

M5 Junction 10 Improvements Scheme

Project Design Report - Part 2

TR010063 - APP 9.47

Rule 8 (1) (b)
Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

Volume 9
September 2024

Infrastructure Planning Planning Act 2008

The Infrastructure Planning (Examination Procedure) Rules 2010

M5 Junction 10 Improvement Scheme Development Consent Order 202[x]

Project Design Report - Part 2

Rule Number:	Rule 8 (1) (b)
Planning Inspectorate Scheme Reference	TR010063
Application Document Reference	TR010063/APP/9.47
Author:	M5 Junction 10 Improvements Scheme Project Team

Version	Date	Status of Version
Rev 0	July 2024	Deadline 3
Rev 1	September 2024	Deadline 4

M5 Junction 10 Improvements Scheme

Project Design Report

Date: 15/06/23

Status: A1 APPROVED - PUBLISHED



Contents

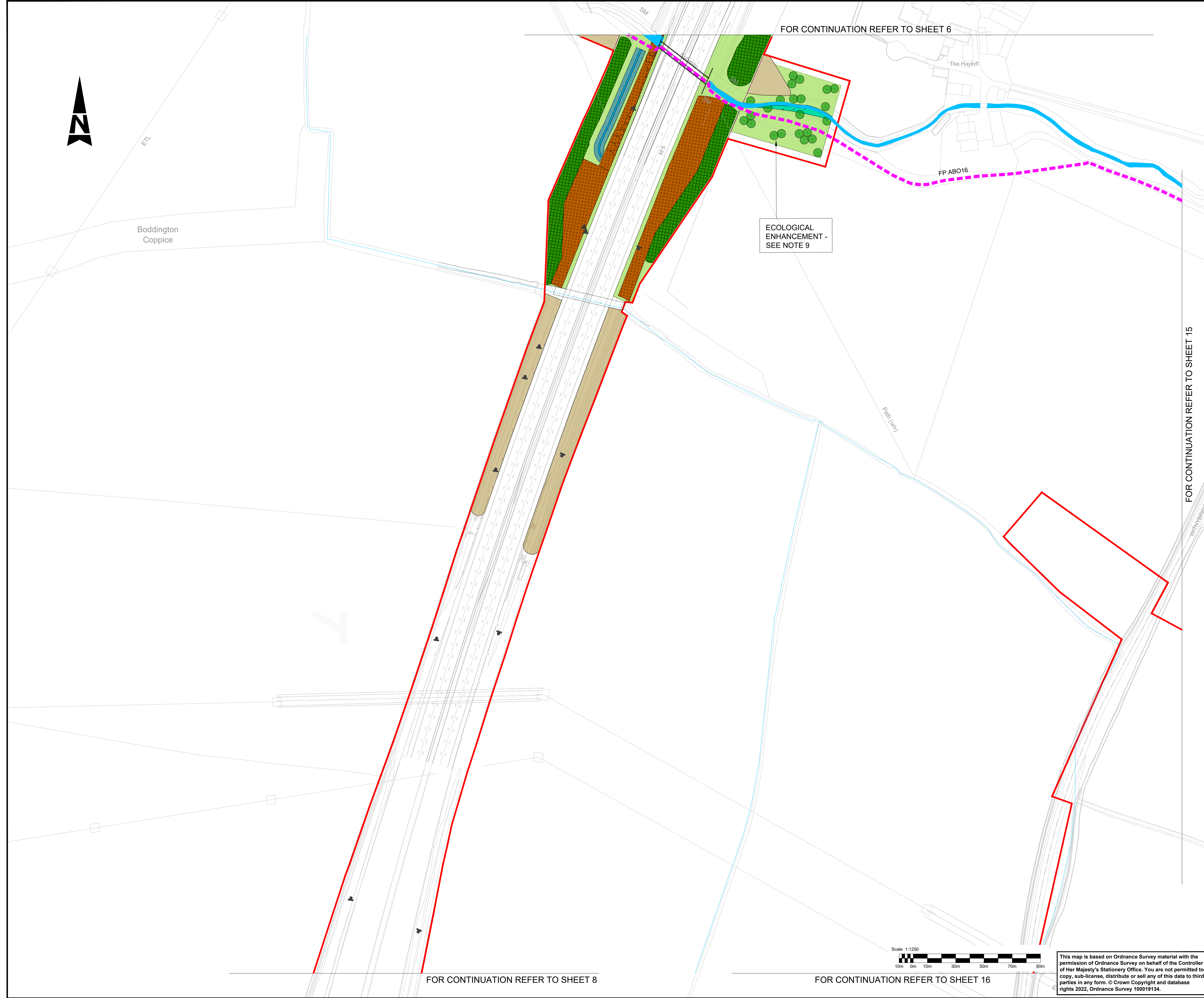
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Appendix E. Environmental Masterplan for the Scheme

Environmental masterplan comprises 18 sheets

Appendix E. Environmental Masterplan for the Scheme

Document title	Location of plan
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Environmental Master Plan Key	Part 1
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Proposed Indicative River Chelt Link Road River Cross-Sections	Part 2

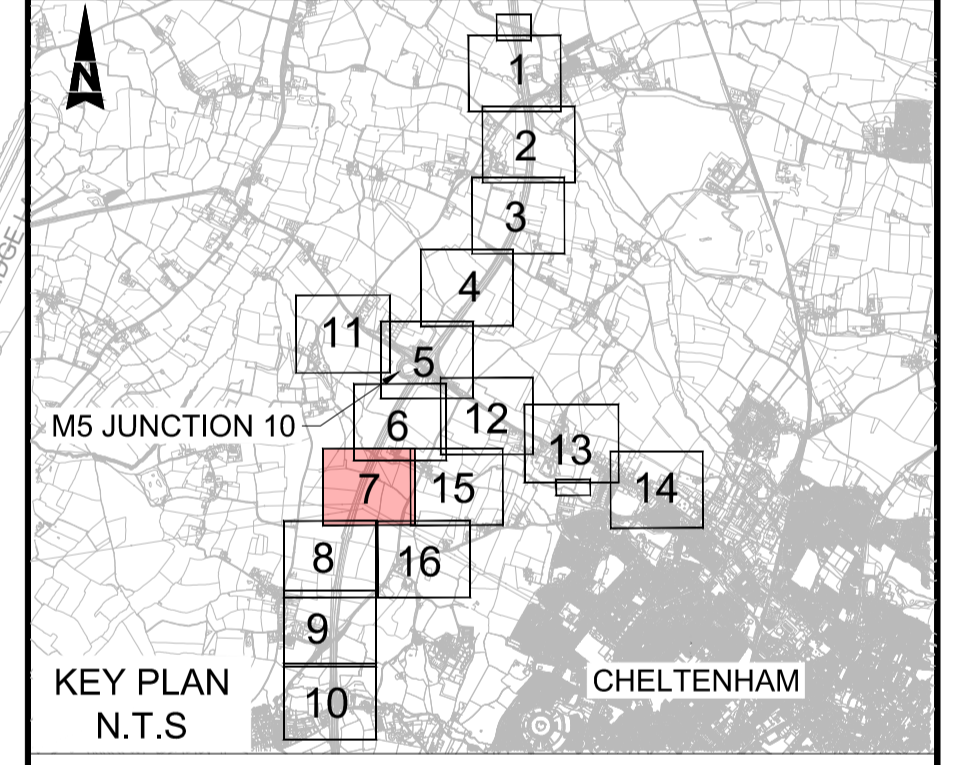


FOR CONTINUATION REFER TO SHEET 6

ECOLOGICAL ENHANCEMENT - SEE NOTE 9

- NOTES:**
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
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FOR CONTINUATION REFER TO SHEET 15



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Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	SS	SS	CDC	BM	27/06/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

Project Title
M5 Junction 10 Improvements Scheme

Drawing Title
**ENVIRONMENTAL MASTER PLAN
SHEET 07 OF 16**

Drawing Number
GCCM5J10 ATK ELS
ZZ DR LL 000123

Original Size: A1 Scale: AS SHOWN Project Ref. No.: 5197035 Sheet: 7 of 16 Rev: C01



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FOR CONTINUATION REFER TO SHEET 8

FOR CONTINUATION REFER TO SHEET 16



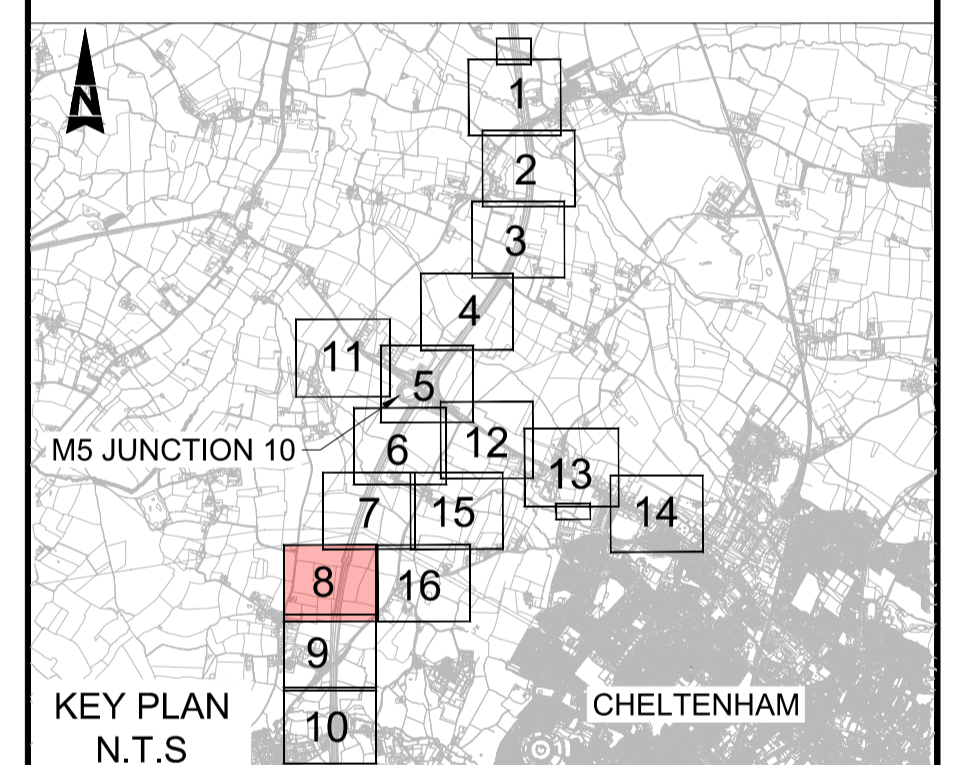
FOR CONTINUATION REFER TO SHEET 7

FOR CONTINUATION REFER TO SHEET 9



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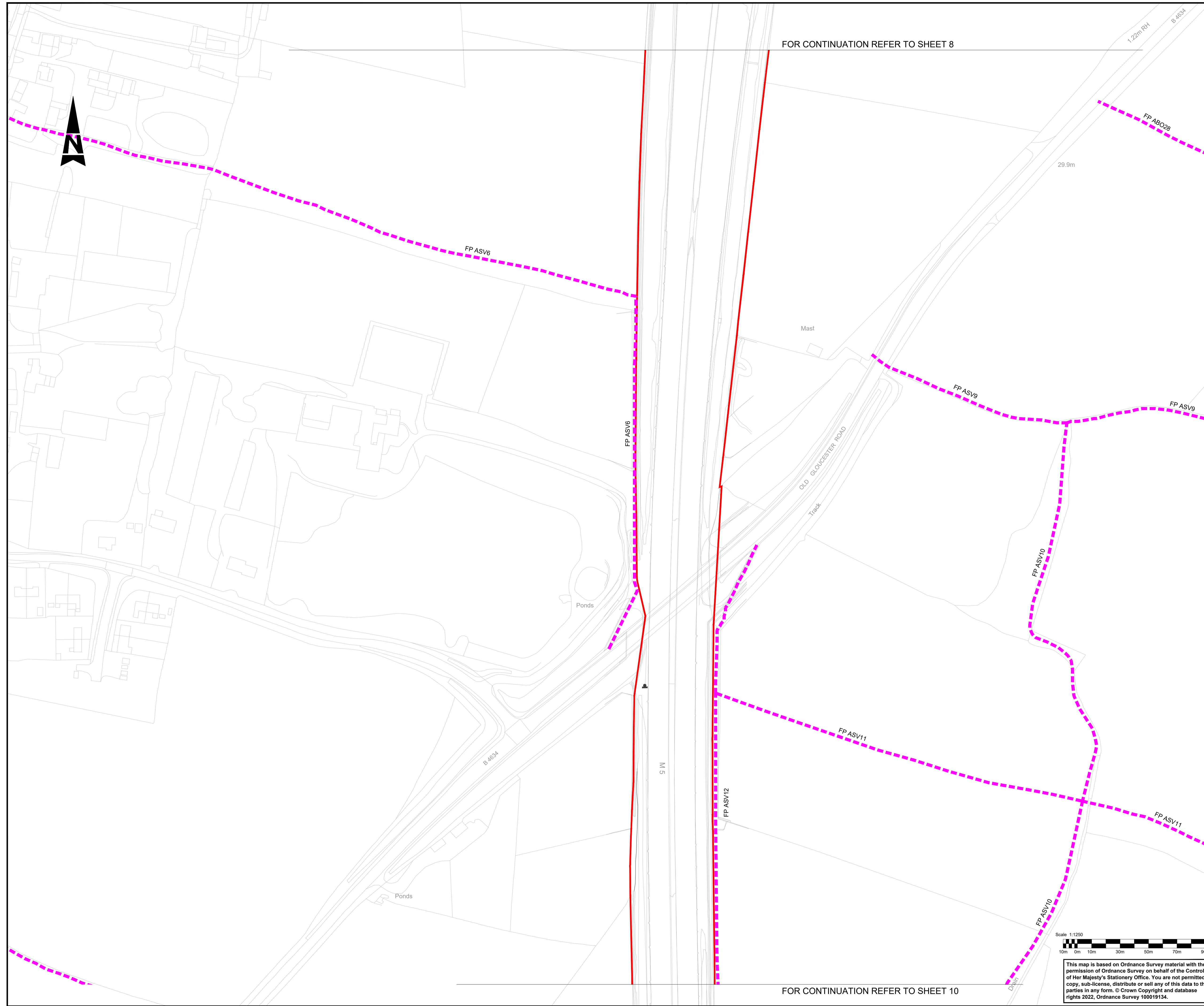
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Drawing Suitability						Status
APPROVED - PUBLISHED						A1

Project Title
M5 Junction 10 Improvements Scheme

Drawing Title
**ENVIRONMENTAL MASTER PLAN
SHEET 08 OF 16**

Drawing Number
GCCM5J10 ATK ELS
ZZ DR LL 000124

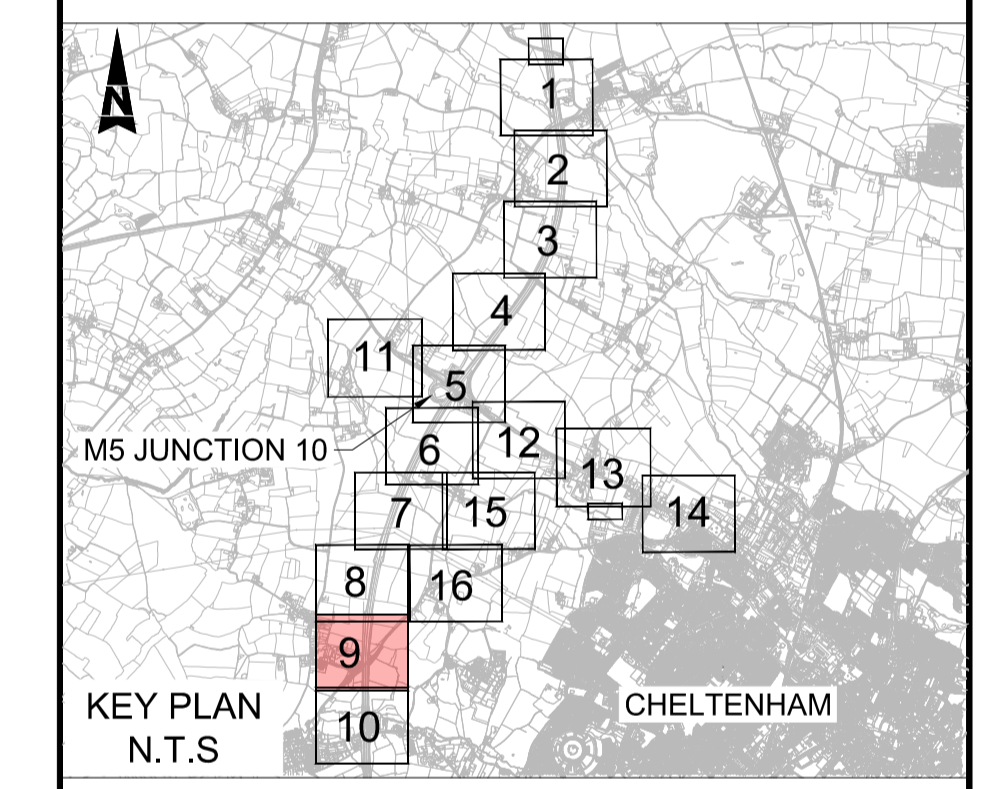
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FOR CONTINUATION REFER TO SHEET 10

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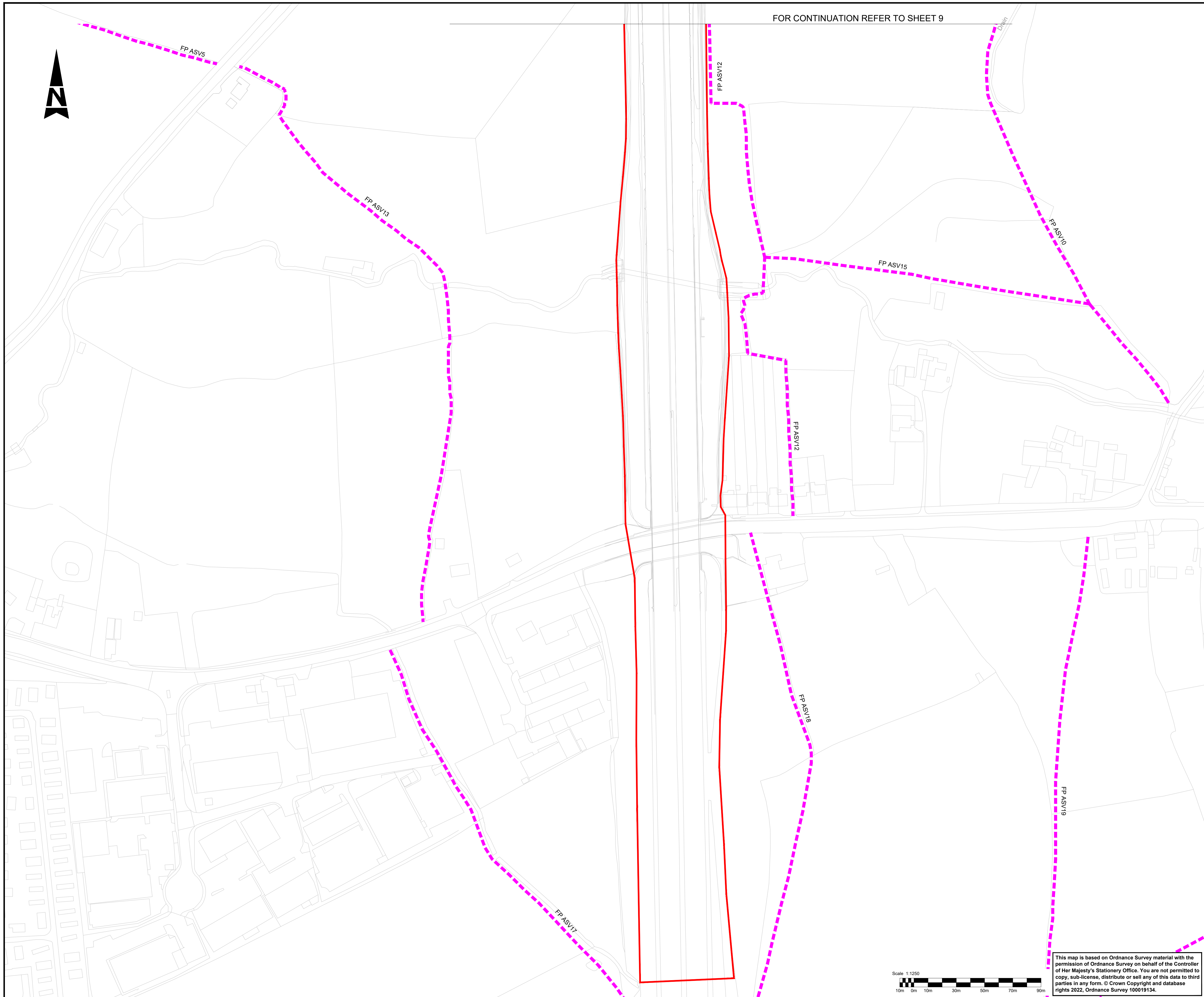


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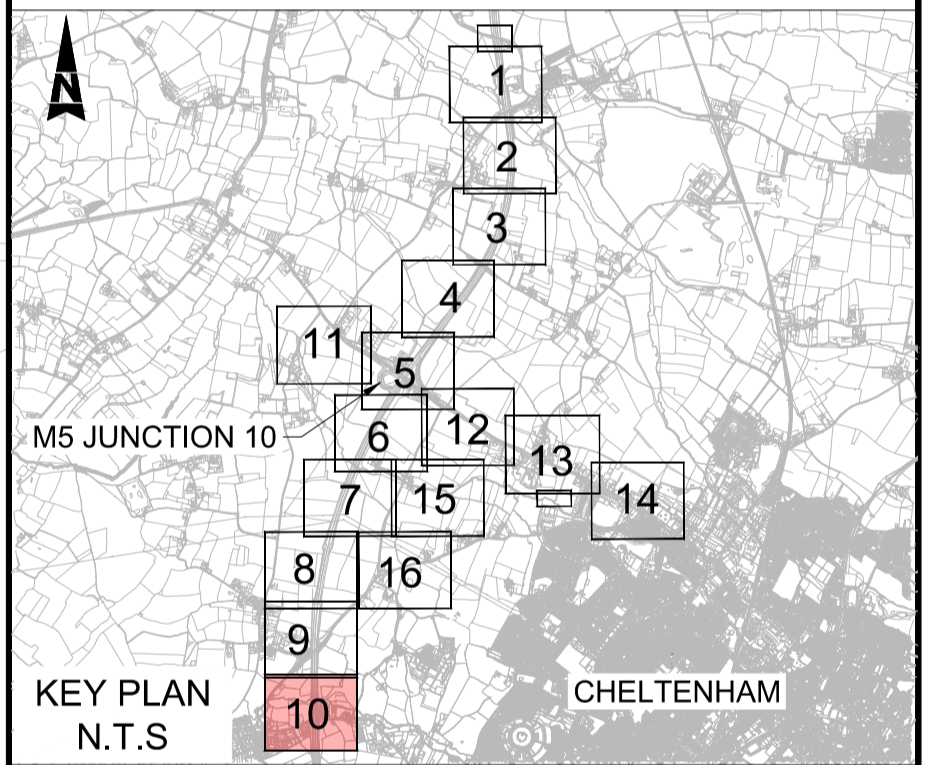
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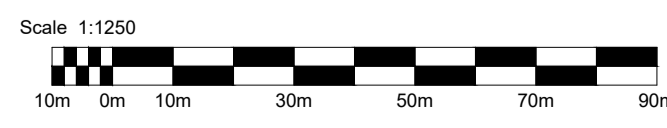
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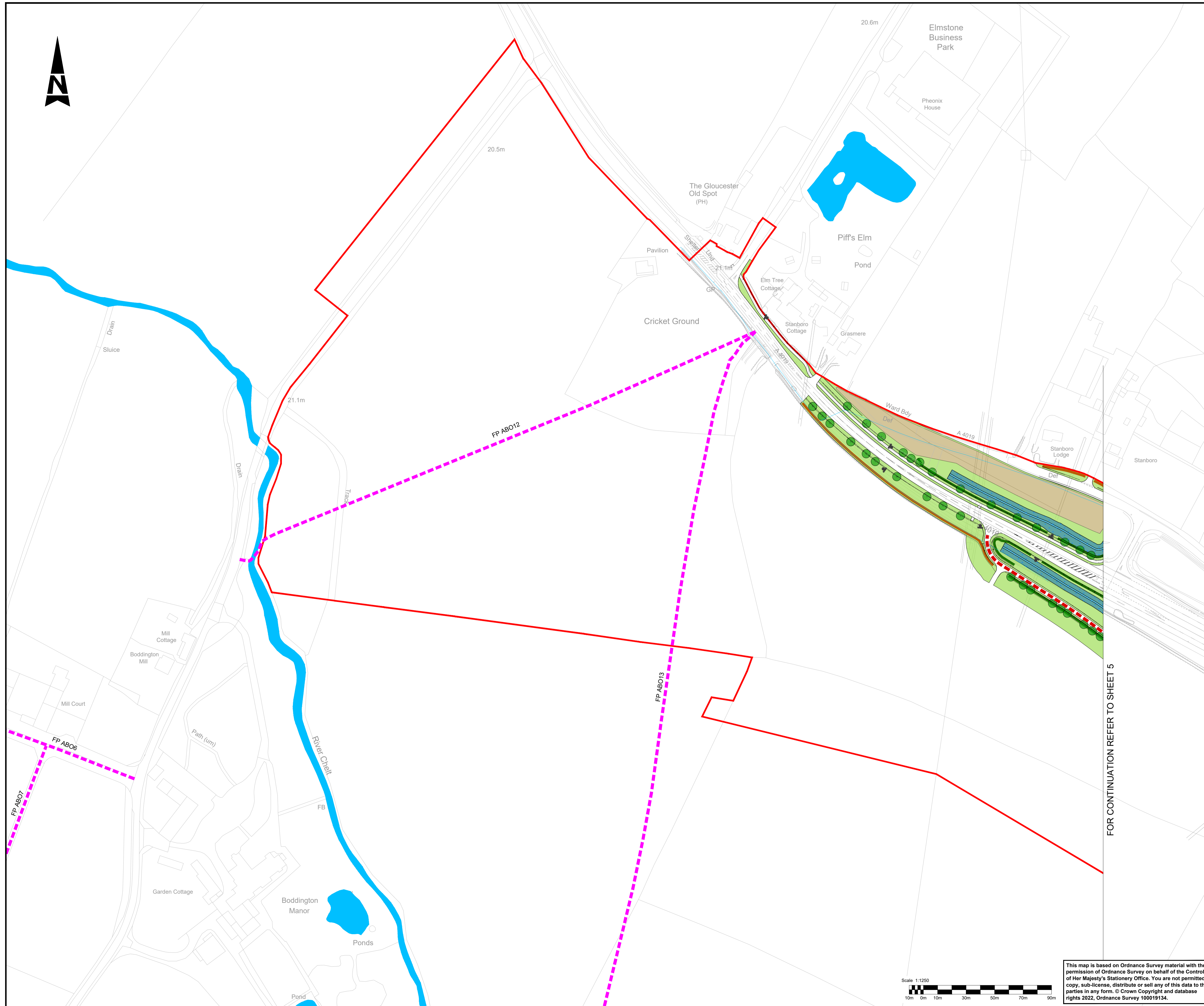


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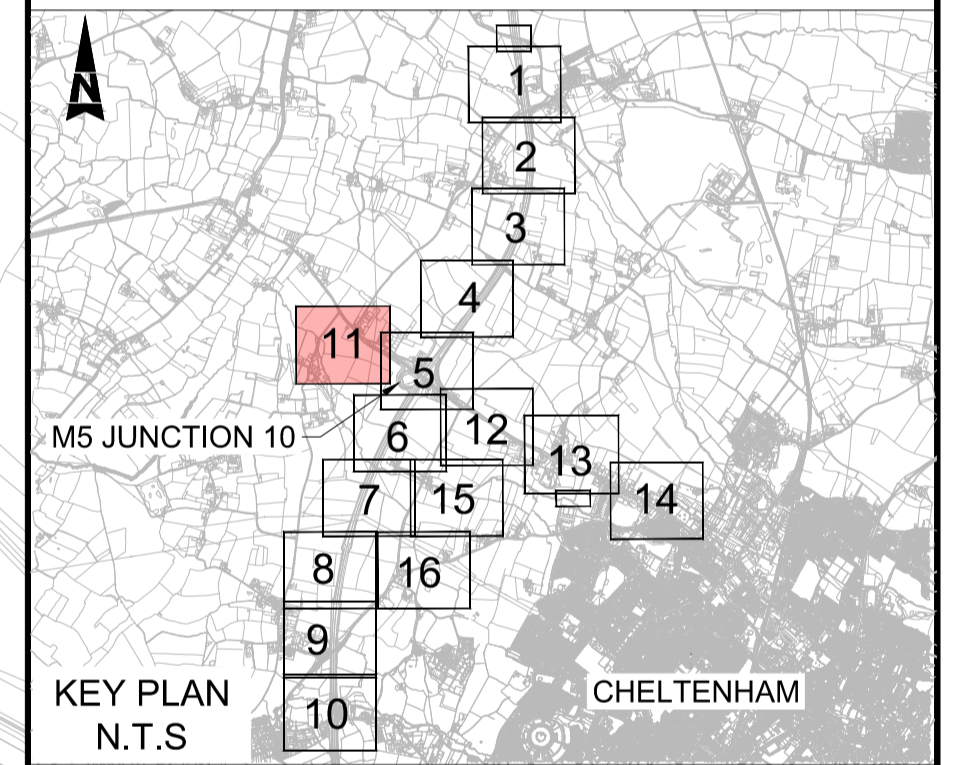
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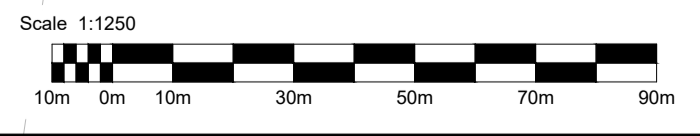
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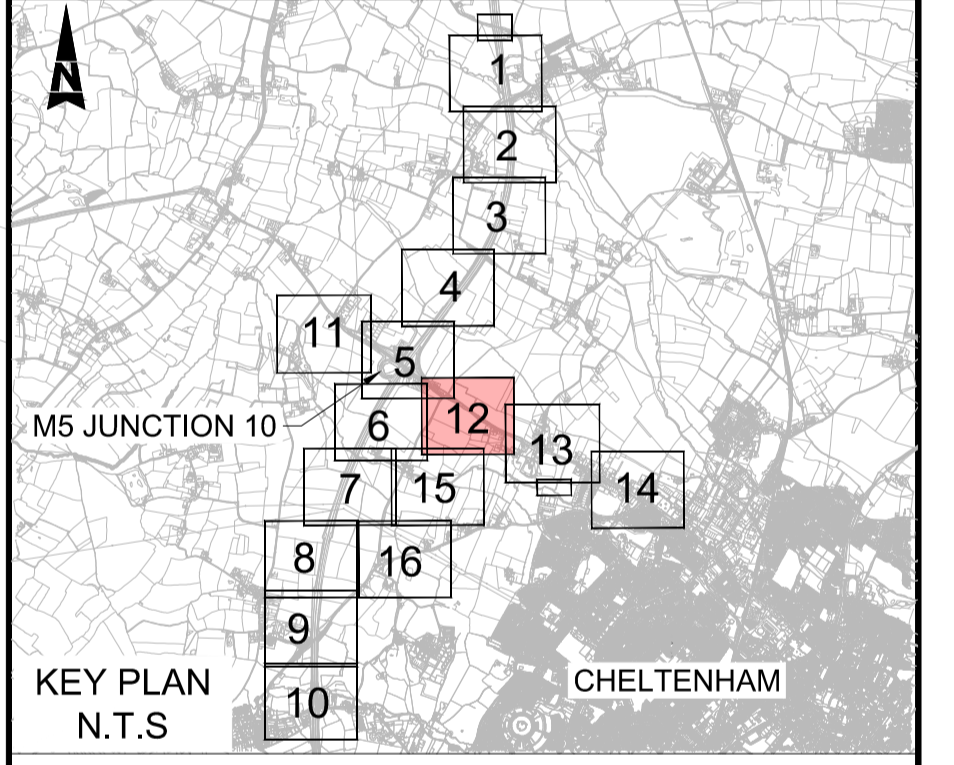
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Rev: C01	



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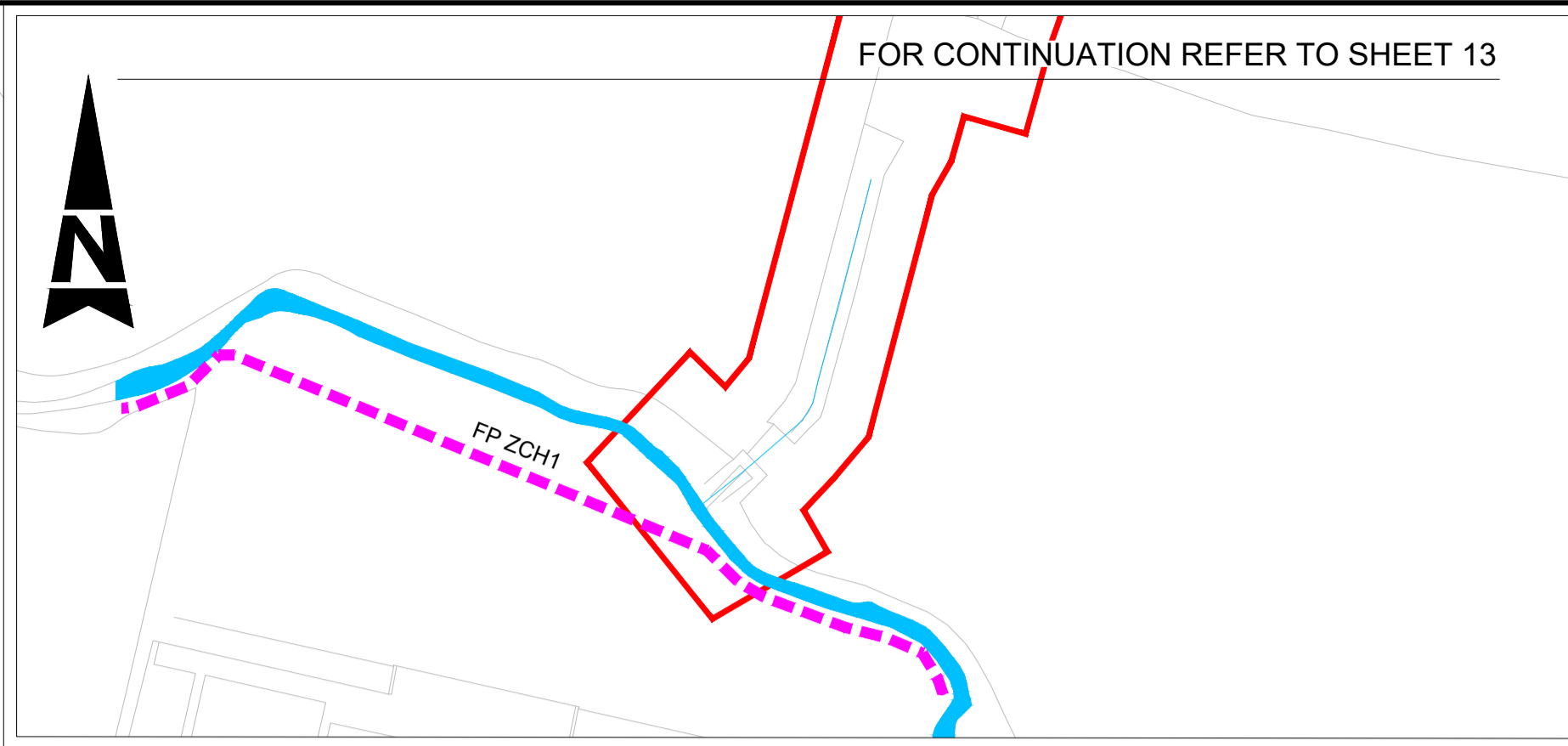
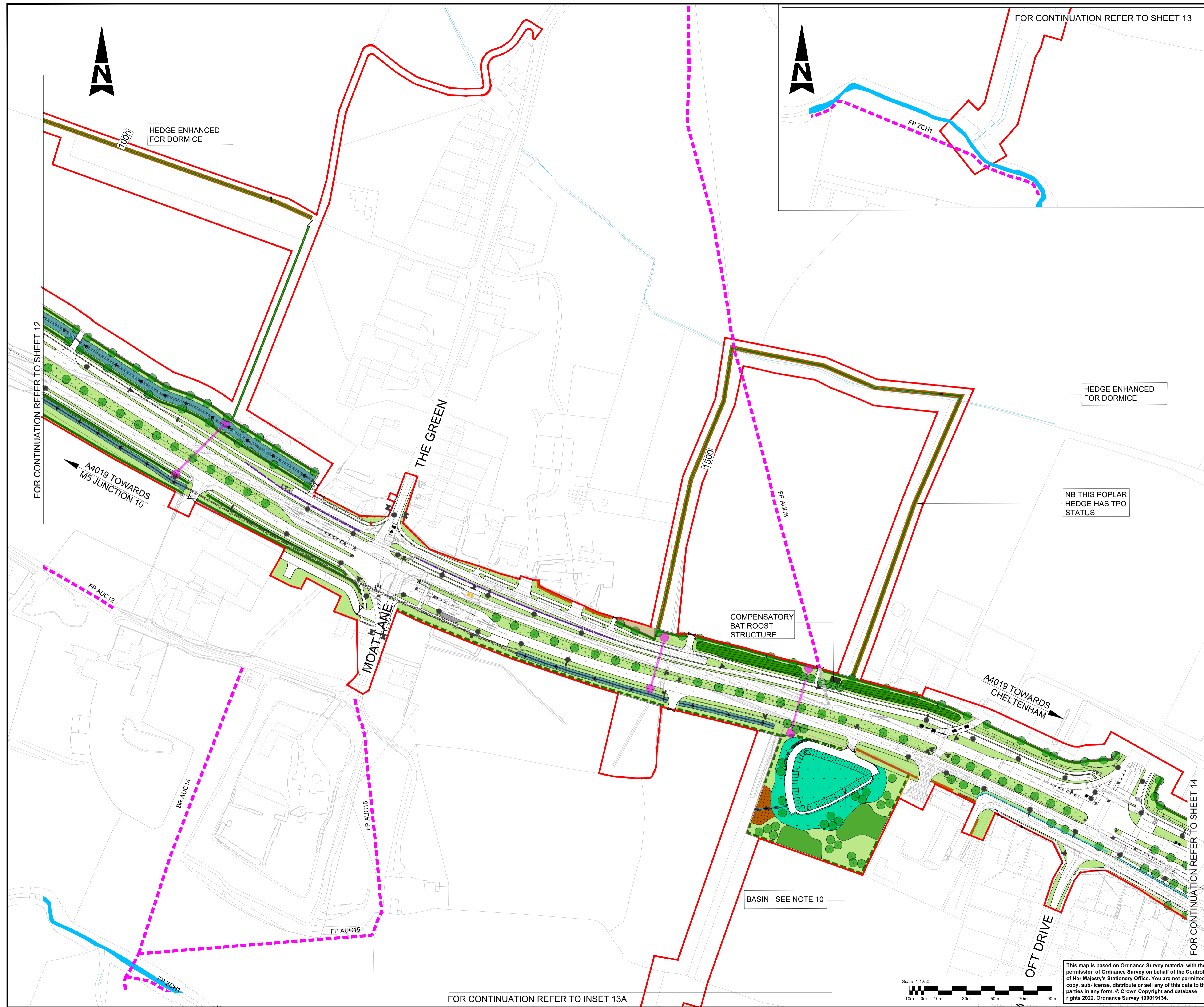


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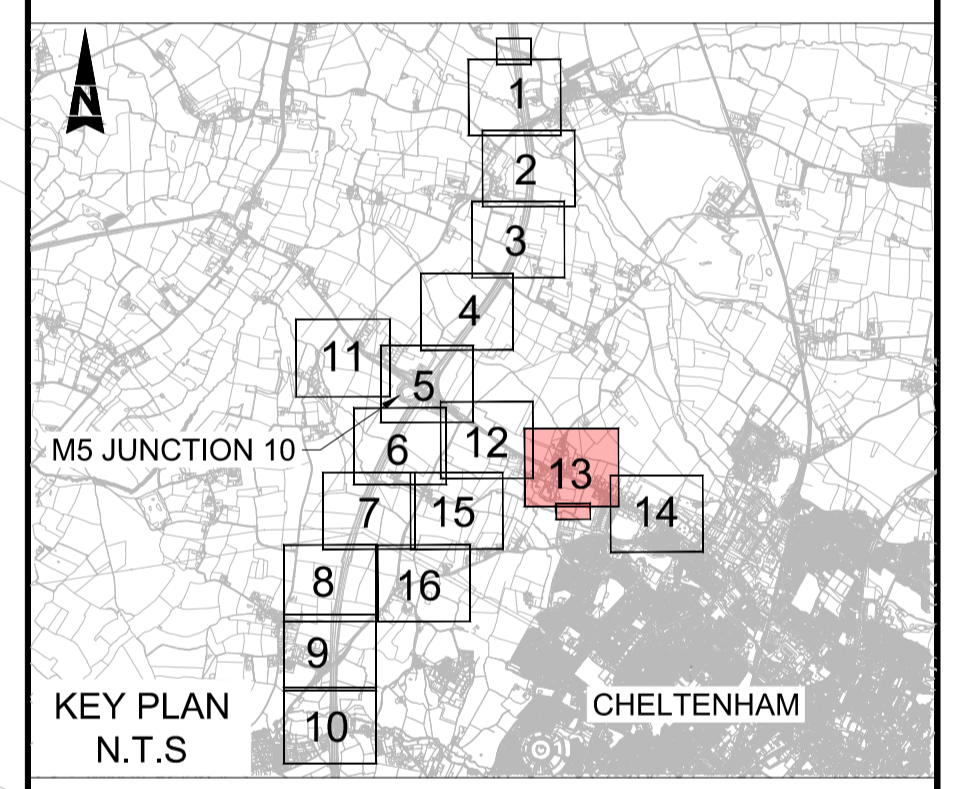


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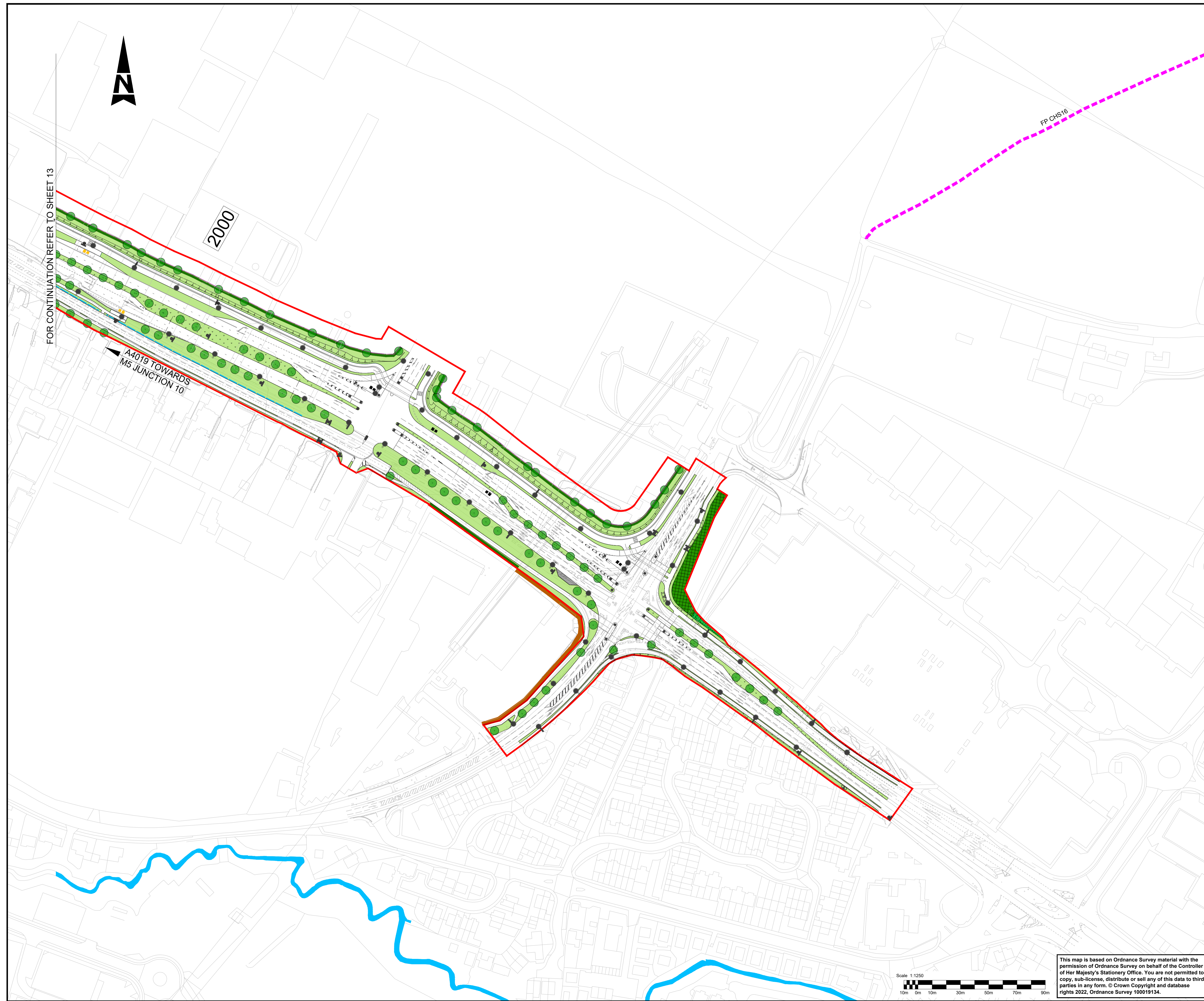
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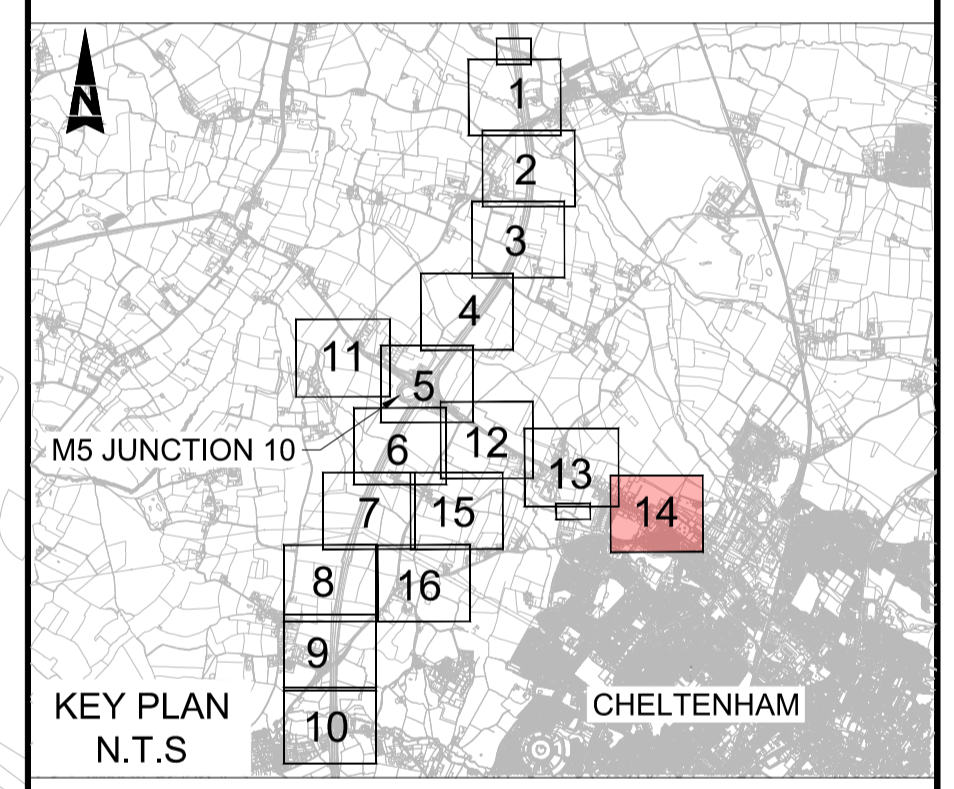
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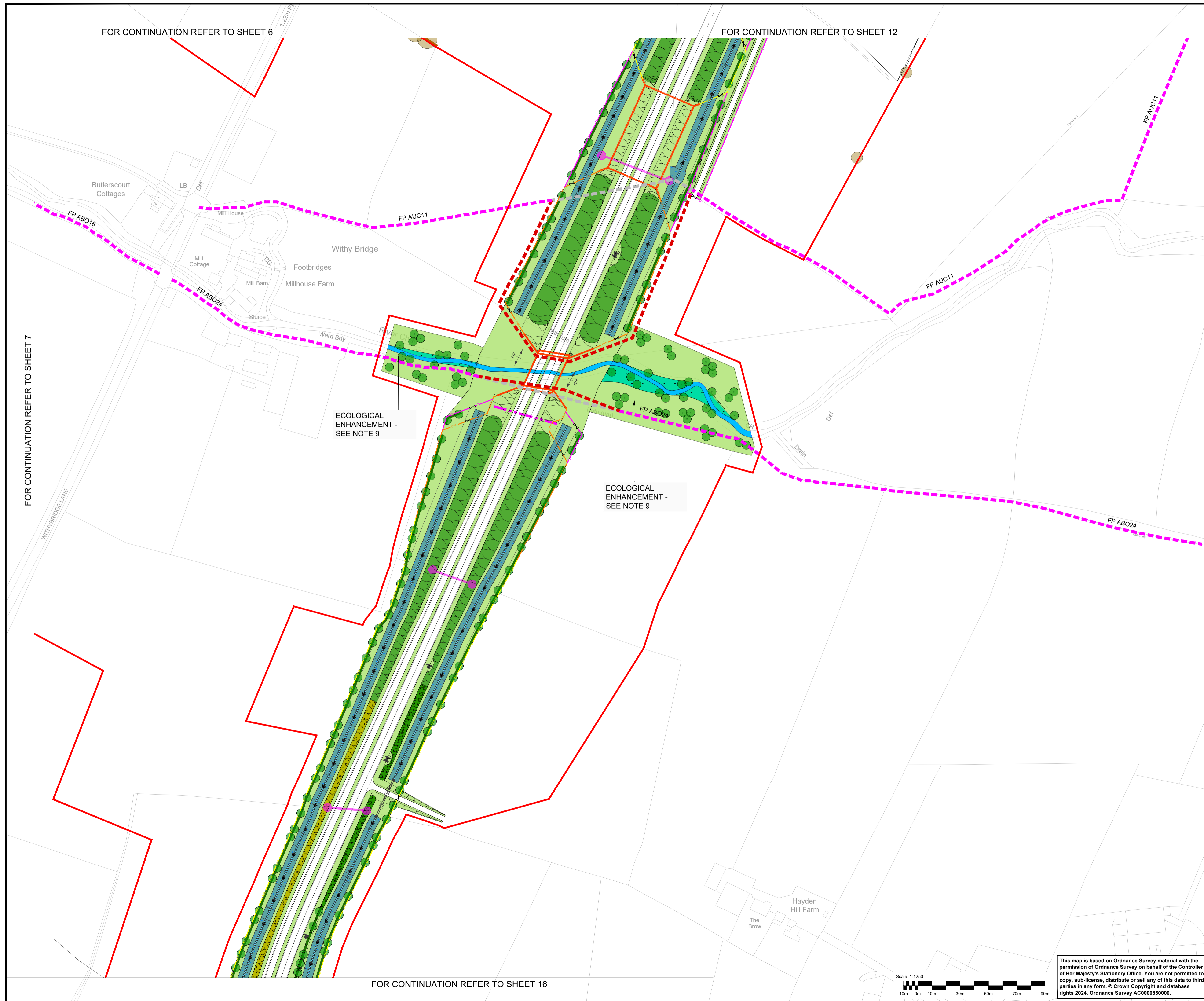
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1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 2. THE WORKS PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND LANDSCAPE DRAWINGS
 3. BUS STOPS TO CONSIDER HAVING GREEN ROOFS.
 4. BADGER FENCE LINE WILL ALSO BE OTTER PROOF.
 5. SIGNAGE: SIGHT LINES HAVE BEEN TAKEN INTO CONSIDERATION WITHIN THE LANDSCAPE DESIGN PROPOSAL, TO BE RESOLVED FURTHER IN THE DETAIL DESIGN STAGE.
 6. ALLOWANCE HAS BEEN MADE FOR ARTIFICIAL BADGER SETTS WITHIN THE ORDER LIMITS TO REPLACE THOSE LOST. LOCATIONS ARE NOT SHOWN ON THIS PLAN DUE TO THE PERSECUTION FACED BY BADGERS, BUT ARE INCLUDED IN THE DRAFT BADGER LICENCE. ARTIFICIAL SETTS TO INCLUDE APPROPRIATE PLANTING.
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 10. ATTENUATION BASIN TO INCLUDE FEATURES TO ENHANCE BIODIVERSITY SUCH AS SUBMERGED AND MARGINAL PLANTING; VARIATIONS IN BED TOPOGRAPHY; SHALLOW BANK SLOPES TO CREATE DRAWDOWN ZONES; ISLAND FEATURES; AND MARGINAL SHELVES. ADDITIONAL SURROUNDING PLANTING SHOULD ALSO BE INCLUDED TO HELP EMBED THE POND INTO THE LANDSCAPE. USE OF GRASSCRETE OR SIMILAR TO MAINTENANCE TRACK WHERE APPROPRIATE/FEASIBLE.



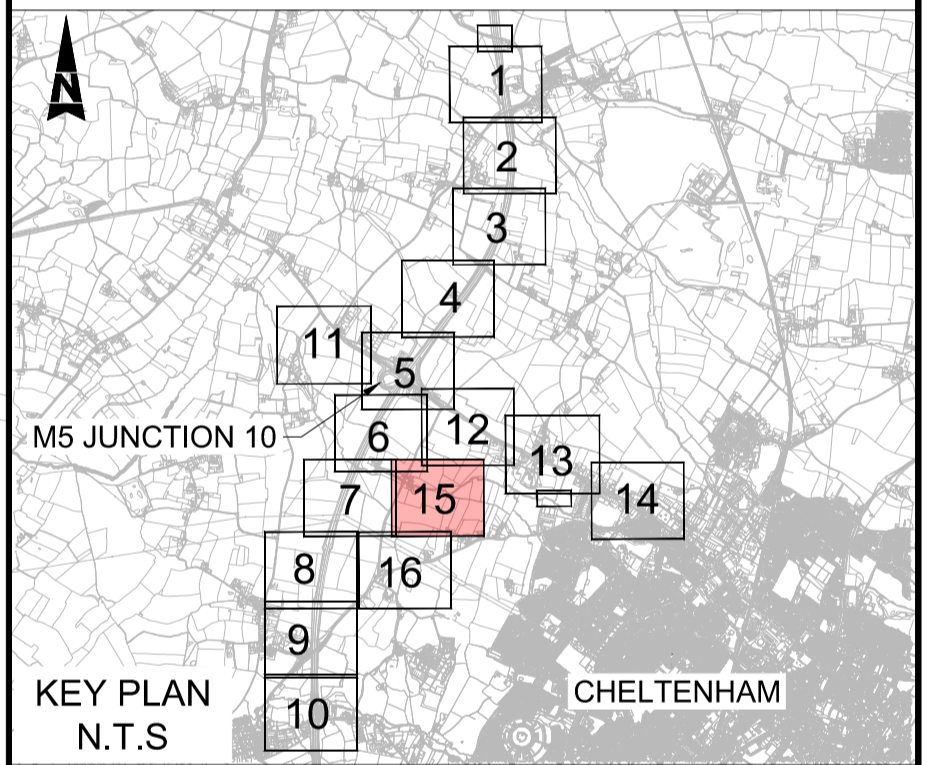
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Design Fix 3 – Final (Bus Lane Update)						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	SS	SS	CDC	BM	27/06/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

Project Title			
M5 Junction 10 Improvements Scheme			
Drawing Title			
ENVIRONMENTAL MASTER PLAN SHEET 14 OF 16			
Drawing Number			
GCCM5J10	ATK	ELS	
ZZ	DR	LL	000130
Original Size: A1	Scale: 1:1250	Project Ref. No: 5197035	Sheet: 14 of 16 Rev: C01

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NOT USED							
A1	C01	YP	YP	YP	YP	YP	02/07/24
Amendment to PRow FP AUC11							
A1	C02	AC	SS	CDC	LJ		02/09/24

APPROVED - PUBLISHED A1

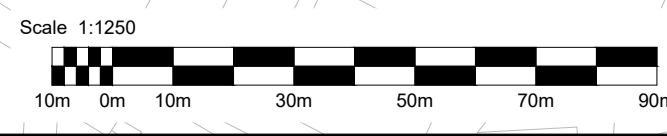
M5 Junction 10 Improvements Scheme

ENVIRONMENTAL MASTER PLAN
SHEET 15 OF 16

GCCM5J10 ATK ELS
ZZ DR LL 400131

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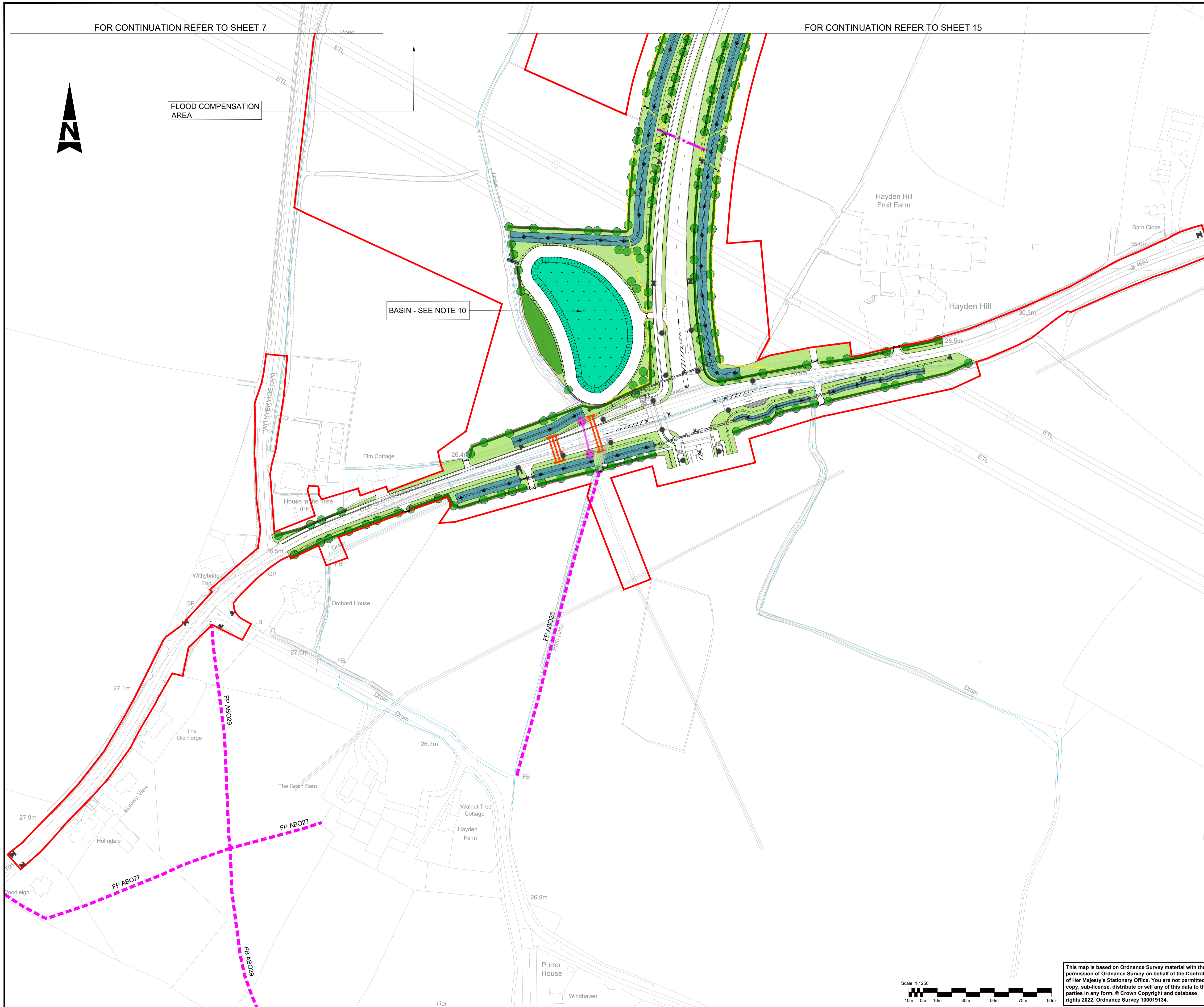
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FOR CONTINUATION REFER TO SHEET 15

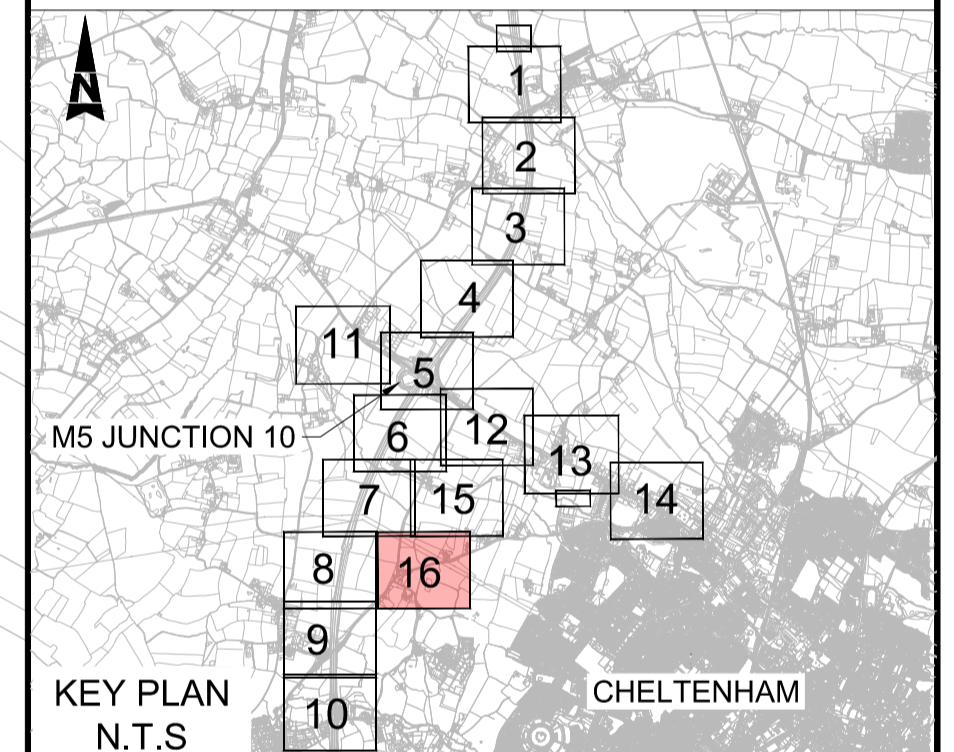


FLOOD COMPENSATION AREA

BASIN - SEE NOTE 10



- NOTES:**
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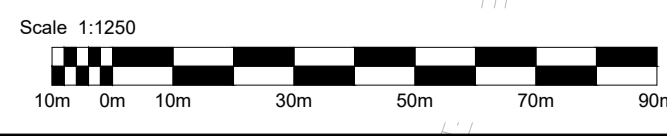
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A1	C01	SS	SS	CDC	BM	27/06/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

Project Title
M5 Junction 10 Improvements Scheme

Drawing Title
ENVIRONMENTAL MASTER PLAN SHEET 16 OF 16

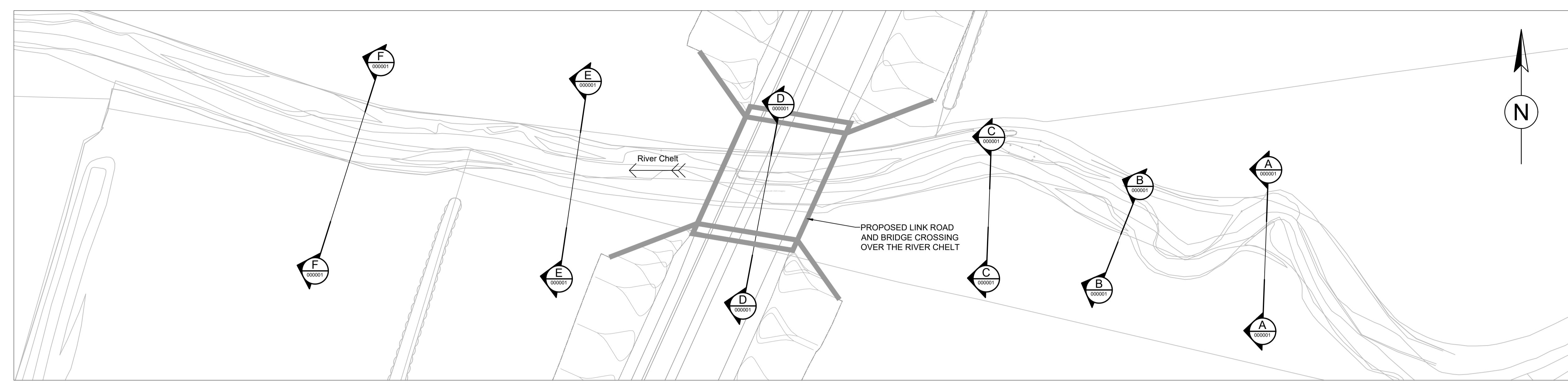
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						Rev.:	C01

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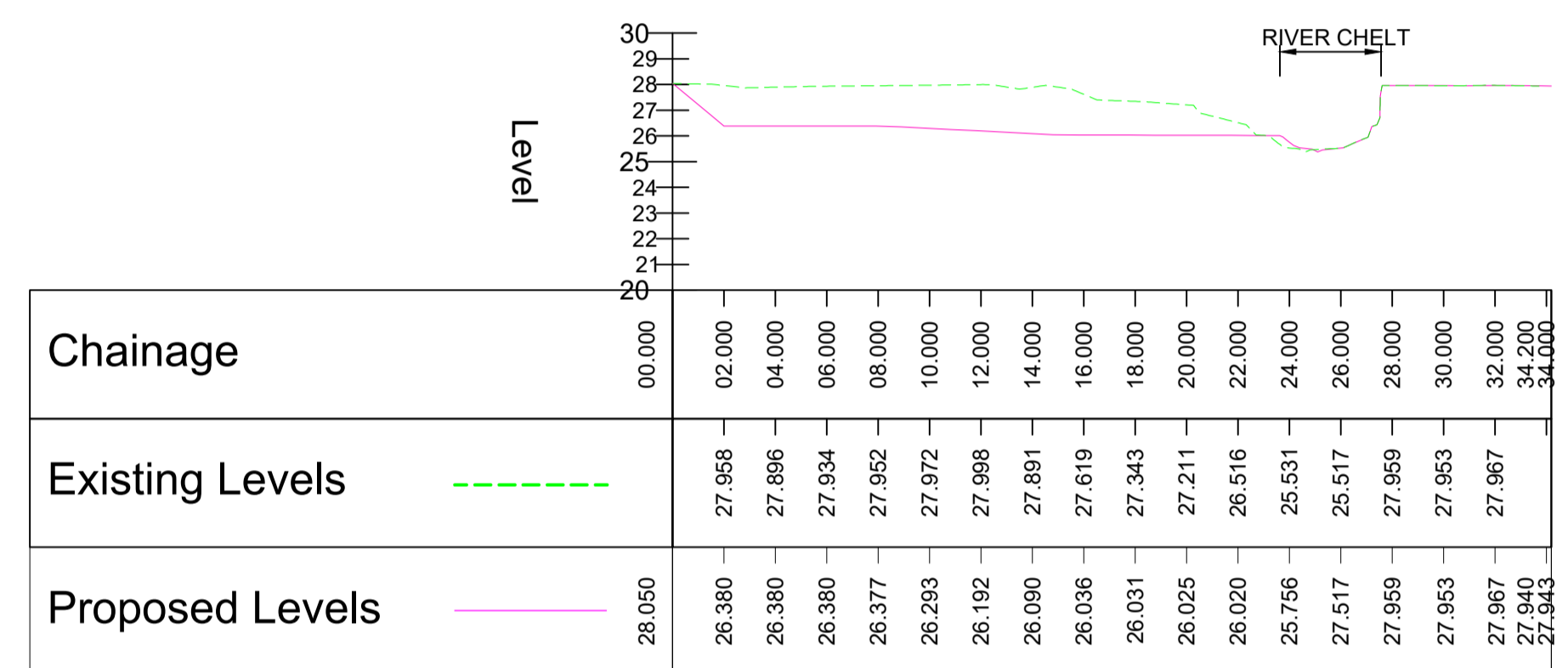


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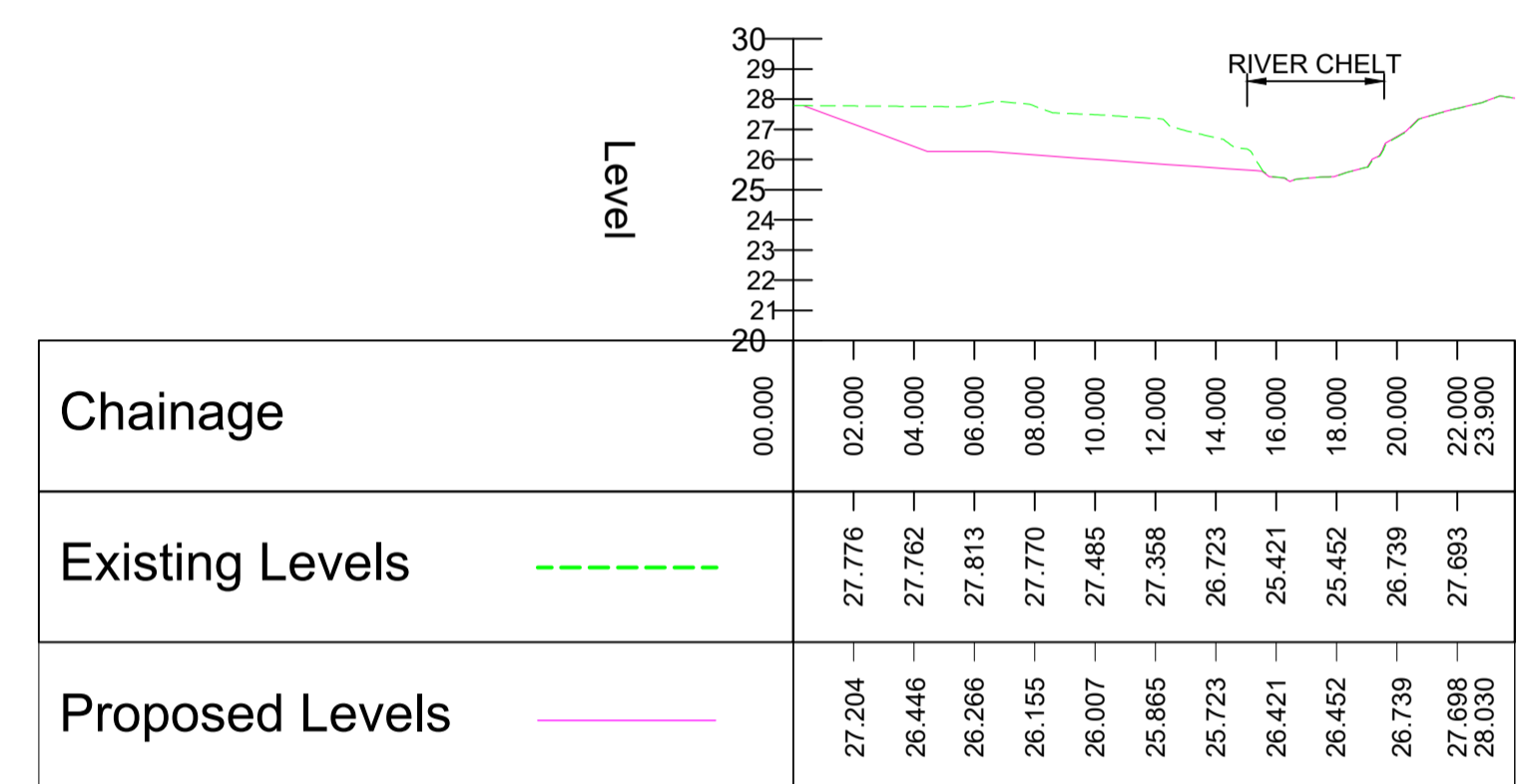
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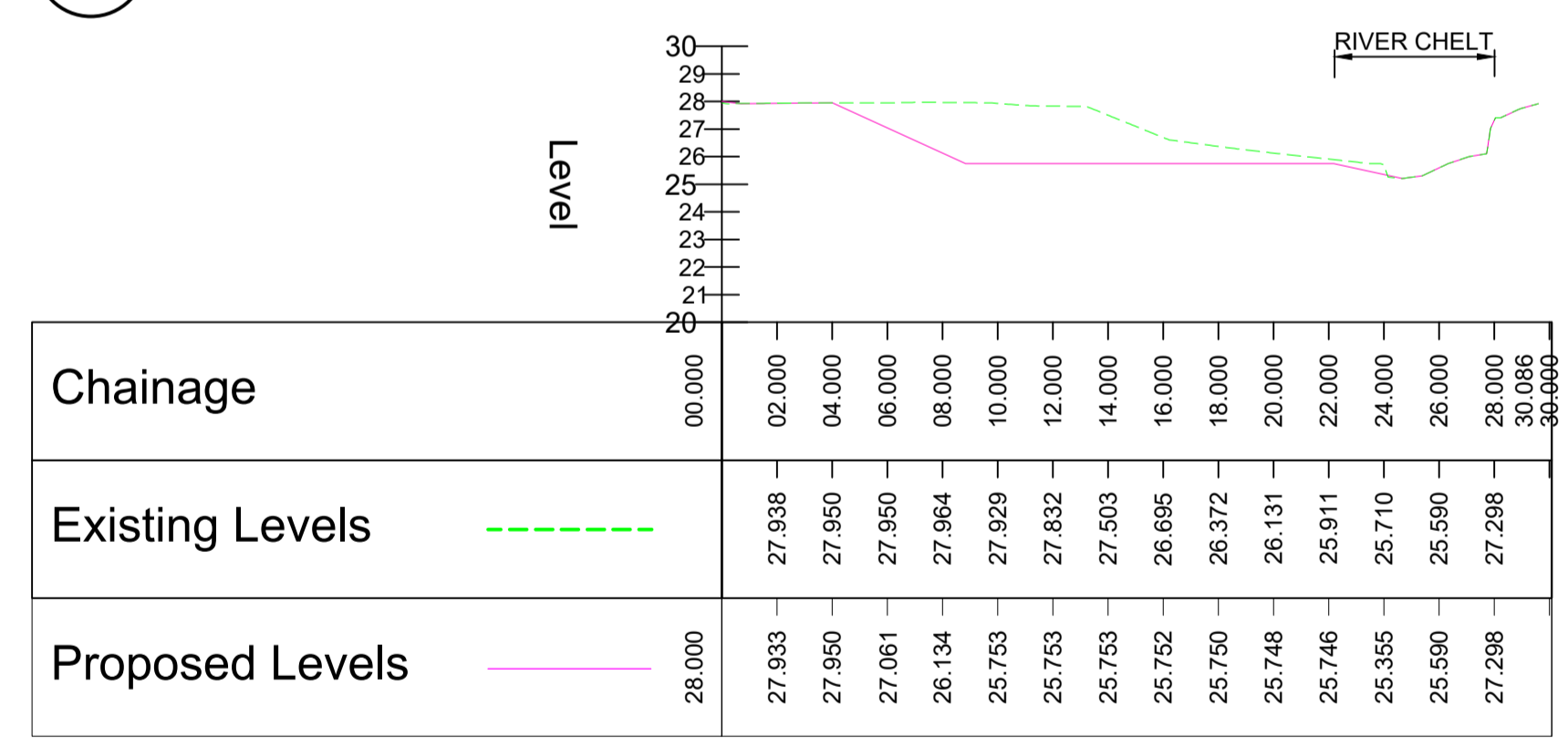
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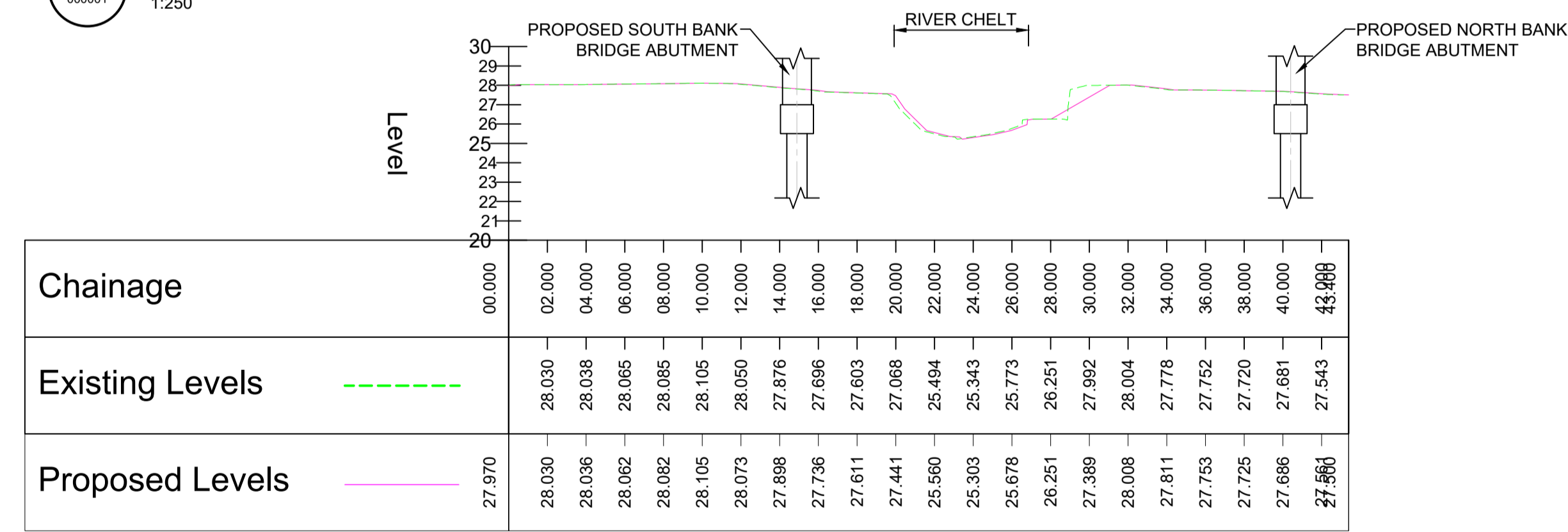
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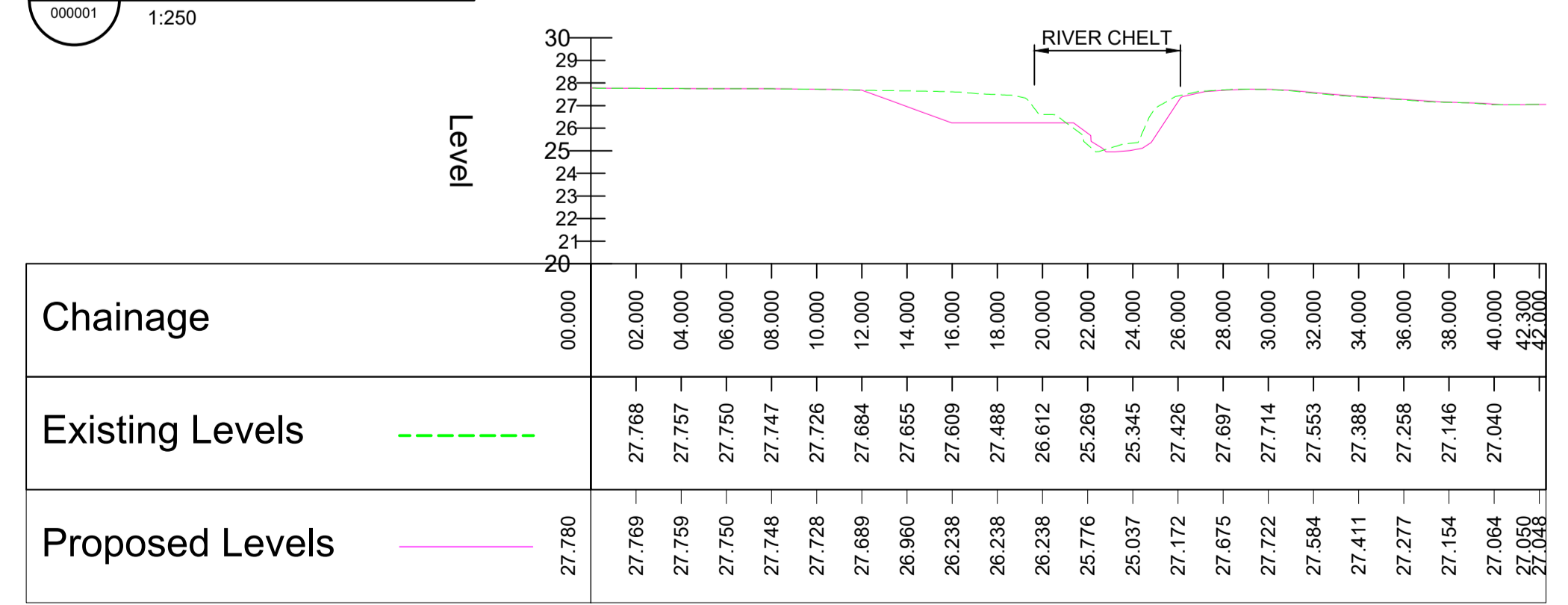
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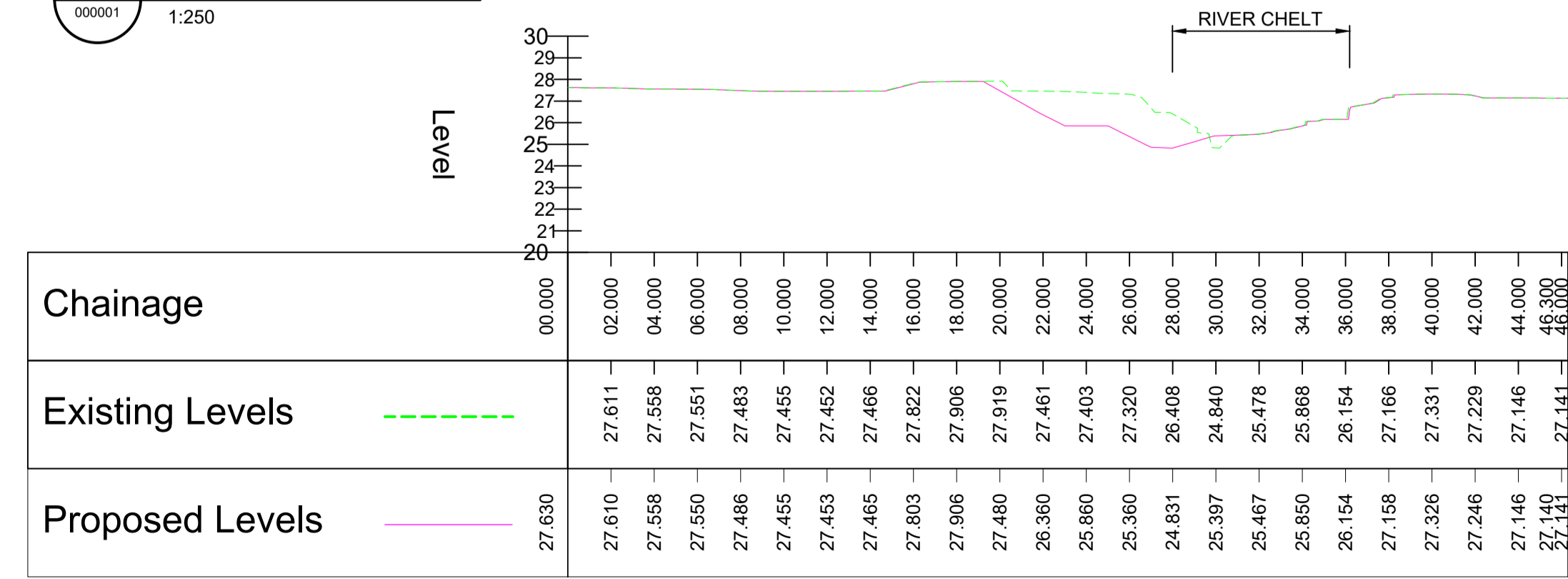
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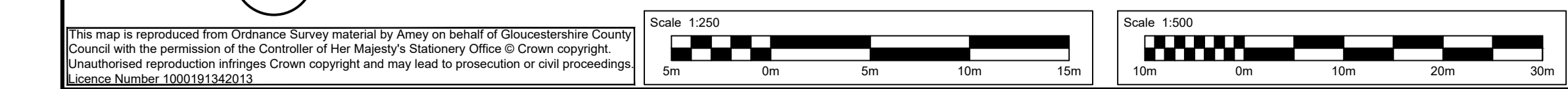
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E CROSS-SECTION
1:250



F CROSS-SECTION
1:250



- NOTES :**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENVIRONMENTAL DRAWINGS.
 - ALL DIMENSIONS ARE IN METRES AND ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM (AOD) UNLESS OTHERWISE STATED.
 - DETAILS OF BANK PROTECTION UNDER THE BRIDGE TO BE CONFIRMED AT THE NEXT STAGE.
 - FOOTPATH AND ACCESS TRACK TO BE RETAINED ON THE SOUTH BANK.

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 to the design hazard log).

Construction	None
Maintenance / Cleaning	None
Use	None
Decommissioning / Demolition	None

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date

Issue for Client comment							
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
A1	Co-1	ME	LB	SM	TT	01/07/22	

APPROVED - PUBLISHED **A1**

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Gloucestershire
COUNTY COUNCIL

Project Title
M5 Junction 10 Improvements Scheme

Drawing Title
Proposed Indicative River Chelt Link Road River Cross-Sections

Drawing Number	Project	Originator	Volume
GCCM5J10 - ATK	- DR - LW - 000001	ZZ_PO	-
Location	Scale	Project Ref. No.	Sheet
A1	AS SHOWN	5197035	1 of 1
Original Size	Scale	Project Ref. No.	Rev.
A1	AS SHOWN	5197035	C01

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