

M54 to M6 Link Road
TR010054
Volume 2
2.11 Outline Drainage Works

Regulation 5(2)(o)

Planning Act 2008

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

January 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[]**

Outline Drainage Works

Regulation Number	Regulation 5(2)(o)
Planning Inspectorate Scheme Reference	TR010054
Application Document Reference	2.11
Author	M54 to M6 Link Road Project Team and Highways England

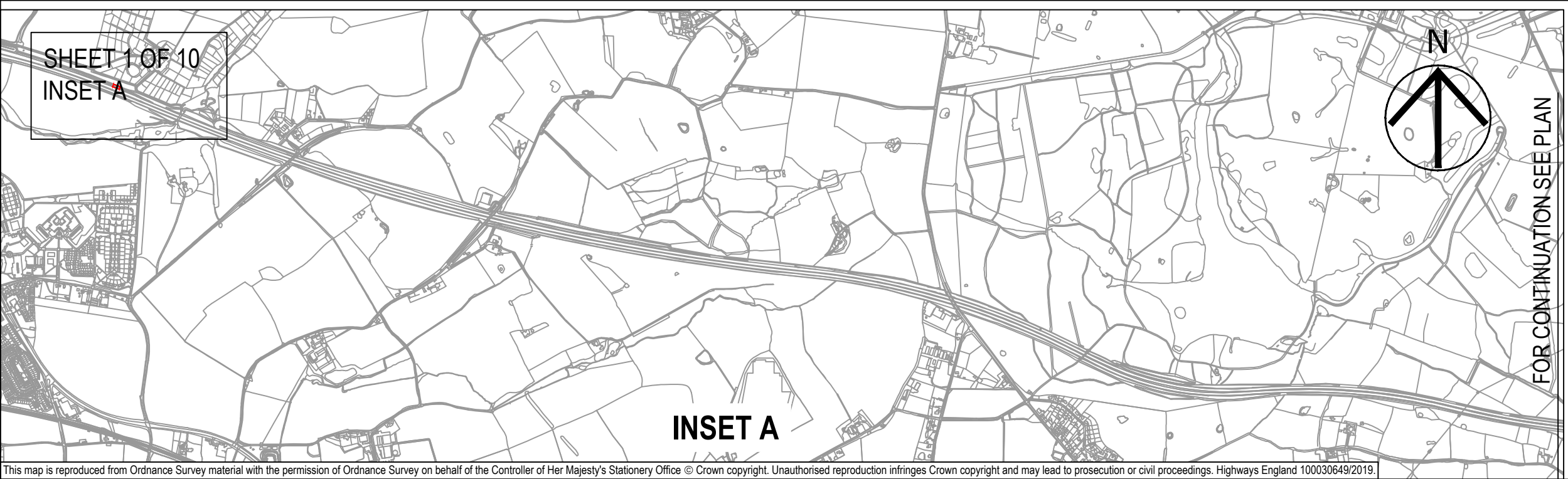
Version	Date	Status of Version
P01	January 2020	DCO Application

Schedule of Plans included in this Application Document

Drawing Number	Drawing Title	Revision
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1700	DRAINAGE ENGINEERING REGULATIONS 5(2)(O) KEY SHEET	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1701	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 1 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1702	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 2 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1703	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 3 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1704	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 4 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1705	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 5 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1706	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 6 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1707	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 7 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1708	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 8 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1709	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 9 OF 10	P01
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CD-1710	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 10 OF 10	P01



FOR CONTINUATION SEE INSET A



FOR CONTINUATION SEE PLAN



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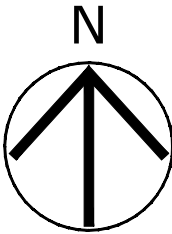
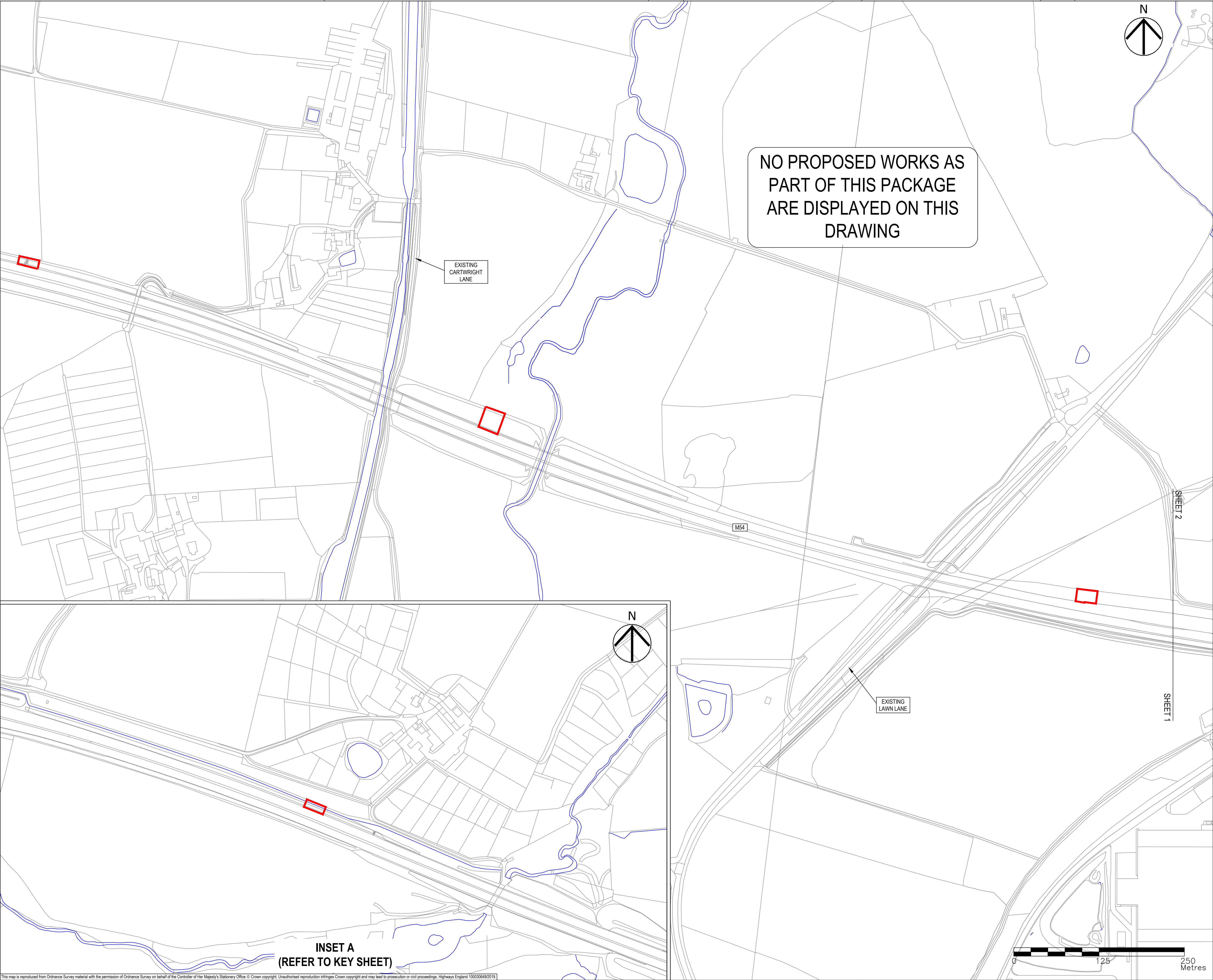
First Issue	SO	RR	14/01/20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue	DCO APPLICATION
Client	Highways England
Floor 5	Two Colonnade Square
38 Colonnade Circus	Birmingham
B4 6BN	
Development Consent Order Number	TR010054
Project Title	M54 to M6 Link Road

Development Consent Order Drawing Number	TR010054/APP/2.11
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Drawing Title	DRAINAGE ENGINEERING REGULATIONS 5(2)(O) KEY SHEET
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Designed	SO	Drawn	SO	Checked	SB	Approved	RR	Date	14/01/20
Internal Project No.	60536736	Suitability	S8	Scale @ A1	1:20000H/1:20000V	Zone	Development Consent Order	THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.	
Drawing Number	HE514465	Highways England PIN	-ACM	I Originator	-DCO	I Volume	-DR-CD-1700	Rev	P01
M54_SW_PR_Z				I Type	I Role	I Number			



NO PROPOSED WORKS AS
PART OF THIS PACKAGE
ARE DISPLAYED ON THIS
DRAWING

EXISTING
CARTWRIGHT
LANE

M54

SHEET 2

SHEET 1

EXISTING
LAWN LANE

INSET A
(REFER TO KEY SHEET)

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 - PROPOSED CATCHMENT 17

First Issue	SO	RR	14/01/20	P01
Revision Details	By	Check	Date	Suffix

Purpose of Issue

DCO APPLICATION

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



Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.11

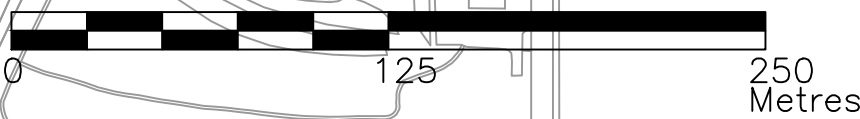
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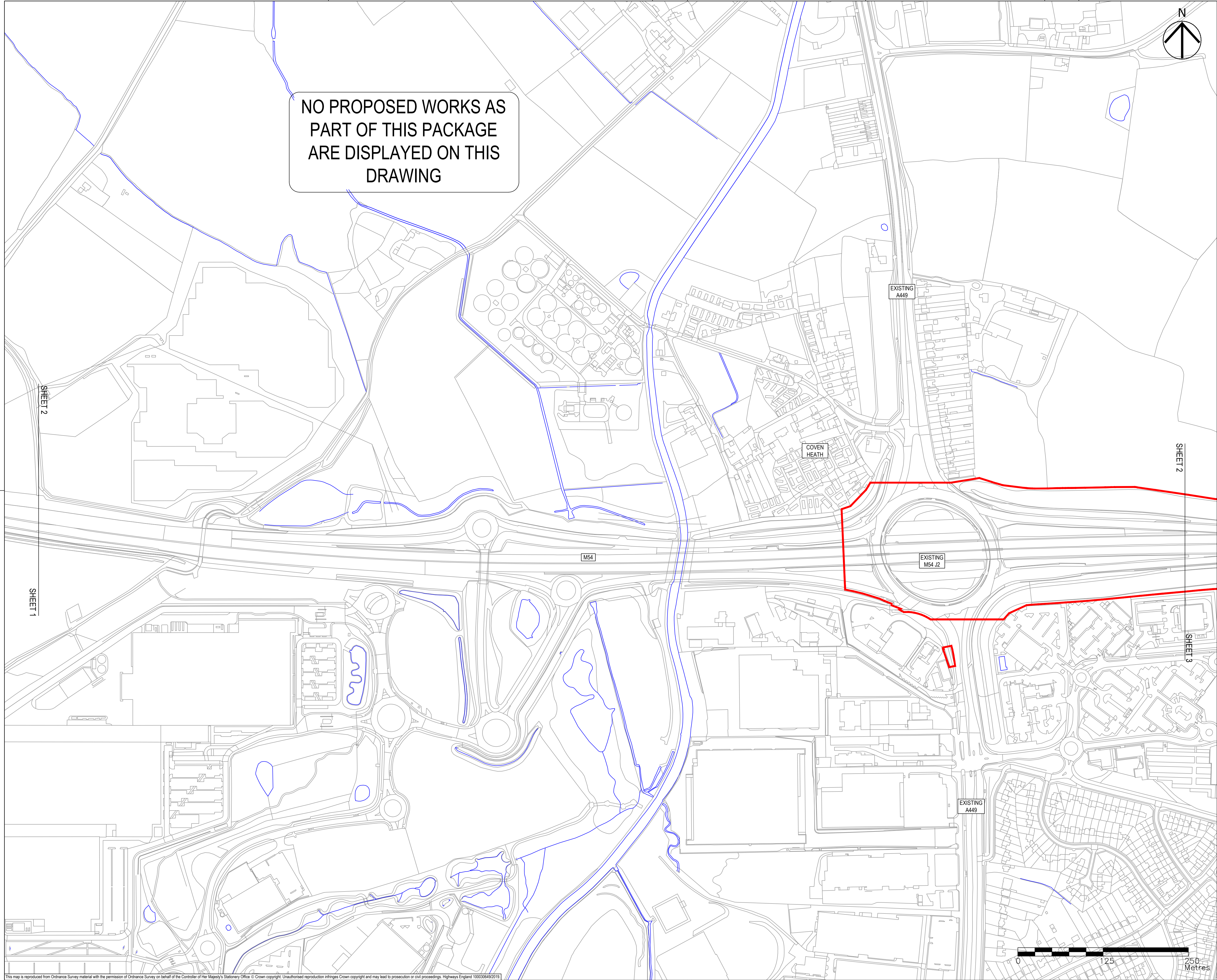
DRAINAGE ENGINEERING
REGULATION 5(2)(O)
SHEET 1 OF 10

Designed SO	Drawn SO	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736		Suitability S8		
Scale @ A1 1:1250H/1:1250V		Zone Development Consent Order		

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Z1_SW_PR_Z	-DR-CD-1701	I Type I Role I Number	



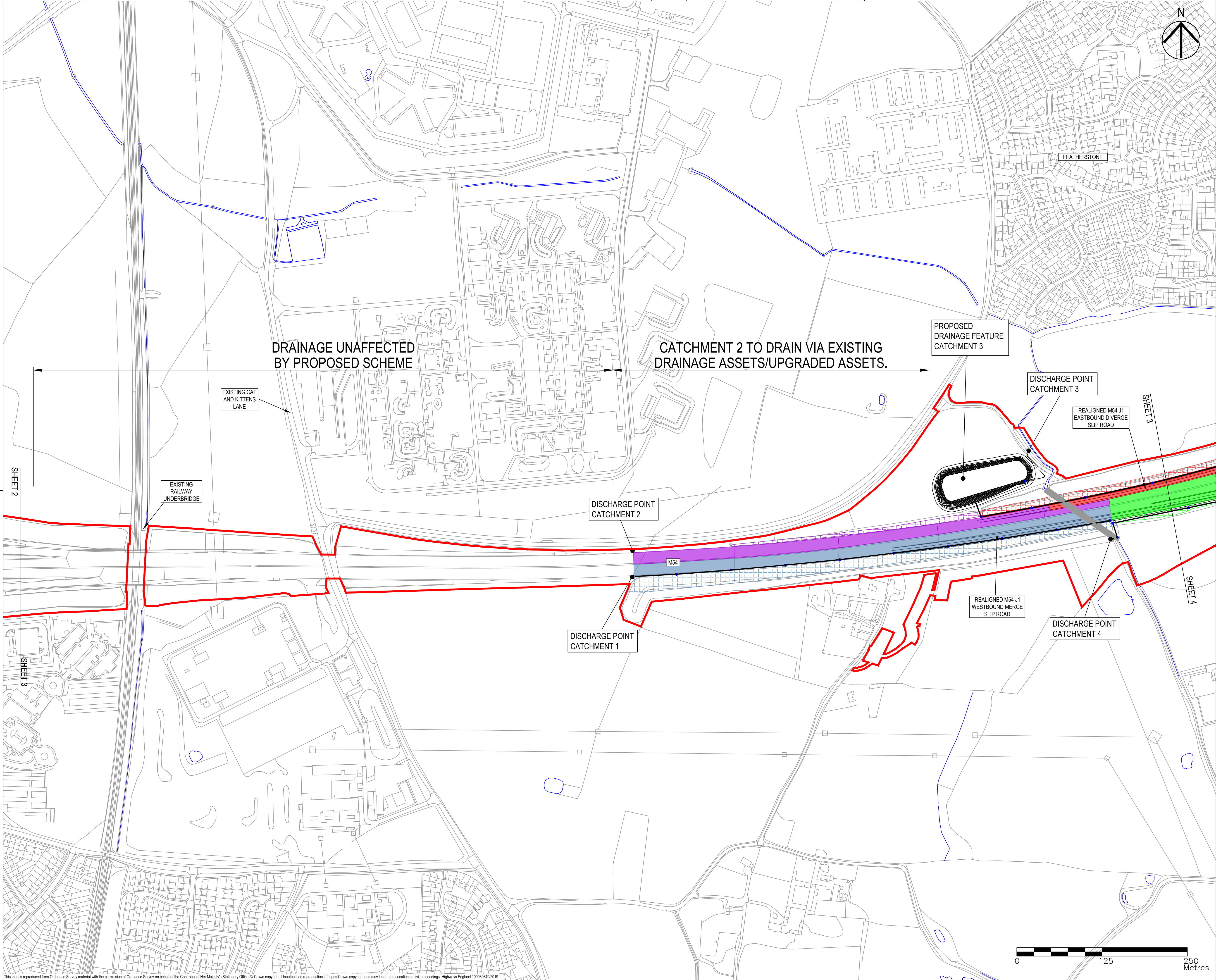


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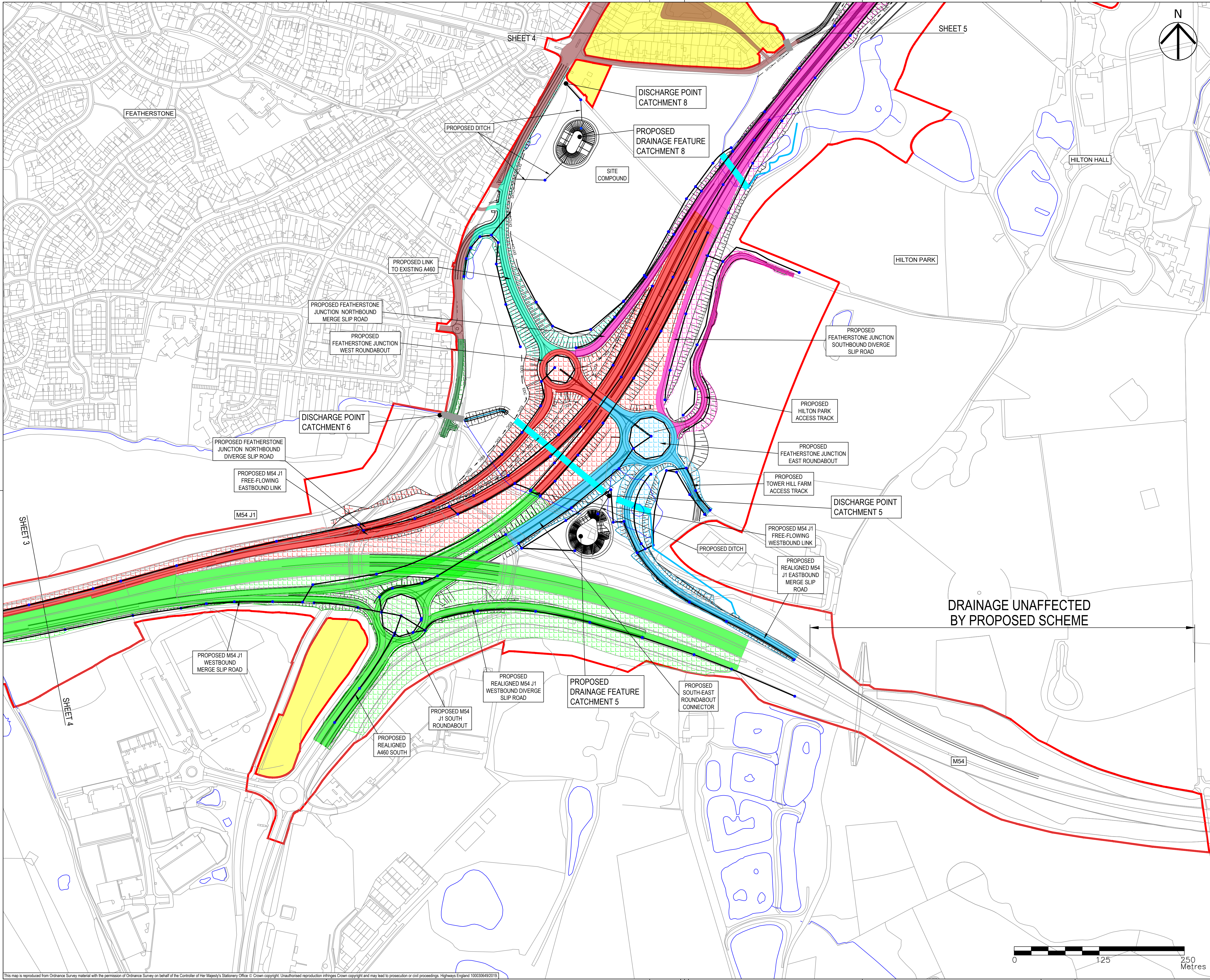
First Issue	SO	RR	14/01/20	P01
Revision Details		By	Date	Suffix
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Purpose of Issue				
DCO APPLICATION				
Client Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN				
Development Consent Order Number TR010054				
Project Title M54 to M6 Link Road				
Development Consent Order Number TR010054/APP/2.11				
Drawing Title DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 2 OF 10				
Designed SO	Drawn SO	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736		Suitability S8		
Scale @ A1 1:2500H/1:2500V		Zone Development Consent Order		
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First Issue	SO	RR	14/01/20	P01
Revision Details		By	Date	Suffix
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Purpose of Issue				
DCO APPLICATION				
Client Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN				
Development Consent Order Number TR010054				
Project Title M54 to M6 Link Road				
Development Consent Order Drawing Number TR010054/APP/2.11				
Drawing Title DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 3 OF 10				
Designed SO	Drawn SO	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736		Suitability S8		
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First Issue	JP	14/01/20	P01
Revision Details	By	Date	Suffix
	Check		

Purpose of Issue

DCO APPLICATION

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



Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.11

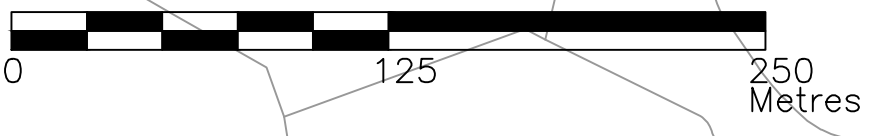
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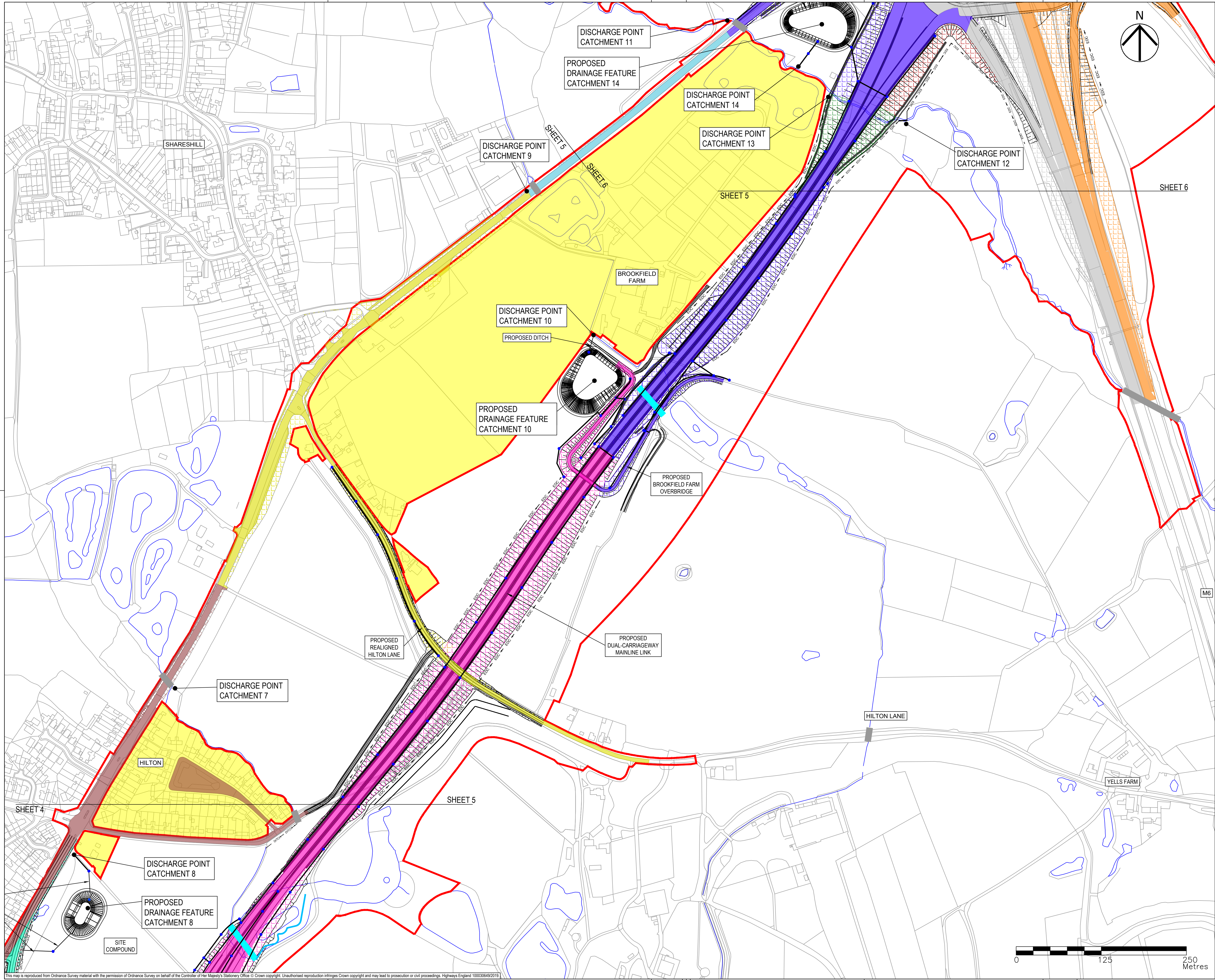
DRAINAGE ENGINEERING
REGULATION 5(2)(O)
SHEET 4 OF 10

Designed SO	Drawn JP	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736			Suitability S8	
Scale @ A1 1:2500H/1:2500V			Zone Development Consent Order	

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Location Z1_SW_PR_Z	I Type I Role I Number			





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DCO APPLICATION

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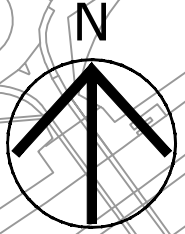
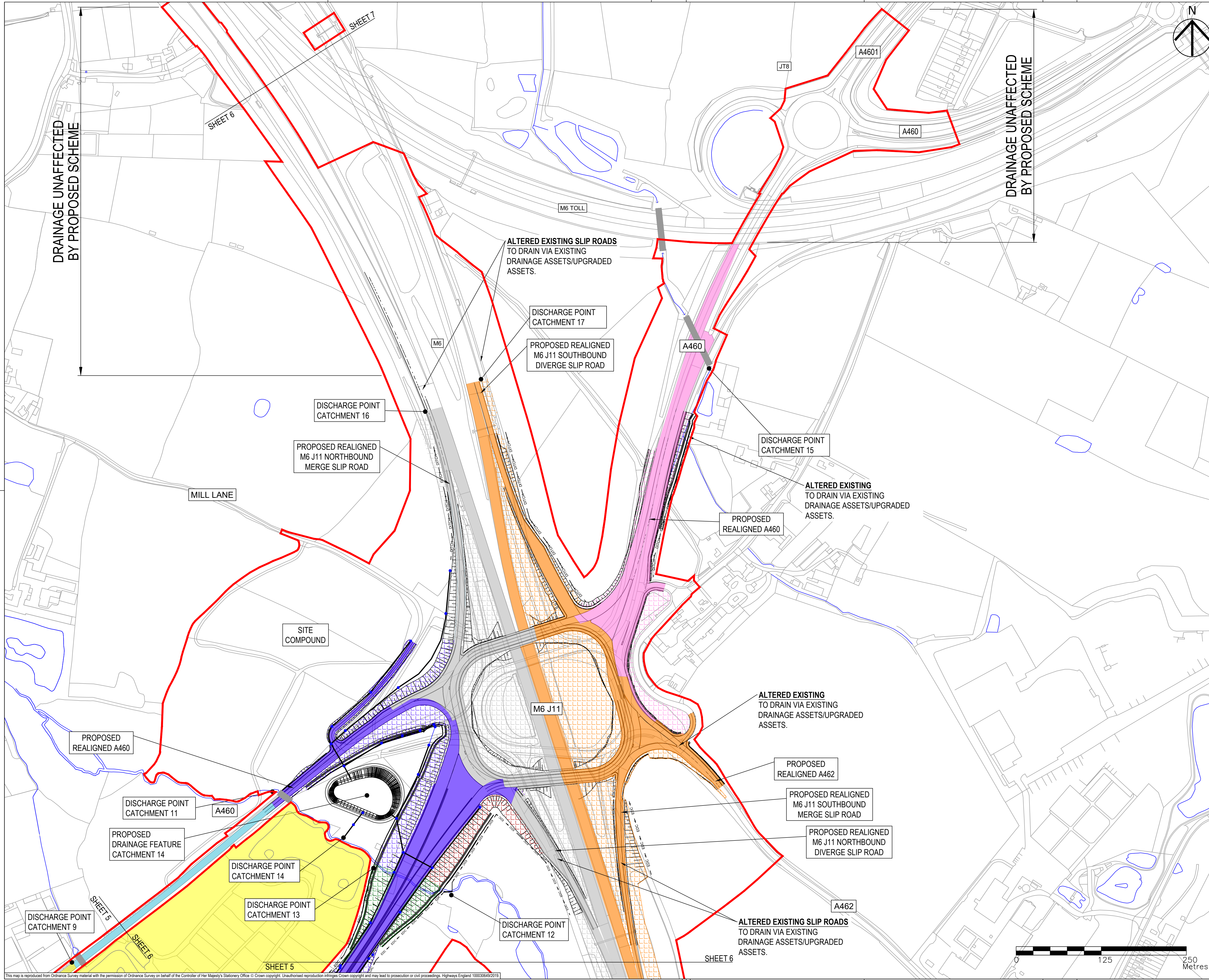
Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.11

Drawing Title
**DRAINAGE ENGINEERING
REGULATION 5(2)(O)
SHEET 5 OF 10**

Designed SO	Drawn JP	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736		Suitability S8		
Scale @ A1 1:2500H/1:2500V		Zone Development Consent Order		
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Z2 SW PR Z		DR-CD-1705		
Location		I Type	I Role	I Number



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Purpose of Issue

DCO APPLICATION

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Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

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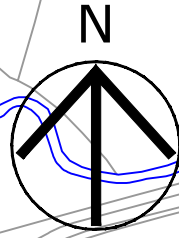
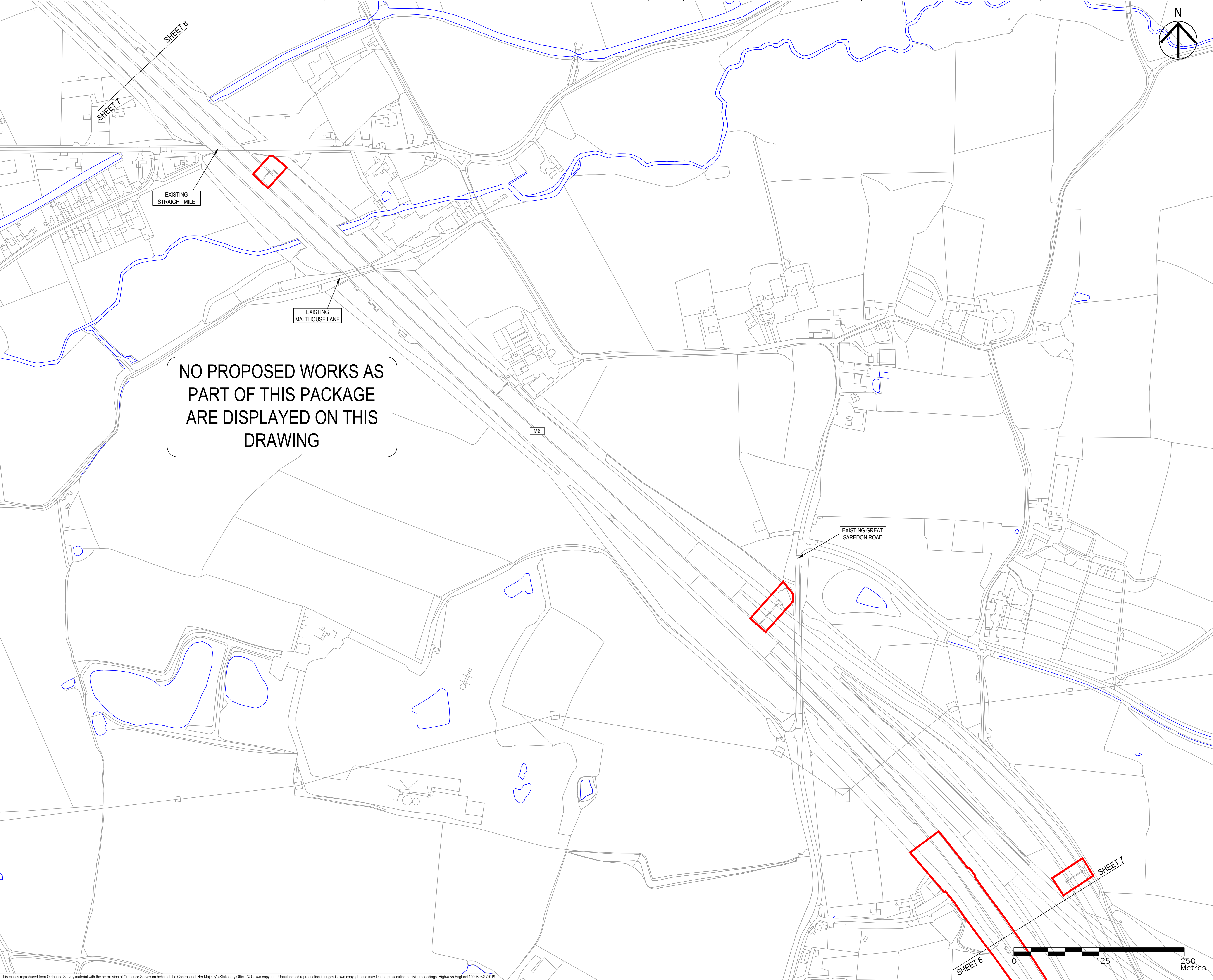
Drawing Title

**DRAINAGE ENGINEERING
REGULATION 5(2)(O)
SHEET 6 OF 10**

Designed SO	Drawn JP	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736		Suitability S8		
Scale @ A1 1:2500H/1:2500V		Zone Development Consent Order		

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Drawing Number Highways England PIN HE514465	I Originator -ACM	I Volume -DCO -	Rev P01
Location Z3 SW_PR_Z	I Type -DR-CD-1706	I Role I Number	



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 - PROPOSED CULVERT
 - EXISTING DRAINAGE DITCH
 - PROPOSED DRAINAGE DITCH
 - CHAMBER (AND ASSOCIATED PIPEWORK)
 - EDC
 - EARTHWORK DRAINAGE
 - PROPOSED CATCHMENT 1
 - PROPOSED CATCHMENT 2
 - PROPOSED CATCHMENT 3
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 - PROPOSED CATCHMENT 17

First Issue	SO	RR	14/01/20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue	DCO APPLICATION
Client	Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN
Development Consent Order Number	TR010054
Project Title	M54 to M6 Link Road

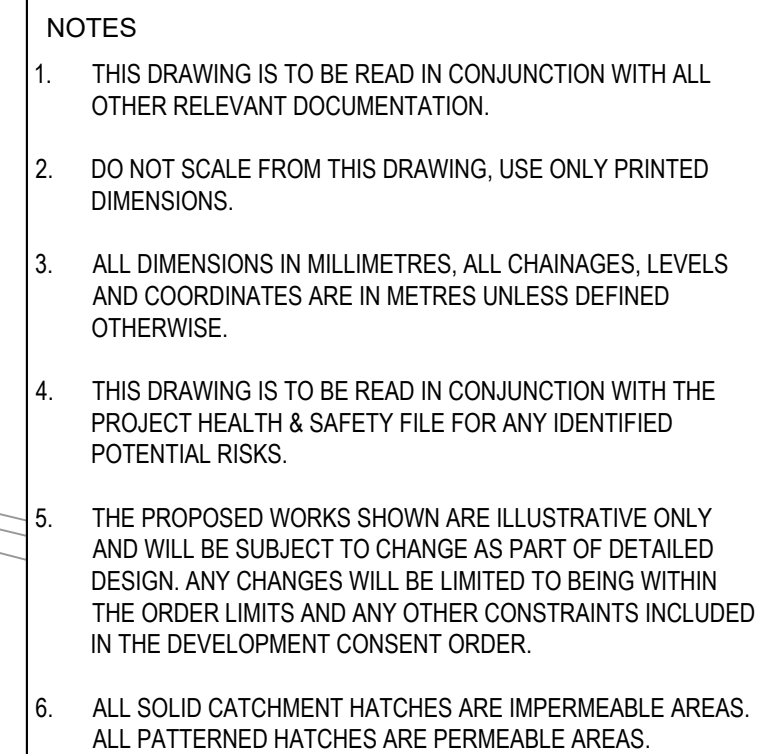
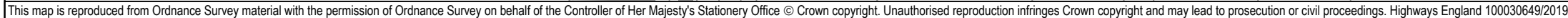
Development Consent Order Drawing Number	TR010054/APP/2.11
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Drawing Title	DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 7 OF 10
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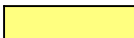


























Designed	SO	Drawn	SO	Checked	SB	Approved	RR	Date	14/01/20
Internal Project No.	60536736	Suitability	S8	Zone	Development Consent Order				
Scale @ A1	1:2500H/1:2500V								

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Drawing Number	HE514465	Originator	-ACM	Volume	-DCO-	Rev	P01
Location	Z3 SW_PR_Z	I Type	-DR-CD-	I Role	1707		



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First Issue	SO RR	14/01/20	P01
Revision Details	By Check	Date	Suffix

Purpose of issue	DCO APPLICATION
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Development Consent Order Number
TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.11

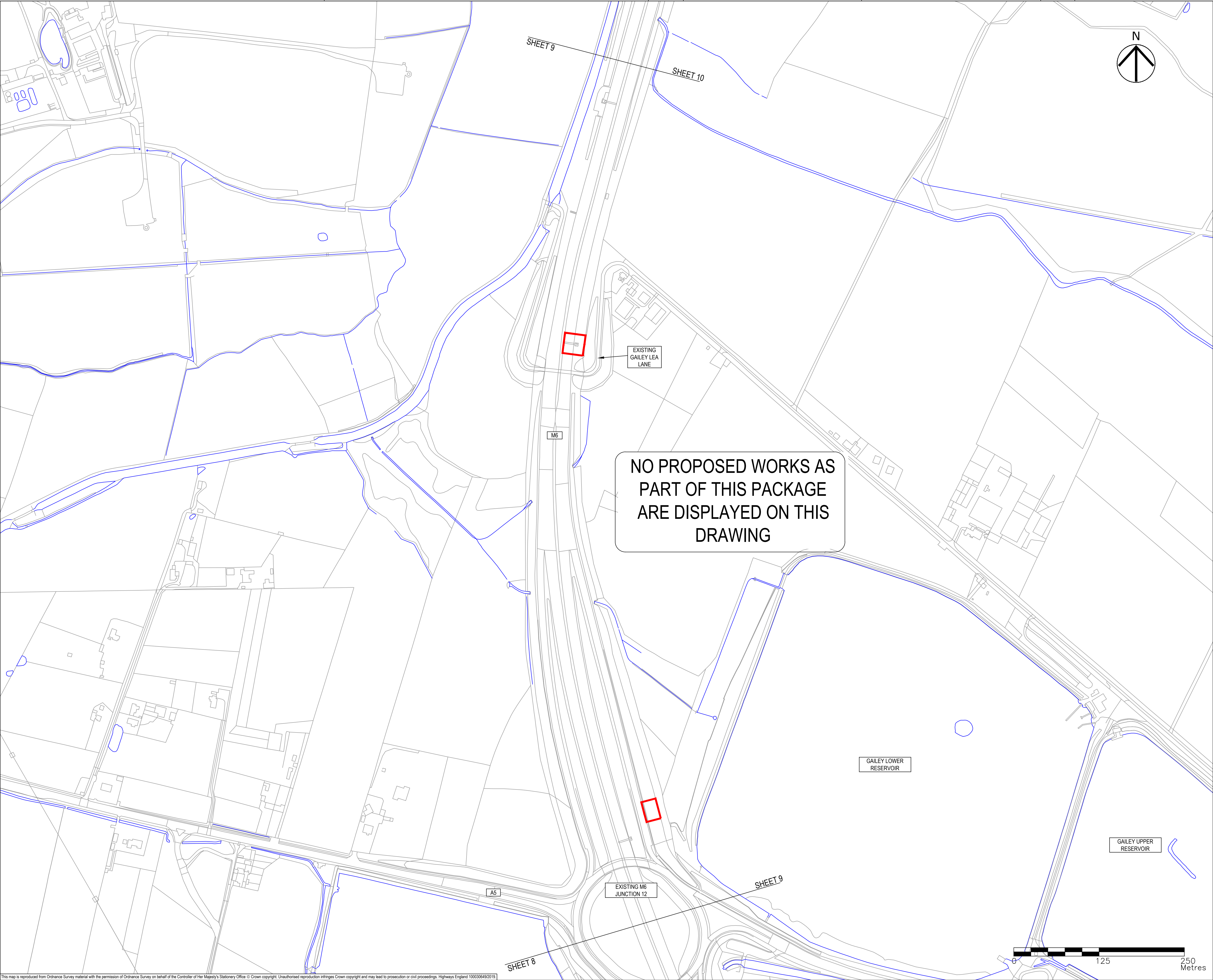
Drawing Title

**DRAINAGE ENGINEERING
REGULATION 5(2)(O)
SHEET 8 OF 10**

Designed SO	Drawn SO	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736			Suitability S8	
Scale @ A1 1:2500H/1:2500V			Zone Development Consent Order	

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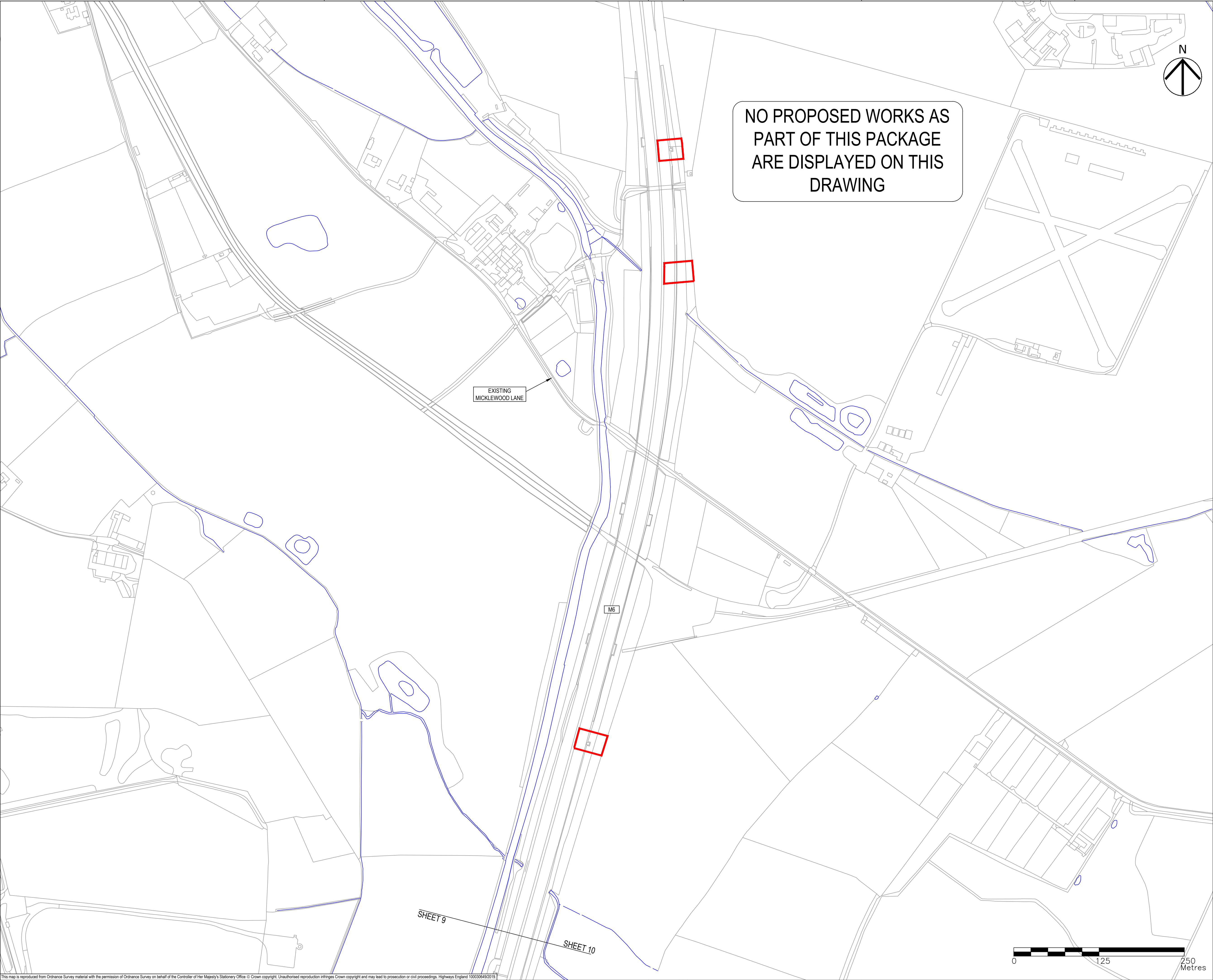
Drawing Number Highways England PIN HE514465 Z3_SW_PR_Z Location	I Originator -ACM	I Volume -DCO - -DR-CD-1708	Rev P01
	I Type	I Role	I Number



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First Issue	SO	RR	14/01/20	P01
Revision Details	By	Check	Date	Suffix
Purpose of Issue				
DCO APPLICATION				
Client Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN				
Development Consent Order Number TR010054				
Project Title M54 to M6 Link Road				
Development Consent Order Drawing Number TR010054/APP/2.11				
Drawing Title DRAINAGE ENGINEERING REGULATION 5(2)(O) SHEET 9 OF 10				
Designed SO	Drawn SO	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736		Suitability S8		
Scale @ A1 1:2500H/1:2500V		Zone Development Consent Order		
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First Issue	SO	RR	14/01/20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

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



Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.11

Drawing Title

**DRAINAGE ENGINEERING
REGULATION 5(2)(O)
SHEET 10 OF 10**

Designed SO	Drawn SO	Checked SB	Approved RR	Date 14/01/20
Internal Project No. 60536736		Suitability S8		
Scale @ A1 1:2500H/1:2500V		Zone Development Consent Order		

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Z3_SW_PR_Z		-DR-CD-1710	
Location	I Type	I Role	I Number