

M5 Junction 10 Improvements Scheme

Environmental Masterplan – Part 2 TR010063 – APP 2.13

Regulation 5 (2) (o)

Planning Act 2008

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

Volume 2

November 2024



Gloucestershire
COUNTY COUNCIL

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Infrastructure Planning Planning Act 2008

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

M5 Junction 10 Improvements Scheme Development Consent Order 202[X]

Environmental Masterplan - Part 2

Regulation Number:	Regulation 5(2)(o)
Planning Inspectorate Scheme Reference	TR010063
Application Document Reference	TR010063 – APP 2.13
Author:	M5 Junction 10 Improvements Scheme Project Team

Version	Date	Status of Version
Rev 0	December 2023	DCO Application
Rev 1	July 2024	Deadline 3
Rev 2	September 2024	Deadline 4
Rev 3	November 2024	Deadline 10

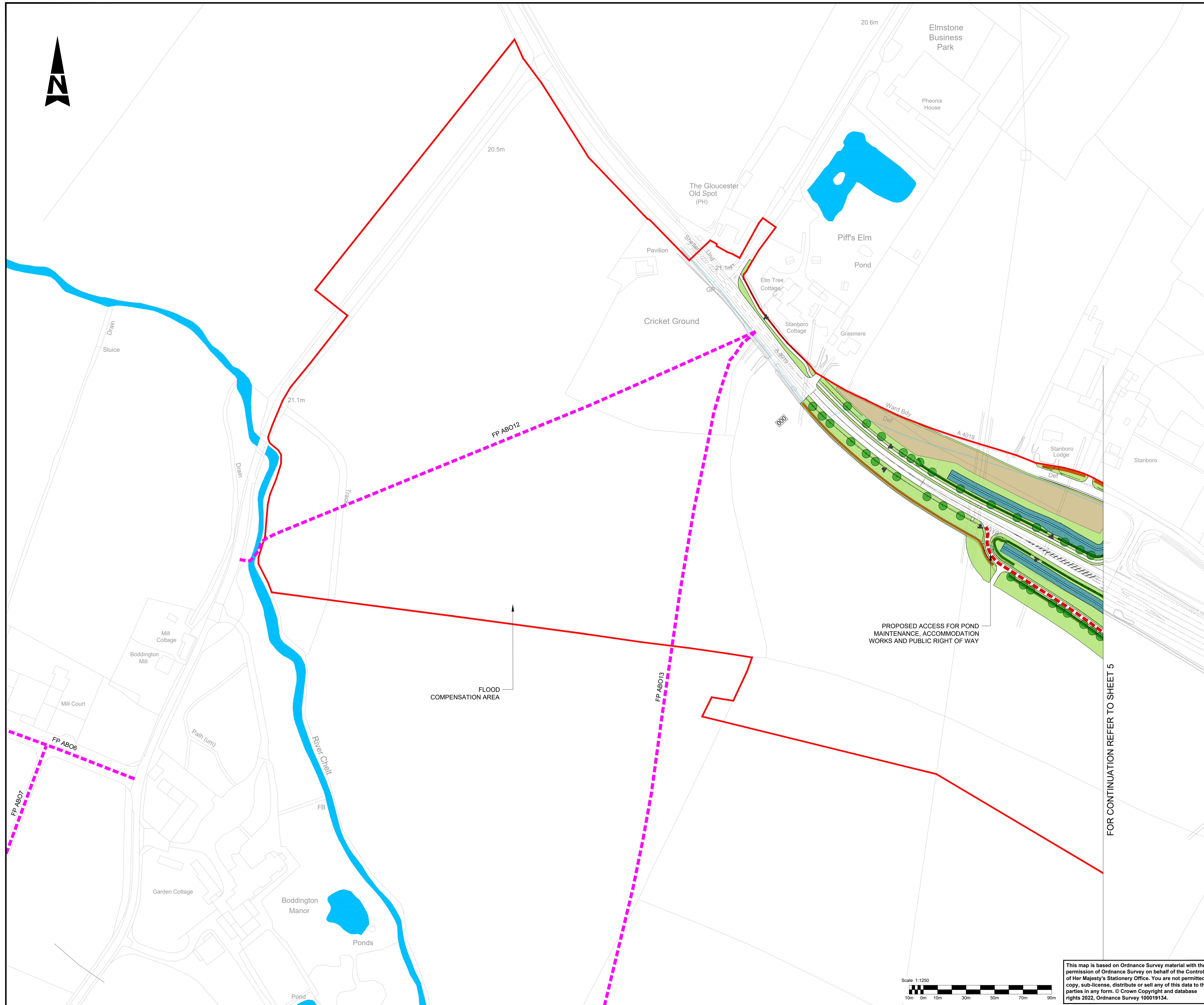
1. Schedule of Plans included in this application document.

1.1. List of drawings in Part 1

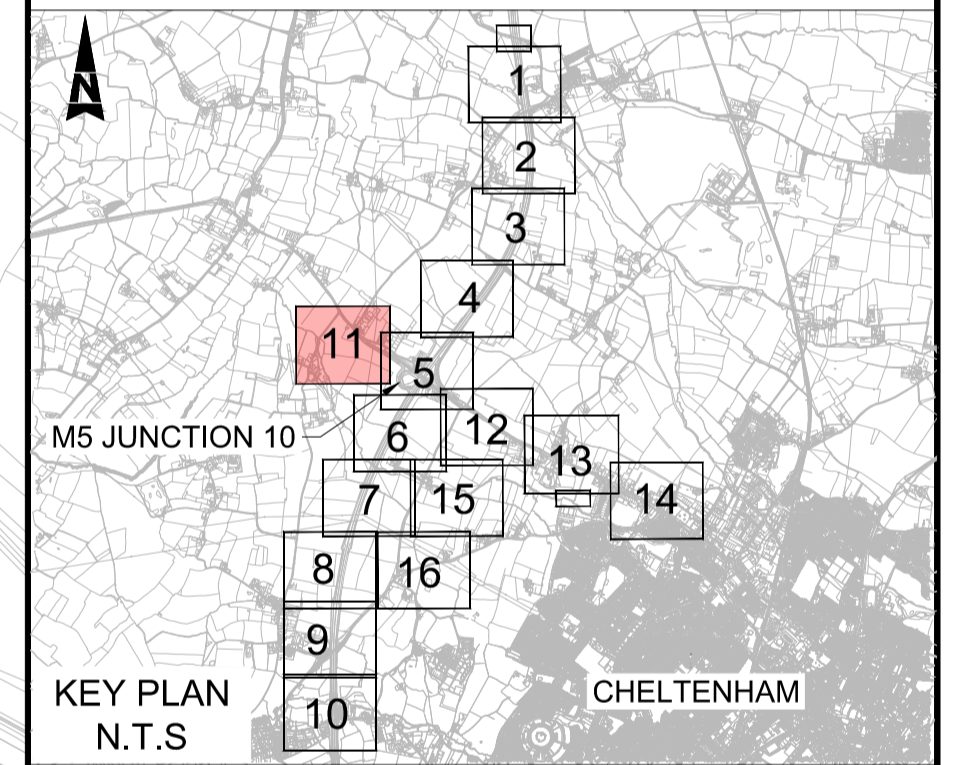
Document title	Document number	Version
Environmental Key Plan Regulation 5(2)(j)	TR010063 – APP 2.13	C02 C04
Environmental Master Plan Key	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 1 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 2 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 3 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 4 of 16	TR010063 – APP 2.13	C02
Environmental Master Plan – Sheet 5 of 16	TR010063 – APP 2.13	C02 C04
Environmental Master Plan – Sheet 6 of 16	TR010063 – APP 2.13	C02 C04
Environmental Master Plan – Sheet 7 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 8 of 16	TR010063 – APP 2.13	C02 C04
Environmental Master Plan – Sheet 8 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 9 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 10 of 16	TR010063 – APP 2.13	C01

1.2. List of drawings in Part 1

Document title	Document number	Version
Environmental Master Plan – Sheet 11 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 12 of 16	TR010063 – APP 2.13	C03 C02
Environmental Master Plan – Sheet 13 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 14 of 16	TR010063 – APP 2.13	C01
Environmental Master Plan – Sheet 15 of 16	TR010063 – APP 2.13	C03 C02
Environmental Master Plan – Sheet 16 of 16	TR010063 – APP 2.13	C02 C04
Proposed Indicative River Chelt Link Road River Cross-Sections	TR010063 – APP 2.13	C01



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - BUS STOPS TO CONSIDER HAVING GREEN ROOFS.
 - BADGER FENCE LINE WILL ALSO BE OTTER PROOF.
 - SIGNAGE: SIGHT LINES HAVE BEEN TAKEN INTO CONSIDERATION WITHIN THE LANDSCAPE DESIGN PROPOSAL, TO BE RESOLVED FURTHER IN THE DETAIL DESIGN STAGE.
 - 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.
 - ALLOWANCE FOR PLACING OF BRASH PILES WITHIN DORMICE LICENCE AREA.
 - BAT HOP OVERS TO COMPRISE TALL PLANTING (MIN 6M TALL. THIS MAY BE FENCING FOR INITIAL PERIOD WHILST VEGETATION ESTABLISHES)
 - ECOLOGICAL ENHANCEMENT. PROPOSED BANK REPROFILING, AQUATIC, MARGINAL AND RIPARIAN PLANTING AND IN-CHANNEL ENHANCEMENTS ALONG WATER COURSE. ADJACENT AREA TO BE 20% COVER WOODLAND.
 - 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.



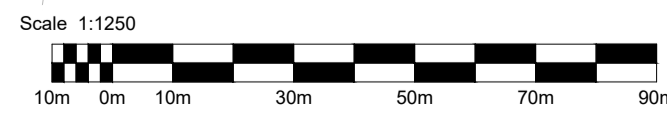
PROPOSED ACCESS FOR POND MAINTENANCE, ACCOMMODATION WORKS AND PUBLIC RIGHT OF WAY

FLOOD COMPENSATION AREA

FOR CONTINUATION REFER TO SHEET 5

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Description						
Description						
REVISION 0						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	AC	SS	CDC	BM	20/10/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

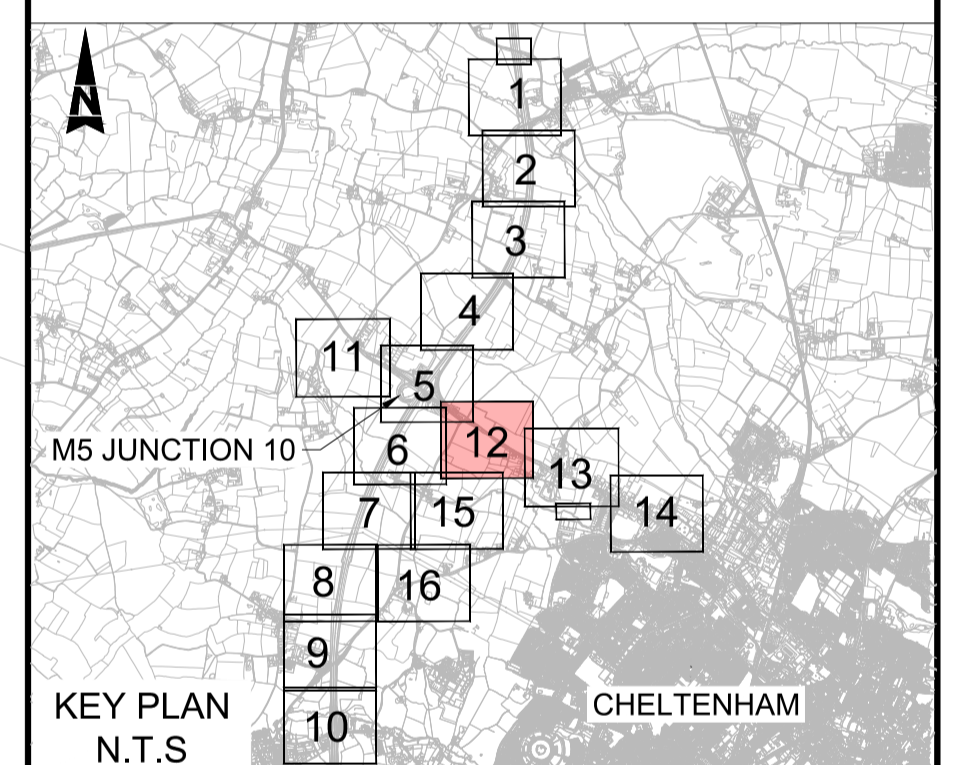
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M5 Junction 10 Improvements Scheme			
Drawing Title			
ENVIRONMENTAL MASTER PLAN SHEET 11 OF 16			
Drawing Number			
GCCM5J10	ATK	ELS	
ZZ	DR	LL	000127
Original Size: A1	Scale: AS SHOWN	Project Ref. No.: 5197035	Sheet: 11 of 16
Revised: C01			



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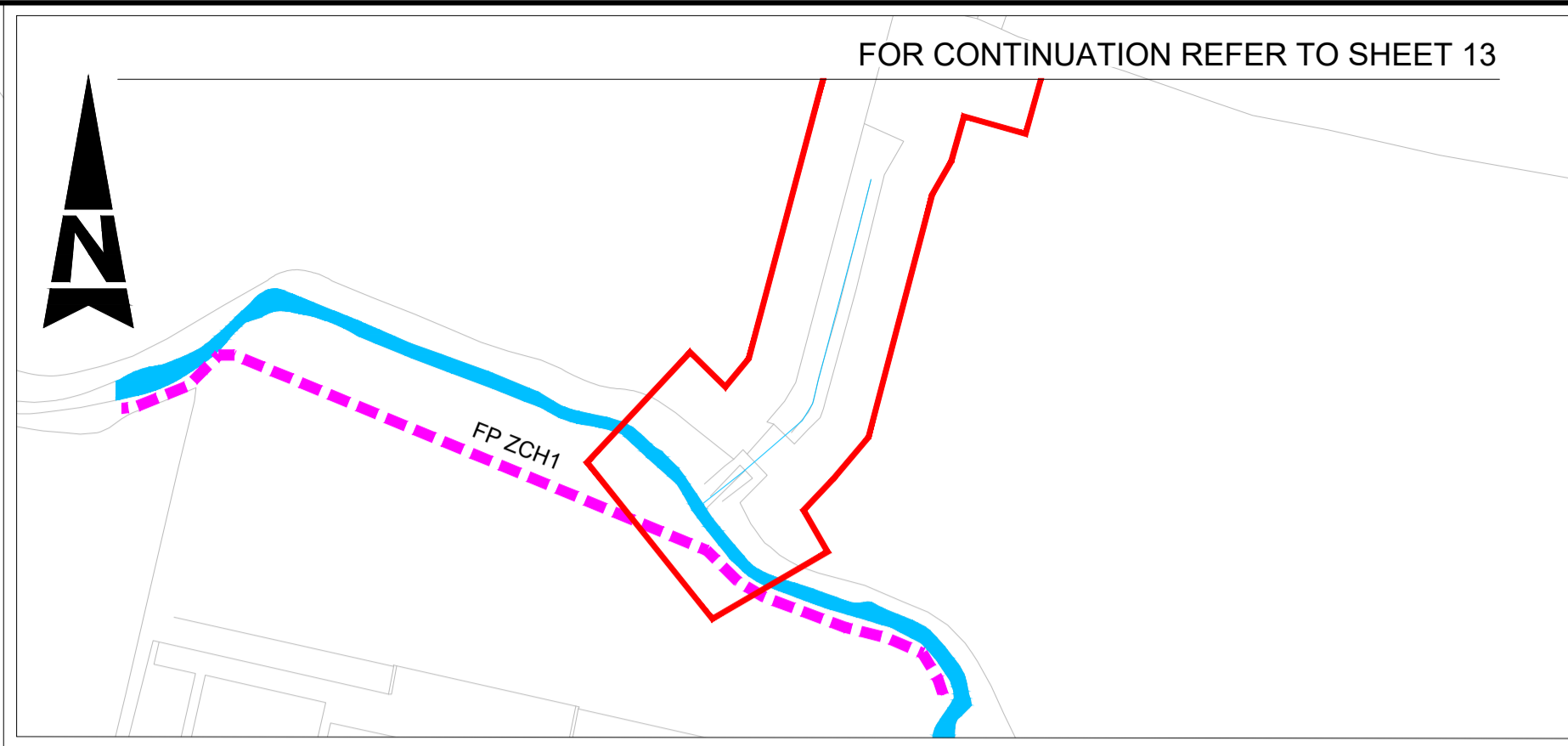
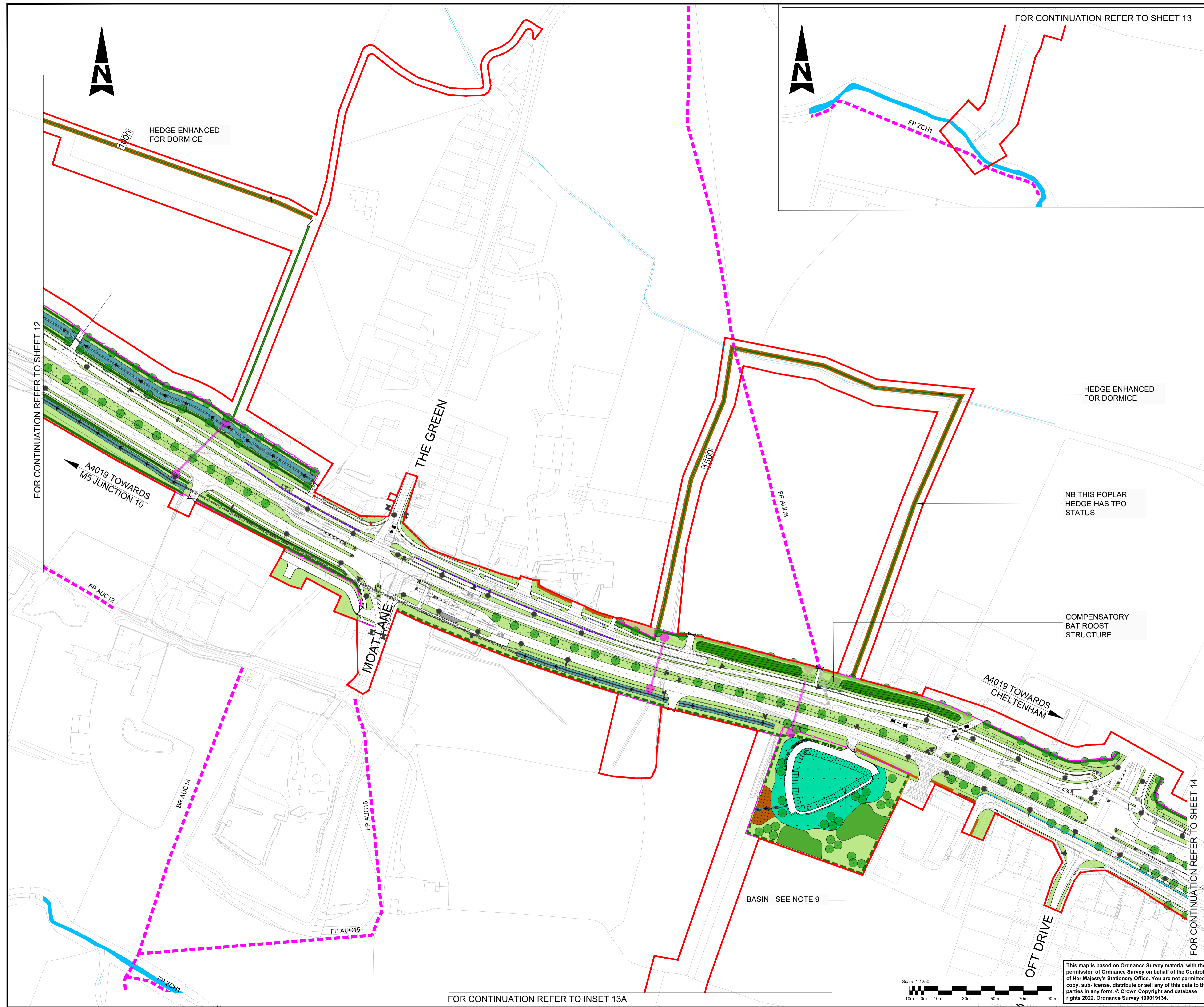


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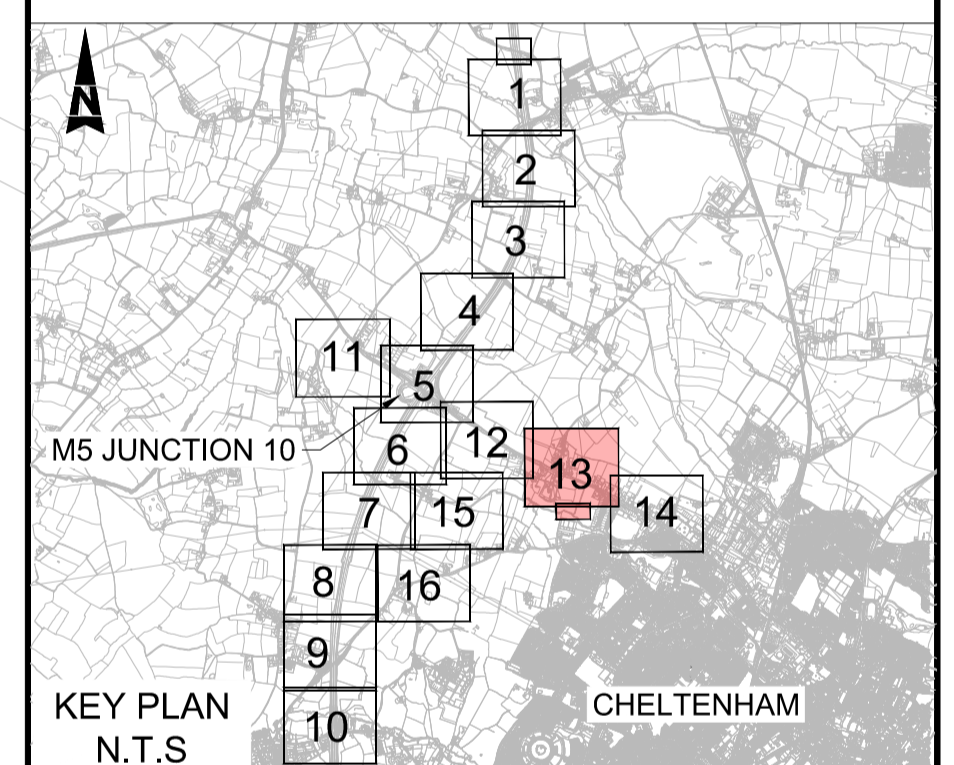


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NOT USED						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	YP	YP	YP	YP	02/07/24
Change Application 2 Amendments Included						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C03	AC	CJ	CDC	LJ	26/11/24
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

Project Title		
M5 Junction 10 Improvements Scheme		
Drawing Title		
ENVIRONMENTAL MASTER PLAN SHEET 12 OF 16		
Drawing Number		
GCCM5J10 ZZ	ATK	ELS DR LL 400128
Original Size: A1	Scale: AS SHOWN	Project Ref. No: 5228847
Sheet: 12 of 16	Rev: C03	

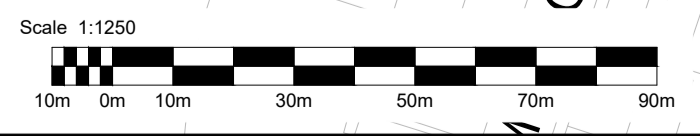


- NOTES:**
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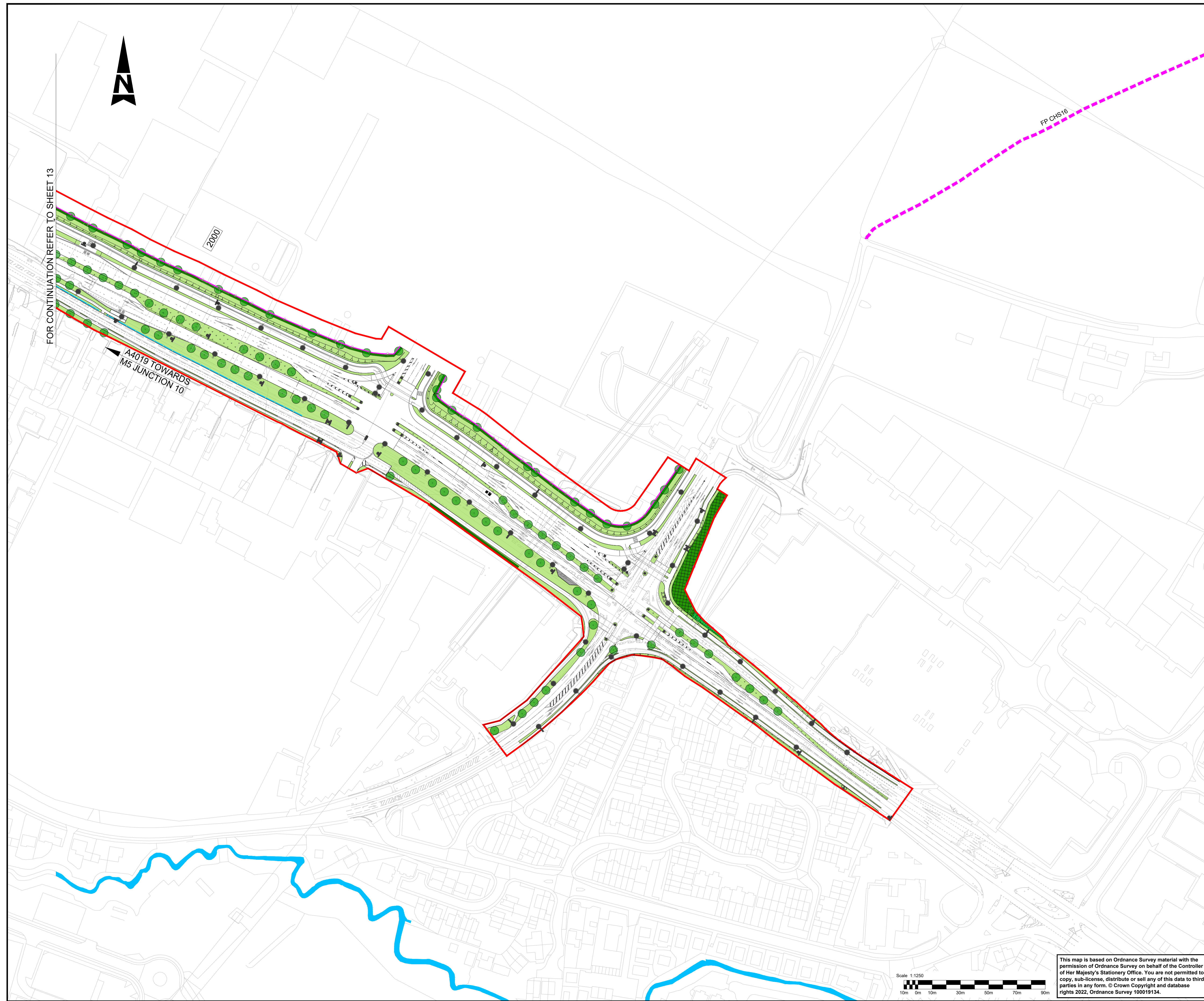


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REVISION 0	A1	C01	AC	SS	CDC	BM	20/10/23	
Drawing Suitability	APPROVED - PUBLISHED						Status	A1

Project Title			
M5 Junction 10 Improvements Scheme			
Drawing Title			
ENVIRONMENTAL MASTER PLAN SHEET 13 OF 16			
Drawing Number			
GCCM5J10	ATK	ELS	
ZZ	DR	LL	000129
Original Size: A1	Scale: AS SHOWN	Project Ref. No.: 5197035	Sheet: 13 of 16 Rev: C01



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FOR CONTINUATION REFER TO SHEET 13

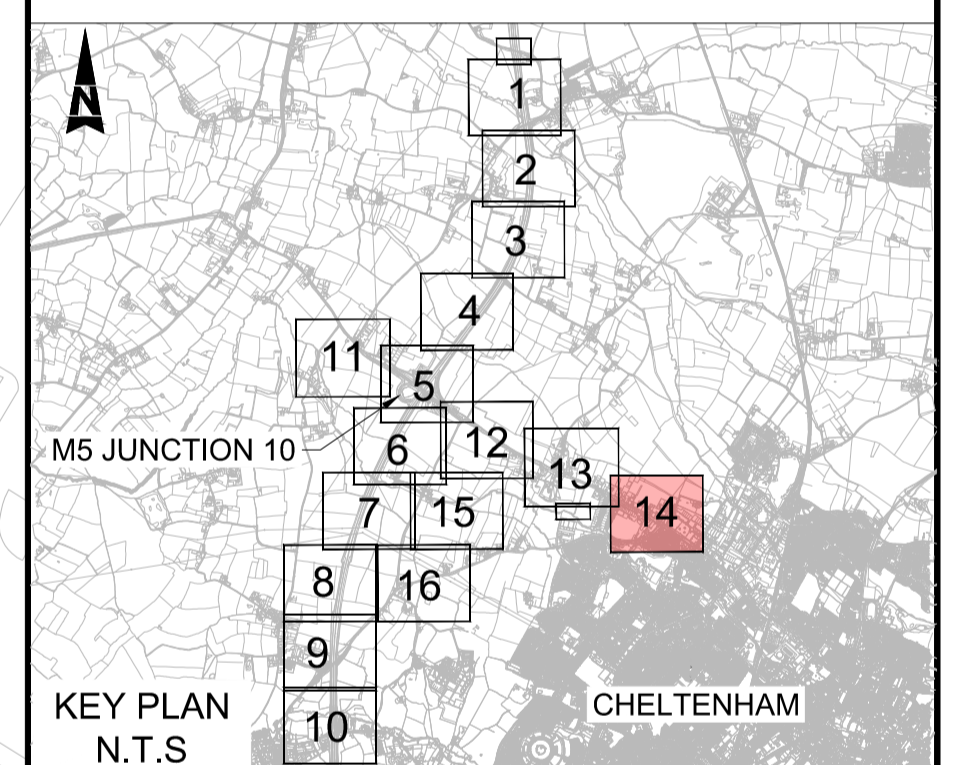


2000

A4019 TOWARDS
M5 JUNCTION 10

FP CHS16

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Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
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Description						
Description						
REVISION 0						
A1	C01	AC	SS	CDC	BM	20/10/23

Drawing Suitability: **APPROVED - PUBLISHED** Status: **A1**

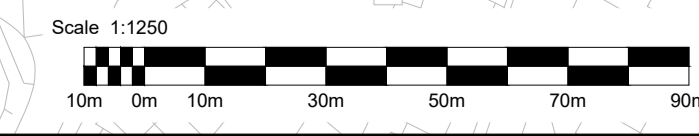
Project Title: **M5 Junction 10 Improvements Scheme**

Drawing Title: **ENVIRONMENTAL MASTER PLAN SHEET 14 OF 16**

Drawing Number: **GCCM5J10 ATK ELS ZZ DR LL 000130**

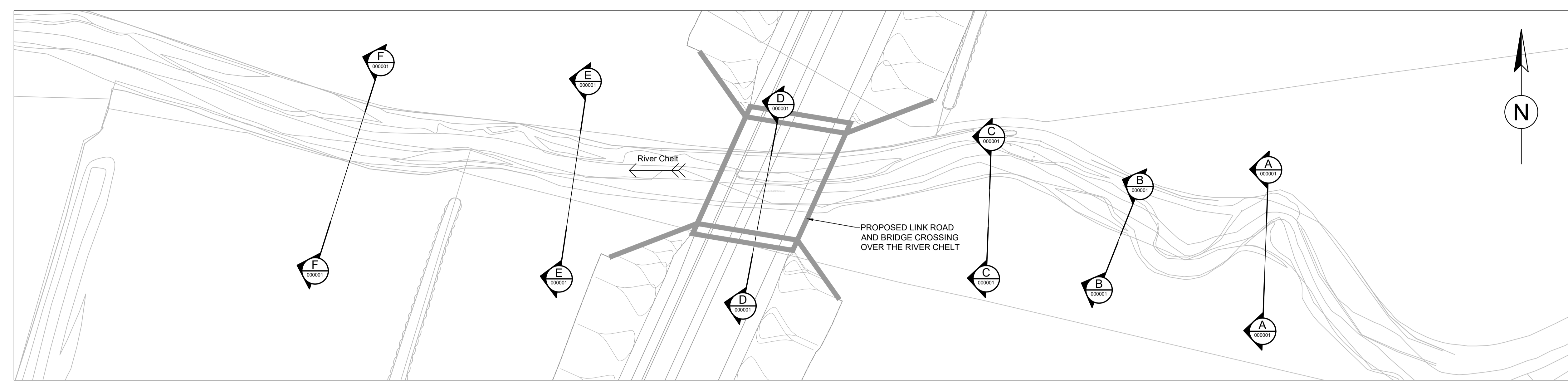
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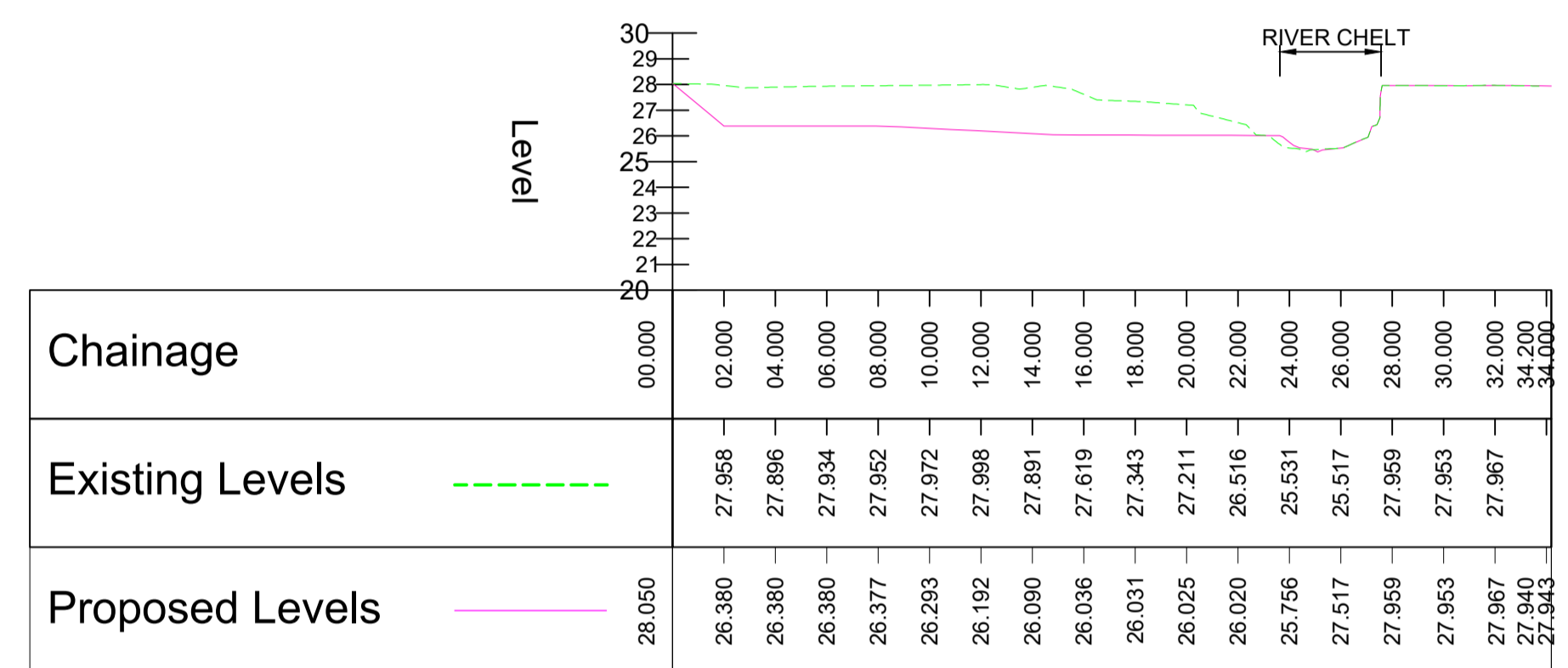


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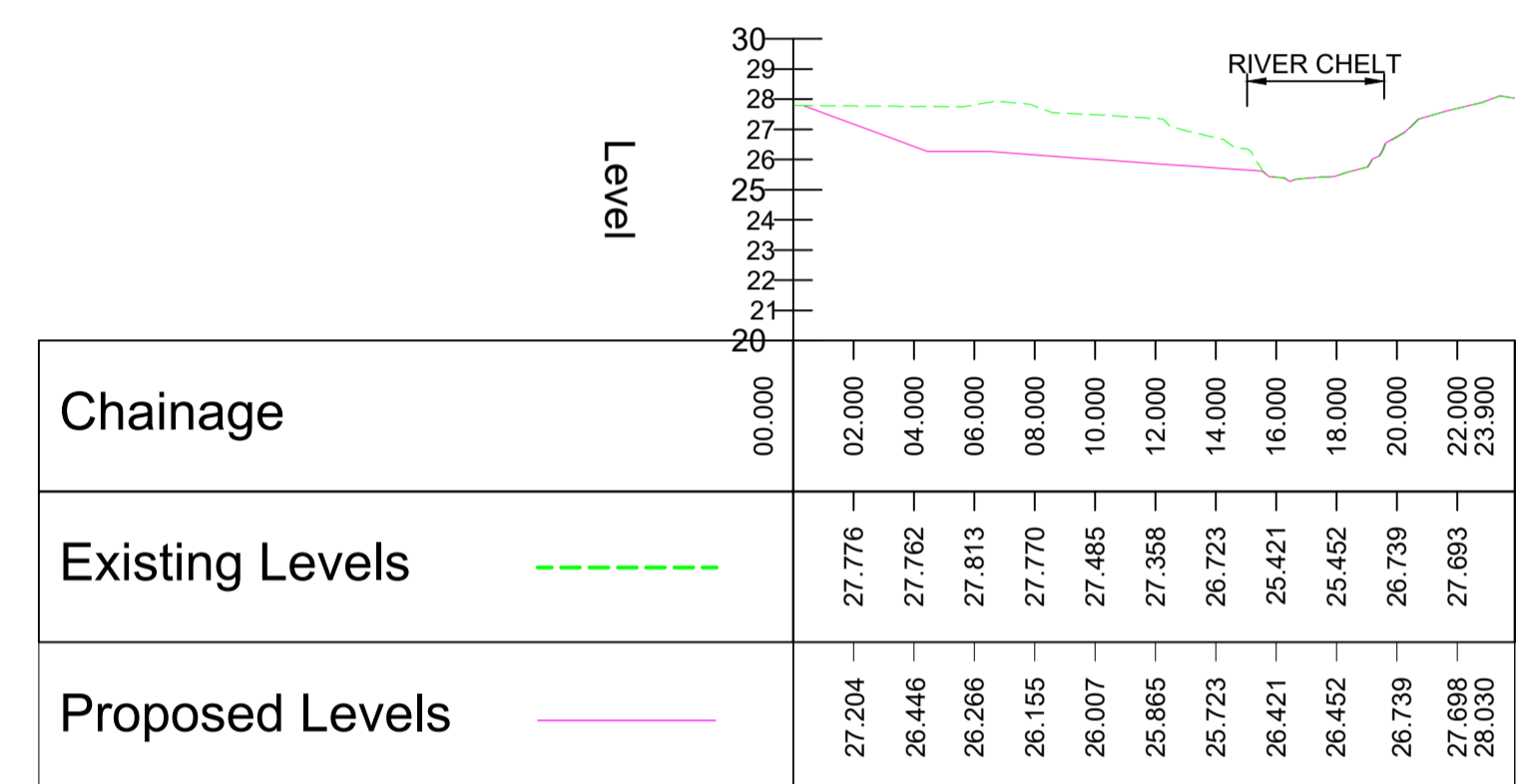
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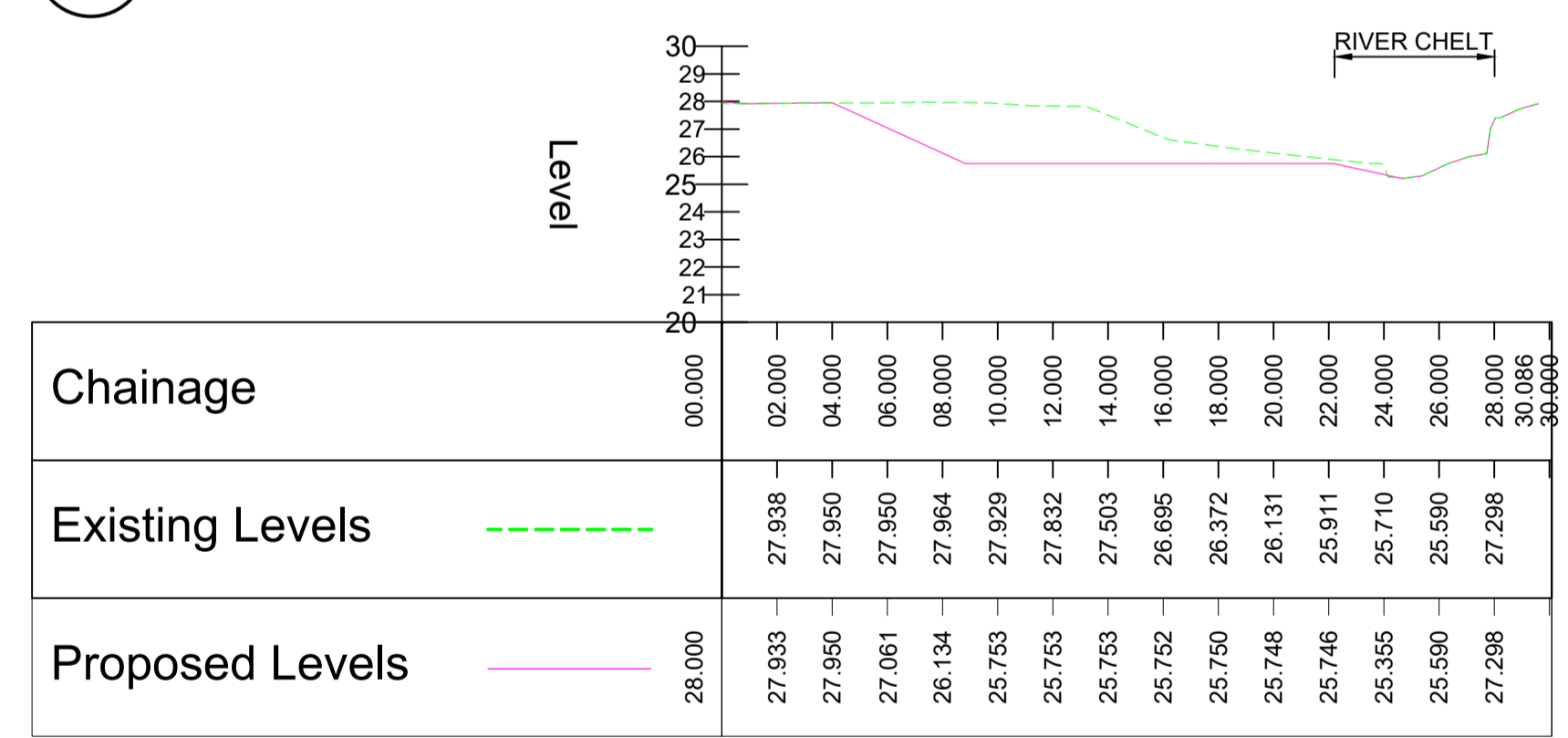
CROSS-SECTION LOCATION PLAN
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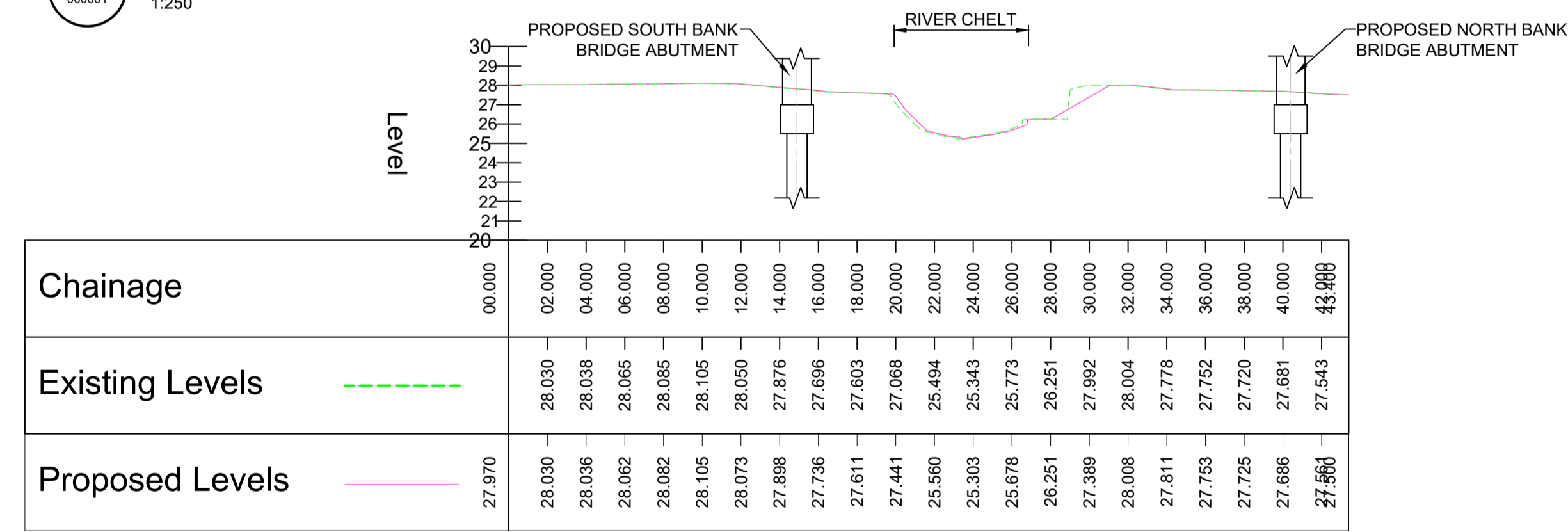
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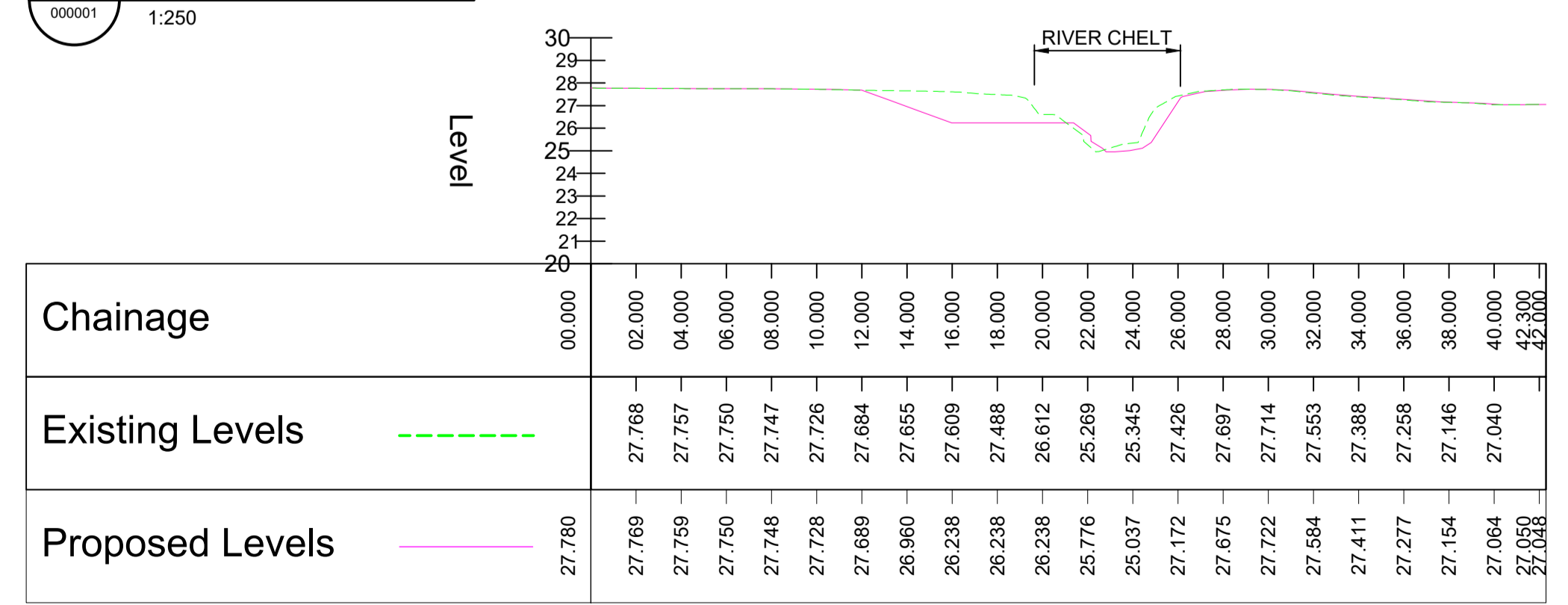
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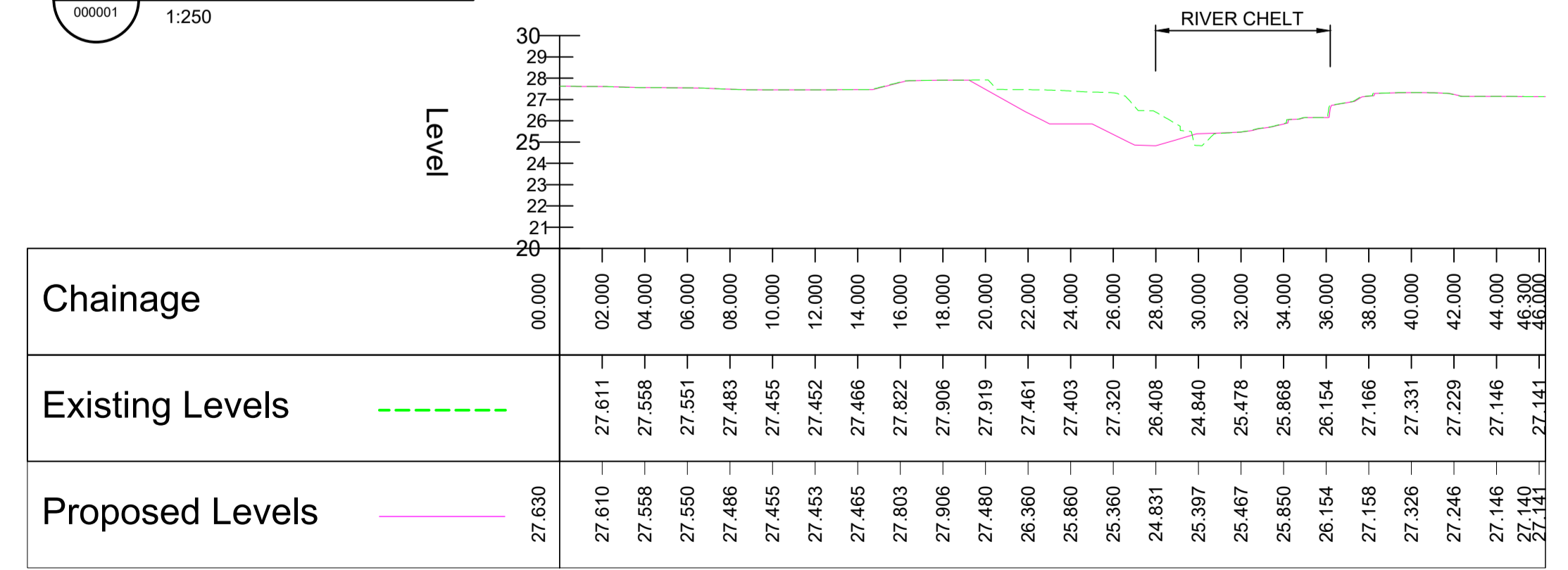
C CROSS-SECTION
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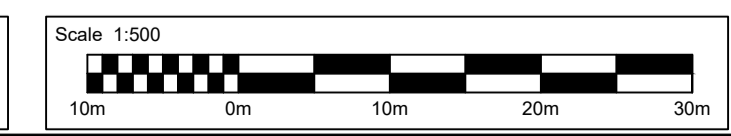
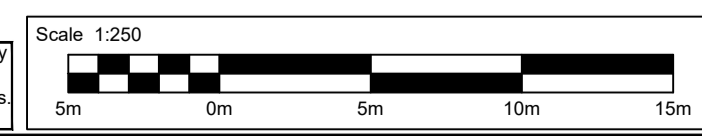
D CROSS-SECTION
1:250



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

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	CO1	ME	LB	SM	TT	01/07/22

APPROVED - PUBLISHED **A1**

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5th Floor, Block 5
Shire Hall
Bearland
Gloucester
GL1 2TH
Tel: 08000 514514

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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

Original Size	A1	Scale	AS SHOWN	Project Ref. No.	5197035	Sheet	1 of 1	Rev.	C01
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