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- LEGEND**
- Draft DCO site boundary
 - Proposed scheme
 - Proposed retained woodland
 - LE2.1 Proposed woodland
 - LE4.2 Proposed native species hedge
 - LE1.3 Proposed species rich grassland
 - LE1.1 Proposed amenity grass
 - Possible location of false cutting
 - Existing watercourses / ponds
 - Potential area for ecology pond
 - Proposed drainage ponds
 - Potential area for flood alleviation
 - Potential site compound location
 - Potential noise barrier / bund

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 DRAWING TO ACCOMMODATION BRIDGE SOUTH OF PARK LANE

Revision	By	Check	Date

FOR INFORMATION

Client: Highways England
 Working on behalf of: **highways england**
 100, Riverside Street, Birmingham, B1 1RN
 Project Title: M54 to M6 Link Road

M54 TO M6 LINK ROAD

FIGURE 2.2
 DRAFT ENVIRONMENTAL
 MASTERPLAN

Drawn	Checked	Approved	Date
LB	NA	NW	07/05/2019

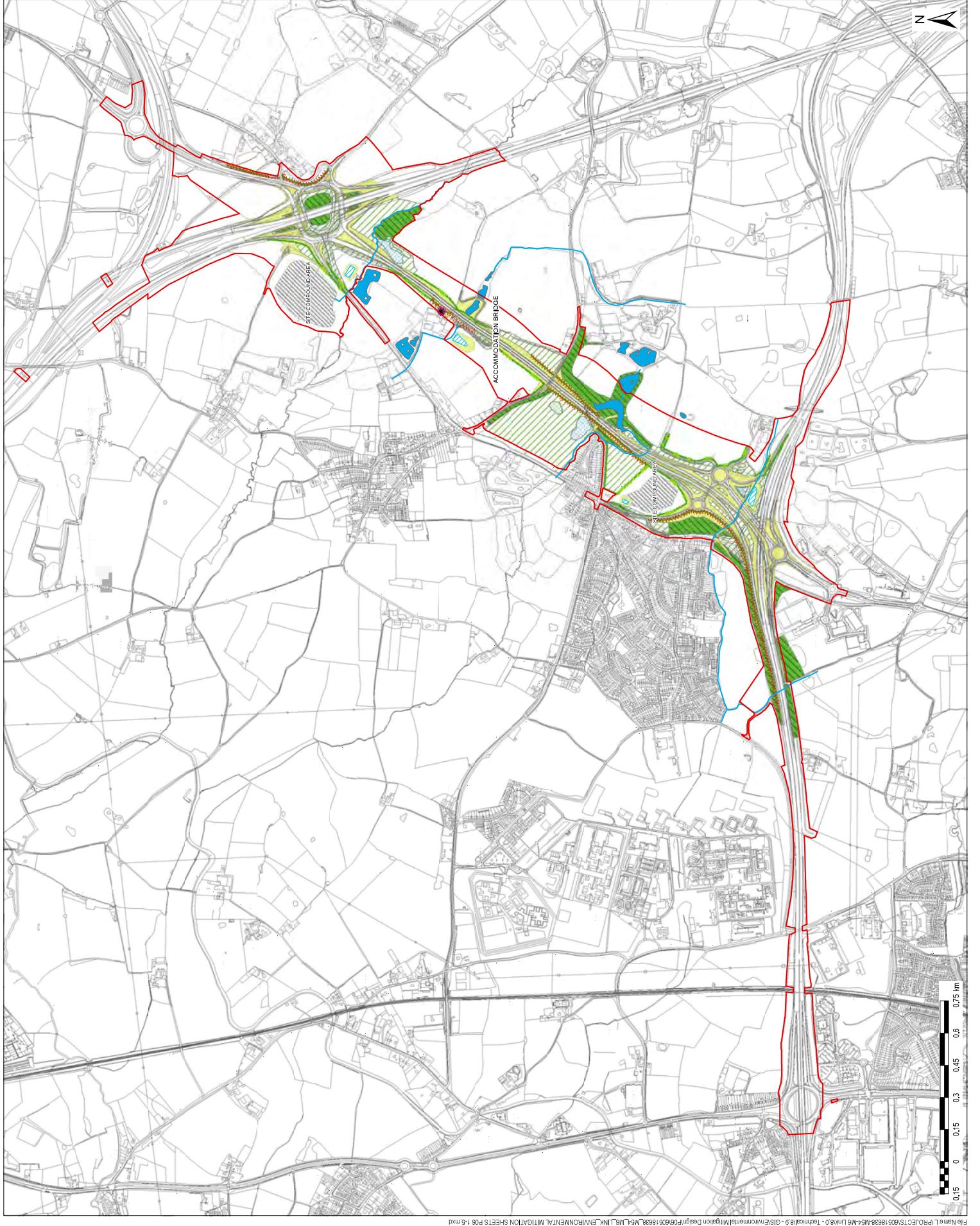
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AECOM
 11th Floor, One Canada Square, Canary Wharf, London, E14 4AG
 Registered Office: Southwark, London, SE16 2BQ
 Tel: +44 (0)20 7823 4000
 www.aecom.com

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Client: Highways England
 Working on behalf of: highways england
 100 Marklands Street
 Birmingham
 B11 1RN

Project Title: M54 TO M6 LINK ROAD

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Drawn	DM	FL	HM	Date	10/04/2019
Checked	DM	FL	HM	Date	10/04/2019
Approved	DM	FL	HM	Date	10/04/2019
Internal Project No.	66338736				
Scale @ A3	1:20,000				
Zone	M54 to M6 (old) Link Road				

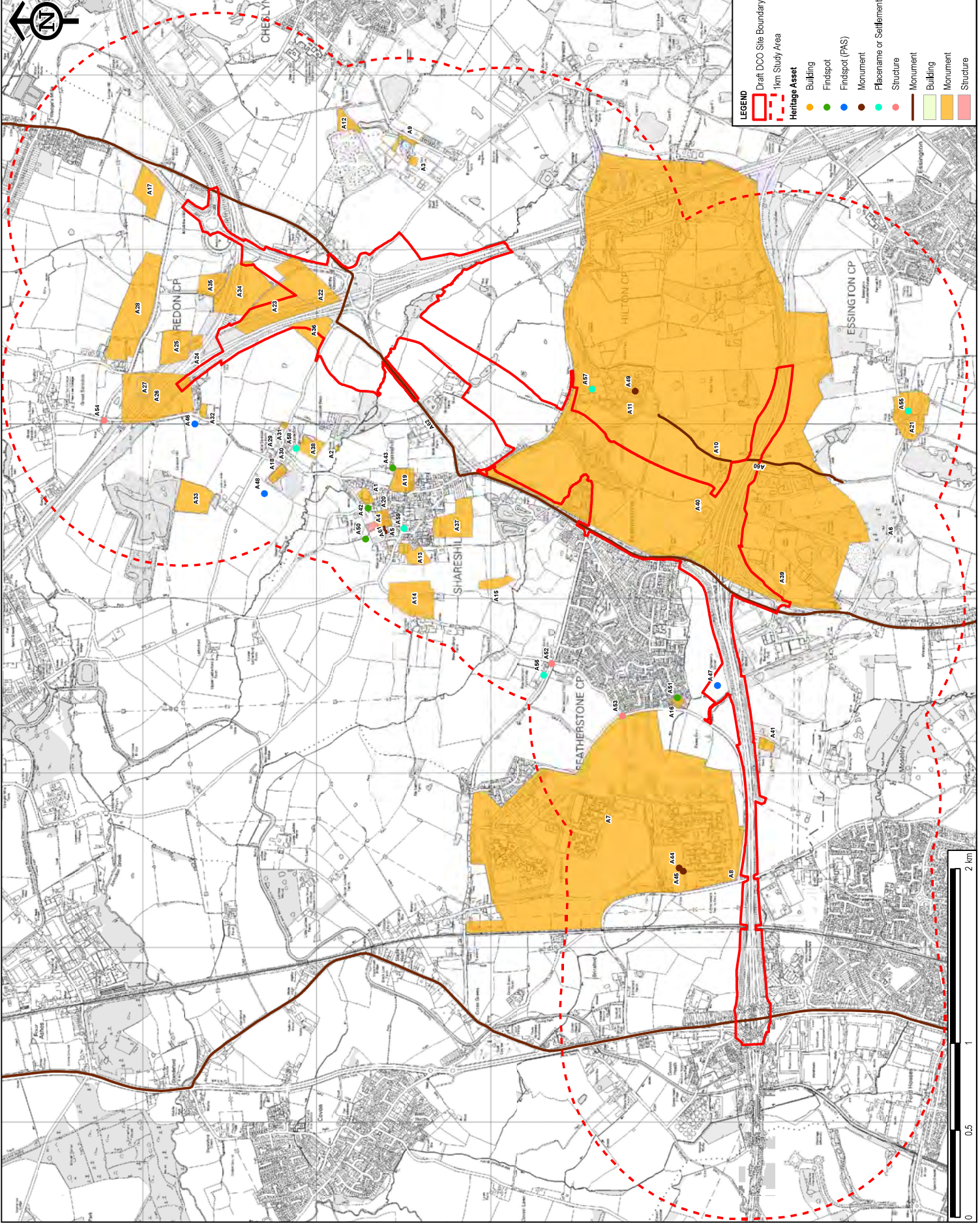
FIGURE 6.1
KNOWN HERITAGE ASSETS

LEGEND

- Draft DCO Site Boundary (Red dashed line)
- 1km Study Area (Red dashed line)
- Heritage Asset**
 - Building (Yellow)
 - Finnsport (Green)
 - Findspot (PAS) (Blue)
 - Monument (Brown)
 - Place-name or Settlement (Pink)
 - Structure (Red)
- Monument**
 - Monument (Brown)
 - Building (Yellow)
 - Monument (Brown)
 - Structure (Red)

AECOM
 11th Floor, 110 Abchurch Lane, London EC4N 3DF, UK
 Tel: +44 (0)20 7323 2000
 Fax: +44 (0)20 7323 2001
 Email: info@aecom.com
 Website: www.aecom.com

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Author	DM	3/24/21	P01
Checked	FL	3/24/21	
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100 Marklands Street
Birmingham
B1 1RN

Project Title: M54-M6 LINK ROAD

Project Title: M54-M6 LINK ROAD

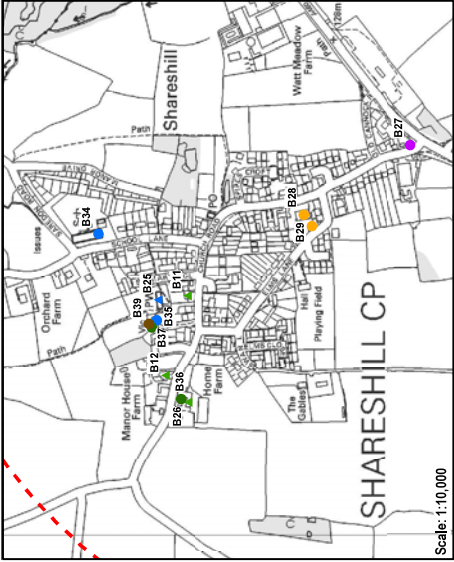
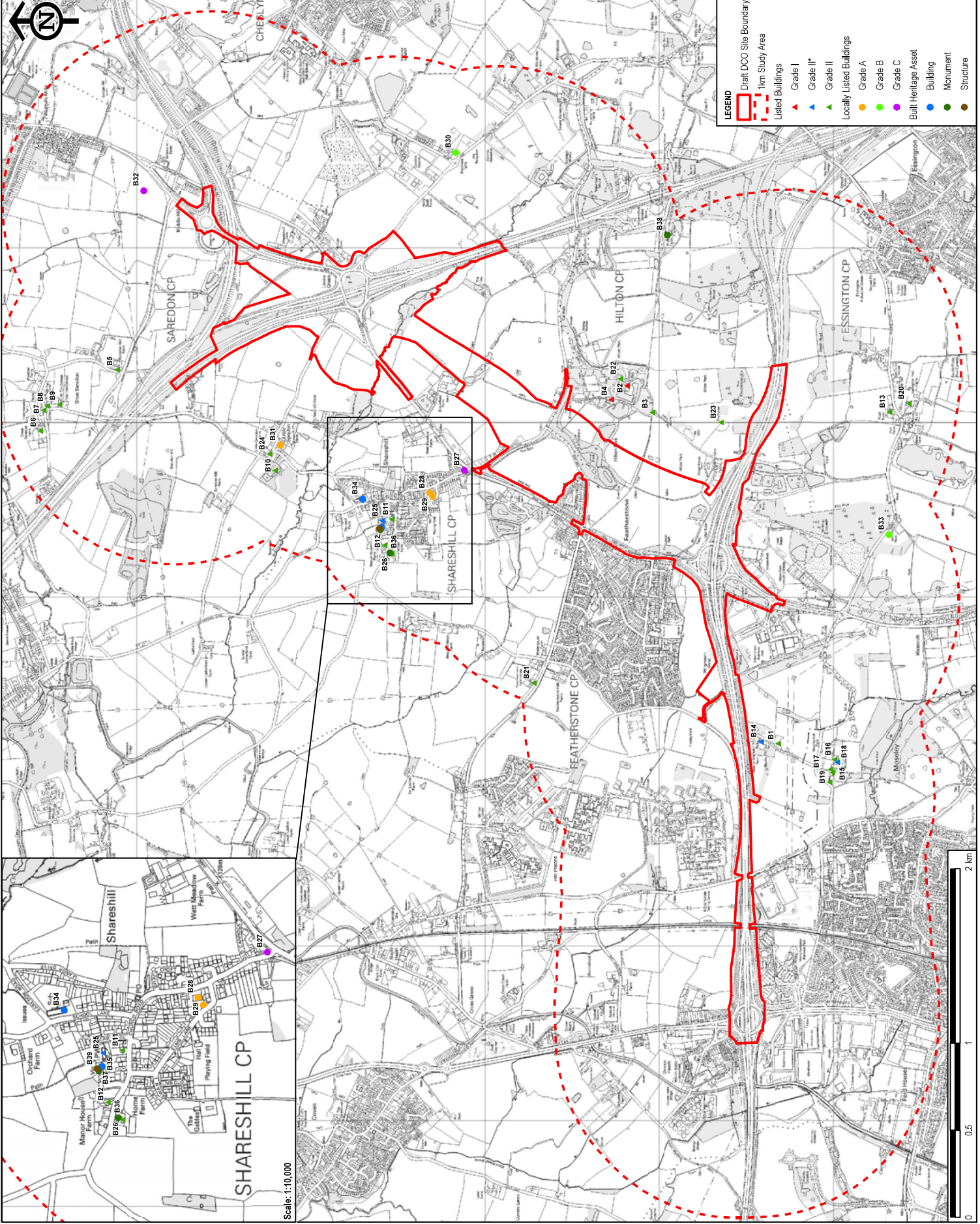
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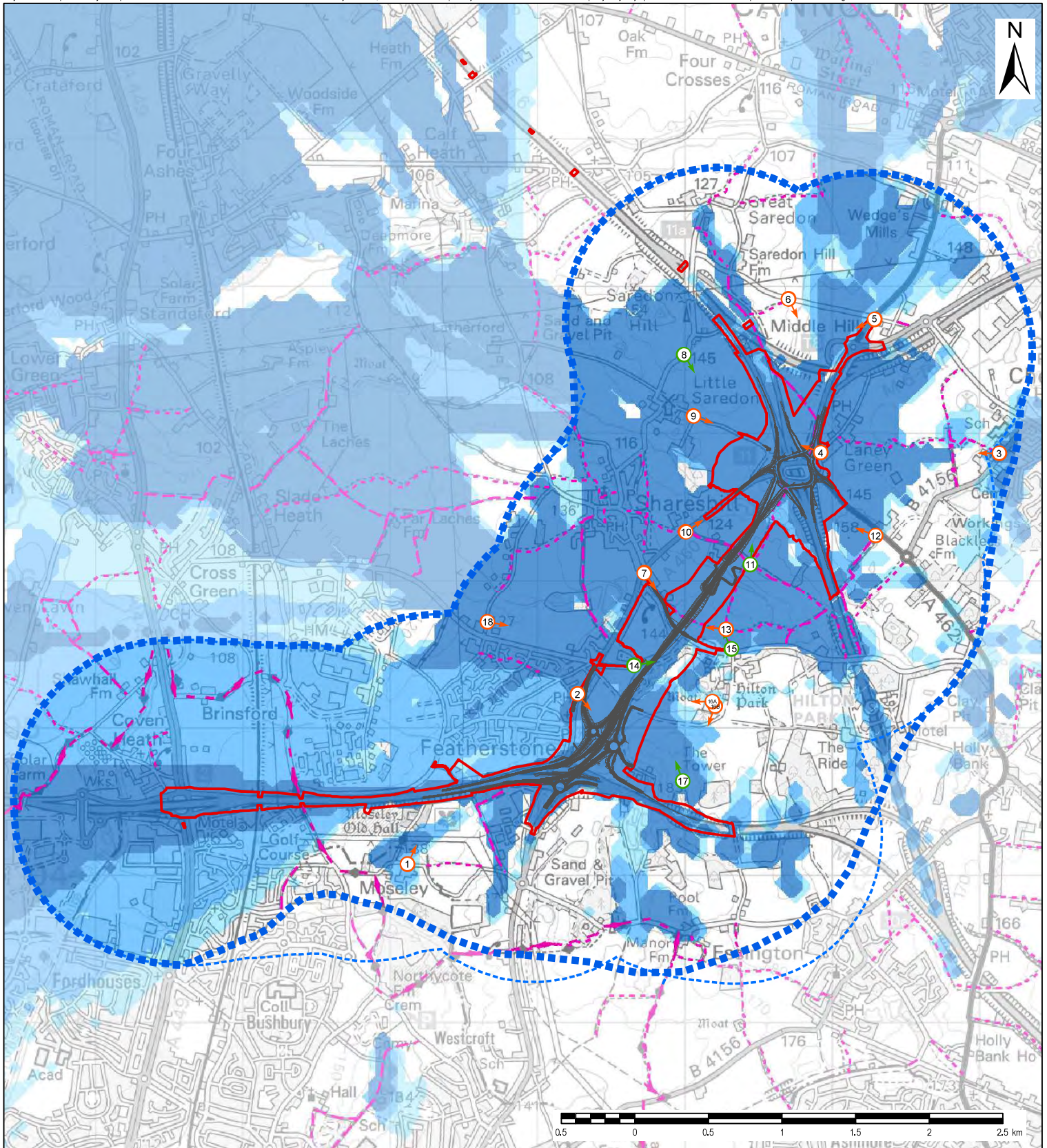
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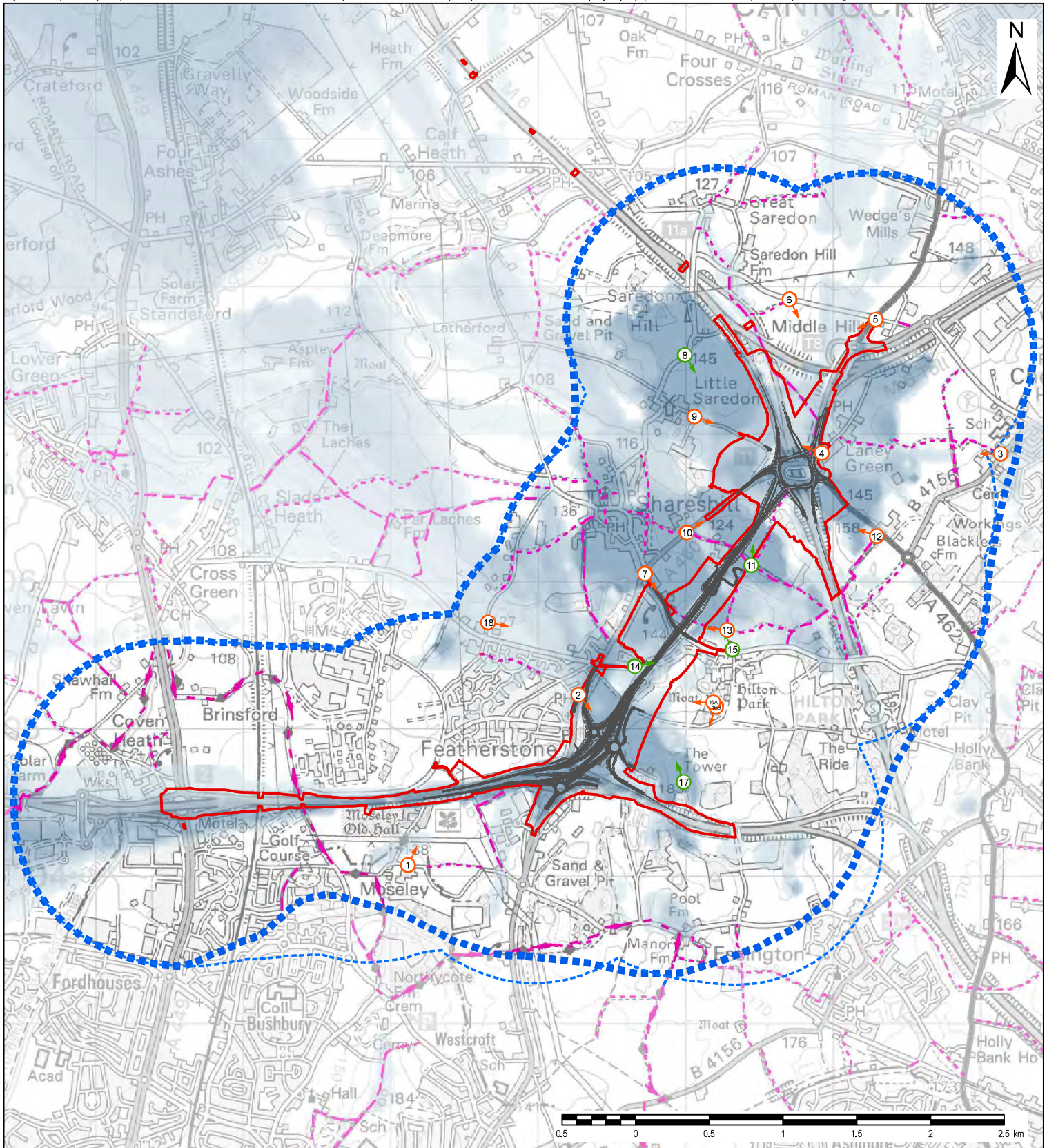
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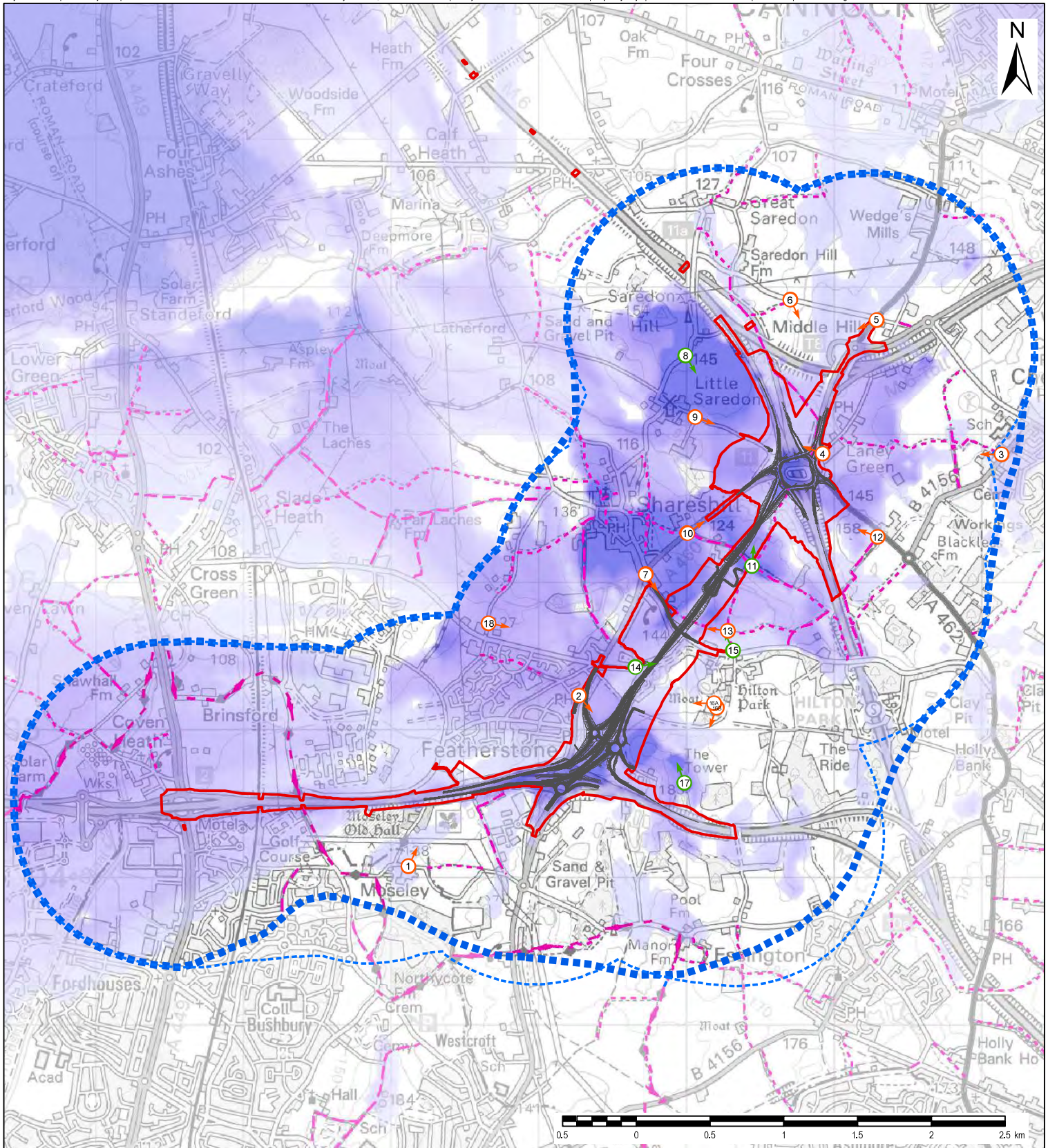
LEGEND — Proposed scheme — Draft DCO site boundary [Blue dashed line] Study Area [Blue dashed line] 1km buffer from site boundary [Orange circle] Viewpoint photo only [Green circle] Viewpoint photo and Verified Visual Montage (VVM)		Zone of Theoretical Visibility (HGVs, cars and highway surface visible) [White box] Not visible [Grey box] HGVs, cars and highway surface potentially visible Zone of Theoretical Visibility (HGVs and cars visible) [White box] Not visible [Light blue box] HGVs and cars potentially visible		Zone of Theoretical Visibility (HGVs only visible) [White box] Not visible [Light blue box] HGVs only potentially visible Public Rights of Way [Dashed pink line] Footpath [Dashed magenta line] Bridleway [Dashed magenta line] Byway Open to All Traffic [Pink line] Monarch's Way long distance footpath		Project Number: 60536736 Suitability: S2 Zone: M54 TO M6 LINK ROAD Rev: P04	
Copyright: © Crown Copyright. All rights reserved 2019. Licence no. 0100031673 ZTV is based on points located along the highway surface, as well as points 1.5m above the highway surface to represent cars and points 4.5m above the highway surface to represent HGVs. An indicative 10.0m height has been allocated to vegetation. The ZTV is based on a viewer height of 1.7m with the theoretical viewer located at 25m centres throughout the study area.		Client: highways england Project: M54 TO M6 LINK ROAD		Title: FIGURE 7.1 - ALL ZONES OF THEORETICAL VISIBILITY WITH VIEWPOINT LOCATIONS		 Royal Court Basildon Essex S41 7SL Tel: +44 (0)12 4620 9231 Fax: +44 (0)12 4620 9229 www.aecom.com	
Drawn: RW App'd: TP Scale at A3: 1:25,000 Drawing No: HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-001		Chk'd: NW Date: 09/05/2019					



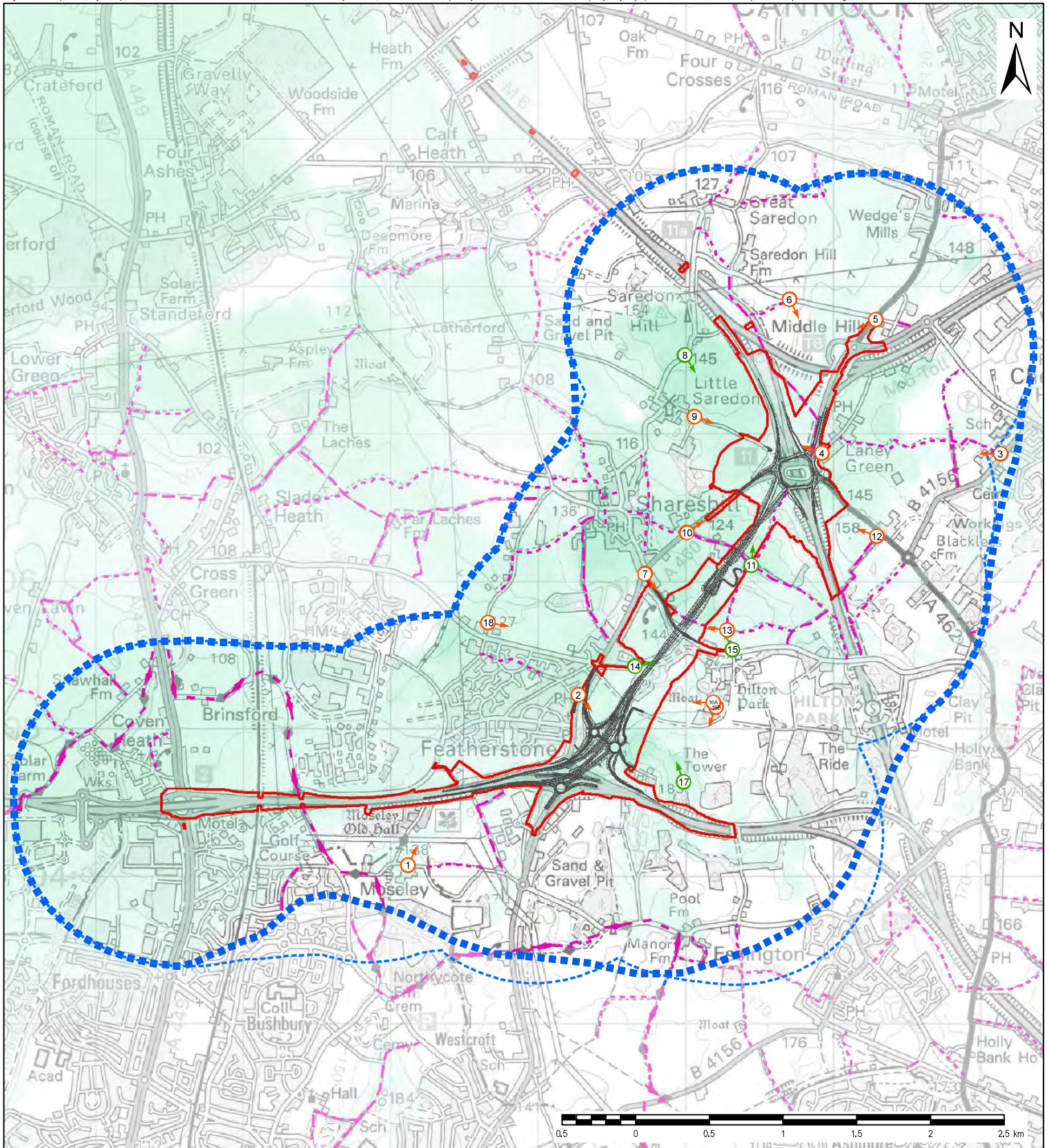
LEGEND		Zone of Theoretical Visibility (HGVs, cars and highway surface visible)		Public Rights of Way		Project Information	
	Proposed scheme		Higher visibility		Footpath	Project Number:	60536736
	Draft DCO site boundary		Lower visibility		Bridleway	Suitability:	S2
	Study Area				Byway Open to All Traffic	Zone:	M54 TO M6 LINK ROAD
	1km buffer from site boundary				Monarch's Way long distance footpath	Rev:	P04
	Viewpoint photo only					Drawn:	RW
	Viewpoint photo and Verified Visual Montage (VVM)					Chk'd:	NW
<p>Client: </p> <p>Project: M54 TO M6 LINK ROAD</p>		<p>Title: FIGURE 7.1A - HIGHWAY SURFACE ZONE OF THEORETICAL VISIBILITY WITH VIEWPOINT LOCATIONS</p>		<p>AECOM</p> <p>Royal Court Bass Close Chesterfield S41 7SL Tel: +44 (0)12 4620 9221 Fax: +44 (0)12 4620 9229 www.aecom.com</p>		<p>App'd: TP</p> <p>Date: 09/05/2019</p> <p>Scale at A3: 1:25,000</p> <p>Drawing No: HE514465-ACM-ELS-M54_SW_PR_Z-DR-V-0008</p>	

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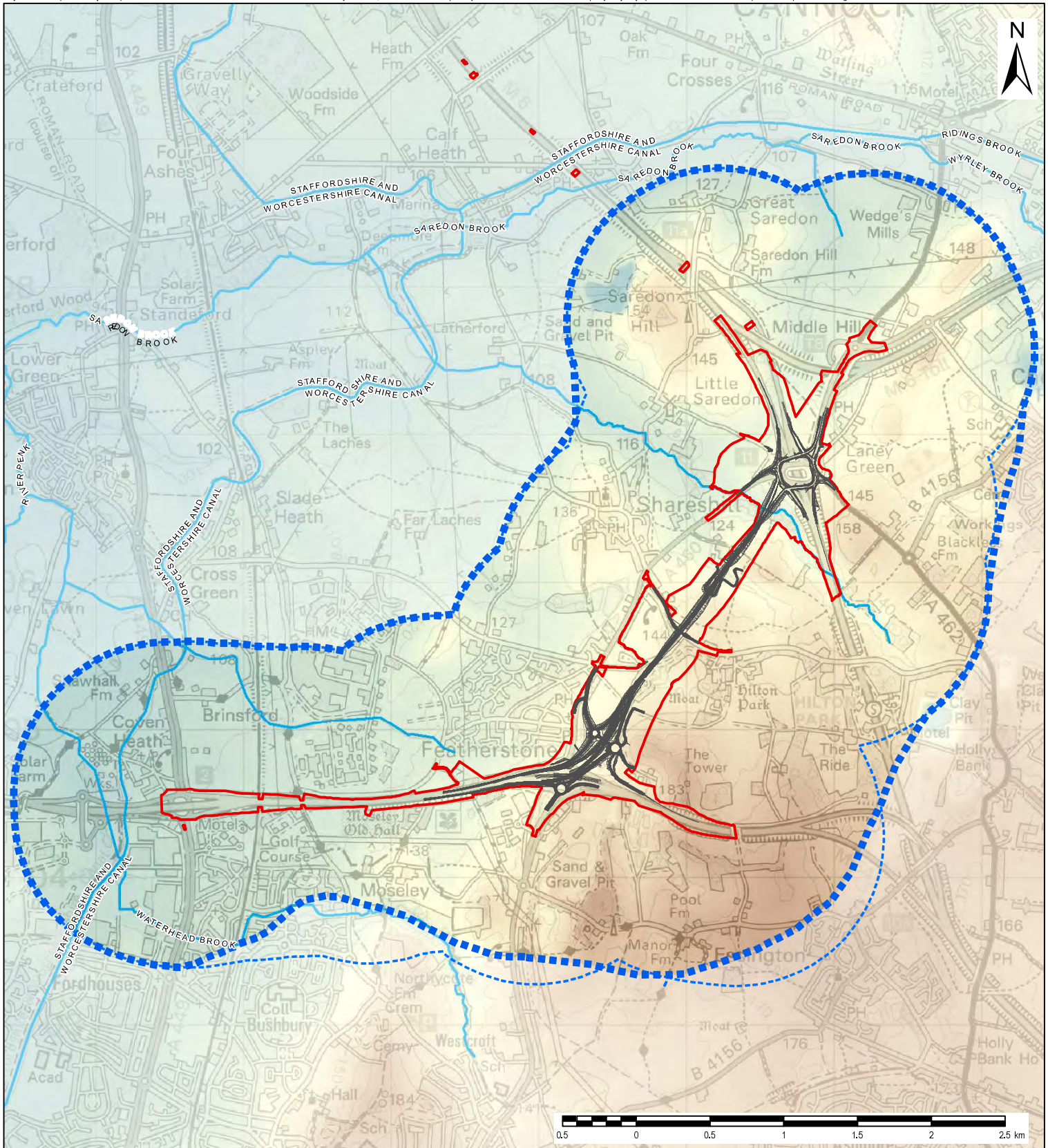
ZTV is based on points located along the highway surface. An indicative 10.0m height has been allocated to vegetation. The ZTV is based on a viewer height of 1.7m with the theoretical viewer located at 25m centres throughout the study area.



LEGEND Proposed scheme Draft DCO site boundary Study Area 1km buffer from site boundary Viewpoint photo only Viewpoint photo and Verified Visual Montage (VVM)		Zone of Theoretical Visibility (HGVs and cars visible) Higher visibility Lower visibility		Public Rights of Way Footpath Bridleway Byway Open to All Traffic Monarch's Way long distance footpath		Project Number: 60536736 Suitability: S2 Zone: M54 TO M6 LINK ROAD Rev: P04			
Copyright: © Crown Copyright. All rights reserved 2019. Licence no. 0100031673 ZTV is based on points located 1.5m above the highway surface to represent cars. An indicative 10.0m height has been allocated to vegetation. The ZTV is based on a viewer height of 1.7m with the theoretical viewer located at 25m centres throughout the study area.		Client: highways england Project: M54 TO M6 LINK ROAD		Title: FIGURE 7.1B - CAR ZONE OF THEORETICAL VISIBILITY WITH VIEWPOINT LOCATIONS		 Royal Court Basildon Essex S41 7SL Tel: +44 (0)12 4620 9221 Fax: +44 (0)12 4620 9229 www.aecom.com		Drawn: RW Chk'd: NW App'd: TP Date: 09/05/2019 Scale at A3: 1:25,000 Drawing No: HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0009	



LEGEND — Proposed scheme — Draft DCO site boundary [Blue dashed box] Study Area [Blue dashed line] 1km buffer from site boundary [Orange circle with arrow] Viewpoint photo only [Green circle with arrow] Viewpoint photo and Verified Visual Montage (VVM)		Zone of Theoretical Visibility (HGVs only visible) [Light green] Higher visibility [Light blue] Lower visibility		Public Rights of Way [Dashed pink line] Footpath [Dashed magenta line] Bridleway [Dashed pink line] Byway Open to All [Pink line with arrow] Monarch's Way long distance footpath	
Copyright: © Crown Copyright. All rights reserved 2019. Licence no. 0100031673 ZTV is based on points located 4.5m above the highway surface to represent HGVs. An indicative 10.0m height has been allocated to vegetation. The ZTV is based on a viewer height of 1.7m with the theoretical viewer located at 25m centres throughout the study area.		Client: 		Title: FIGURE 7.1C - HGVS ZONE OF THEORETICAL VISIBILITY WITH VIEWPOINT LOCATIONS	
Project: M54 TO M6 LINK ROAD				Project Number: 60536736 Suitability: S2 Zone: M54 TO M6 LINK ROAD Rev: P04 Drawn: RW Chk'd: NW App'd: TP Date: 09/05/2019 Scale at A3: 1:25,000 Drawing No: HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0010	
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LEGEND

- Proposed scheme
- Draft DCO site boundary
- ▭ Study Area
- ▭ 1km buffer from site boundary
- Watercourse

Topography

- Higher ground (up to 196m AOD)
- Lower ground (down to 79m AOD)

Project Number:	60536736
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Zone:	M54 TO M6 LINK ROAD
Rev:	P04

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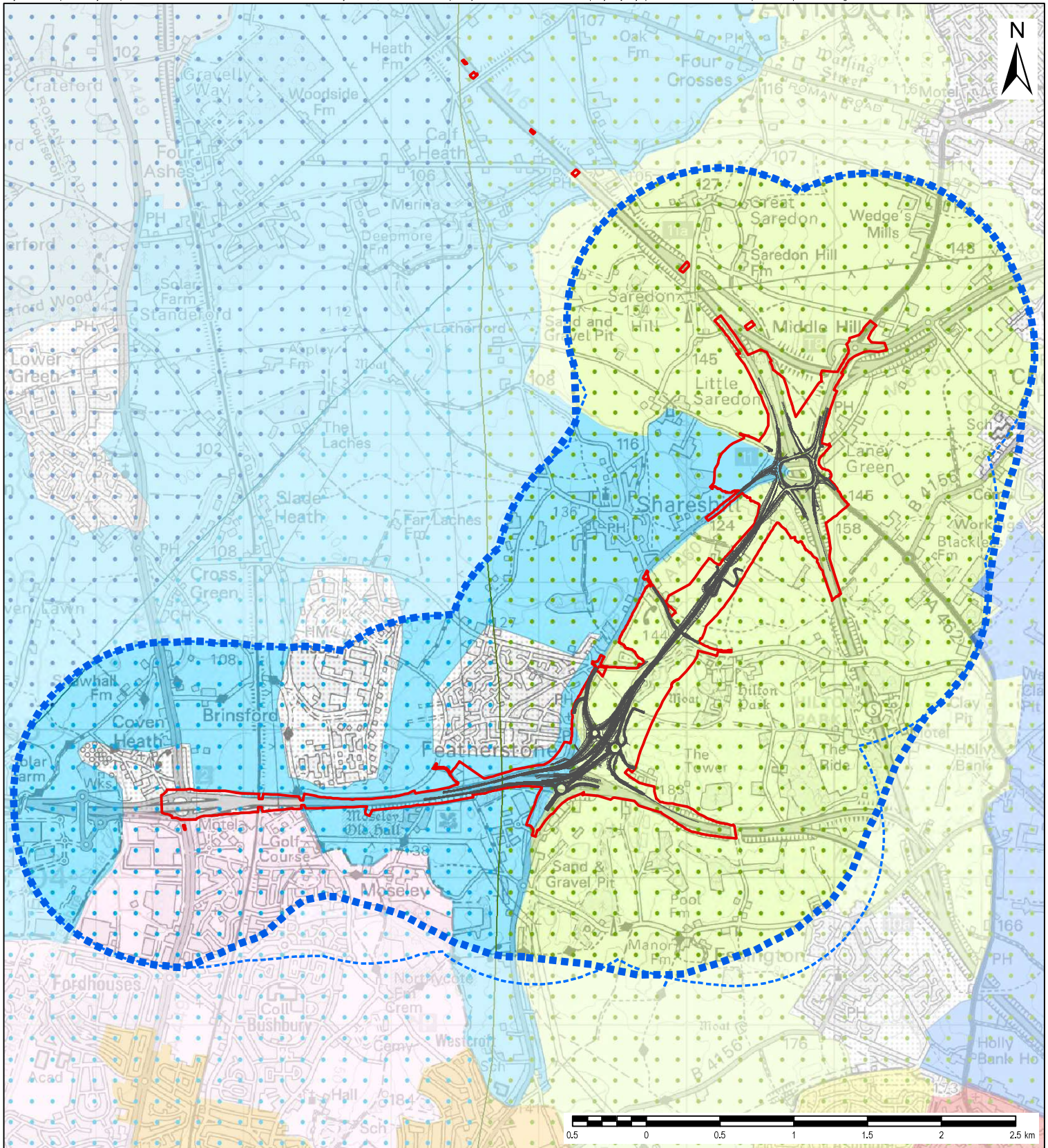
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**FIGURE 7.2 -
TOPOGRAPHY AND HYDROLOGY**



Royal Court
Basildon
Chesleyton
S41 7SL
Tel: +44 (0)12 4620 9221
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LEGEND

- Proposed scheme
- Draft DCO site boundary
- Study Area
- 1km buffer from site boundary

National Character Area

- NCA 67: Cannock Chase and Cank Wood
- NCA 66: Mid Severn Sandstone Plateau
- NCA 61: Shropshire, Cheshire and Staffordshire Plain

Staffordshire Landscape Character

- Ancient clay farmlands LCT
- Coalfield farmlands LCT
- Settled heathlands LCT
- Settled plateau farmland slopes LCT
- Urban

Black Country Historic Landscape Character Areas

- WV10 - Pendeford, Fordhouses & Bushbury LCA
- WV05 - Fallings Park & Wednesfield North LCA
- WV09 - Ashmore Park
- WL07 - Bentley LCA

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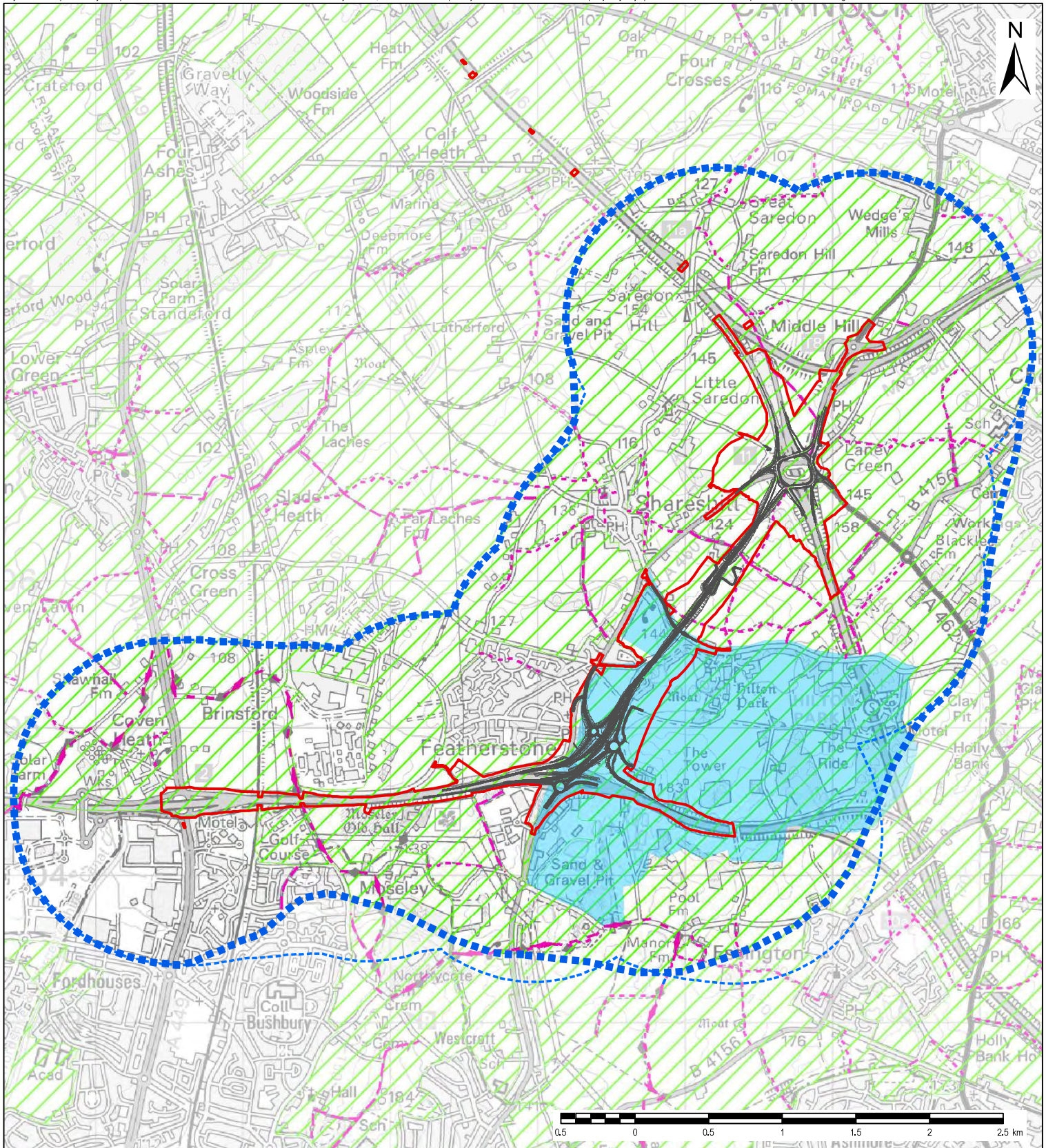
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**FIGURE 7.3 -
LANDSCAPE CHARACTER**

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Royal Court
Bass Close
Cheshire
S41 7SL
Tel: +44 (0)12 4620 9221
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LEGEND

- Proposed scheme
- Draft DCO site boundary
- Study Area
- 1km buffer from site boundary
- Historic Landscape Areas (South Staffordshire Council)
- Green Belt land

Public Rights of Way

- Footpath
- Bridleway
- Byway Open to All Traffic
- Monarch's Way long distance footpath

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Project:
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Title:
**FIGURE 7.4 -
LANDSCAPE DESIGNATIONS**



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Basildon
Chesterfield
S41 7SL
Tel: +44 (0)12 4620 9221
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Extent of 50mm single frame image

Viewpoint number: 2
 Location title: View from A460 Cannock Road, Featherstone
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 394247, 305182
 Elevation: 138m AOD
 View at a comfortable arm's length between 30cm and 50cm.



Suitability: S2
 Zone: M54 to M6 Link Road

Project:

M54 TO M6 LINK ROAD

PROJECT NUMBER: 60536736
 CLIENT: HIGHWAYS ENGLAND

Title:

FIGURE 7.5 - VIEWPOINT 02
 VIEW FROM A460 CANNOCK ROAD,
 FEATHERSTONE

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Royal Court
 Basil Close
 CHESTERFIELD, S41 8SL
 Tel: +44 (0) 1246 209 221
 Fax: +44 (0) 1246 209 229
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Design: LB CAD: AAO

Chk'd: RW App'd: NW

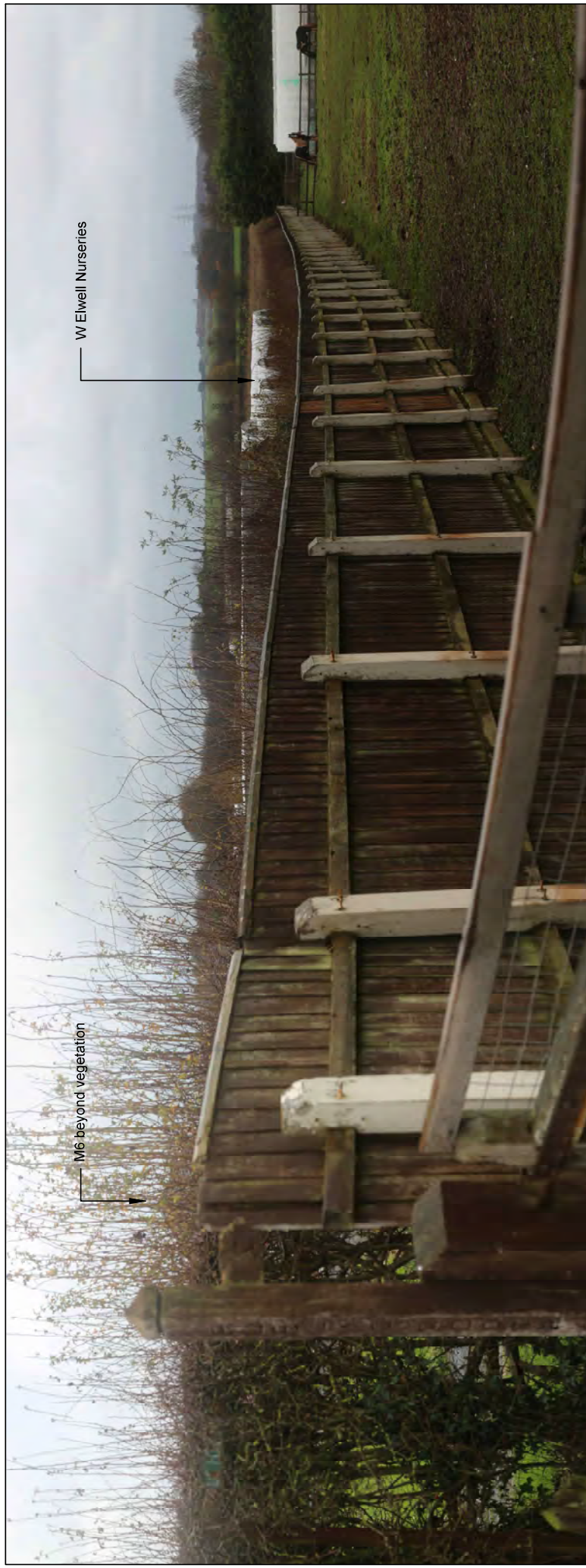
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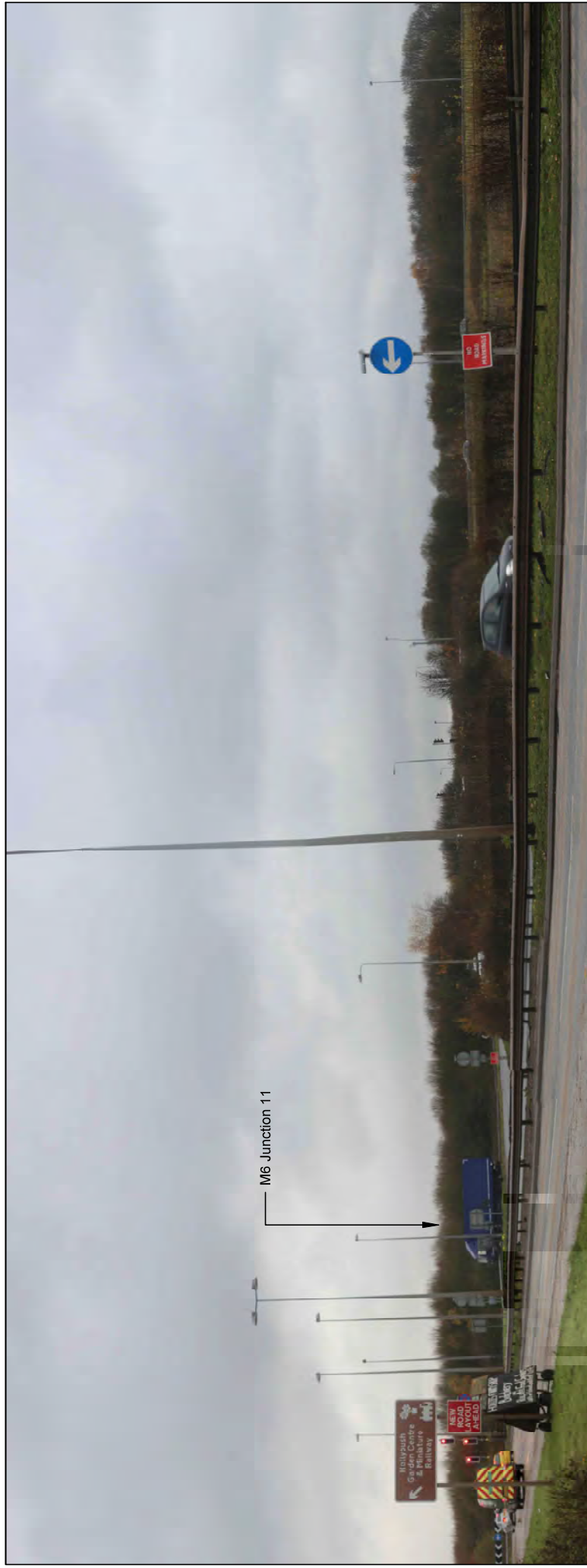


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Zone: M54 to M6 Link Road

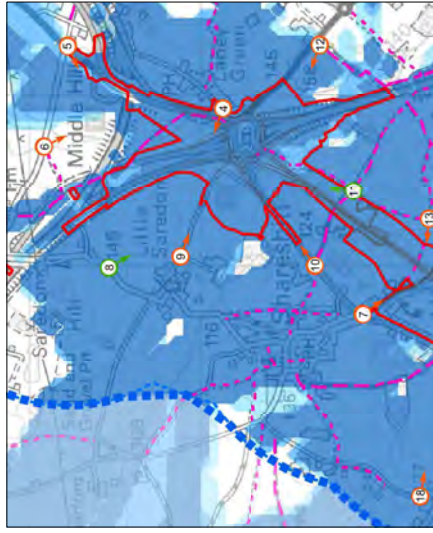
Viewpoint number: 3
Location title: View from Cheslyn Hay Primary School, Wolverhampton Road
Camera model: Canon EOS 6D
Focal length: 50mm
Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
Camera height: 1.6m
Photo taken: 20/11/2018
Coordinates: 397173; 306916
Elevation: 151m AOD
View at a comfortable arm's length between 30cm and 50cm.

Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 03 VIEW FROM CHESLYN HAY PRIMARY SCHOOL	
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND			Royal Court Basil Close CHESTERFIELD, S41 8SL Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com	
Design:	LB	CAD:	AAO	UC	
Chk'd:	RW	App'd:	NW		
Date:	21/11/18	Scale:	N/A		
No.	HE514465-ACM-EL-S-M54_SW_PR_Z-DR-LV-0015	Rev:			
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Extent of 50mm single frame image



Suitability: S2
Zone: M54 to M6 Link Road

Viewpoint number: 4
Location title: View from houses at Laney Green
Camera model: Canon EOS 6D
Focal length: 50mm
Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
Camera height: 1.6m
Photo taken: 20/11/2018
Coordinates: 395922.306869
Elevation: 136m AOD
View at a comfortable arm's length between 30cm and 50cm.

Title:

**FIGURE 7.5 - VIEWPOINT 04
HOUSES AT LANEY GREEN**

Project:

M54 TO M6 LINK ROAD

**PROJECT NUMBER: 60536736
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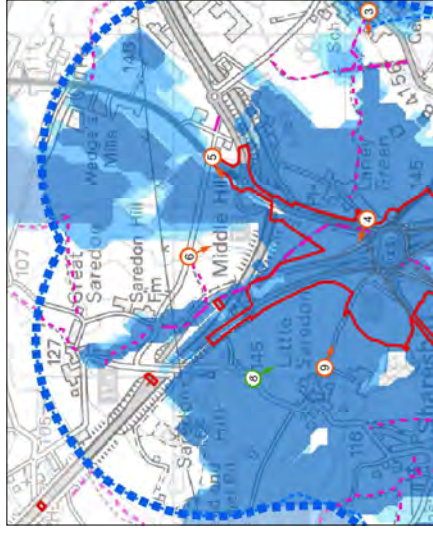
Design:	LB	CAD:	AAO
Chk'd:	RW	App'd:	NW
Date:	21/11/18	Scale:	N/A
No.	HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015		
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Extent of 50mm single frame image



Viewpoint number: 5
 Location title: View from houses at Middle Hill
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 396288.307777
 Elevation: 129m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD			Title:	FIGURE 7.5 - VIEWPOINT 05 HOUSES AT MIDDLE HILL		
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND				AECOM Royal Court Basil Close CHESTERFIELD, S41 8SL Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com		
Design:	LB	CAD:	AAO	UC			
Chk'd:	RW	App'd:	NW				
Date:	21/11/18	Scale:	N/A				
No.	HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015			Rev:			
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Extent of 50mm single frame image



Suitability: S2
Zone: M54 to M6 Link Road

Viewpoint number: 6
 Location title: View from PRoW accessed via Saredon Road
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 395703.307912
 Elevation: 1.19m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Title:

M54 TO M6 LINK ROAD
FIGURE 7.5 - VIEWPOINT 06
PROW ACCESSED VIA SAREDON ROAD

Project:

M54 TO M6 LINK ROAD
PROJECT NUMBER: 60536736
CLIENT: HIGHWAYS ENGLAND

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Design: LB CAD: AAO

Chk'd: RW App'd: NW

Date: 21/11/18 Scale: N/A

No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015 Rev:

UC

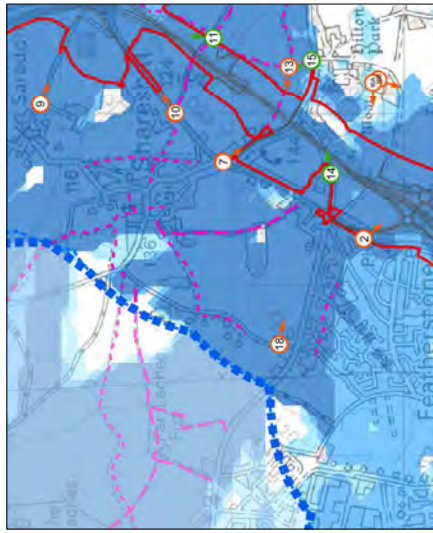
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Viewpoint number: 7
 Location title: View from houses on Church Road
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 394736; 306105
 Elevation: 136m AOD
 View at a comfortable arm's length between 30cm and 50cm.

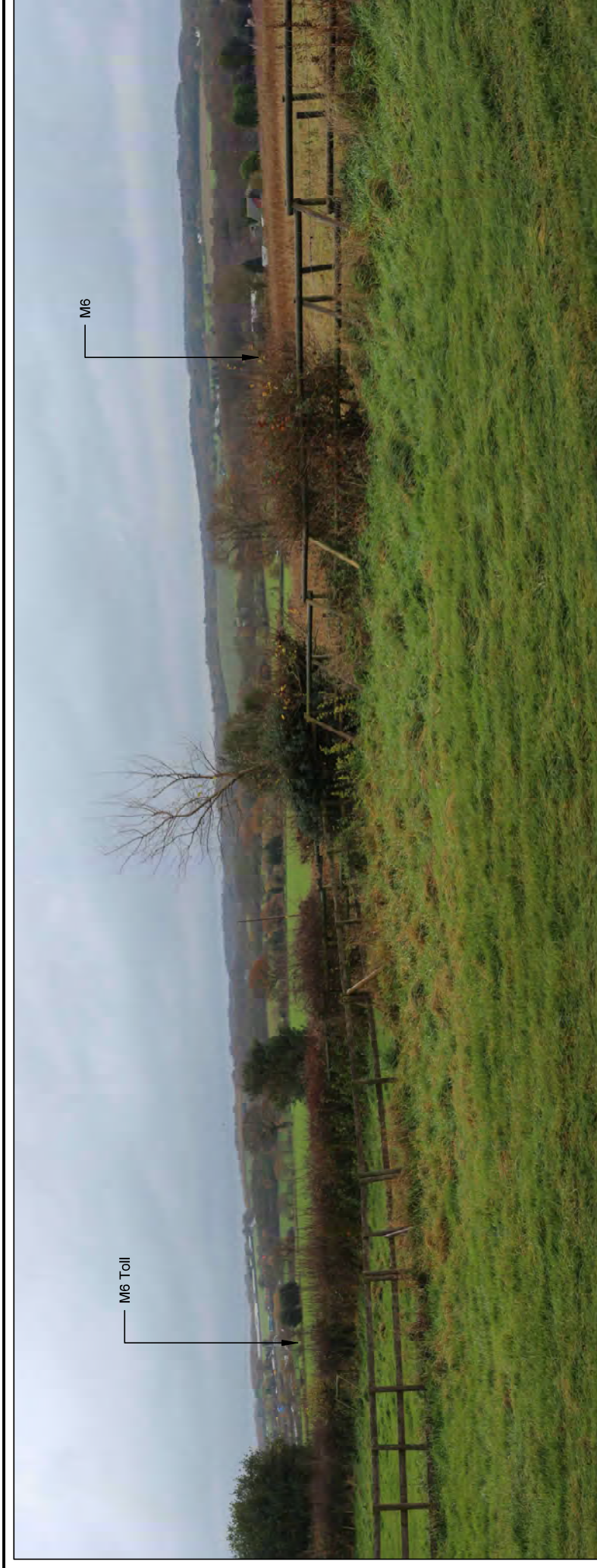
Extent of 50mm single frame image



Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 07 VIEW FROM HOUSES ON CHURCH ROAD		UC
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND					
AECOM	Design:	LB	CAD:	AAO		
	Chk'd:	RW	App'd:	NW		
	Date:	21/11/18	Scale:	N/A		
	No.:	HE514465-ACM-EL-S-M54_SW_PR_Z-DR-LV-0015	Rev.:			A3
Royal Court Basil Close CHESTERFIELD, S41 8SL		Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com				

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Extent of 50mm single frame image



Viewpoint number: 8
 Location title: View from field gate along Great Saredon Road
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 394995,307533
 Elevation: 145m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Suitability: S2
 Zone: M54 to M6 Link Road

Design:	LB	CAD:	AAO
Chk'd:	RW	App'd:	NW
Date:	21/11/18	Scale:	N/A
No.	HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015		
Rev:			

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Royal Court
 Basil Close
 CHESTERFIELD, S41 8SL

Title:
**FIGURE 7.5 - VIEWPOINT 08
 VIEW FROM FIELD GATE
 ALONG GREAT SAREDON ROAD**

Project:
M54 TO M6 LINK ROAD
PROJECT NUMBER: 60536736
CLIENT: HIGHWAYS ENGLAND

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Extent of 50mm single frame image



Viewpoint number: 9
 Location title: View looking south west towards M6 Junction 11
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 395056.307119
 Elevation: 125m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD		Title:		FIGURE 7.5 - VIEWPOINT 09 VIEW LOOKING SOUTH WEST TOWARDS M6 JUNCTION 11		UC	
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND		AECOM		Royal Court Basil Close CHESTERFIELD, S41 8SL		A3	
Design:	LB	CAD:	AAO	Chk'd:	RW	App'd:	NW	
Date:	21/11/18	Scale:	N/A	No.	HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015		Rev:	

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Extent of 50mm single frame image



Suitability: S2
Zone: M54 to M6 Link Road

Viewpoint number: 10
Location title: View from footway adjacent to the A460
Camera model: Canon EOS 6D
Focal length: 50mm
Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
Camera height: 1.6m
Photo taken: 20/11/2018
Coordinates: 395008, 306333
Elevation: 125m AOD
View at a comfortable arm's length between 30cm and 50cm.

Title:

FIGURE 7.5 - VIEWPOINT 10
VIEW FROM FOOTWAY
ADJACENT TO THE A460

Project:

M54 TO M6 LINK ROAD
PROJECT NUMBER: 60536736
CLIENT: HIGHWAYS ENGLAND

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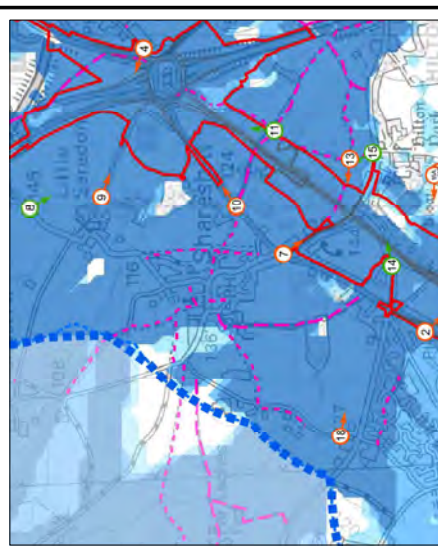
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Chk'd:	RW	App'd:	NW
Date:	21/11/18	Scale:	N/A
No.	HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015		
Rev:			

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Extent of 50mm single frame image



Viewpoint number: 11
 Location title: View from PRoW north of Hilton Lane
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 395420; 306130
 Elevation: 140m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD		Title:		AECOM Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com		
	PROJECT NUMBER: 60536736		FIGURE 7.5 - VIEWPOINT 11 VIEW FROM PROW NORTH OF HILTON LANE		Royal Court Basil Close CHESTERFIELD, S41 8SL		
	CLIENT: HIGHWAYS ENGLAND		Design: LB CAD: AAO		No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015 Rev:		
			Chk'd: RW App'd: NW		Date: 21/11/18 Scale: N/A		
				No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015 Rev:		UC	
						A3	

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Extent of 50mm single frame image

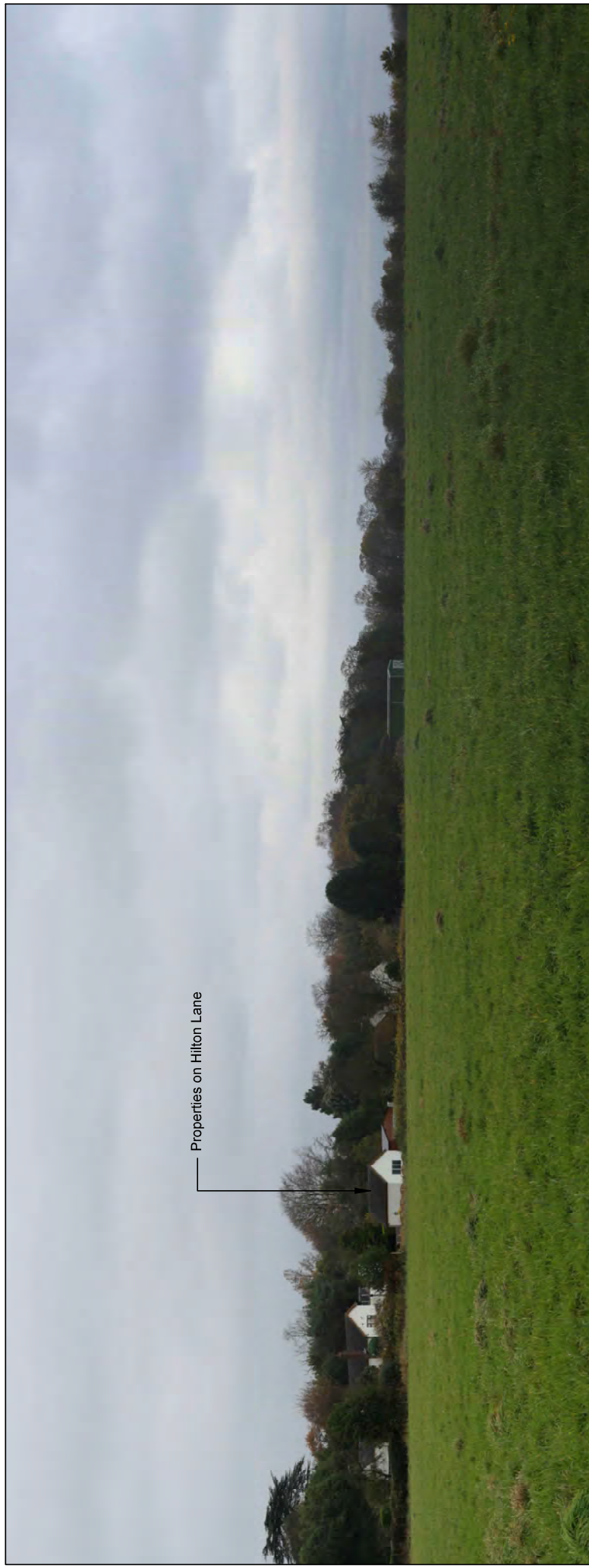
Viewpoint number: 12
 Location title: View from PRoW west of A462
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 396317, 306328
 Elevation: 149m AOD
 View at a comfortable arm's length between 30cm and 50cm.



Suitability: S2
 Zone: M54 to M6 Link Road

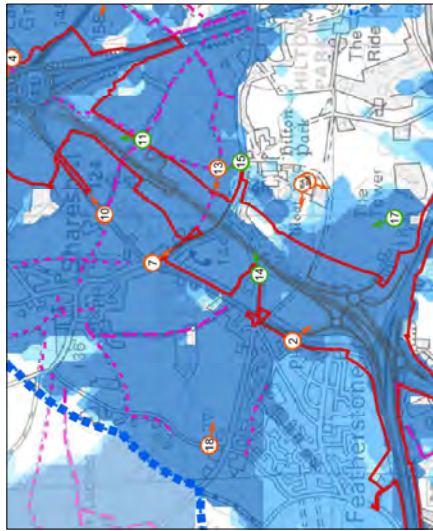
Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 12 VIEW FROM PROW WEST OF A462		UC
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND					
Design:	LB	CAD:	AAO			
Chk'd:	RW	App'd:	NW			
Date:	21/11/18	Scale:	N/A			
No.	HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015	Rev:				
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Properties on Hilton Lane

Extent of 50mm single frame image



Viewpoint number: 13
 Location title: View from PROw north of Hilton Lane
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 395291, 305667
 Elevation: 148m AOD
 View at a comfortable arm's length between 30cm and 50cm.

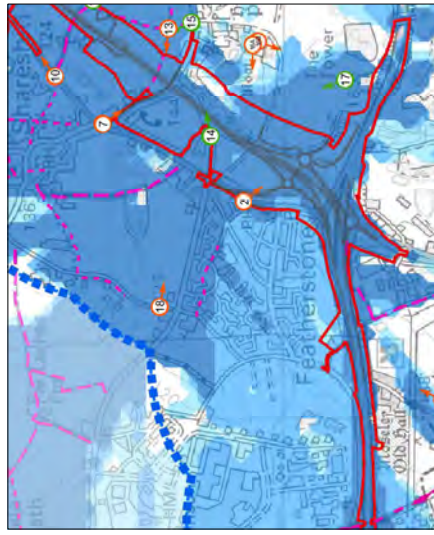
Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 13 VIEW FROM PROW NORTH OF HILTON LANE		<p>AECOM</p> <p>Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com</p> <p>Royal Court Basil Close CHESTERFIELD, S41 8SL</p>	Design: LB CAD: AAO Chk'd: RW App'd: NW Date: 21/11/18 Scale: N/A No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015 Rev:	UC
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND							A3

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Extent of 50mm single frame image

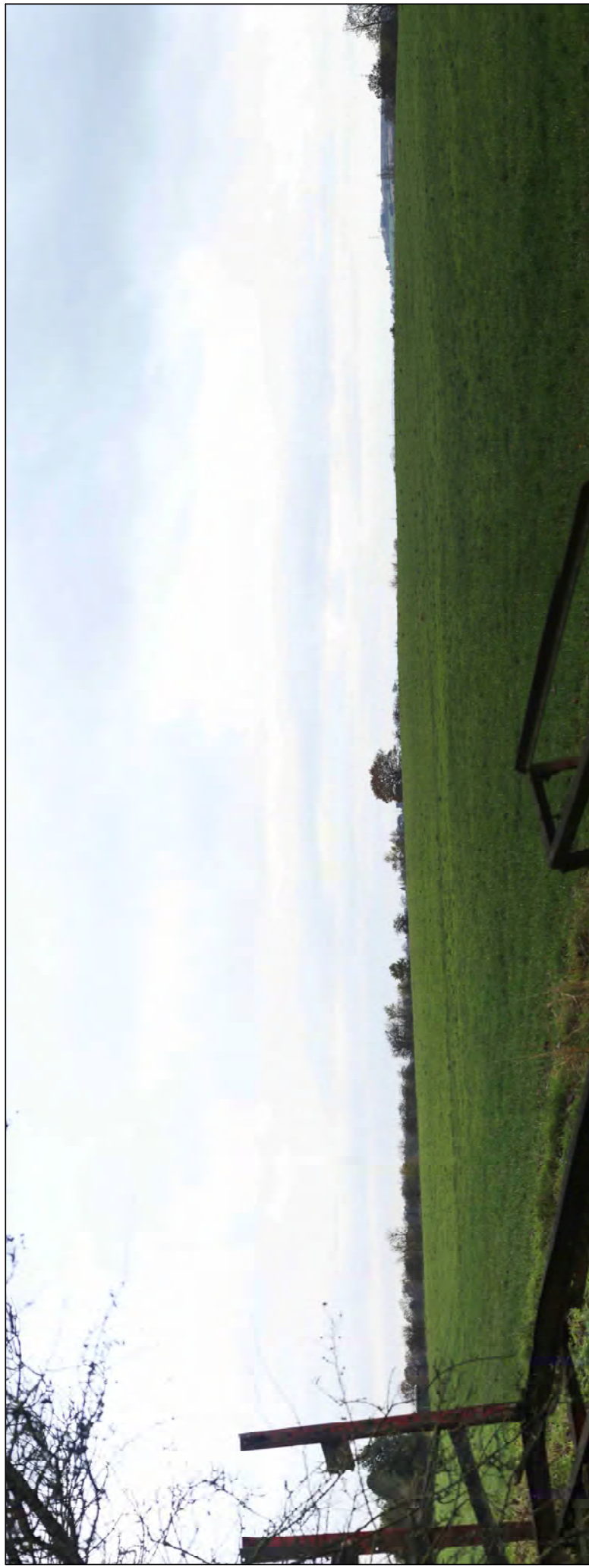


Viewpoint number: 14
 Location title: Houses at Dark Lane and Park Road
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 394678,305441
 Elevation: 136m AOD
 View at a comfortable arm's length between 30cm and 50cm.

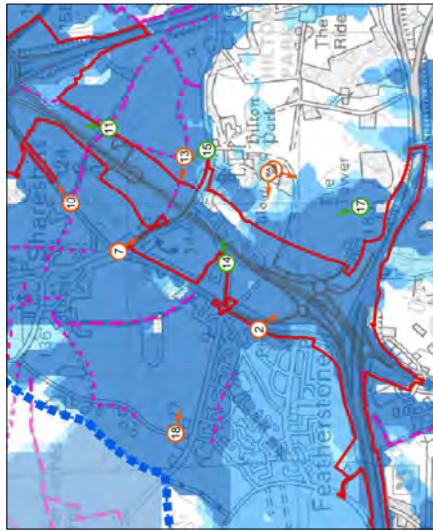
Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 14 HOUSES AT DARK LANE AND PARK ROAD		<p>AECOM</p> <p>Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com</p> <p>Royal Court Basil Close CHESTERFIELD, S41 8SL</p>	Design: LB CAD: AAO Chk'd: RW App'd: NW Date: 21/11/18 Scale: N/A No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015 Rev:
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND			UC A3			

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Extent of 50mm single frame image

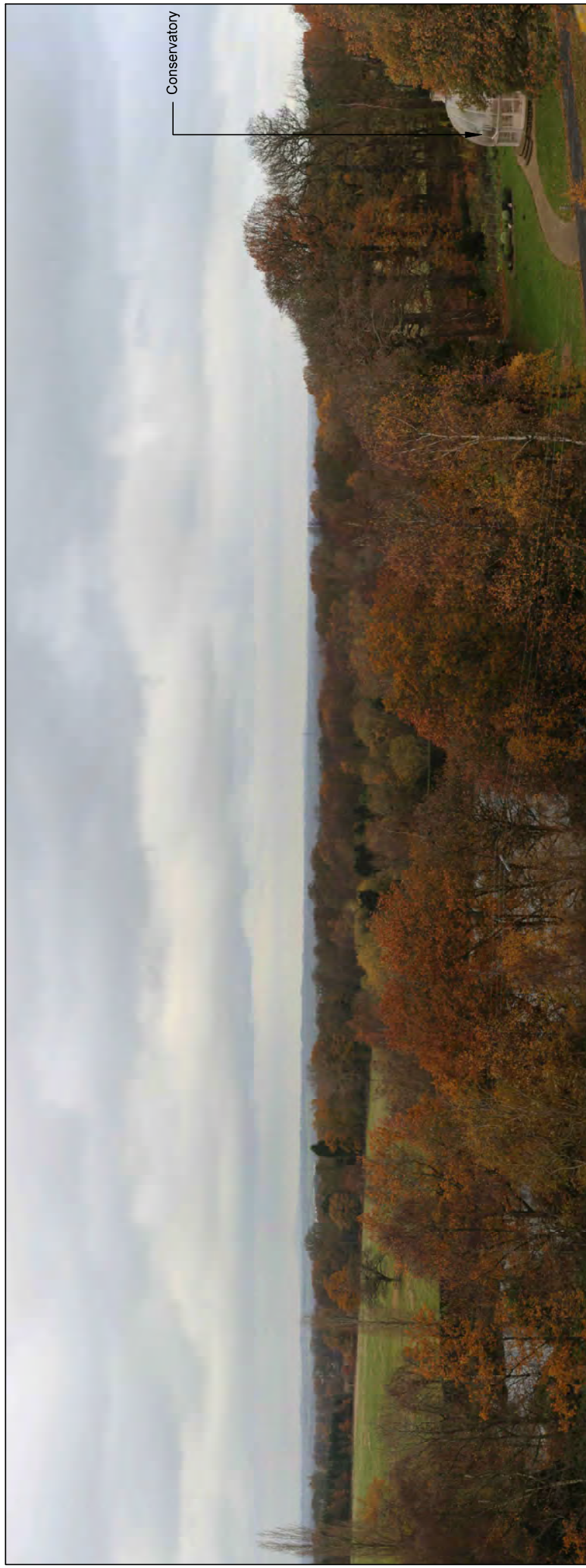


Viewpoint number: 15
 Location title: View from Hilton Lane and Shareshill FP3 junction looking north
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 395315; 305540
 Elevation: 147m AOD
 View at a comfortable arm's length between 30cm and 50cm.

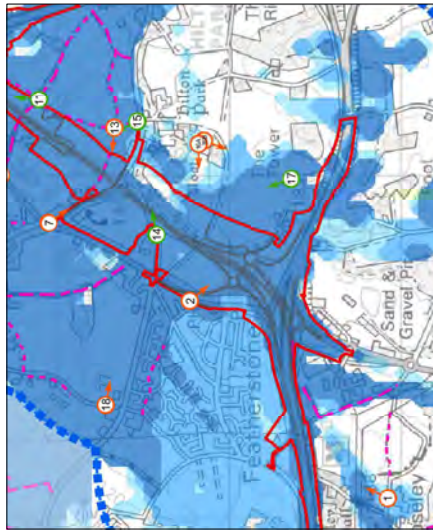
Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD			Title:			 <p>Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com</p>				
	PROJECT NUMBER: 60536736			FIGURE 7.5 - VIEWPOINT 15			Royal Court Basil Close CHESTERFIELD, S41 8SL				
	CLIENT: HIGHWAYS ENGLAND			VIEW FROM HILTON LANE AND SHARESHELL			Design: LB CAD: AAO				
				FOOTPATH 3 JUNCTION LOOKING NORTH			Chk'd: RW App'd: NW				
						Date: 21/11/18			Scale: N/A		
						No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015			Rev:		
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Extent of 50mm single frame image

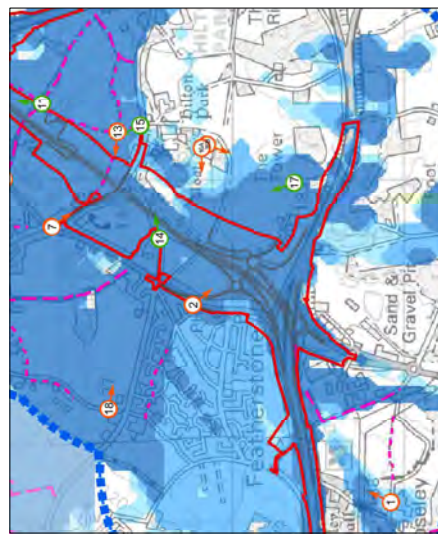
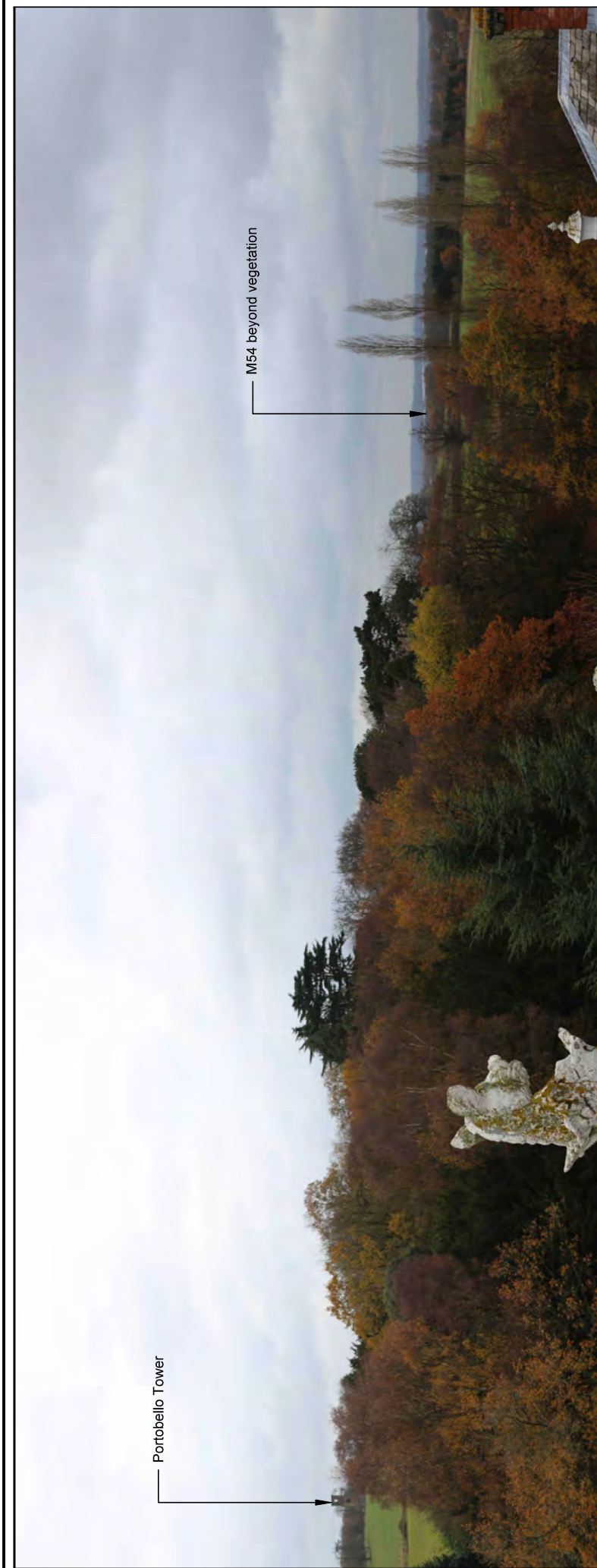


Viewpoint number: 16A
 Location title: View from Hilton Hall looking west
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 395188, 305185
 Elevation: 156m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Suitability: S2
 Zone: M54 to M6 Link Road


Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 16A VIEW FROM HILTON HALL LOOKING WEST		 <p>Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com</p>
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND					
Design:	LB	CAD:	AAO	UC		
Chk'd:	RW	App'd:	NW			
Date:	21/11/18	Scale:	N/A			
No.:	HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015	Rev.:				A3

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Viewpoint number: 16B
 Location title: View from Hilton Hall looking south
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 395197, 305181
 Elevation: 156m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Suitability: S2
 Zone: M54 to M6 Link Road

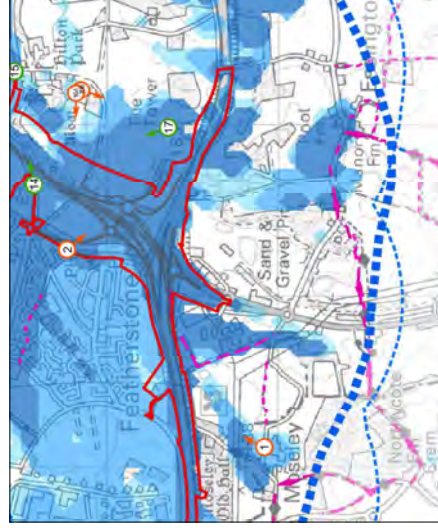
Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 16B VIEW FROM HILTON HALL LOOKING SOUTH		 Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com Royal Court Basil Close CHESTERFIELD, S41 8SL	
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND			Design: LB CAD: AAO Chk'd: RW App'd: NW Date: 21/11/18 Scale: N/A No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015 Rev:			
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Hilton Hall within woodland

Extent of 50mm single frame image



Suitability: S2
Zone: M54 to M6 Link Road

Viewpoint number: 17
 Location title: View from Portobello Tower looking north west
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 394969, 304732
 Elevation: 17.1m AOD
 View at a comfortable arm's length between 30cm and 50cm.

Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 17 VIEW FROM PORTOBELLO TOWER LOOKING NORTH WEST		Design: LB	CAD: AAO	UC
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND			Royal Court Basil Close CHESTERFIELD, S41 8SL			Chk'd: RW	App'd: NW
						Date: 21/11/18	Scale: N/A	
						No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015	Rev:	
								A3



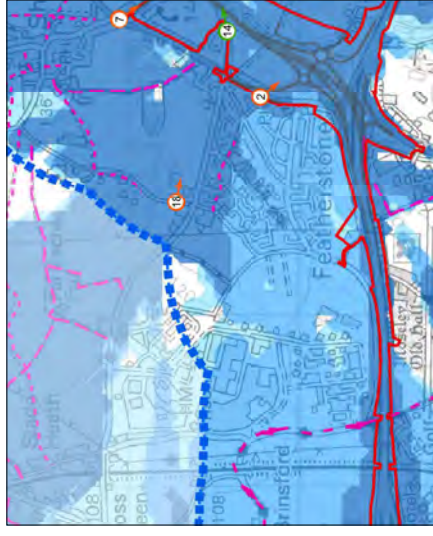
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Extent of 50mm single frame image

Viewpoint number: 18
 Location title: View from Featherstone Lane
 Camera model: Canon EOS 6D
 Focal length: 50mm
 Field of View: 50mm vertical (27) x 28mm horizontal (65.5)
 Camera height: 1.6m
 Photo taken: 20/11/2018
 Coordinates: 393649; 305690
 Elevation: 129m AOD
 View at a comfortable arm's length between 30cm and 50cm.



Suitability: S2
 Zone: M54 to M6 Link Road

Project:	M54 TO M6 LINK ROAD		Title:	FIGURE 7.5 - VIEWPOINT 18 VIEW FROM FEATHERSTONE LANE		AECOM Tel: +44 (0) 1246 209 221 Fax: +44 (0) 1246 209 229 www.aecom.com Royal Court Basil Close CHESTERFIELD, S41 8SL	Design: LB CAD: AAO Chk'd: RW App'd: NW Date: 21/11/18 Scale: N/A No. HE514465-ACM-ELS-M54_SW_PR_Z-DR-LV-0015 Rev:	UC
	PROJECT NUMBER: 60536736 CLIENT: HIGHWAYS ENGLAND							

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CONSTRUCTION

MAINTENANCE OPERATIONS / RECOMMENDATIONS FOR OPERATION

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2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
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EC	HW/218	P01
By	Date	Scale
Revised	Drawn	Checked

FOR INFORMATION

Client: Highways England
 100 Marklands Street
 Birmingham
 B1 1RN

Project Title: M54-M6 LINK ROAD

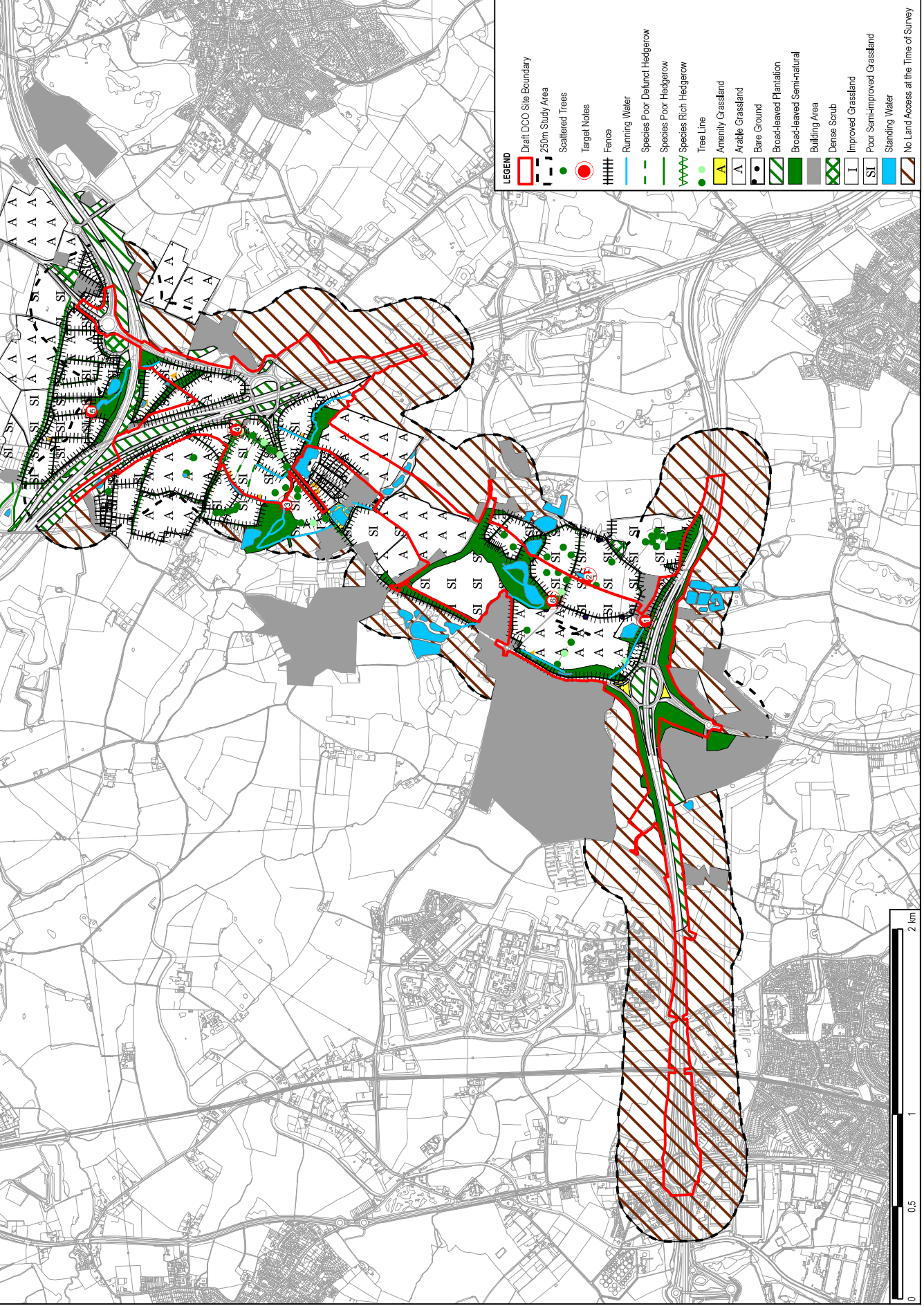
**FIGURE 8.3
 PHASE 1 HABITAT SURVEY**

Designed	Drawn	Checked	Approved	Date
EC	AR	AR	TP	10/04/2019
Internal Project No.	Scale	Zone		
66538738	1:20,000	M54 to M6/M6 (Old) Link Road		

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 Roadbase Consultant
 100 Marklands Street
 Birmingham B1 1RN
 Tel: 0121 623 2021
 Fax: 0121 623 2022
 www.aecom.com

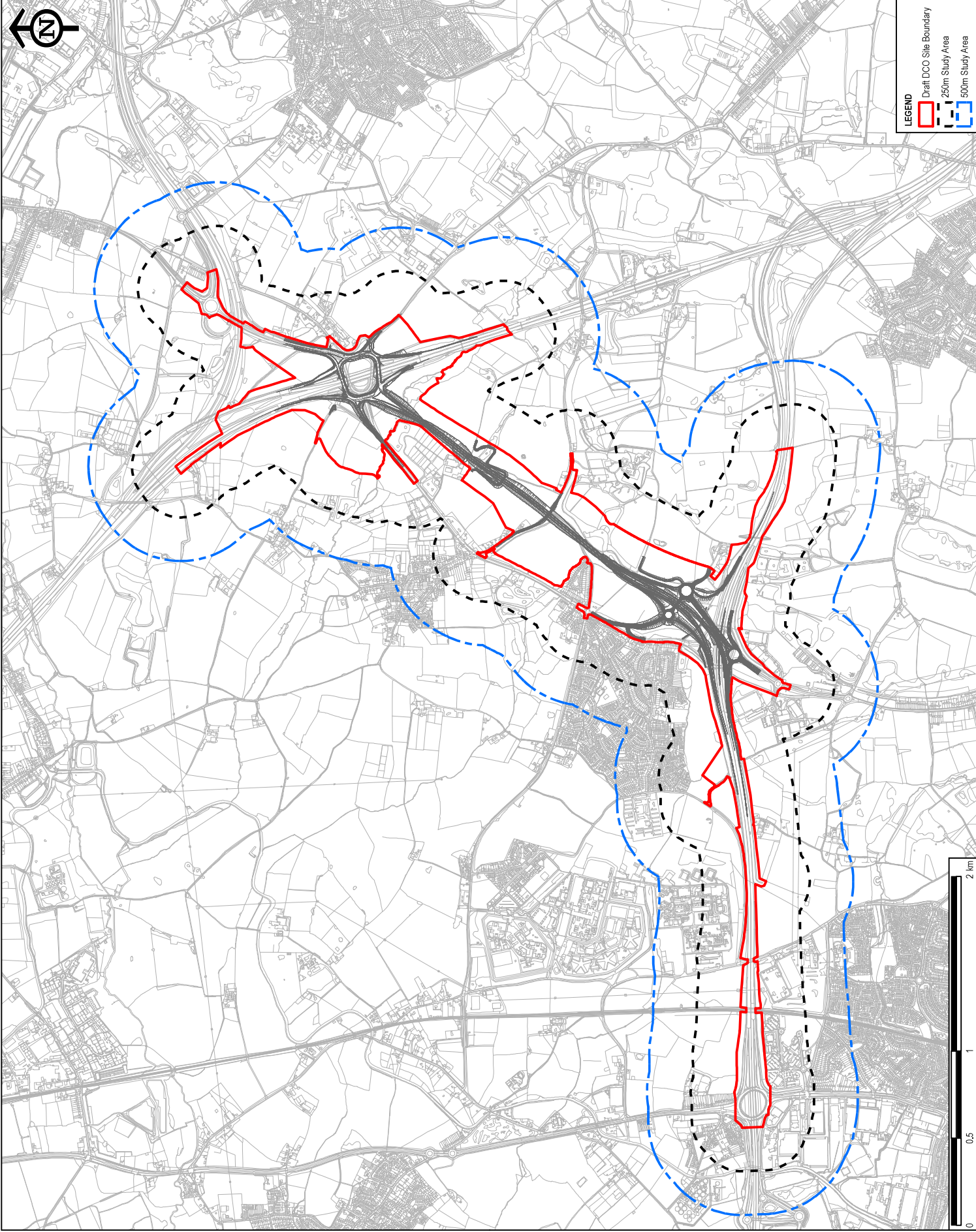
Project: M54-M6 Link Road
 Drawing Title: PHASE 1 HABITAT SURVEY



LEGEND

- Draft DCO Site Boundary (Red dashed line)
- 250m Study Area (Red solid line)
- Scattered Trees (Green dots)
- Target Notes (Red circle with 'E')
- Fence (HHHH)
- Running Water (Blue line)
- Species Poor Defunct Hedgerow (Green dashed line)
- Species Poor Hedgerow (Green solid line)
- Species Rich Hedgerow (Green wavy line)
- Tree Line (Green circle)
- Amenity Grassland (Yellow square)
- Arable Grassland (Green square)
- Bare Ground (Grey square)
- Broad-leaved Plantation (Green square with diagonal lines)
- Broad-leaved Semi-natural (Green square with diagonal lines)
- Building Area (Grey square)
- Dense Scrub (Green square with diagonal lines)
- Improved Grassland (Green square with diagonal lines)
- Poor Semi-improved Grassland (Green square with diagonal lines)
- Standing Water (Blue square)
- No Land Access at the Time of Survey (Red diagonal hatched square)





SHEET HEAD AND ENVIRONMENTAL INFORMATION BOX

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CONSTRUCTION

MAINTENANCE OPERATIONS
DECOMMISSIONING OPERATION

NOTES

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EC	HW/218	P01
Drawn	AR	TP
Checked	AR	TP
Approved	TP	TP
Internal Project No.	66538736	
Scale @ A3	1:20,000	
Zone	M54 to M6/M6 (d) Link Road	

FOR INFORMATION

Client: Highways England
 Working on behalf of: **highways england**
 100 Waterworks Street
 Birmingham
 B1 1BN

Project Title: M54-M6 LINK ROAD

Figure 9.1
GEOLOGY AND SOILS STUDY AREAS

Drawn	EC	AR	TP	TP	TP
Checked	EC	AR	TP	TP	TP
Approved	TP	TP	TP	TP	TP
Internal Project No.	66538736		Scale	1:20,000	
Zone	M54 to M6/M6 (d) Link Road		Scale @ A3	1:20,000	

AECOM

Head Office: One Southway, Alton Towers, Stoke-on-Trent, Staffordshire, ST10 5BQ, UK
 Tel: +44 (0)1829 522222
 Fax: +44 (0)1829 522221
 Email: enquiries@aecom.com

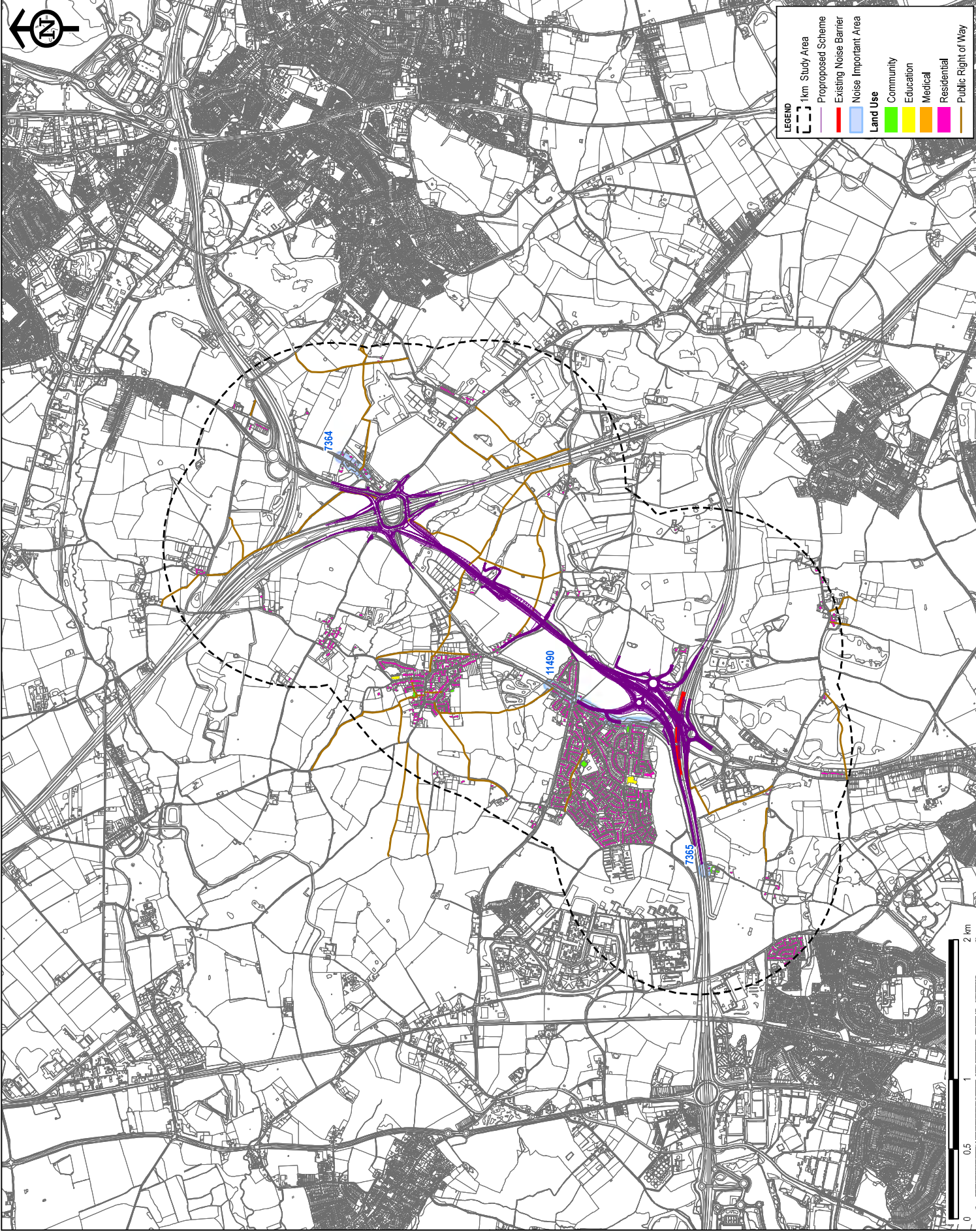
Project: M54-M6 Link Road
 Project Manager: I. Cooper
 Project Engineer: J. Williams
 Project Engineer: J. Williams
 Project Engineer: J. Williams
 Project Engineer: J. Williams

Revision: -001
 Date: 13/11/2019

LEGEND

- Draft DCO Site Boundary (dashed black line)
- 250m Study Area (red outline)
- 300m Study Area (blue outline)





SHEET HEAD ENVIRONMENTAL INFORMATION BOX

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CONSTRUCTION

MAINTENANCE OPERATIONS RECOMMENDED FOR CONSTRUCTION

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Author	DT	WY	P01
Project Lead	DT	WY	P02

FOR INFORMATION

Working on behalf of

Client: Highways England
 100 Watfords Street
 Birmingham
 B1 1RN

Project Title: M54 TO M6 LINK ROAD

Drawing Title: NOISE LOCATION PLAN

FIGURE 11.1
 NOISE LOCATION PLAN

Designed	Checked	Approved	Date
CN	JW	SS	24/04/2019

Internal Project No. 66638738
 Scale @ A3 1:25,000
 Zone M54 to M6/M6 (all) Link Road

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AECOM
 AECOM Infrastructure & Environment
 100 Watfords Street
 Birmingham
 B1 1RN
 Tel: 0121 717 2000
 www.aecom.com

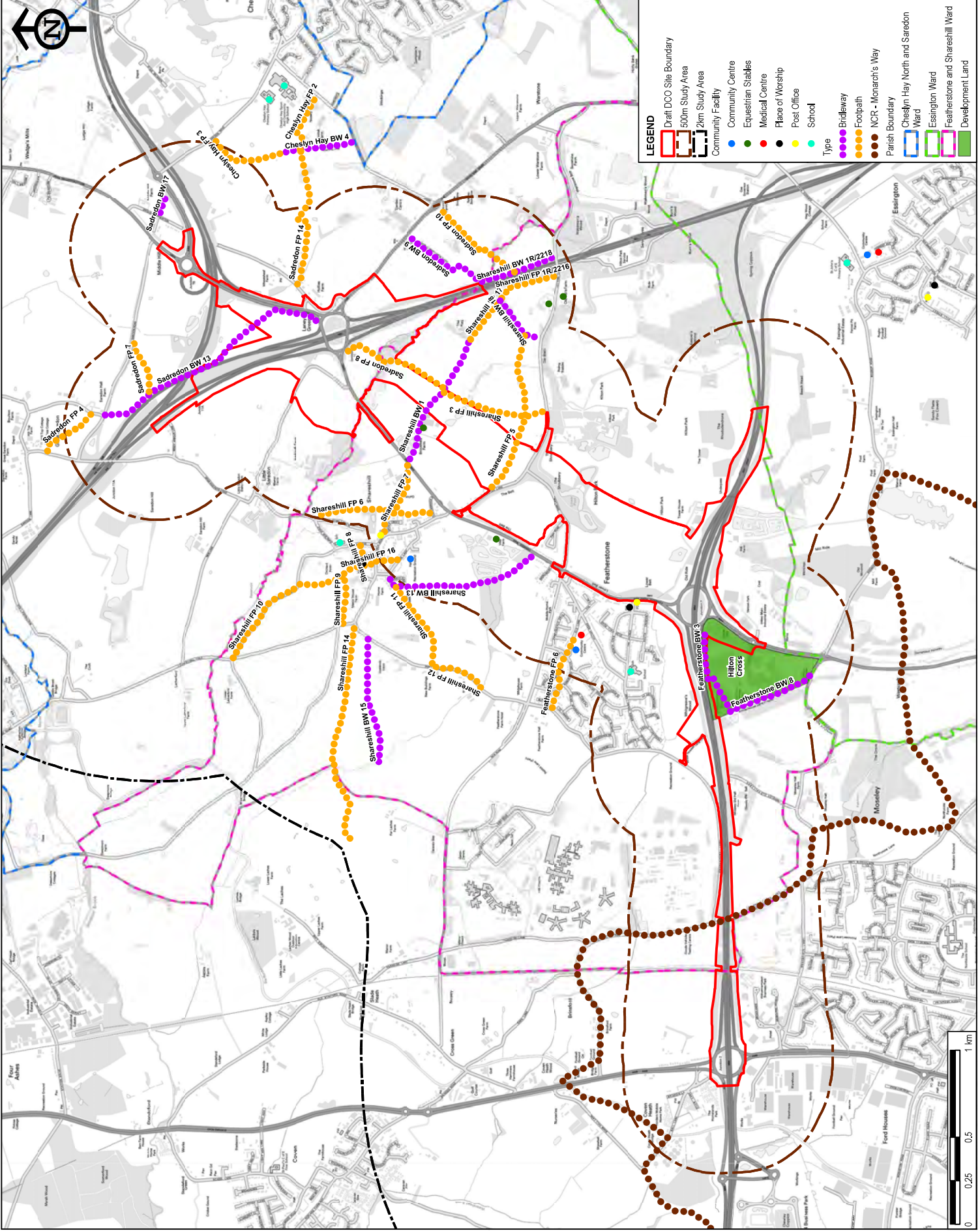
Project Engineer (R): HE514462
 Project Manager (R): -OR-LN-00111
 Rev: -OR-LN-00111

LEGEND

- 1km Study Area
- Proposed Scheme
- Existing Noise Barrier
- Noise Important Area

Land Use

- Community
- Education
- Medical
- Residential
- Public Right of Way



SHEETY-HEALTH AND ENVIRONMENTAL INFORMATION BOX

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CONSTRUCTION

MAINTENANCE OPERATIONS

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Revision	EC	AR	TP	DR	DATE	BY
01	11/02/19					P01
02						
03						

FOR INFORMATION

Client: Highways England
 Working on behalf of: Highways England
 100 Marklands Street, Birmingham B11 1RN

Project Title: M54 TO M6 LINK ROAD

Drawing Title: FIGURE 12.2
 POPULATION AND HEALTH
 CONSTRAINTS PLAN

Drawn	Checked	Approved	Date
DM	EC	AR	TP

Internal Project No: 60558736
 Scale @ 1:20,000
 Zone: M54 to M6/M6 (old) Link Road

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 AECOM Infrastructure & Transportation
 11th Floor, 110 South Colton Avenue, Suite 1100, Birmingham, B15 2JG, UK
 Tel: +44 (0)121 717 2000
 Fax: +44 (0)121 717 2001
 Email: aecom@aecom.com

Project No: PO1
 Drawing No: HES14465-ACM-DR-LE-1006
 Drawing Title: M54_SW_RP_Z - DR - LE - 1006

