

**M54 to M6 Link Road**

**TR010054**

**8.10 Applicant Response to the  
Examining Authority's First Written  
Questions - Appendices**

Rule 8(1)(c)(ii)

Planning Act 2008

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

November 2020

Infrastructure Planning

Planning Act 2008

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

**M54 to M6 Link Road  
Development Consent Order 202[ ]**

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**8.10 Applicant Response to the Examining Authority's  
First Written Questions - Appendices**

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<b>Regulation Number</b>	Rule 8(1)(c)(ii)
<b>Planning Inspectorate Scheme Reference</b>	TR010054
<b>Application Document Reference</b>	8.10
<b>Author</b>	M54 to M6 Link Road Project Team and Highways England

<b>Version</b>	<b>Date</b>	<b>Status of Version</b>
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## WQ 1.2.4 - Appendix A: Updates to Table 5.7 of the ES

### Updates to Table 5.7: Highways England commissioned diffusion tube monitoring sites [APP-044/6.1]

Site ID	X	Y	Local Authority	Location Type	Monitored annual mean conc. NO <sub>2</sub> 2017 (µg/m <sup>3</sup> )
M6J13J15_009_0813	392794	318312	South Staffordshire	Roadside	18.9
M6J10AJ13_025_1012	392748	318084	South Staffordshire	Roadside	19.2
M6J10AJ13_021_0710	393019	318074	South Staffordshire	Roadside	20.4
M6J13J15_011_0813	392777	317919	South Staffordshire	Roadside	32.9
M6J13J15_007_0813	393502	315360	South Staffordshire	Roadside	29.7
M6J10AJ13_020_0710	393524	315330	South Staffordshire	Roadside	23.1
M6J13J15_008_0813	393420	315243	South Staffordshire	Roadside	23.5
M6J13J15_006_0813	393198	314062	South Staffordshire	Roadside	17.2
M6J10AJ13_040_1012	393197	314061	South Staffordshire	Roadside	17.9
M6J10AJ13_015_0710	393152	313988	South Staffordshire	Roadside	30.9
M6J10AJ13_014_0710	393179	313984	South Staffordshire	Roadside	32.5
M6J13J15_005_0813	393187	313973	South Staffordshire	Roadside	29.3
M6J10AJ13_013_0710	393213	313967	South Staffordshire	Roadside	28.2
M6J10AJ13_012_0710	393242	313962	South Staffordshire	Roadside	27.7
M6J10AJ13_016_0710	393326	313959	South Staffordshire	Roadside	34.8
M6J13J15_002_0813	393341	313947	South Staffordshire	Roadside	33.4
M6J10AJ13_017_0710	393347	313945	South Staffordshire	Roadside	27.7
M6J10AJ13_018_0710	393371	313941	South Staffordshire	Roadside	25.6
M6J10AJ13_019_0710	393420	313932	South Staffordshire	Roadside	21.6
M6J13J15_004_0813	393181	313870	South Staffordshire	Roadside	24.6
M6J10AJ13_011_0710	393177	313866	South Staffordshire	Roadside	24.0
M6J13J15_003_0813	393097	313038	South Staffordshire	Roadside	16.1
M6J10AJ13_026_1012	391243	310706	South Staffordshire	Roadside	20.2
M6J13J15_001_0813	392496	310309	South Staffordshire	Roadside	20.9
M6J10AJ13_009_0710	392630	310258	South Staffordshire	Roadside	24.2
M6J10AJ13_008_0710	393643	310049	South Staffordshire	Roadside	24.1
M54M6TL_017_0813	396886	309188	Cannock Chase	Roadside	22.9
M54M6TL_019_0813	394133	308814	South Staffordshire	Roadside	22.3
M6J10AJ13_007_0710	394140	308783	South Staffordshire	Roadside	18.0



Site ID	X	Y	Local Authority	Location Type	Monitored annual mean conc. NO <sub>2</sub> 2017 (µg/m <sup>3</sup> )
M54M6TL_033_0813	398011	308563	Cannock Chase	Roadside	30.8
M6J10AJ13_006_0710	394657	308500	South Staffordshire	Roadside	23.6
M54M6TL_025_0813	398169	308455	Cannock Chase	Roadside	28.1
M54M6TL_016_0813	396638	308307	South Staffordshire	Roadside	23.0
M6J10AJ13_028_1012	397610	308200	South Staffordshire	Roadside	24.2
M54M6TL_034_0813	398687	308152	South Staffordshire	Roadside	22.7
M54M6TL_015_0813	396350	307624	South Staffordshire	Roadside	22.1
M6J10AJ13_027_1012	396348	307621	South Staffordshire	Roadside	26.2
M54M6TL_028_0813	401959	307241	Cannock Chase	Roadside	21.5
M54M6TL_014_0813	397314	307114	South Staffordshire	Roadside	20.0
M54M6TL_030_0813	404575	307082	Walsall	Roadside	16.7
M54M6TL_029_0813	403333	307005	Walsall	Roadside	20.0
M54M6TL_013_0813	397218	306936	South Staffordshire	Roadside	18.5
M54M6TL_011_0813	395917	306865	South Staffordshire	Roadside	25.9
M54M6TL_012_0813	396533	306125	South Staffordshire	Roadside	23.4
M54M6TL_010_0813	394715	306103	South Staffordshire	Roadside	18.4
M54M6TL_009_0813	394733	306064	South Staffordshire	Roadside	30.7
M54M6TL_026_0813	393818	305581	South Staffordshire	Roadside	14.6
M54M6TL_002_0813	394399	305464	South Staffordshire	Roadside	32.4
M54M6TL_003_0813	394676	305432	South Staffordshire	Roadside	15.7
M54M6TL_001_0813	394224	304946	South Staffordshire	Roadside	29.7
M54M6TL_021_0813	397196	304700	South Staffordshire	Roadside	25.7
M54M6TL_007_0813	391568	304683	South Staffordshire	Roadside	25.7
M54M6TL_008_0813	391448	304679	South Staffordshire	Roadside	18.3
M54M6TL_020_0813	397030	304396	South Staffordshire	Roadside	27.7
M54M6TL_006_0813	391680	304175	Wolverhampton	Roadside	22.1
M6J10AJ13_003_0710	396555	304038	South Staffordshire	Roadside	22.1
M54M6TL_004_0813	396138	303737	South Staffordshire	Roadside	21.2
M54M6TL_005_0813	393843	303469	South Staffordshire	Roadside	17.4
M6J10AJ13_002_0710	396994	303433	South Staffordshire	Roadside	23.5
M6J10AJ13_001_0710	396957	303269	South Staffordshire	Roadside	23.4
M54M6TL_024_0813	397974	302165	South Staffordshire	Roadside	24.0

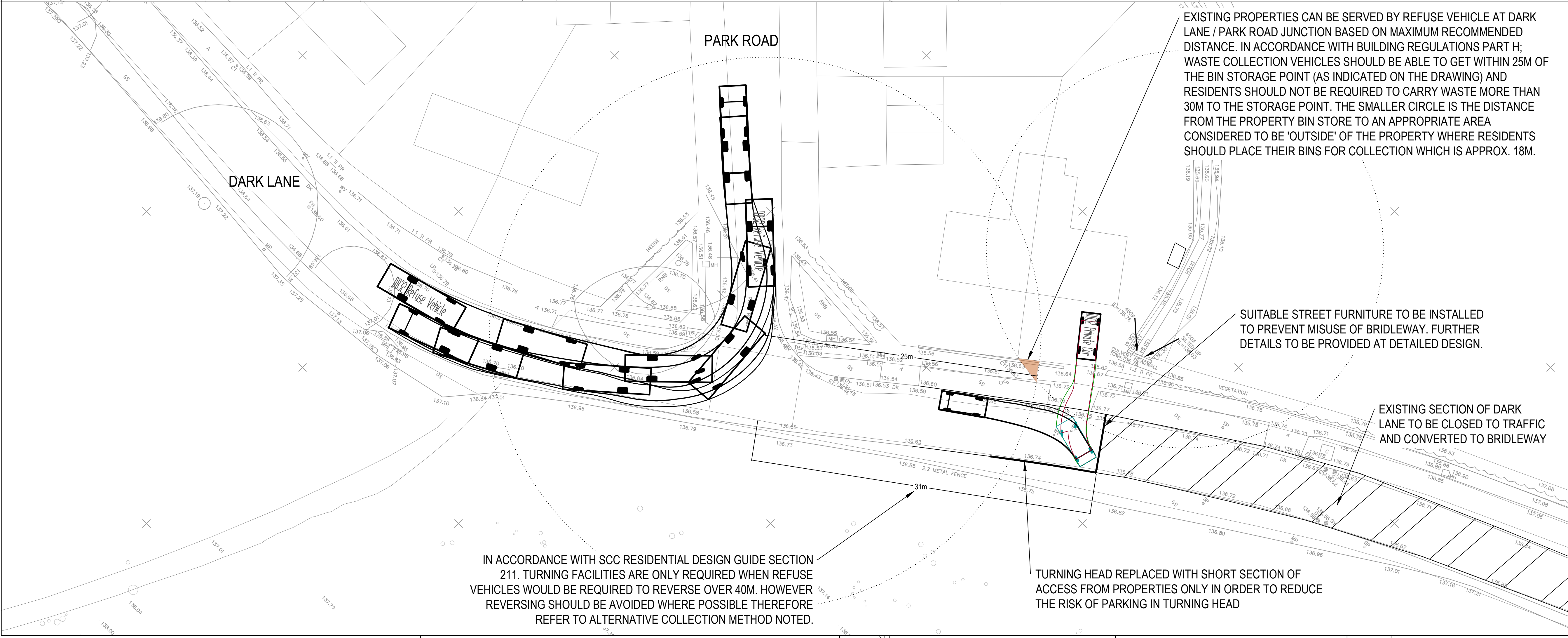
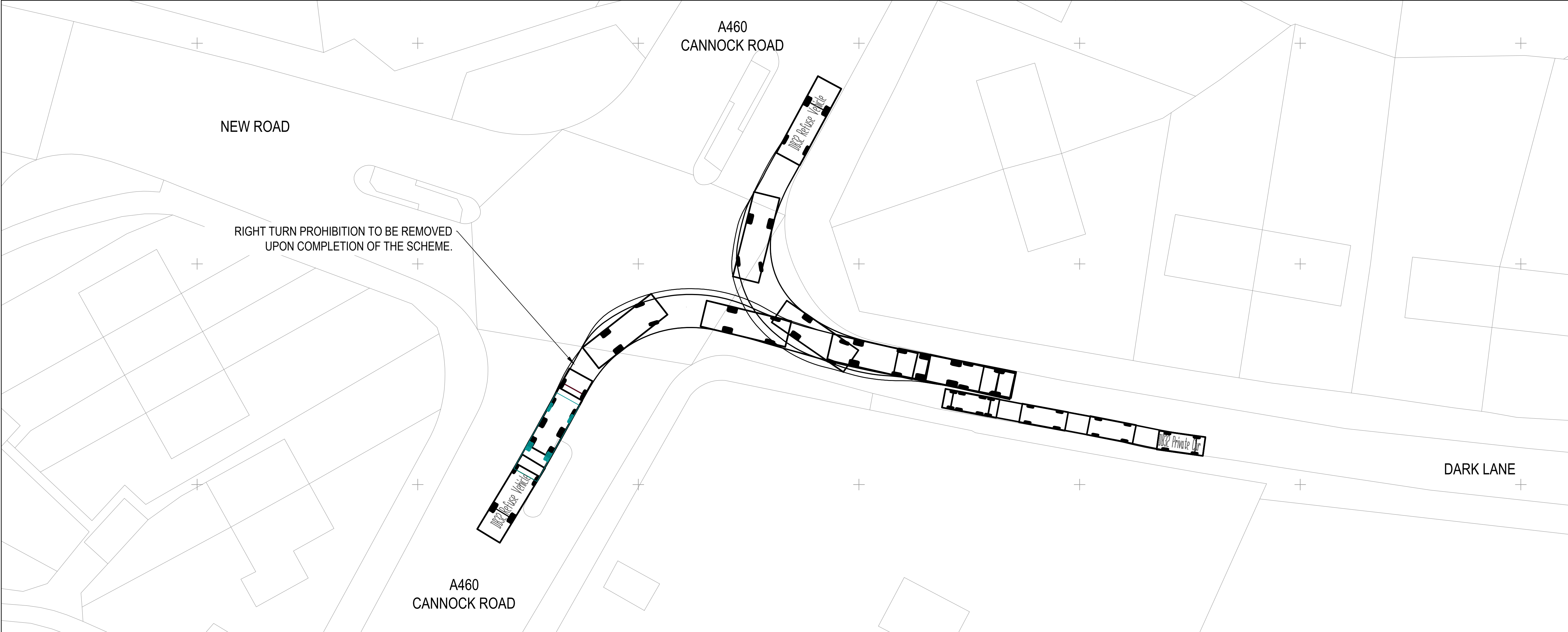
M54 to M6 Link Road

Applicant Response to the Examining Authority's First  
Written Questions - Appendices

Site ID	X	Y	Local Authority	Location Type	Monitored annual mean conc. NO <sub>2</sub> 2017 (µg/m <sup>3</sup> )
M54M6TL_023_0813	398216	301974	Walsall	Roadside	34.3
M54M6TL_022_0813	398121	301920	Walsall	Roadside	31.0
M6J10AJ13_029_1012	398503	301297	Walsall	Roadside	26.4
M6J10AJ13_031_1012	398975	300369	Walsall	Roadside	30.8
M6J10AJ13_030_1012	399040	300126	Walsall	Roadside	27.5

## **WQ 1.5.28 - Dark Lane Closure Turning Head and Refuse Vehicle Tracking Details**





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5. VEHICLE TRACKING BASED ON STANDARD REFUSE VEHICLE AND PRIVATE CAR.	

First Issue	MW	RR	16/12/19	P01
Minor Changes to Notes	JP	RR	03/11/20	P02
Revision Details	By	Check	Date	Suffix

Purpose of issue  
**SUITABLE FOR INFORMATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
Birmingham  
B4 6BN



Project Title  
**M54 to M6 Link Road**

Drawing Title  
**DARK LANE CLOSURE  
TURNING HEAD AND  
REFUSE VEHICLE  
TRACKING DETAILS**

Designed MW	Drawn JP	Checked AM	Approved RR	Date 03/11/20
Internal Project No. 60536736		Suitability S2		
Scale @ A1 NTSH/NTSV		Zone Side Roads Geometric Layout		

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M54_ZZ_ZZ_Z	-DR-CH-1001		
Location	1 Type	1 Role	1 Number

## **WQ 1.6.15 - Figure 1 to 3: Summer Views from Hilton Hall**



EXISTING VIEW




VIEW SHOWING THE LOCATION OF THE PROPOSED SCHEME AS A REDLINE MODEL

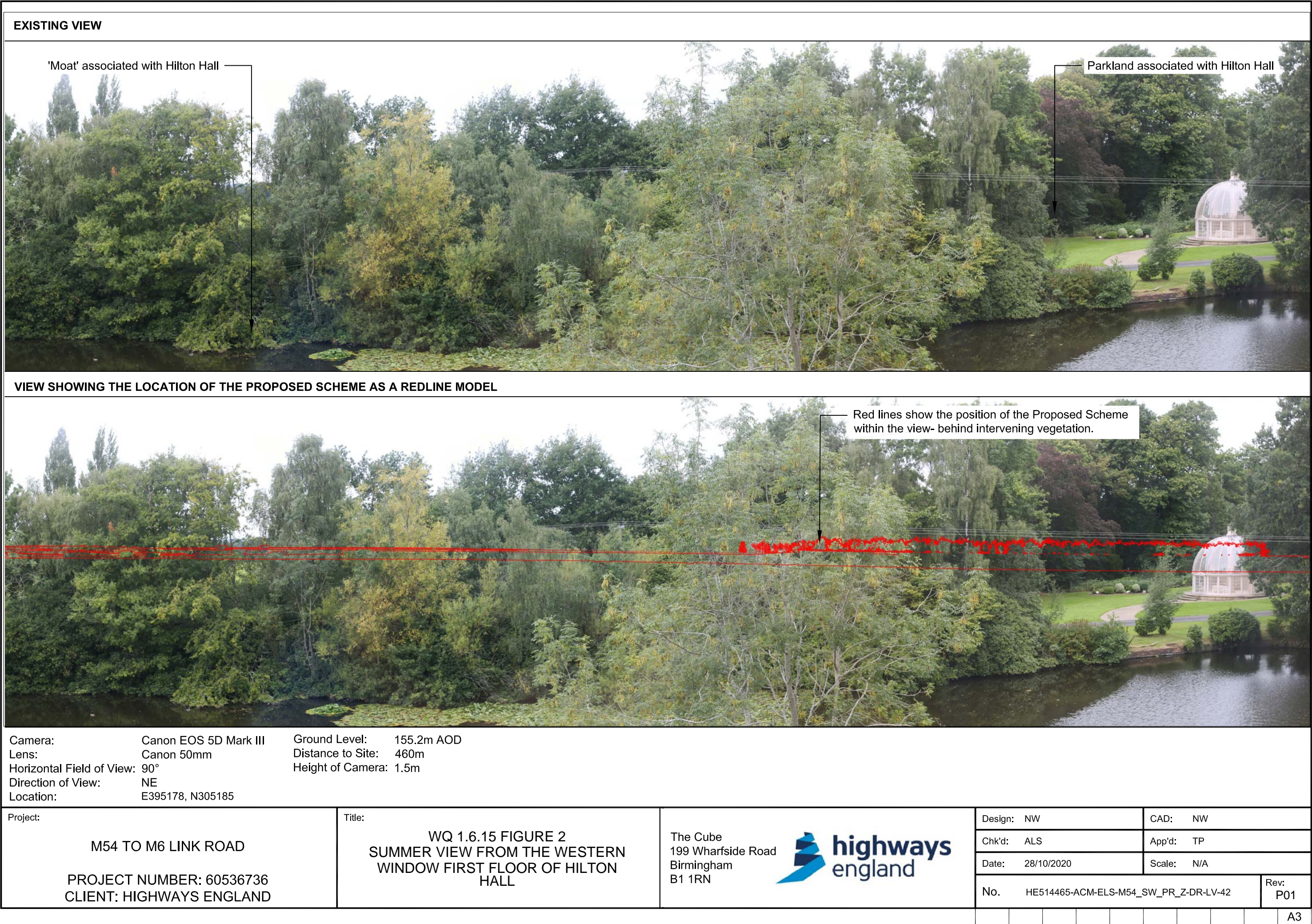


Camera: Canon EOS 5D Mark III  
Lens: Canon 50mm  
Horizontal Field of View: 90°  
Direction of View: NE  
Location: E395182, N305185

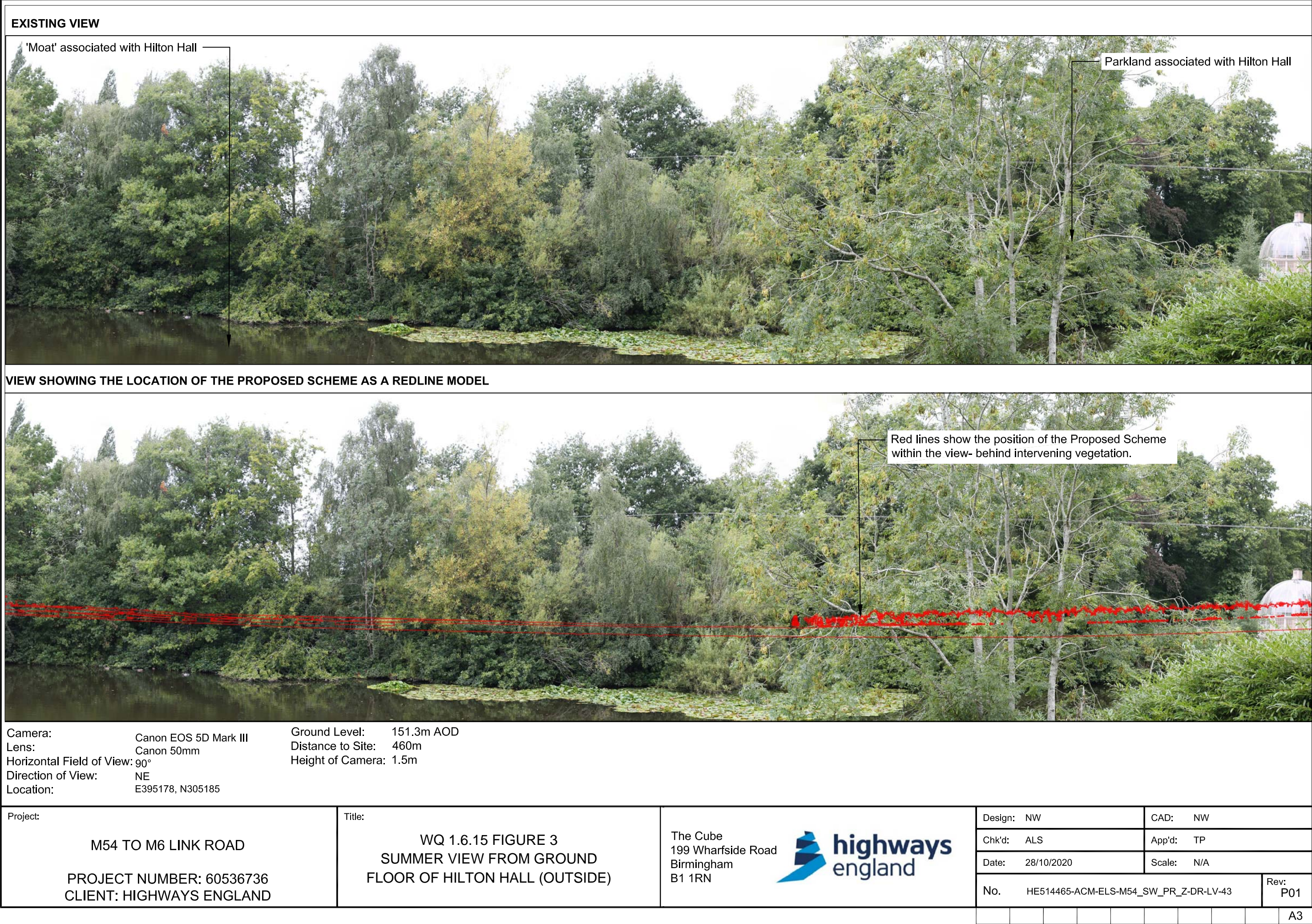
Ground Level: 159.6m AOD  
Distance to Site: 460m  
Height of Camera: 1.5m

Project:  M54 TO M6 LINK ROAD  PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND	Title:  WQ 1.6.15 FIGURE 1 SUMMER VIEW FROM SECOND FLOOR OF HILTON HALL	The Cube 199 Wharfside Road Birmingham B1 1RN			Design: NW	CAD: NW
					Chk'd: ALS	App'd: TP
					Date: 28/10/2020	Scale: N/A
						No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-41



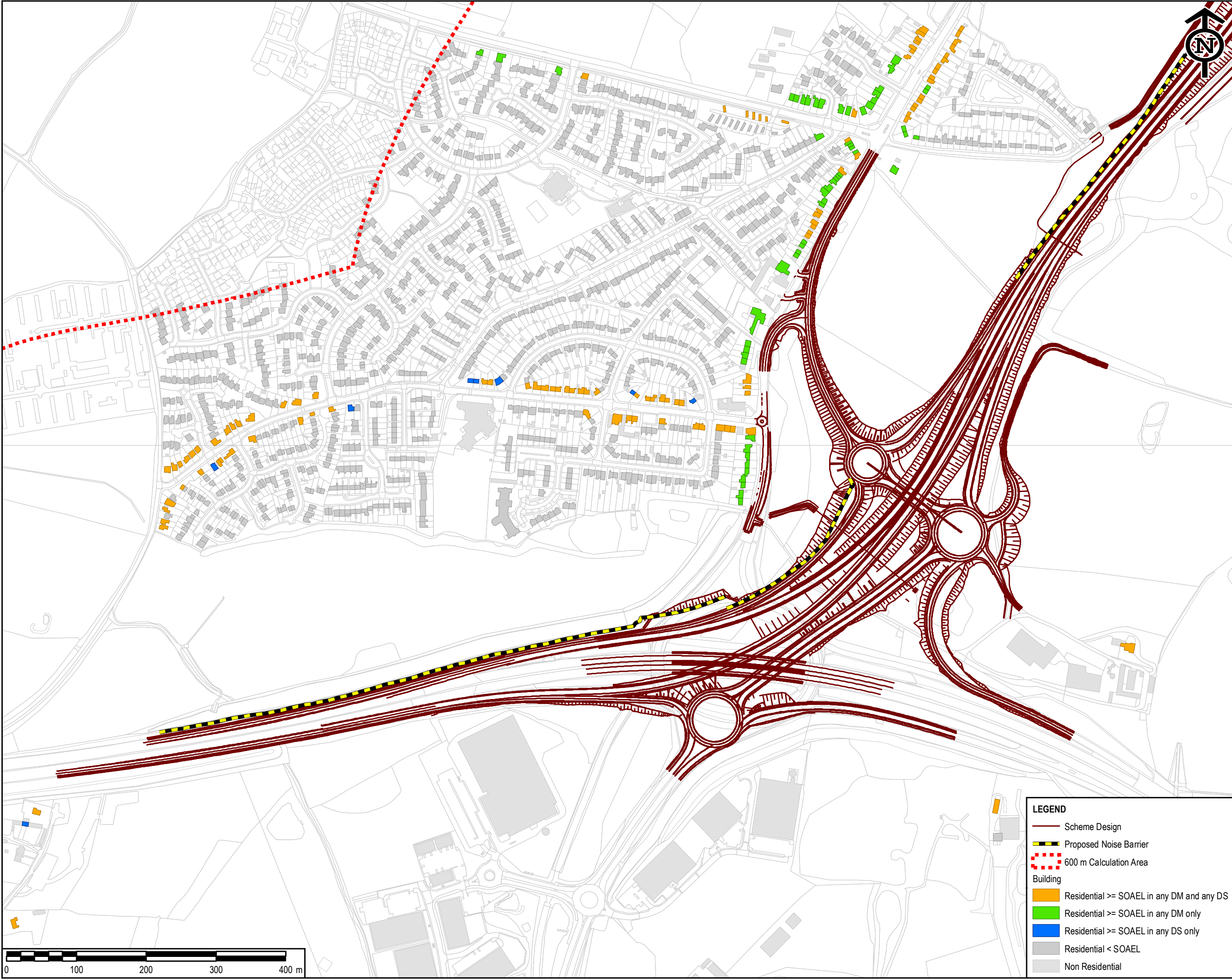








## **WQ 1.8.23 - Figures 1A, 1B and 1C: Residential Buildings Above/ Below the SOAEL Based on the Noise and Vibration Chapter (V3)**



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First Issue	LC	AR	27/10/2020	P01
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Purpose of issue  
DCO APPLICATION

Client  
Highways England  
The Cube  
199 Wharfedale Street  
Birmingham  
B1 1RN

Working on behalf of

Development Consent Order Number  
TR010054

Project Title  
M54 TO M6 LINK ROAD

Drawing Title  
WQ1.8.23 FIGURE 1A  
RESIDENTIAL BUILDINGS  
ABOVE / BELOW SOAEL BASED  
ON THE NOISE AND VIBRATION  
CHAPTER (V3) [AS-085/6.1]

Designed LC	Drawn LC	Checked AR	Approved AP	Date 27/10/2020
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Internal Project No.  
60536736

Suitability  
S8

Scale @ A3  
1:5,000

Zone  
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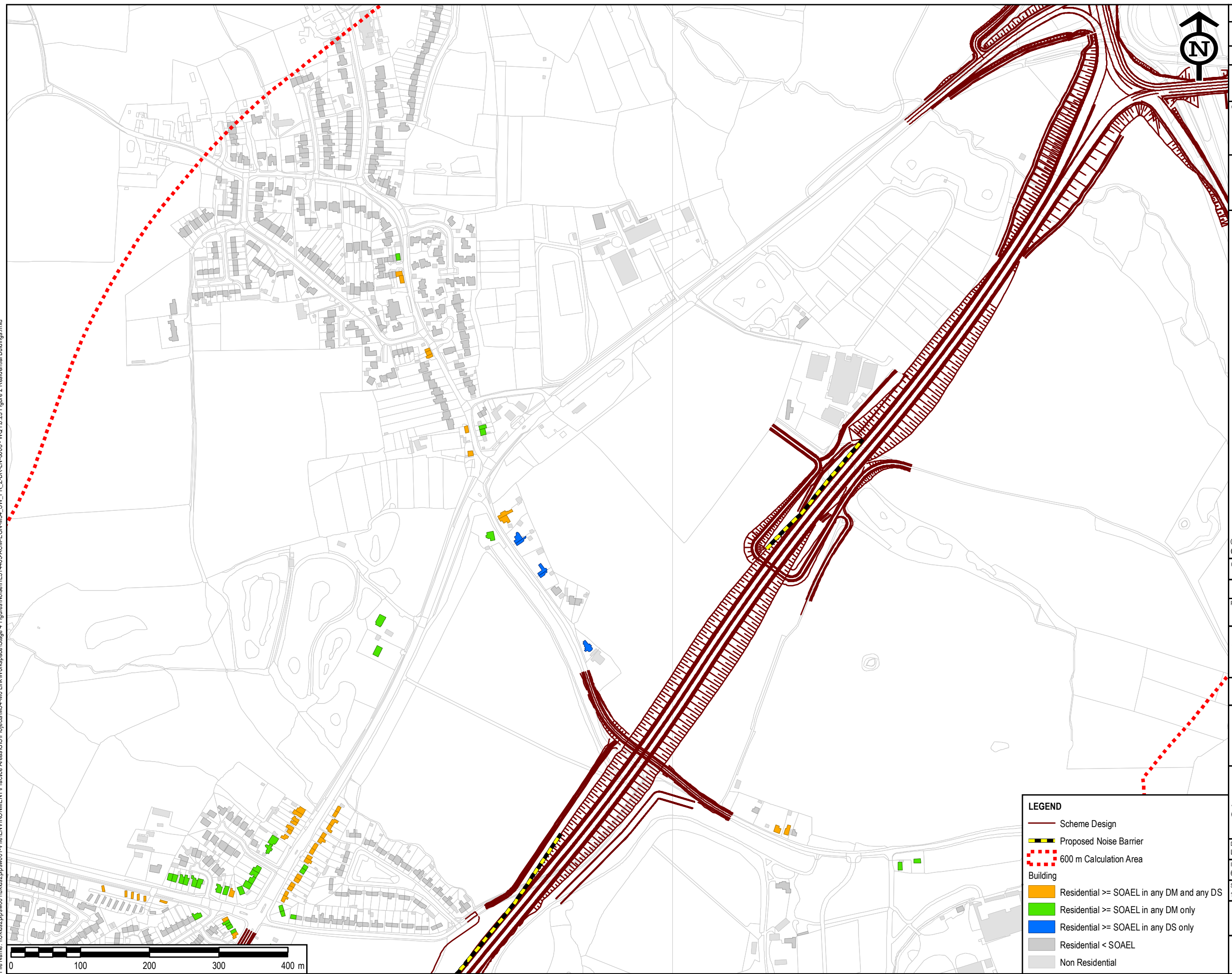
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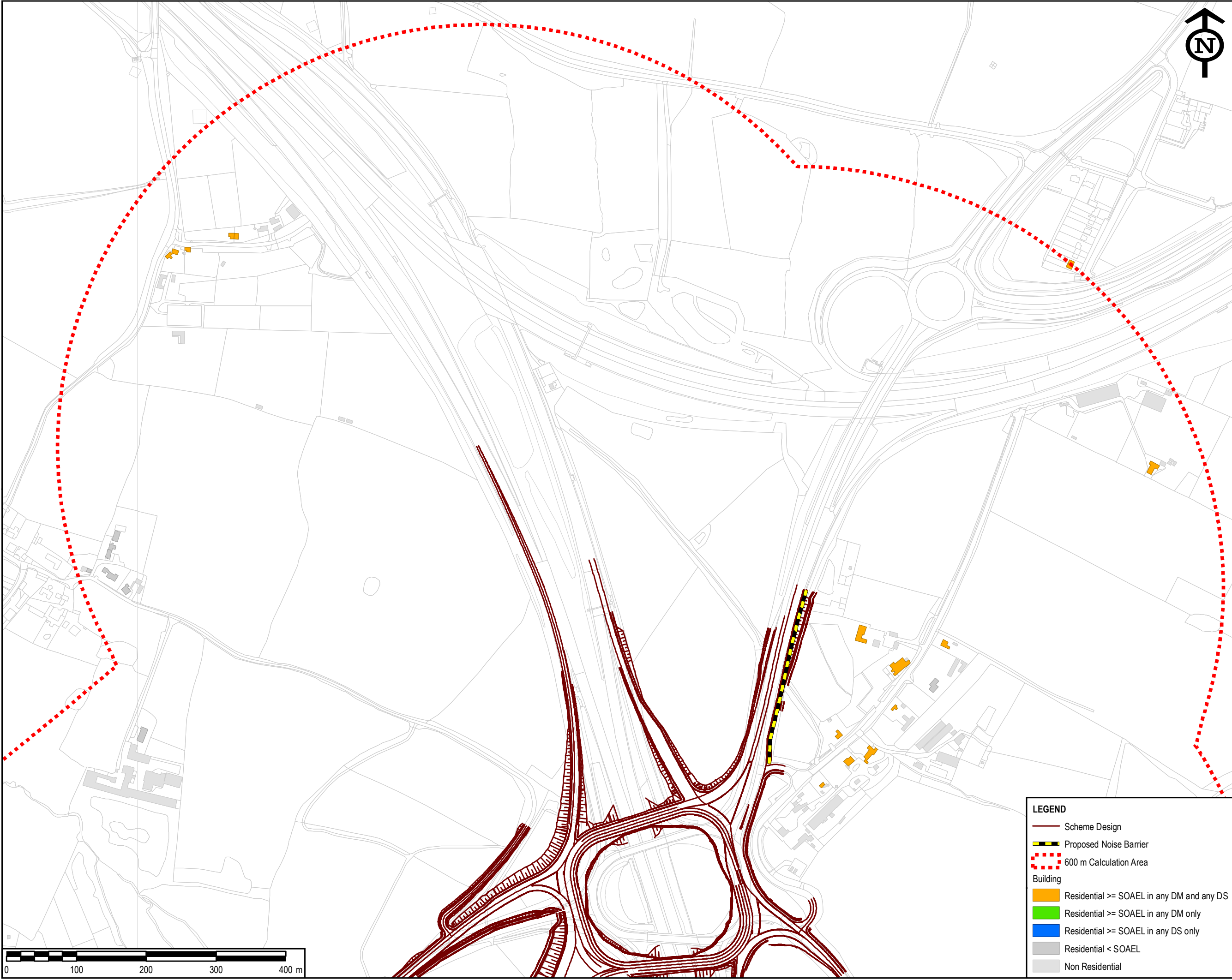
Location | Type | Role | Number

Plot Date: 27 October 2020, 12:00:44  
File Name: \\UKAS\pfs\w001\ukasz\pfs\w001\ie\ENVIRONMENT\Practice Areas\GIS\Projects\M54+M6 Link\Workspace\Stage 4 Figures\Noise\HE514465-ACM-EGN-M54\_SW\_PR\_Z-DR-LN-0008 - WQ1.8.23 Figure 2 Residential Buildings.mxd





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Development Consent Order Number				
TR010054				
Project Title				
M54 TO M6 LINK ROAD				
Drawing Title				
WQ1.8.23 FIGURE 1B RESIDENTIAL BUILDINGS ABOVE / BELOW SOAEL BASED ON THE NOISE AND VIBRATION CHAPTER (V3) [AS-085/6.1]				
Designed LC	Drawn LC	Checked AR	Approved AP	Date 27/10/2020
Internal Project No. 00536736		Suitability S8		
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Birmingham  
B1 1RN

Working on behalf of

Development Consent Order Number  
TR010054

Project Title  
M54 TO M6 LINK ROAD

Drawing Title  
WQ1.8.23 FIGURE 1C  
RESIDENTIAL BUILDINGS  
ABOVE / BELOW SOAEL BASED  
ON THE NOISE AND VIBRATION  
CHAPTER (V3) [AS-085/6.1]

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Rev  
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Plot Date: 27 October 2020, 12:00:44  
File Name: \\UKS2pfpsw001\ukhs2pfpsw001\ukhs2pfpsw001\1\env\ENVIRONMENT\Practice Areas\GIS\Projects\M54+M6 Link\Workspace\Stage 4 Figures\Noise\HE514465-ACM-EGN-M54\_SW\_PR\_Z-DR-LN-0008 - WQ1.8.23 Figure 2 Residential Buildings.mxd

## **WQ 1.9.4 - Figure 1: Former Underground Workings Associated with Hilton Main Colliery**



