a Change Request

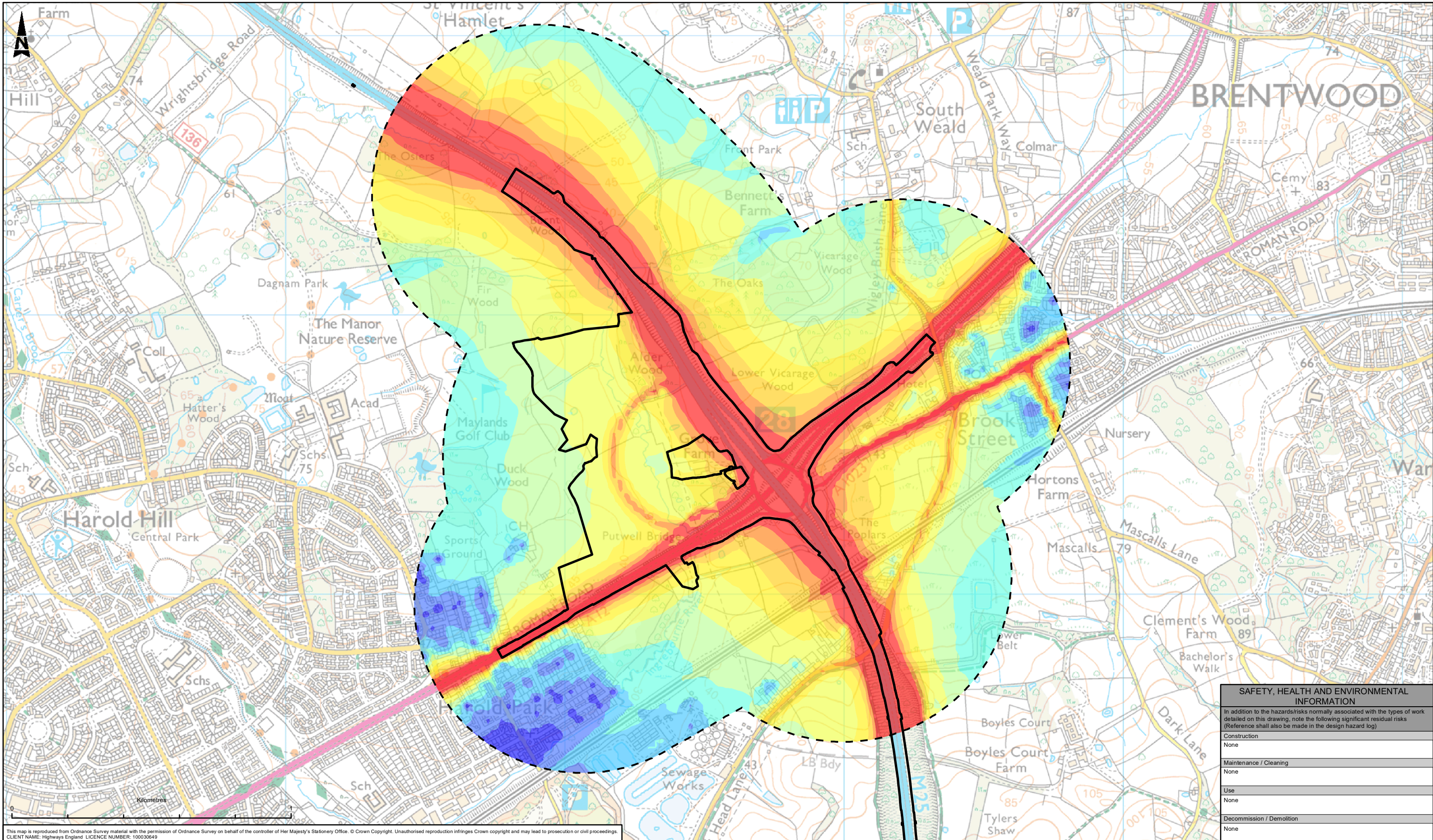
# Table of contents

<b>Chapter</b>	<b>Pages</b>
1. Schedule of figures included in this application document	4

# 1. Schedule of figures included in this application document

1.1.1 This document forms part of the change request documentation by the Applicant (TR010029/EXAM/10.1) for Changes 1-4. The following figures have been revised to reflect Changes 1-4.

Document title	Document number	Revision
Figure 6.6 Predicted Daytime Road Traffic Noise Levels, DS22	TR010029/APP/6.2	1
Figure 6.8 Predicted Daytime Road Traffic Noise Levels, DS37	TR010029/APP/6.2	1
Figure 6.9 Short Term Change (DS22-DM22)	TR010029/APP/6.2	2
Figure 6.10 Long Term Change with the Scheme (DS37-DM22)	TR010029/APP/6.2	2
Figure 6.13 Predicted Night-time Road Traffic Noise Levels, DS22	TR010029/APP/6.2	1
Figure 6.15 Predicted Night-time Road Traffic Noise Levels, DS37	TR010029/APP/6.2	1



This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. CLIENT NAME: Highways England LICENCE NUMBER: 100030649

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made in the design hazard log)	
Construction	None
Maintenance / Cleaning	None
Use	None
Decommission / Demolition	None

LEGEND	
	DCO Scheme Boundary
	600m Study Area
	>70.0 dB
	67.5 - 70.0 dB
	65.0 - 67.5 dB
	62.5 - 65.0 dB
	60.0 - 62.5 dB
	57.5 - 60.0 dB
	55.0 - 57.5 dB
	52.5 - 55.0 dB
	50.0 - 52.5 dB
	< 50.0 dB

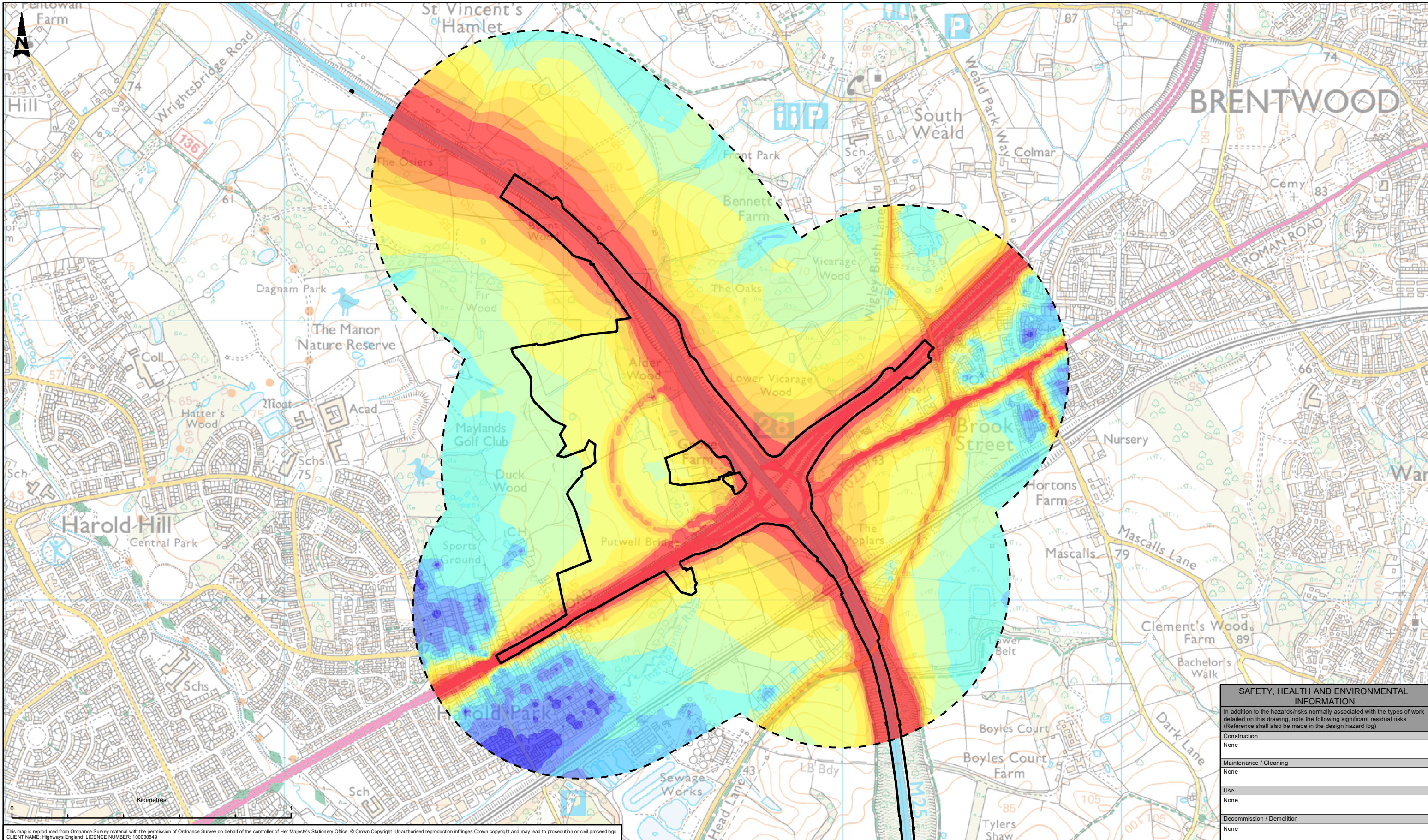
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Published	A1	C03	SD	LM	EM	PG	11/02/21
Published	A1	C02	KV	FH	EM	PG	18/03/20

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Published	A1	C03	SD	LM	EM	PG	11/02/21
Published	A1	C02	KV	FH	EM	PG	18/03/20

**ATKINS**  
Member of the SNC-Lavalin Group  
Epsom Gateway  
Ashley Avenue  
Epsom  
Surrey  
KT18 5AL  
Tel: +44 (0) 1372 726140  
Fax: +44 (0) 1372 740055  
www.atkinsglobal.com

**highways england**

Project Title	M25 Junction 28
Drawing Title	FIGURE 6.6 PREDICTED DAYTIME ROAD TRAFFIC NOISE LEVELS, DS22
Drawing Number	Project: HE551519 - ATK - ENV Originator: XX - GS - GI - 000006 Volume: ---
Original Size: A3	Scale: 1:12,500 Project Ref. No: --- Sheet: 1 of 1 Rev: C03



This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings.  
 CLIENT NAME: Highways England LICENCE NUMBER: 100030649

LEGEND	
	DCO Scheme Boundary
	600m Study Area
	Noise Level dB $L_{A10,15hr}$ >70.0
	67.5 - 70.0 dB
	65.0 - 67.5 dB
	62.5 - 65.0 dB
	60.0 - 62.5 dB
	57.5 - 60.0 dB
	55.0 - 57.5 dB
	52.5 - 55.0 dB
	50.0 - 52.5 dB
	< 50.0 dB

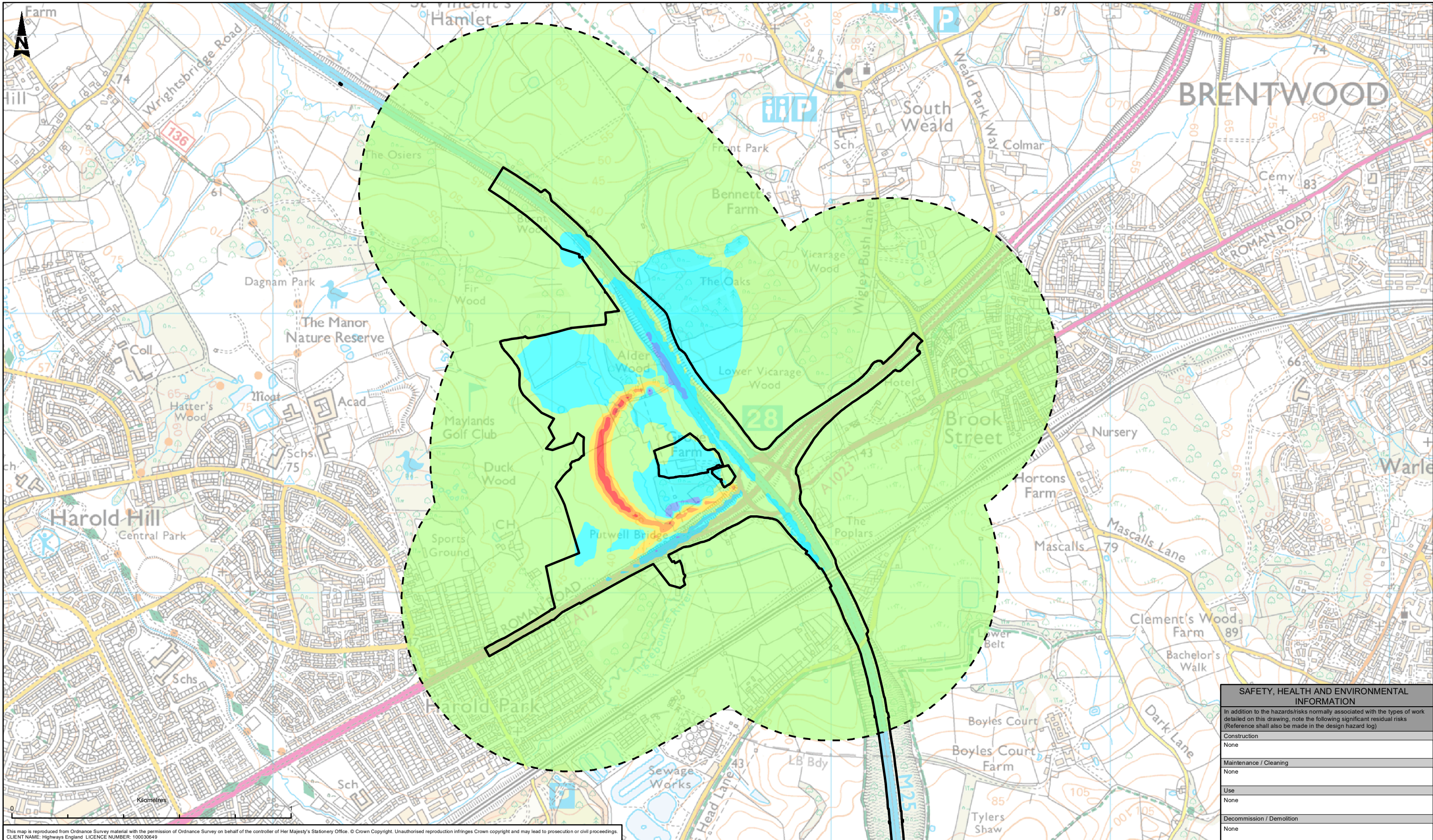
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made in the design hazard log)	
Construction	None
Maintenance / Cleaning	None
Use	None
Decommission / Demolition	None

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
PUBLISHED	A1	C03	SD	LM	EM	PG	11/02/21
PUBLISHED	A1	C02	KV	FH	EM	PG	18/03/20

**ATKINS**  
 Member of the SNC-Lavalin Group  
 Epsom Gateway  
 Ashley Avenue  
 Epsom  
 Surrey  
 KT18 5AL  
 Tel: +44 (0) 1372 726140  
 Fax: +44 (0) 1372 740055  
 Copyright © Atkins Limited (2021) www.atkinsglobal.com

**highways england**

Project Title	M25 Junction 28
Drawing Title	FIGURE 6.8 PREDICTED DAYTIME ROAD TRAFFIC NOISE LEVELS, DS37
Drawing Number	HE551519 - ATK - ENV XX - GS - GI - 000008
Client	highways england
Original Size	A3
Scale	1:12,500
Project Ref. No.	---
Sheet	1 of 1
Rev.	C03



This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. CLIENT NAME: Highways England LICENCE NUMBER: 100030649

LEGEND	
	DCO Boundary
	600m Study Area
	Noise Level dB L <sub>A10,18hr</sub> 5.0 to 10.0 dB
	3.0 to 5.0 dB
	1.0 to 3.0 dB
	-1.0 to 1.0 dB
	-3.0 to -1.0 dB
	-5.0 to -3.0 dB
	-10.0 to -5.0 dB

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made in the design hazard log)	
Construction	None
Maintenance / Cleaning	None
Use	None
Decommission / Demolition	None

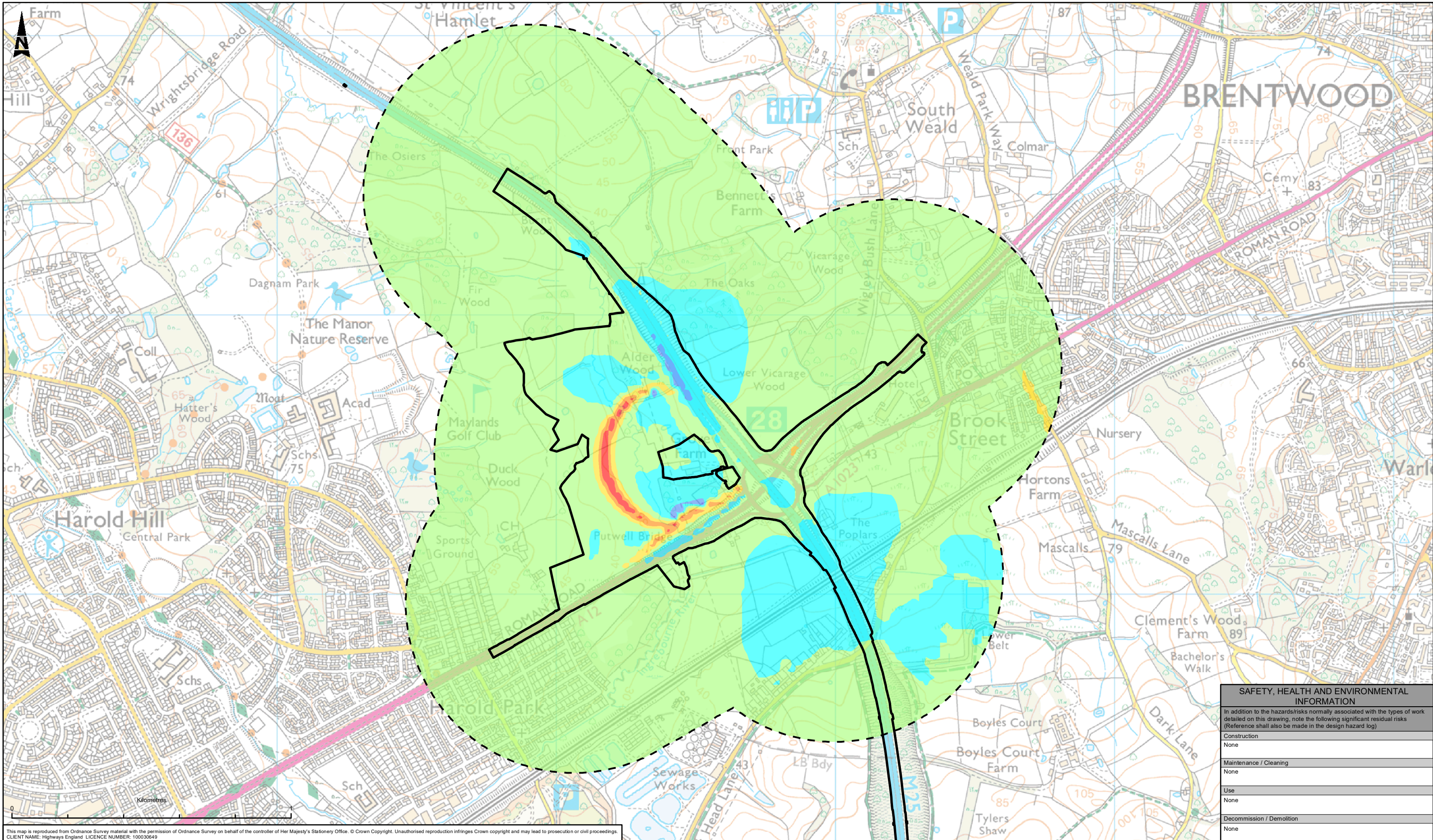
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
PUBLISHED	A1	C04	SD	LM	EM	PG	15/02/21
PUBLISHED	A1	C03	SD	LM	EM	PG	11/02/21
PUBLISHED	A1	C02	KV	FH	EM	PG	18/03/20

**ATKINS**  
Member of the SNC-Lavalin Group

Epsom Gateway  
Ashley Avenue  
Epsom  
Surrey  
KT18 5AL  
Tel: +44 (0) 1372 726140  
Fax: +44 (0) 1372 740055  
www.atkinsglobal.com

**highways england**

Project Title	M25 Junction 28
Drawing Title	FIGURE 6.9 SHORT TERM CHANGE (DS22-DM22)
Drawing Number	HE551519 - ATK - ENV XX - GS - GI - 000009
Original Size	A3
Scale	1:12,500
Project Ref. No.	---
Sheet	1 of 1
Rev.	C04



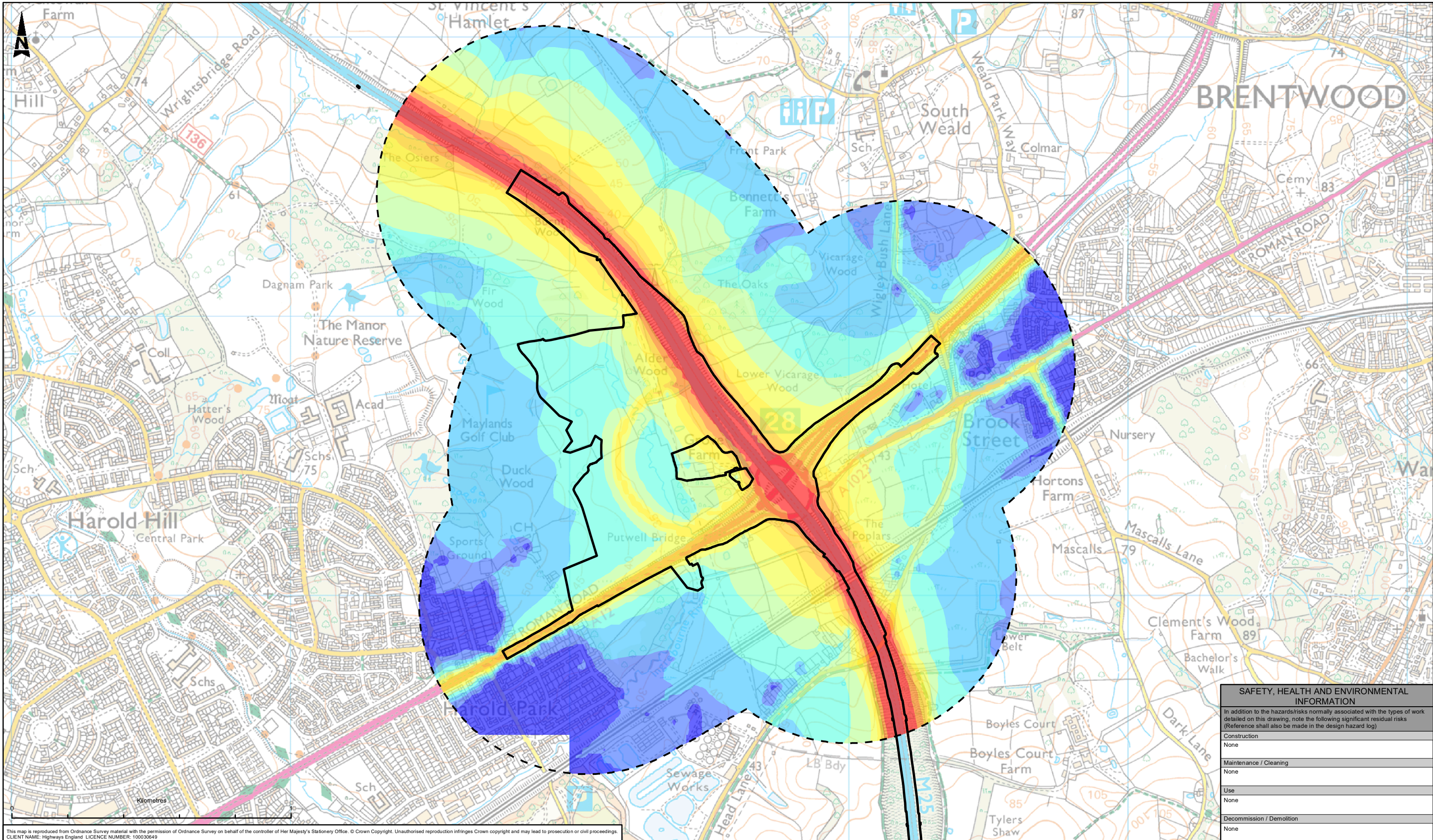
This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. CLIENT NAME: Highways England LICENCE NUMBER: 100030649

LEGEND	
	DCO Boundary
	600m Study Area
	Noise Level dB L <sub>A10,18hr</sub> 5.0 to 10.0 dB
	3.0 to 5.0 dB
	1.0 to 3.0 dB
	-1.0 to 1.0 dB
	-3.0 to -1.0 dB
	-5.0 to -3.0 dB
	-10.0 to -5.0 dB

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made in the design hazard log)	
Construction	None
Maintenance / Cleaning	None
Use	None
Decommission / Demolition	None

<table border="1"> <tr> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> </tr> <tr> <td>PUBLISHED</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	PUBLISHED							<table border="1"> <tr> <td>Drawing Suitability</td> <td>Status</td> </tr> <tr> <td><b>PUBLISHED</b></td> <td><b>A1</b></td> </tr> </table>		Drawing Suitability	Status	<b>PUBLISHED</b>	<b>A1</b>	<table border="1"> <tr> <td>Project Title</td> <td>M25 Junction 28</td> </tr> <tr> <td>Drawing Title</td> <td>FIGURE 6.10 LONG TERM CHANGE WITH THE SCHEME (DS37-DM22)</td> </tr> <tr> <td>Drawing Number</td> <td>Project: HE551519 - ATK - ENV Originator: XX - GS - GI - 000010 Volume: ---</td> </tr> <tr> <td>Original Size: A3</td> <td>Scale: 1:12,500 Project Ref. No.: --- Sheet: 1 of 1 Rev: C04</td> </tr> </table>		Project Title	M25 Junction 28	Drawing Title	FIGURE 6.10 LONG TERM CHANGE WITH THE SCHEME (DS37-DM22)	Drawing Number	Project: HE551519 - ATK - ENV Originator: XX - GS - GI - 000010 Volume: ---	Original Size: A3	Scale: 1:12,500 Project Ref. No.: --- Sheet: 1 of 1 Rev: C04
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date																									
PUBLISHED																															
Drawing Suitability	Status																														
<b>PUBLISHED</b>	<b>A1</b>																														
Project Title	M25 Junction 28																														
Drawing Title	FIGURE 6.10 LONG TERM CHANGE WITH THE SCHEME (DS37-DM22)																														
Drawing Number	Project: HE551519 - ATK - ENV Originator: XX - GS - GI - 000010 Volume: ---																														
Original Size: A3	Scale: 1:12,500 Project Ref. No.: --- Sheet: 1 of 1 Rev: C04																														
<table border="1"> <tr> <td>Description</td> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> </tr> <tr> <td>PUBLISHED</td> <td>A1</td> <td>C04</td> <td>SD</td> <td>LM</td> <td>EM</td> <td>PG</td> <td>15/02/21</td> </tr> </table>		Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	PUBLISHED	A1	C04	SD	LM	EM	PG	15/02/21	<table border="1"> <tr> <td colspan="2"><b>ATKINS</b></td> <td colspan="2">Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL</td> </tr> <tr> <td colspan="2">Member of the SNC-Lavalin Group</td> <td colspan="2">Tel: +44 (0) 1372 726140 Fax: +44 (0) 1372 740055</td> </tr> <tr> <td colspan="2">Copyright © Atkins Limited (2021)</td> <td colspan="2">www.atkinsglobal.com</td> </tr> </table>		<b>ATKINS</b>		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL		Member of the SNC-Lavalin Group		Tel: +44 (0) 1372 726140 Fax: +44 (0) 1372 740055		Copyright © Atkins Limited (2021)		www.atkinsglobal.com	
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date																								
PUBLISHED	A1	C04	SD	LM	EM	PG	15/02/21																								
<b>ATKINS</b>		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL																													
Member of the SNC-Lavalin Group		Tel: +44 (0) 1372 726140 Fax: +44 (0) 1372 740055																													
Copyright © Atkins Limited (2021)		www.atkinsglobal.com																													
<table border="1"> <tr> <td>Description</td> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> </tr> <tr> <td>PUBLISHED</td> <td>A1</td> <td>C03</td> <td>SD</td> <td>LM</td> <td>EM</td> <td>PG</td> <td>11/02/21</td> </tr> </table>		Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	PUBLISHED	A1	C03	SD	LM	EM	PG	11/02/21	<table border="1"> <tr> <td colspan="2"><b>highways england</b></td> </tr> </table>		<b>highways england</b>											
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date																								
PUBLISHED	A1	C03	SD	LM	EM	PG	11/02/21																								
<b>highways england</b>																															
<table border="1"> <tr> <td>Description</td> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> </tr> <tr> <td>PUBLISHED</td> <td>A1</td> <td>C02</td> <td>SD</td> <td>LM</td> <td>EM</td> <td>PG</td> <td>01/05/20</td> </tr> </table>		Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	PUBLISHED	A1	C02	SD	LM	EM	PG	01/05/20	<table border="1"> <tr> <td colspan="2"><b>highways england</b></td> </tr> </table>		<b>highways england</b>											
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date																								
PUBLISHED	A1	C02	SD	LM	EM	PG	01/05/20																								
<b>highways england</b>																															





This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings.  
 CLIENT NAME: Highways England LICENCE NUMBER: 100030649

LEGEND	
	DCO Scheme Boundary
	600m Study Area
	Noise Level $L_{A10,18hr}$ >70.0 dB
	67.5 - 70.0 dB
	65.0 - 67.5 dB
	62.5 - 65.0 dB
	60.0 - 62.5 dB
	57.5 - 60.0 dB
	55.0 - 57.5 dB
	52.5 - 55.0 dB
	50.0 - 52.5 dB
	< 50.0 dB

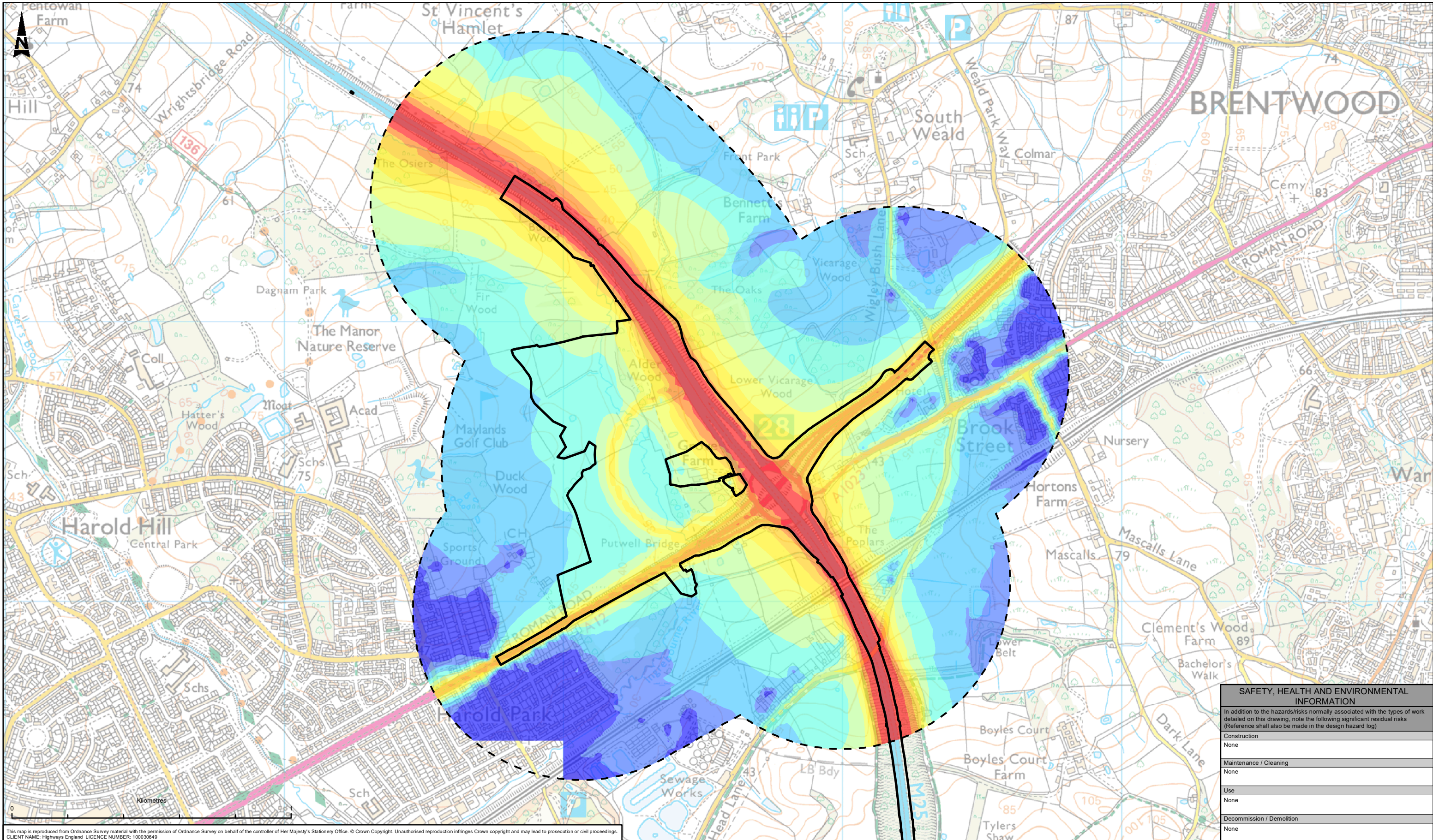
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
PUBLISHED	A1	C03	SD	LM	EM	PG	11/02/21
PUBLISHED	A1	C02	KV	FH	EM	PG	18/32/20

Description	Status
PUBLISHED	A1

**ATKINS**  
 Member of the SNC-Lavalin Group  
 Epsom Gateway  
 Ashley Avenue  
 Epsom  
 Surrey  
 KT18 5AL  
 Tel: +44 (0) 1372 726140  
 Fax: +44 (0) 1372 740055  
 Copyright © Atkins Limited (2021) www.atkinsglobal.com

**highways england**

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made in the design hazard log)	
Construction	None
Maintenance / Cleaning	None
Use	None
Decommission / Demolition	None
Project Title	M25 Junction 28
Drawing Title	FIGURE 6.13 PREDICTED NIGHT-TIME ROAD TRAFFIC NOISE LEVELS, DS22
Drawing Number	Project: HE551519 - ATK - ENV Originator: XX - GS - GI - 000013 Volume: ---
Original Size: A3	Scale: 1:12,500 Project Ref. No: --- Sheet: 1 of 1 Rev: C03



This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings.  
 CLIENT NAME: Highways England LICENCE NUMBER: 100030649

LEGEND	
	DCO Scheme Boundary
	600m Study Area
	Noise Level dB L night >70.0
	67.5 - 70.0
	65.0 - 67.5
	62.5 - 65.0
	60.0 - 62.5
	57.5 - 60.0
	55.0 - 57.5
	52.5 - 55.0
	50.0 - 52.5
	< 50.0

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made in the design hazard log)	
Construction	None
Maintenance / Cleaning	None
Use	None
Decommission / Demolition	None

<table border="1"> <tr> <td>Description</td> <td colspan="6">Drawing Suitability</td> <td>Status</td> <td>Project Title</td> </tr> <tr> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> <td><b>PUBLISHED</b></td> <td><b>A1</b></td> <td>M25 Junction 28</td> </tr> <tr> <td>Description</td> <td colspan="6">  Member of the SNC-Lavalin Group           </td> <td colspan="3">           Epsom Gateway            Ashley Avenue            Epsom            Surrey            KT18 5AL            Tel: +44 (0) 1372 726140            Fax: +44 (0) 1372 740055            Copyright © Atkins Limited (2021) www.atkinsglobal.com         </td> </tr> <tr> <td>Description</td> <td colspan="6">Client</td> <td colspan="3"> </td> </tr> <tr> <td>Description</td> <td colspan="6">PUBLISHED</td> <td colspan="3">           Project   Originator   Volume            HE551519 - ATK - ENV            XX - GS - GI - 000015         </td> </tr> <tr> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> <td colspan="3">           Original Size: A3   Scale: 1:12,500   Project Ref. No.: --   Sheet: 1 of 1   Rev: C03         </td> </tr> <tr> <td>Description</td> <td colspan="6">PUBLISHED</td> <td colspan="3"></td> </tr> <tr> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> <td colspan="3"></td> </tr> <tr> <td>Status</td> <td>Revision</td> <td>Drawn</td> <td>Checked</td> <td>Reviewed</td> <td>Authorised</td> <td>Issue Date</td> <td colspan="3"></td> </tr> </table>		Description	Drawing Suitability						Status	Project Title	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	<b>PUBLISHED</b>	<b>A1</b>	M25 Junction 28	Description	 Member of the SNC-Lavalin Group						Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0) 1372 726140 Fax: +44 (0) 1372 740055 Copyright © Atkins Limited (2021) www.atkinsglobal.com			Description	Client									Description	PUBLISHED						Project   Originator   Volume HE551519 - ATK - ENV XX - GS - GI - 000015			Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	Original Size: A3   Scale: 1:12,500   Project Ref. No.: --   Sheet: 1 of 1   Rev: C03			Description	PUBLISHED									Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date				Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date			
Description	Drawing Suitability						Status	Project Title																																																																																		
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	<b>PUBLISHED</b>	<b>A1</b>	M25 Junction 28																																																																																	
Description	 Member of the SNC-Lavalin Group						Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0) 1372 726140 Fax: +44 (0) 1372 740055 Copyright © Atkins Limited (2021) www.atkinsglobal.com																																																																																			
Description	Client																																																																																									
Description	PUBLISHED						Project   Originator   Volume HE551519 - ATK - ENV XX - GS - GI - 000015																																																																																			
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	Original Size: A3   Scale: 1:12,500   Project Ref. No.: --   Sheet: 1 of 1   Rev: C03																																																																																			
Description	PUBLISHED																																																																																									
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date																																																																																				
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date																																																																																				

© Crown copyright (2021).

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit [www.nationalarchives.gov.uk/doc/open-government-licence/](http://www.nationalarchives.gov.uk/doc/open-government-licence/)  
write to the Information Policy Team, **The National Archives, Kew, London TW9 4DU**,  
or email [psi@nationalarchives.gsi.gov.uk](mailto:psi@nationalarchives.gsi.gov.uk).

Printed on paper from well-managed forests and other controlled sources.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ  
Highways England Company Limited registered in England and Wales number 09346363