

# Appendix 11.3

## Flood Risk Assessment Part 4

# Appendix 11.3

Flood Risk Assessment

Annex D: Figures

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D.1 Water Features Plans

Figure WFP1

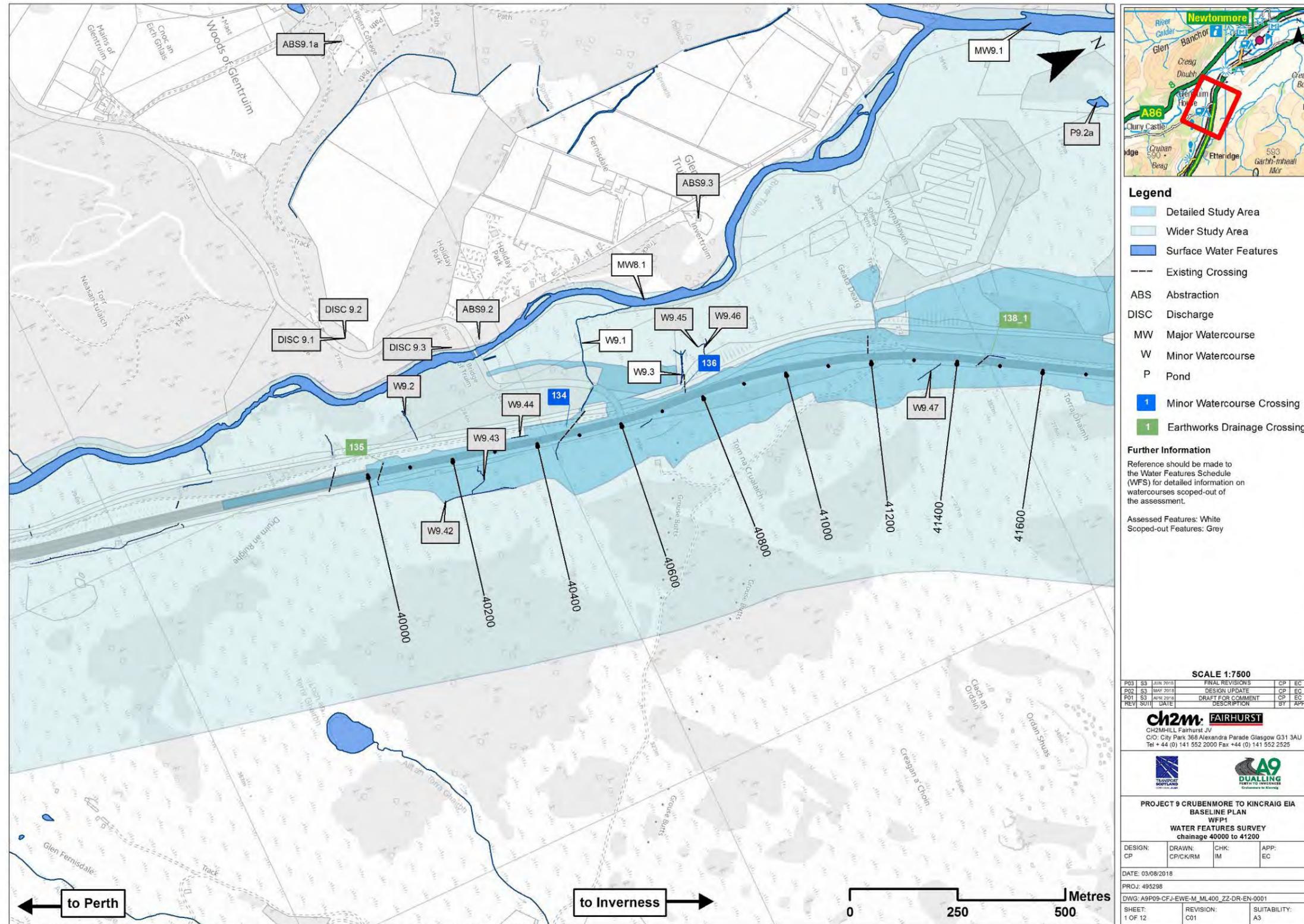


Figure WFP2

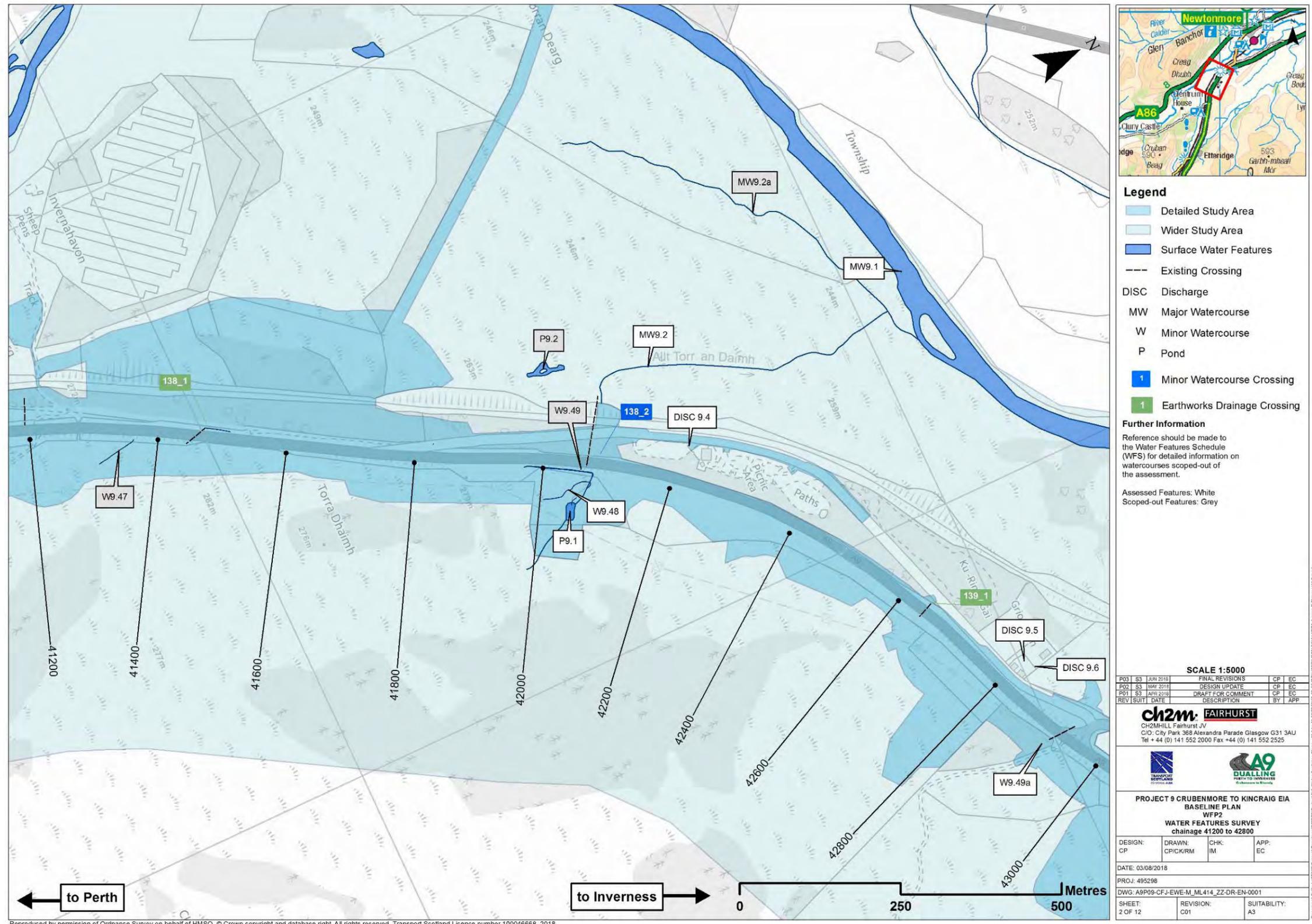


Figure WFP3

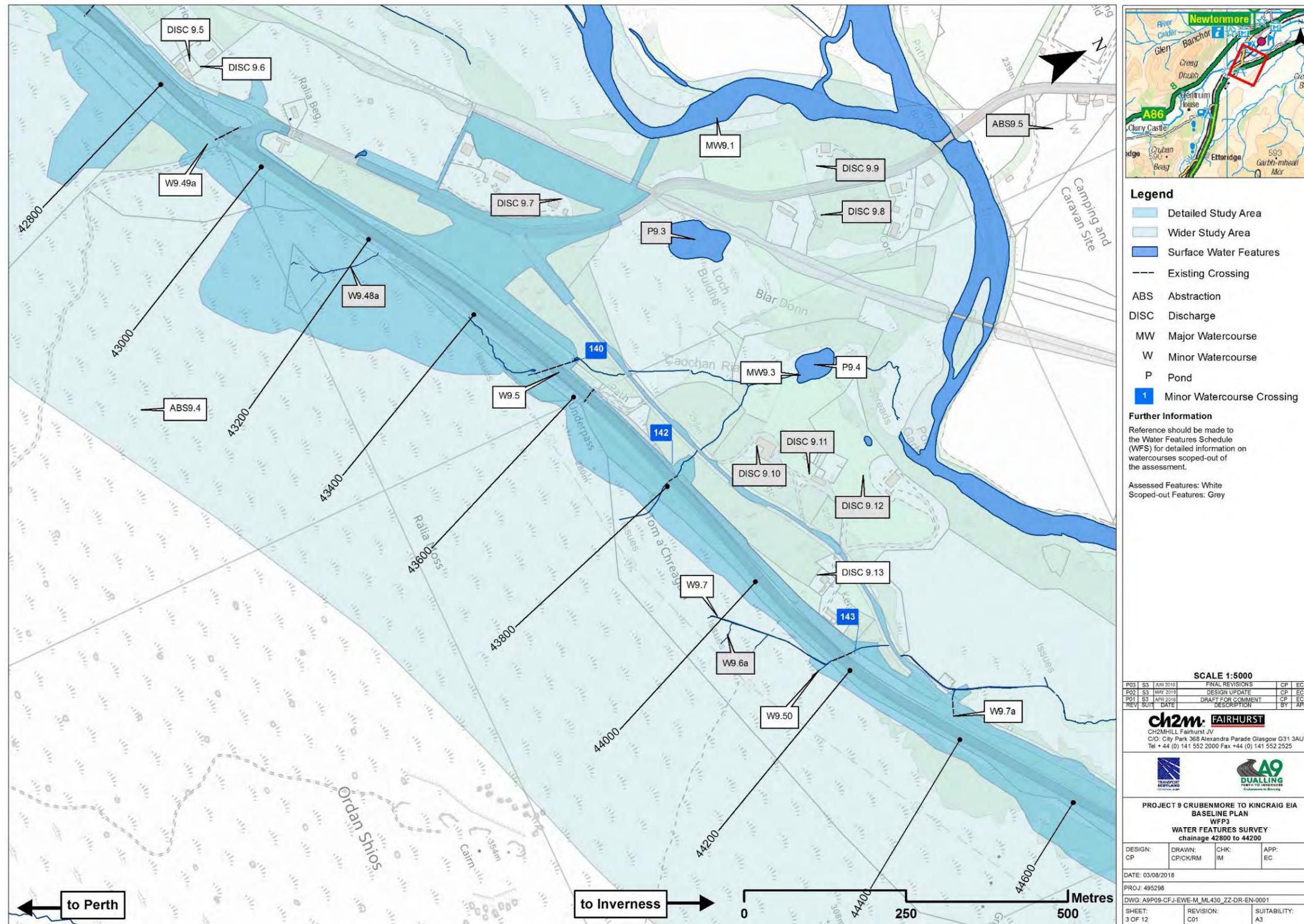


Figure WFP4

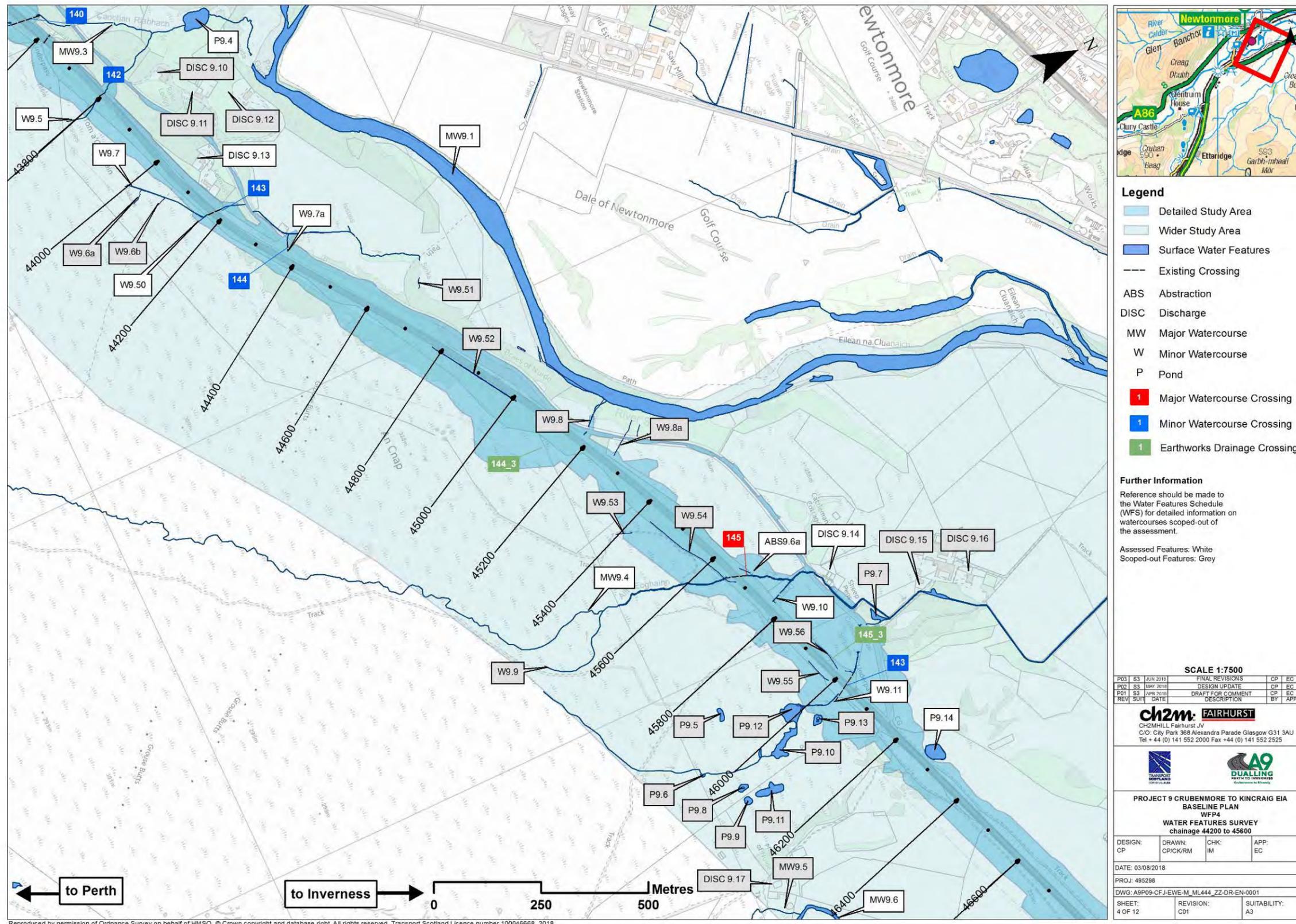
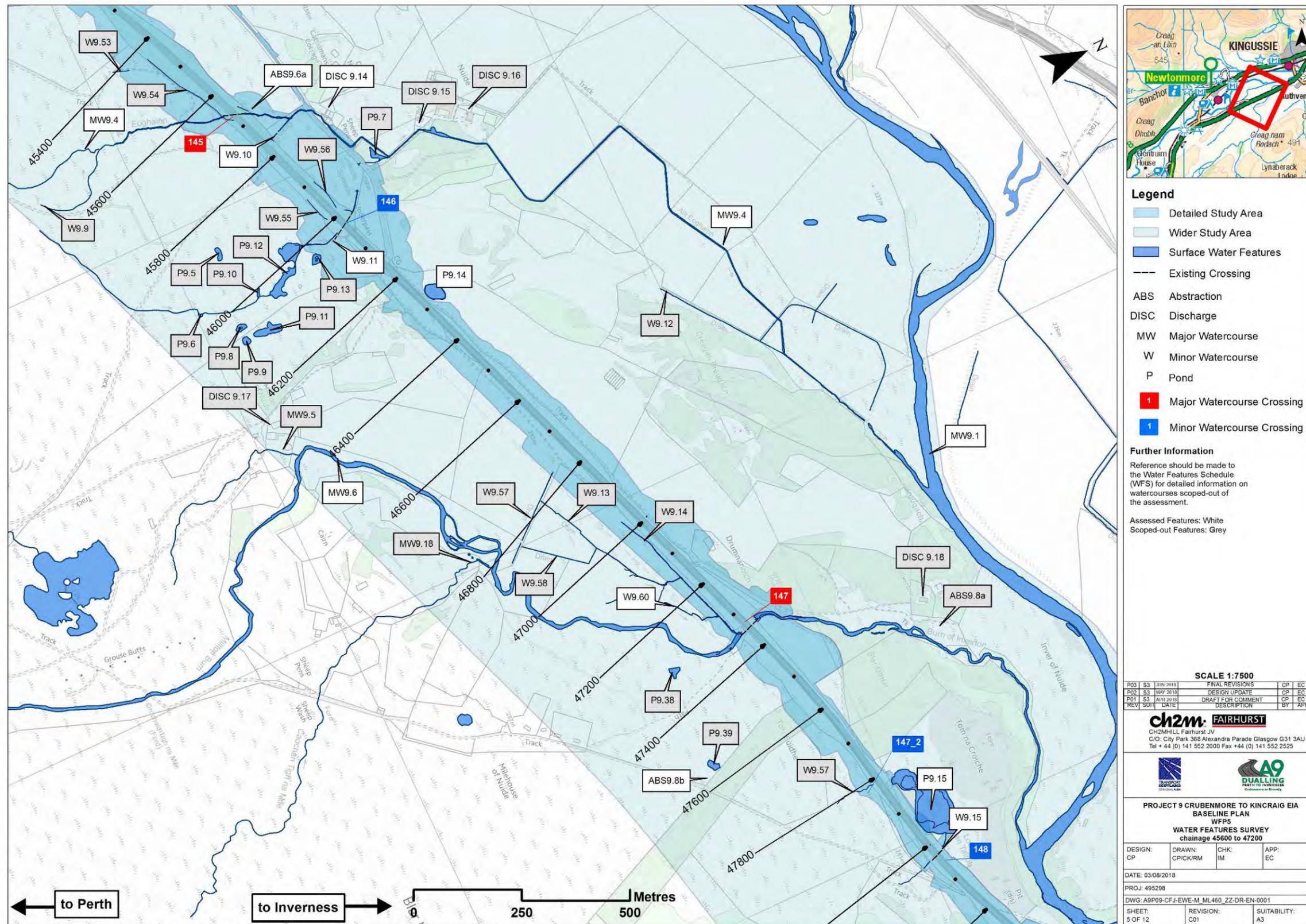


Figure WFP5



- Legend**
- Detailed Study Area
  - Wider Study Area
  - Surface Water Features
  - Existing Crossing
  - ABS Abstraction
  - DISC Discharge
  - MW Major Watercourse
  - W Minor Watercourse
  - P Pond
  - Major Watercourse Crossing
  - Minor Watercourse Crossing

**Further Information**  
 Reference should be made to the Water Features Schedule (WFS) for detailed information on watercourses scoped-out of the assessment.  
 Assessed Features: White  
 Scoped-out Features: Grey

SCALE 1:7500

PO3	S3	JUN 2018	FINAL REVISIONS	CP	EC
PO2	S3	MAY 2018	DESIGN UPDATE	CP	EC
PO1	S3	APR 2018	DRAFT FOR COMMENT	CP	EC
REV	SUI	DATE	DESCRIPTION	BY	APP

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**PROJECT 9 CRUBENMORE TO KINCAIG EIA BASELINE PLAN WFP5 WATER FEATURES SURVEY chainage 45600 to 47200**

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CP	CP/CK/RM	IM	EC

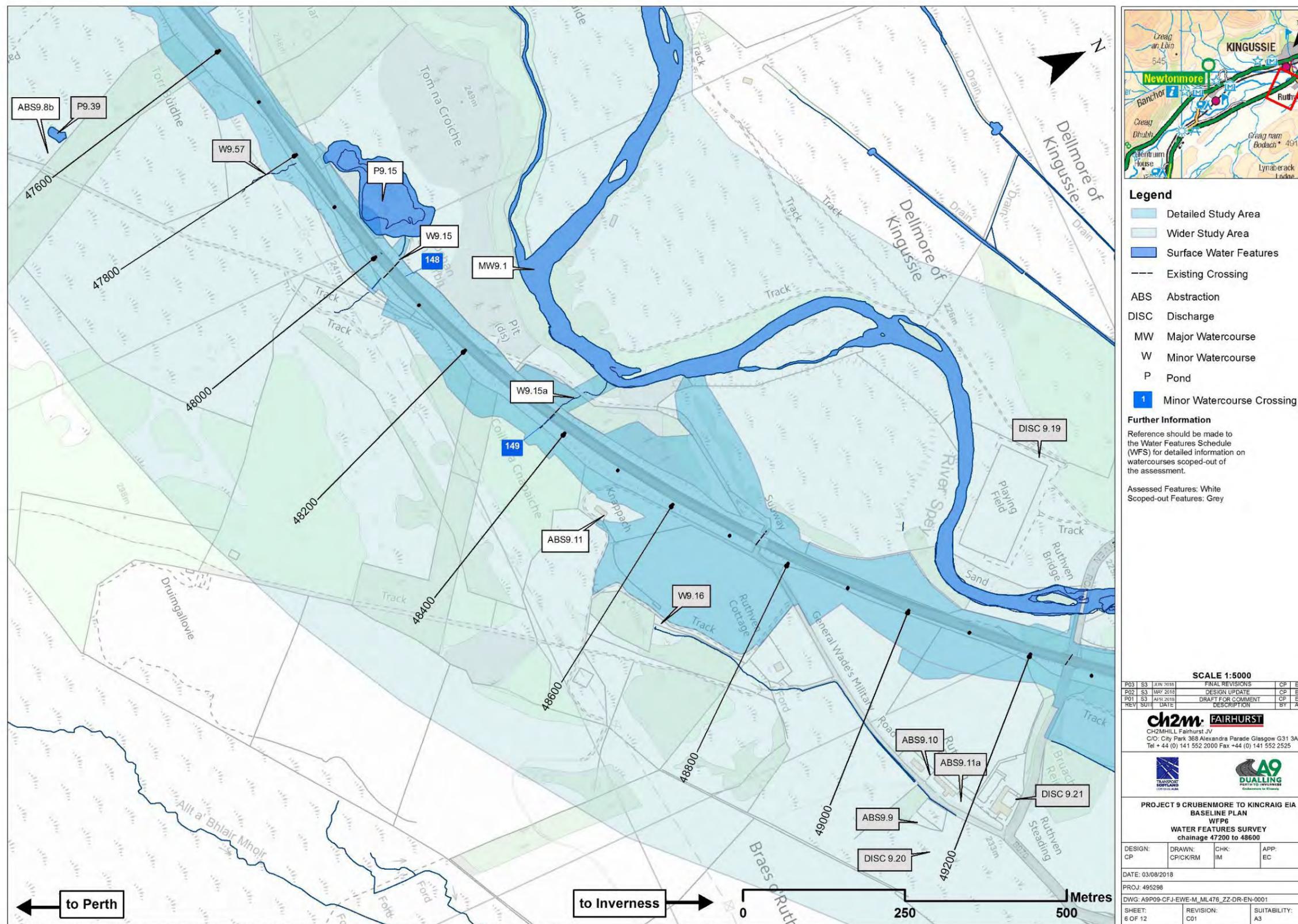
DATE: 03/08/2018  
 PROJ: 495298

DWG: A9P09-CFJ-EWE-M\_ML460\_ZZ-DR-EN-0001

SHEET:	REVISION:	SUITABILITY:
5 OF 12	C01	A3

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Figure WFP6



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Figure WFP8

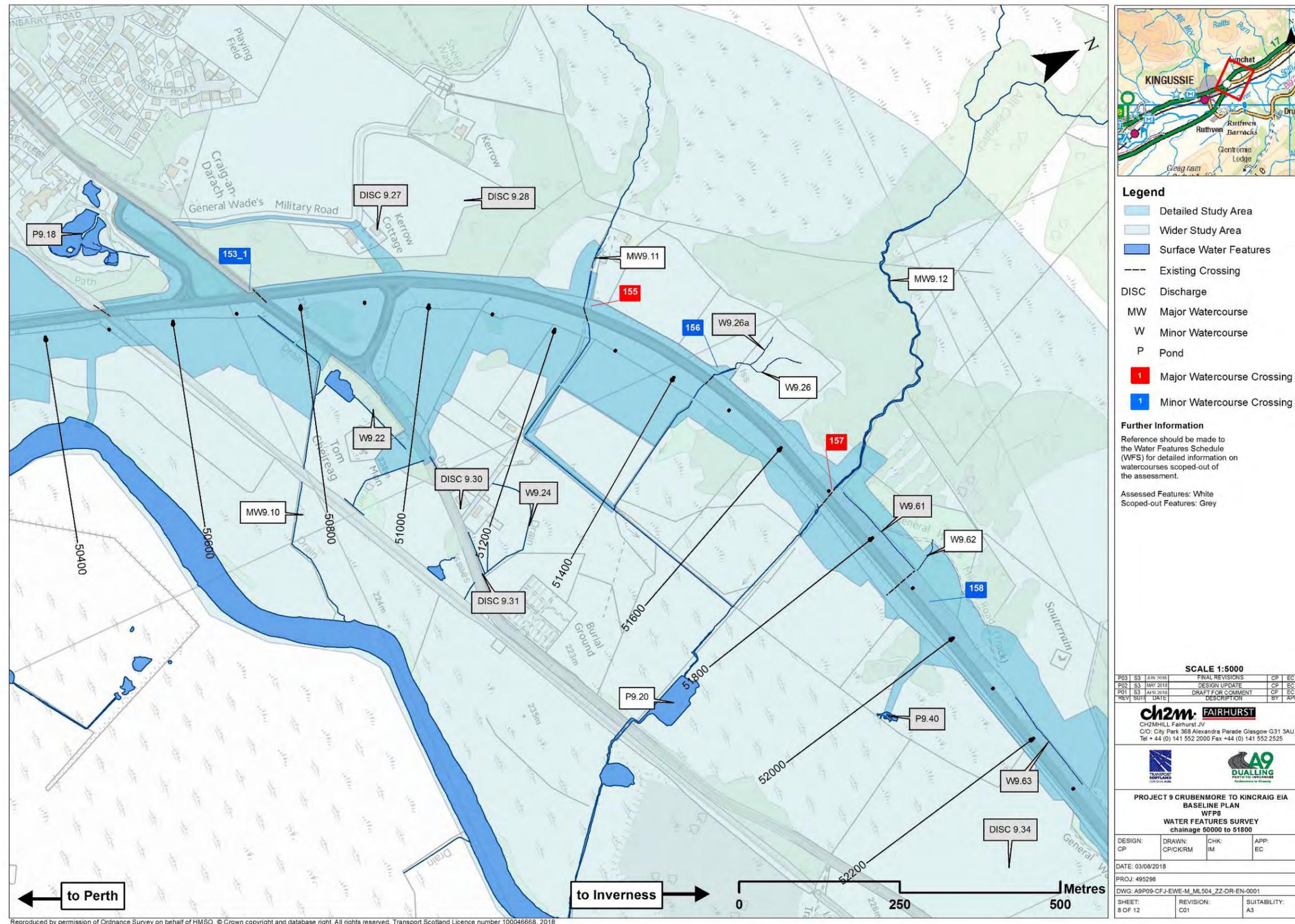


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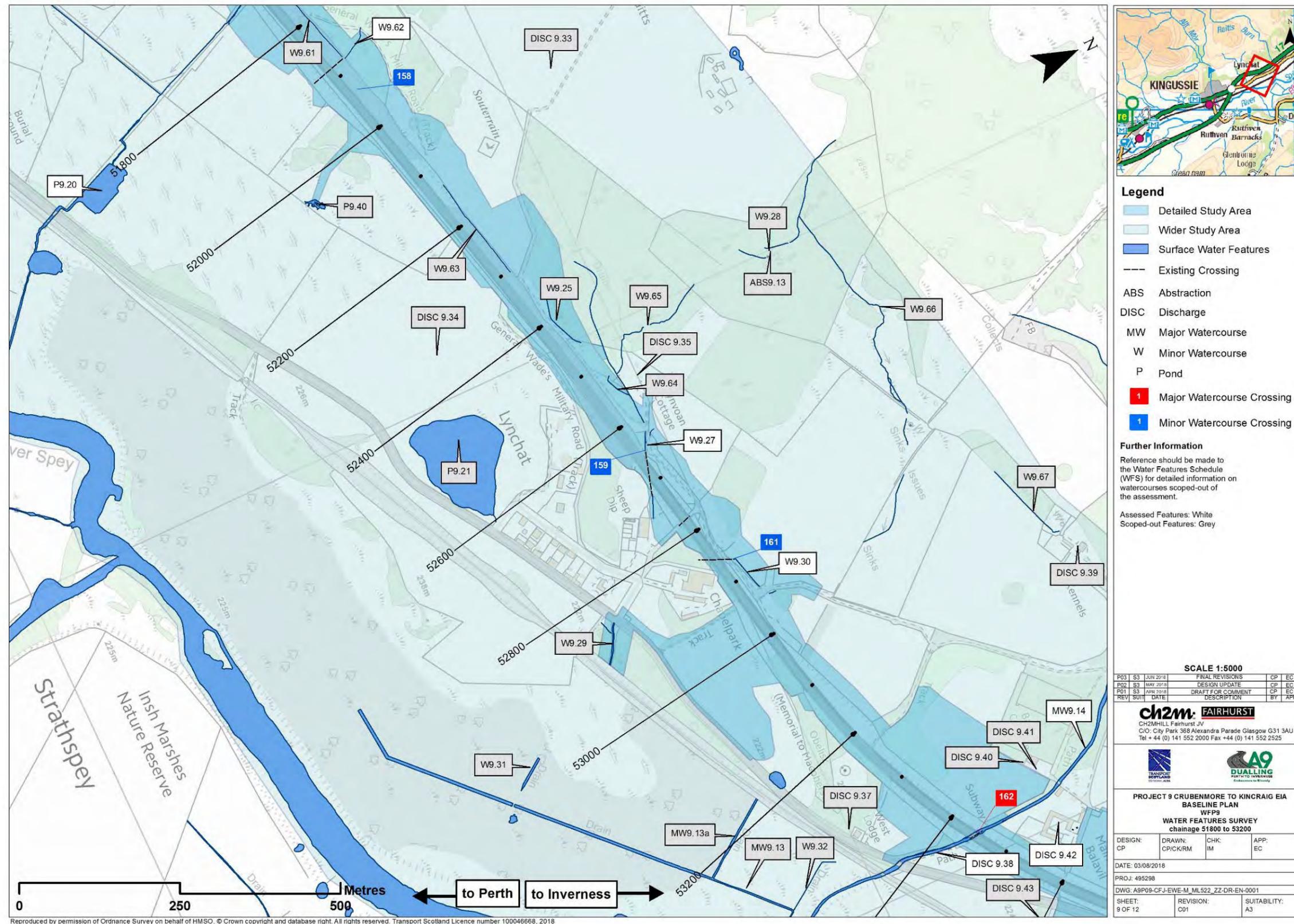


Figure WFP10

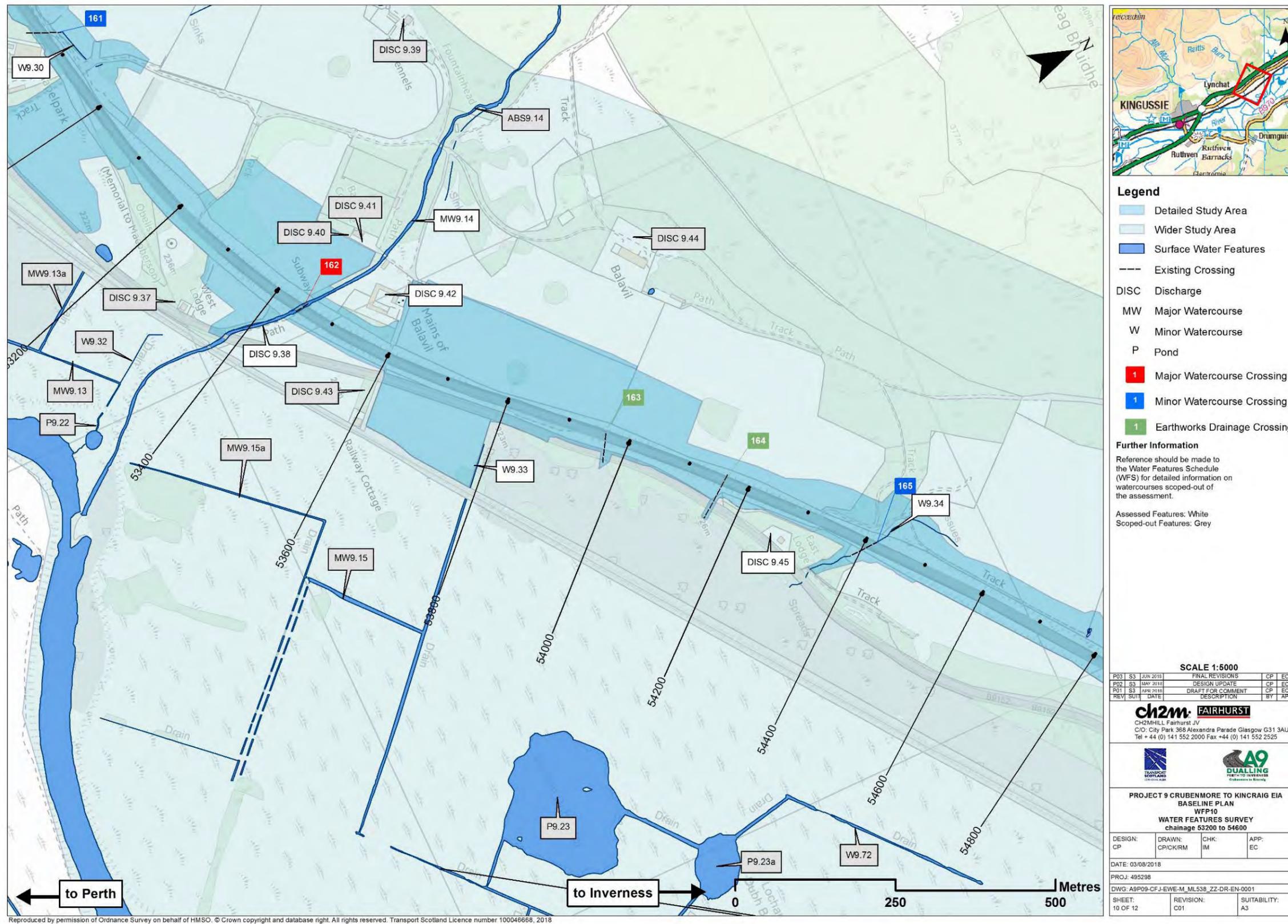


Figure WFP11

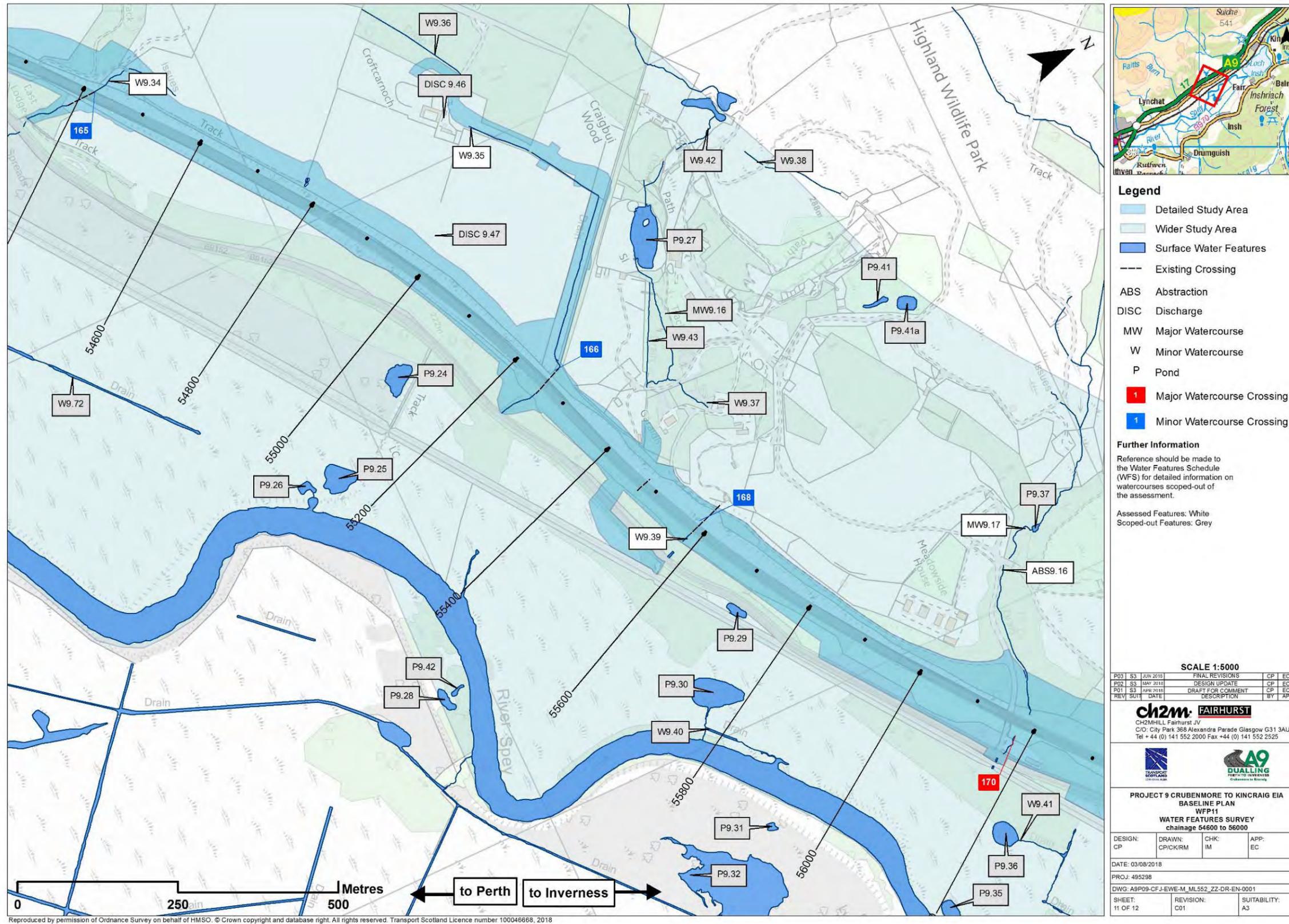
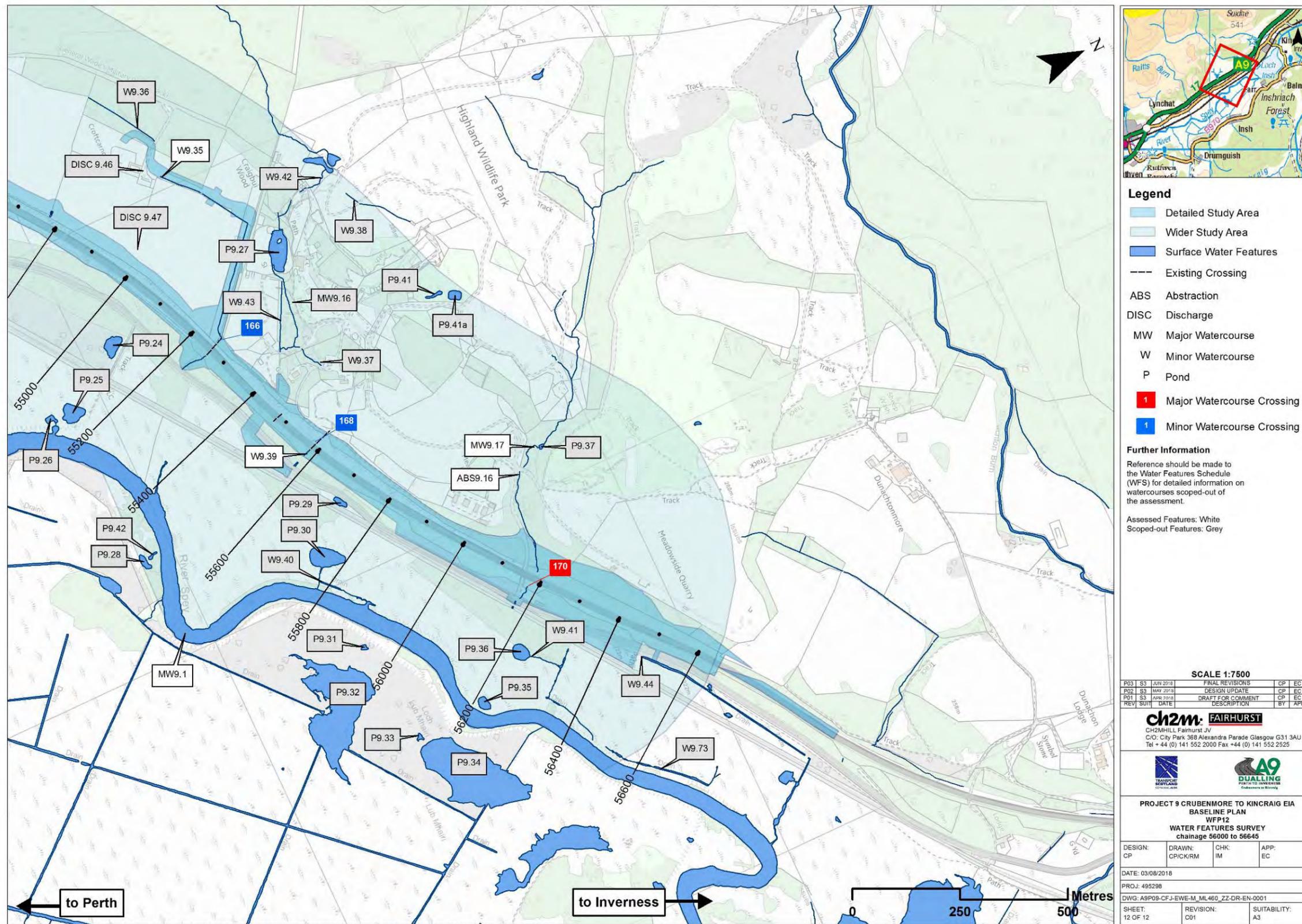
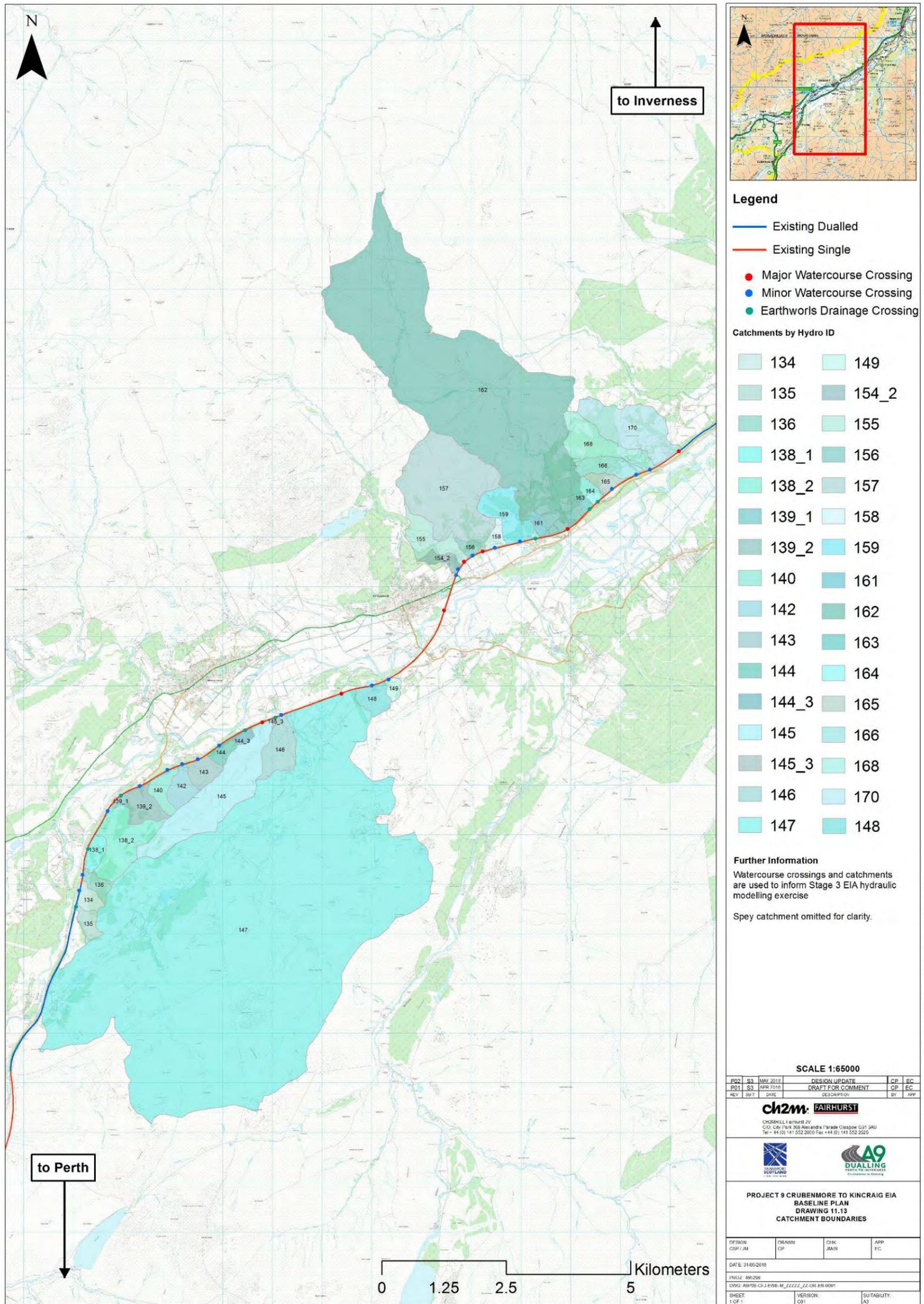


Figure WFP12



D.2 Catchment Plan

Figure CTP1



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D.3 Flood Extent: Pre-development

Figure FEX1

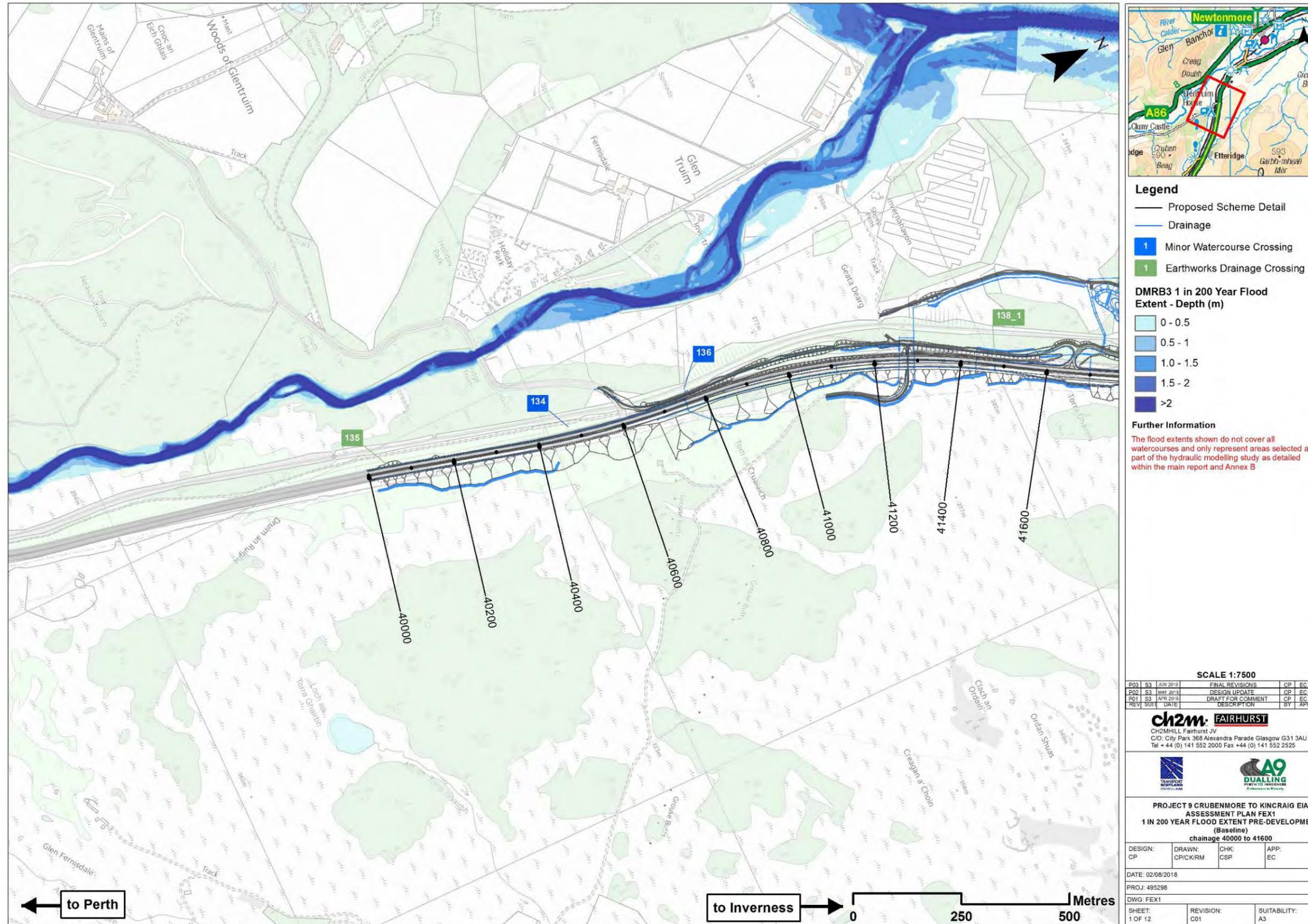
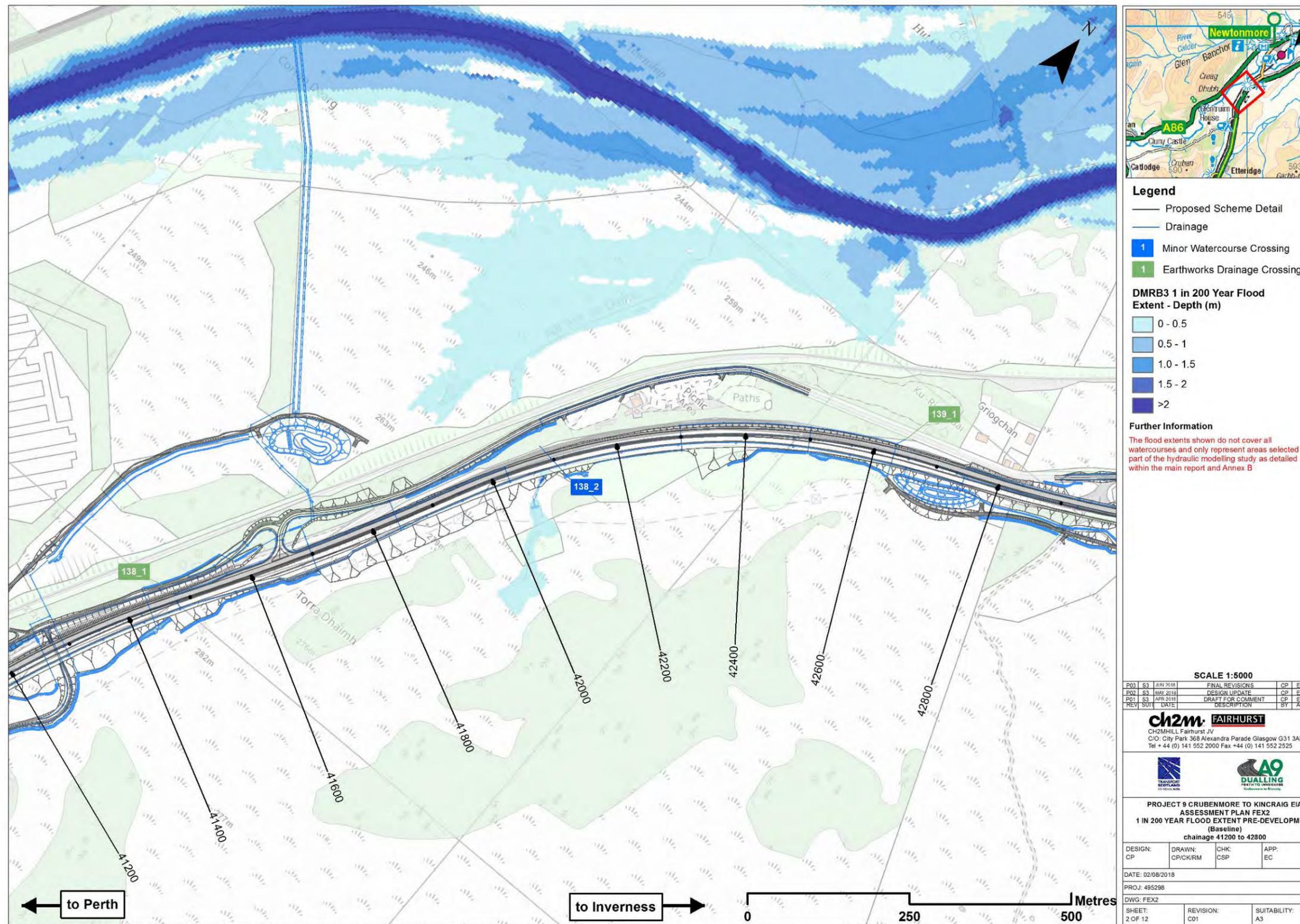


Figure FEX2



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Figure FEX3

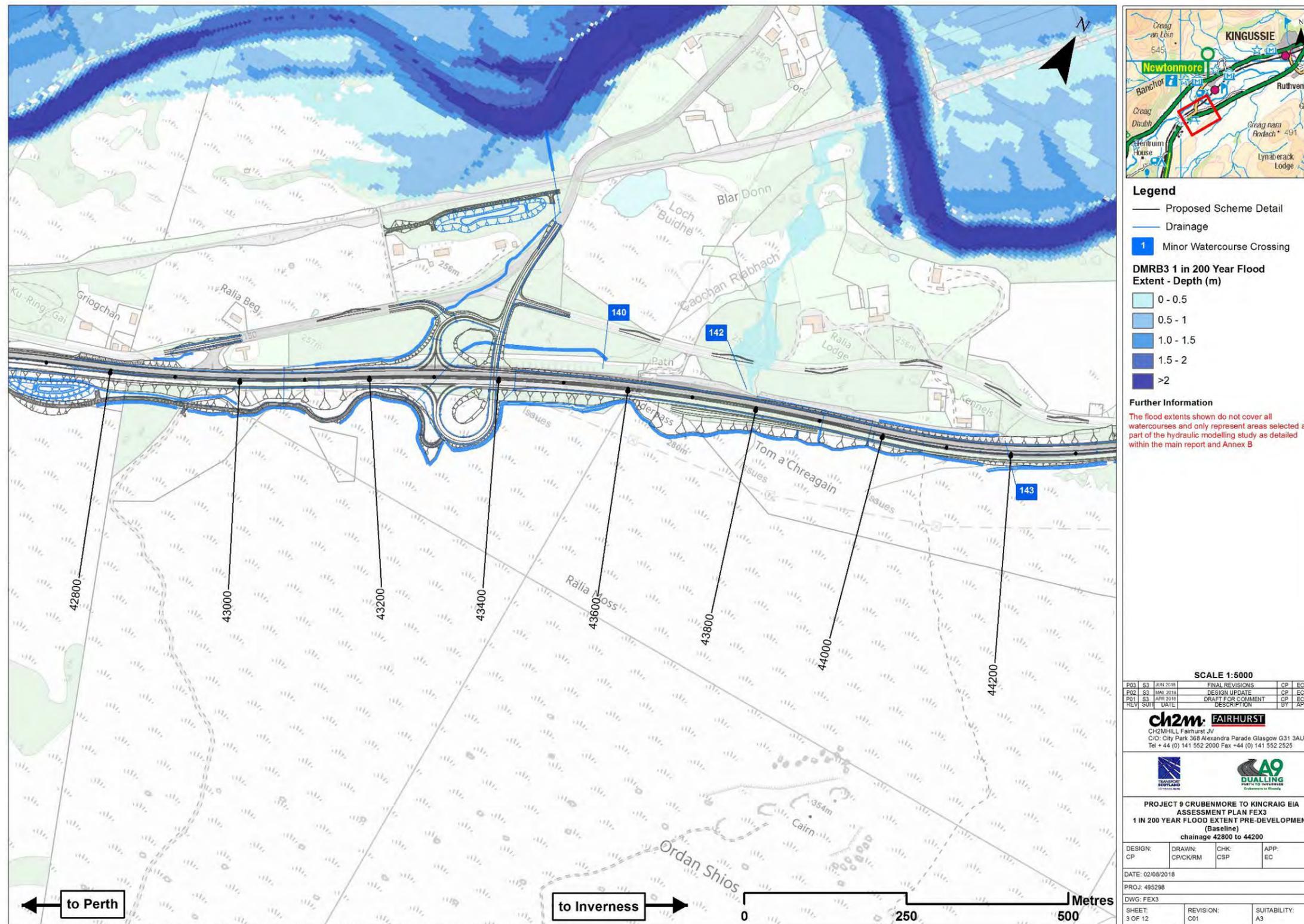


Figure FEX4

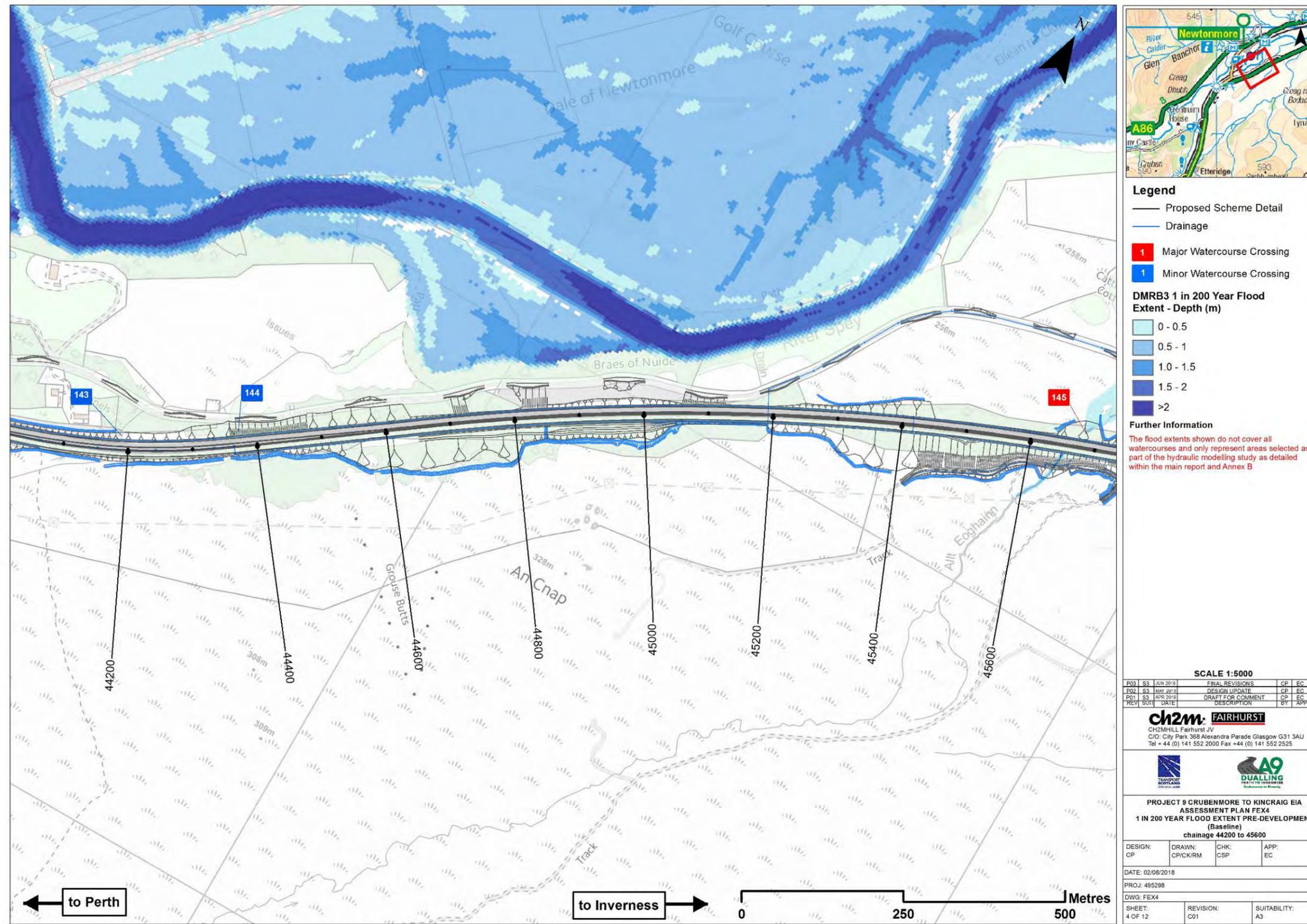


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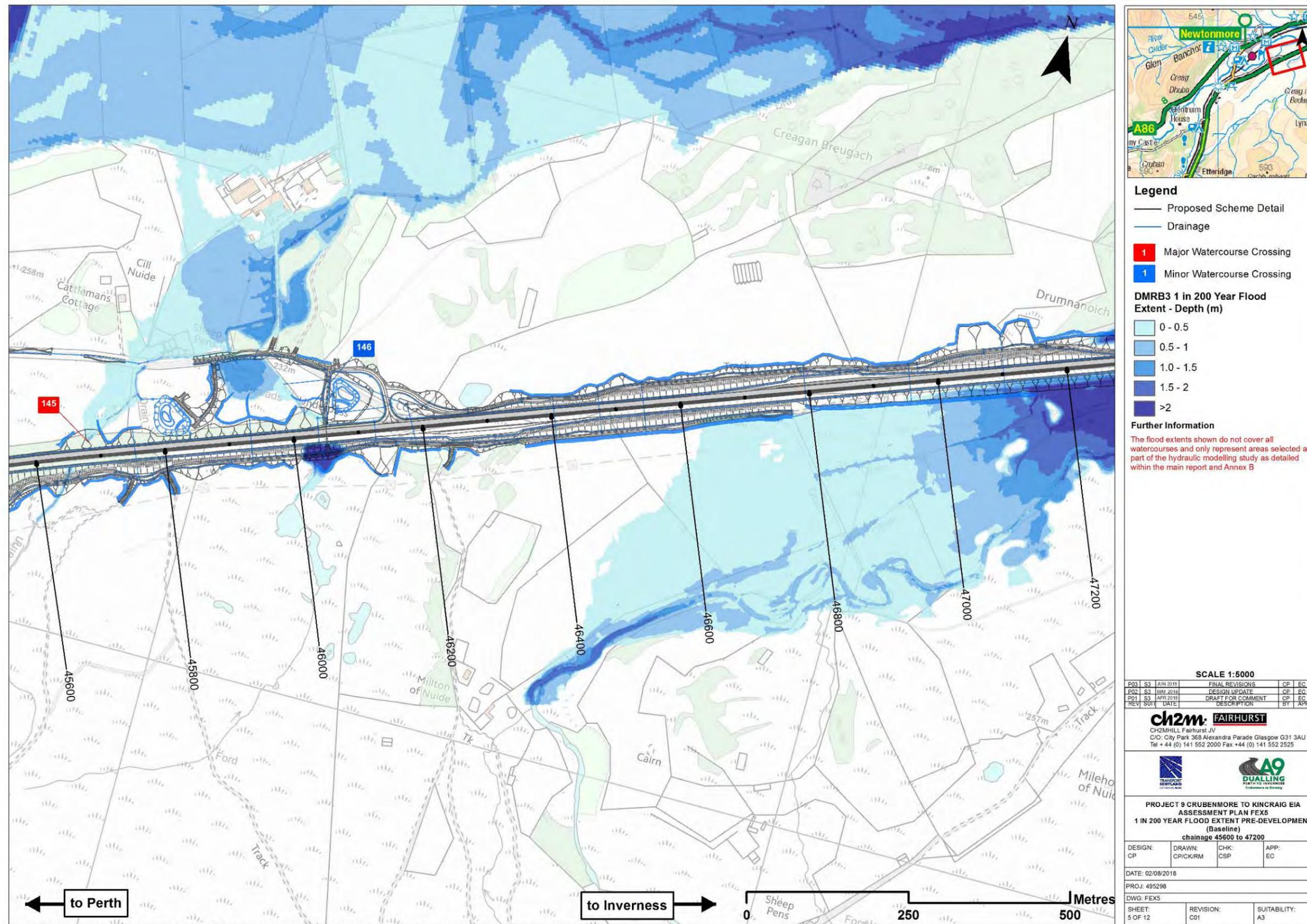


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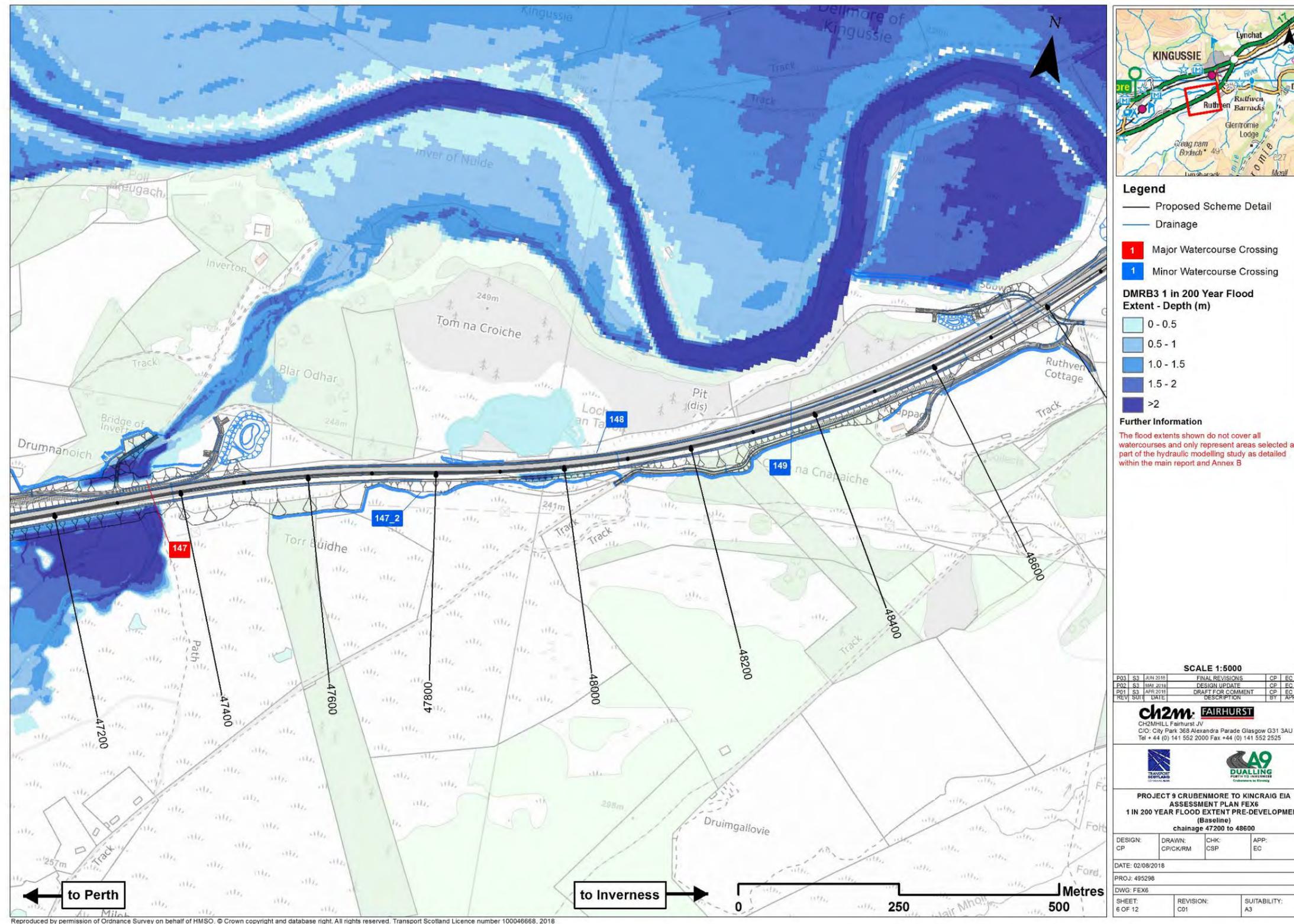


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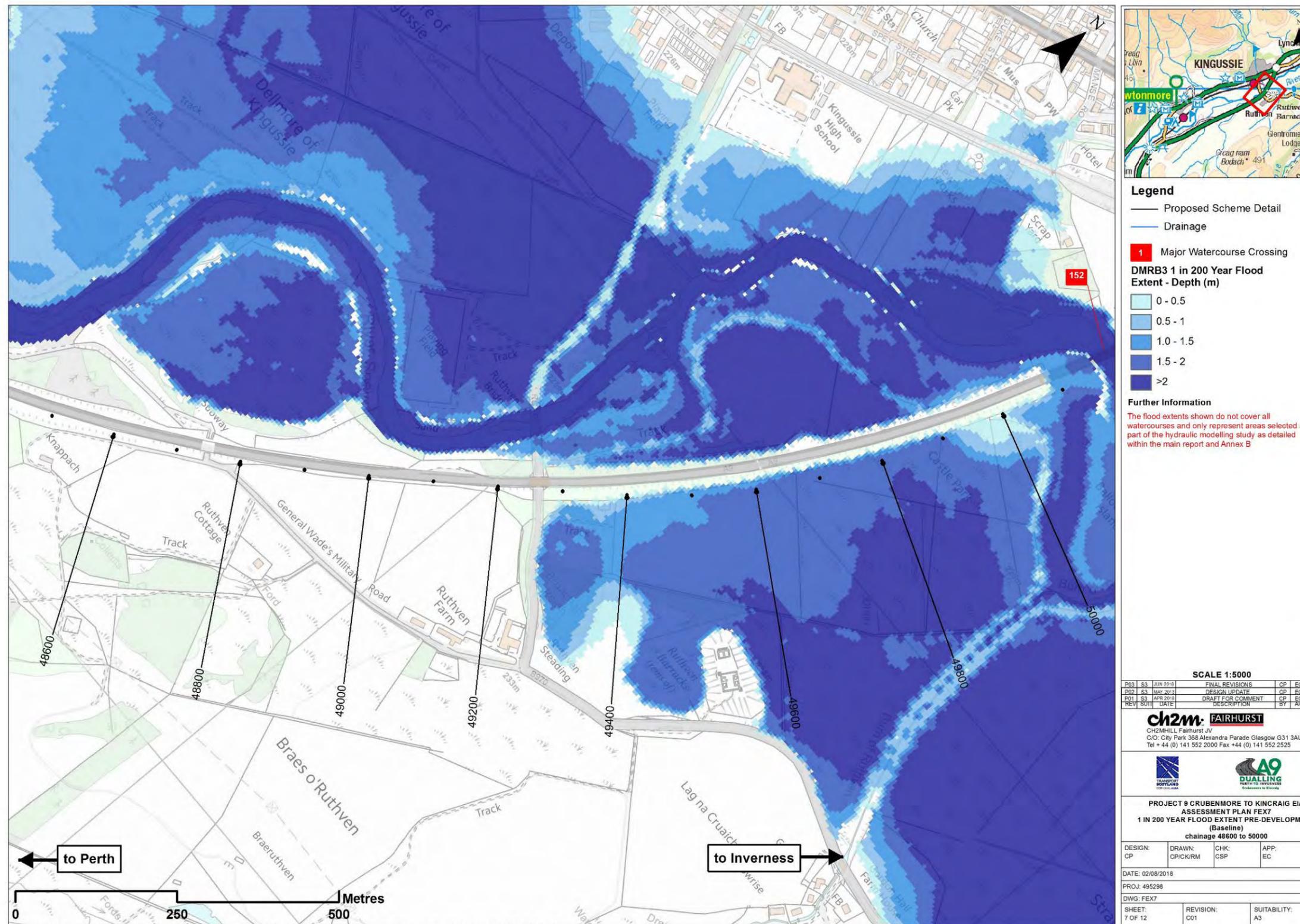


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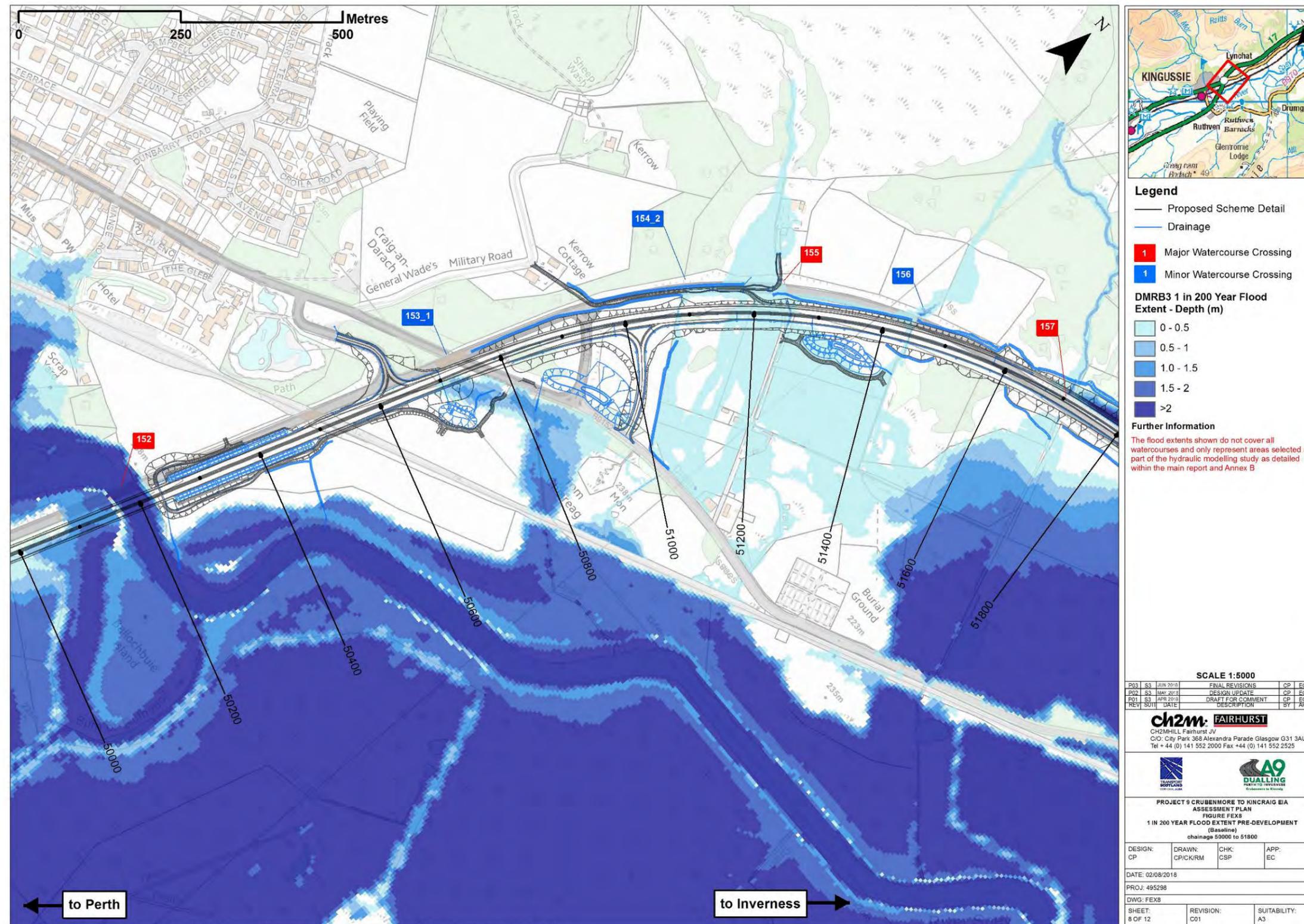


Figure FEX9

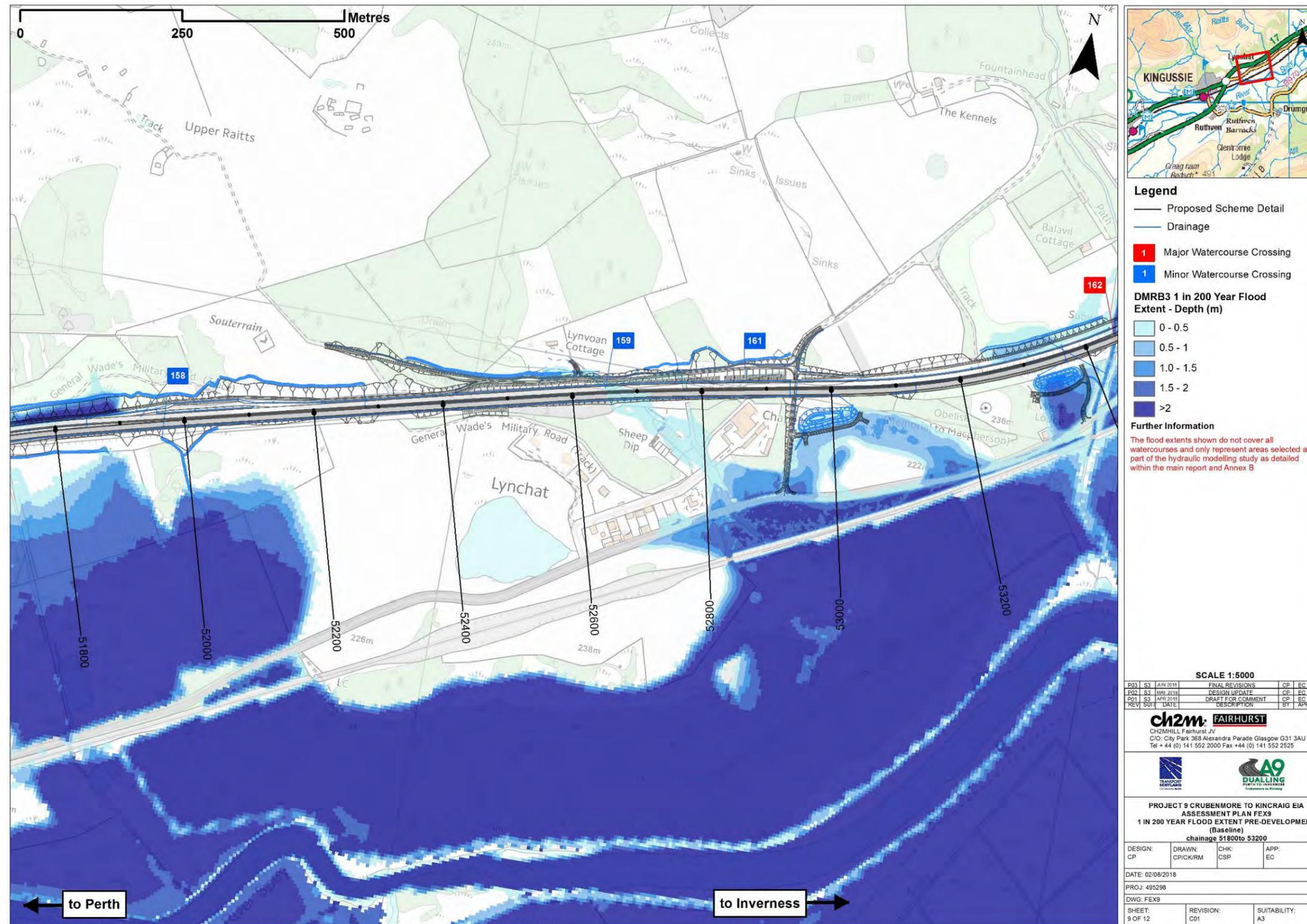
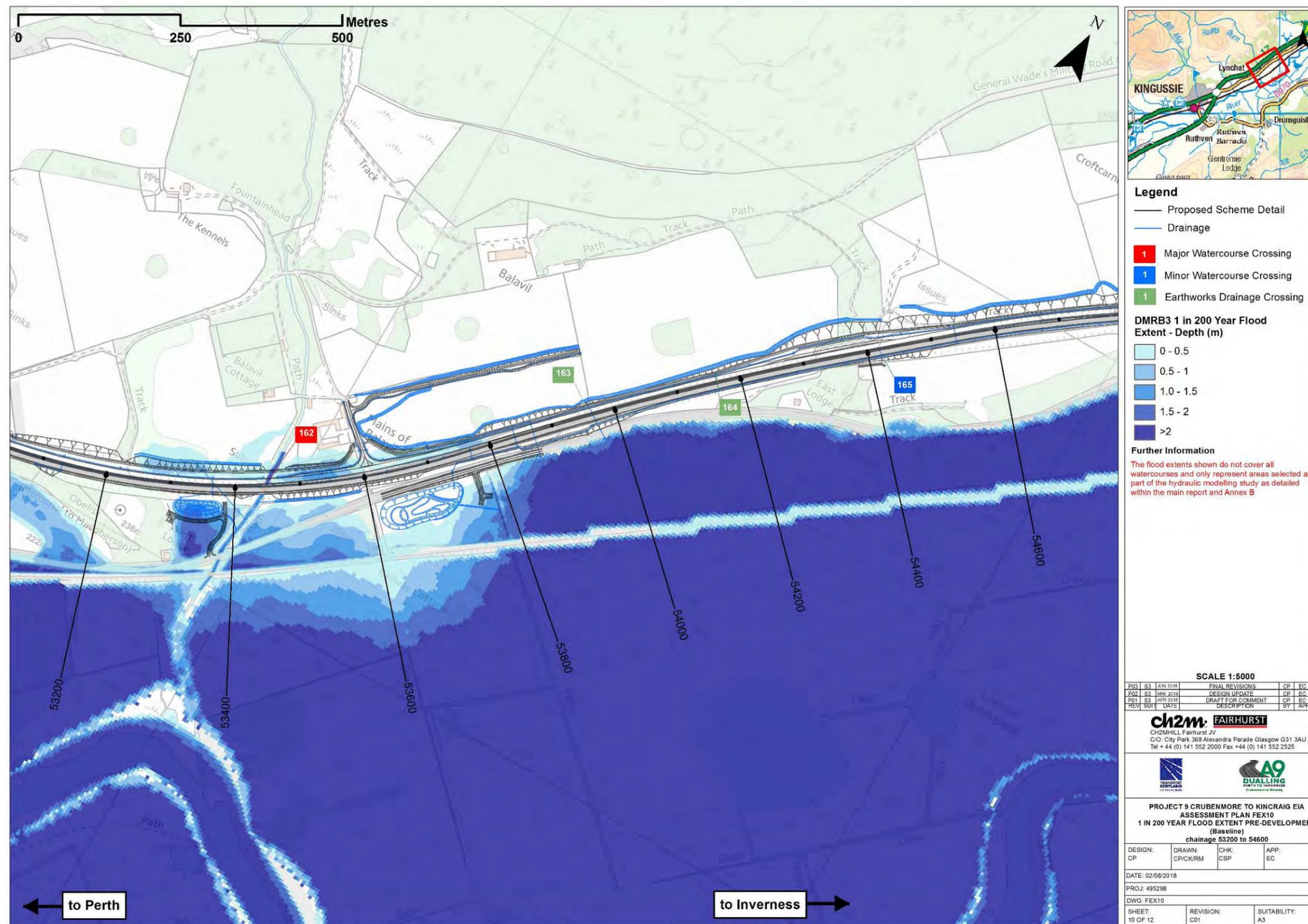


Figure FEX10



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Figure FEX11

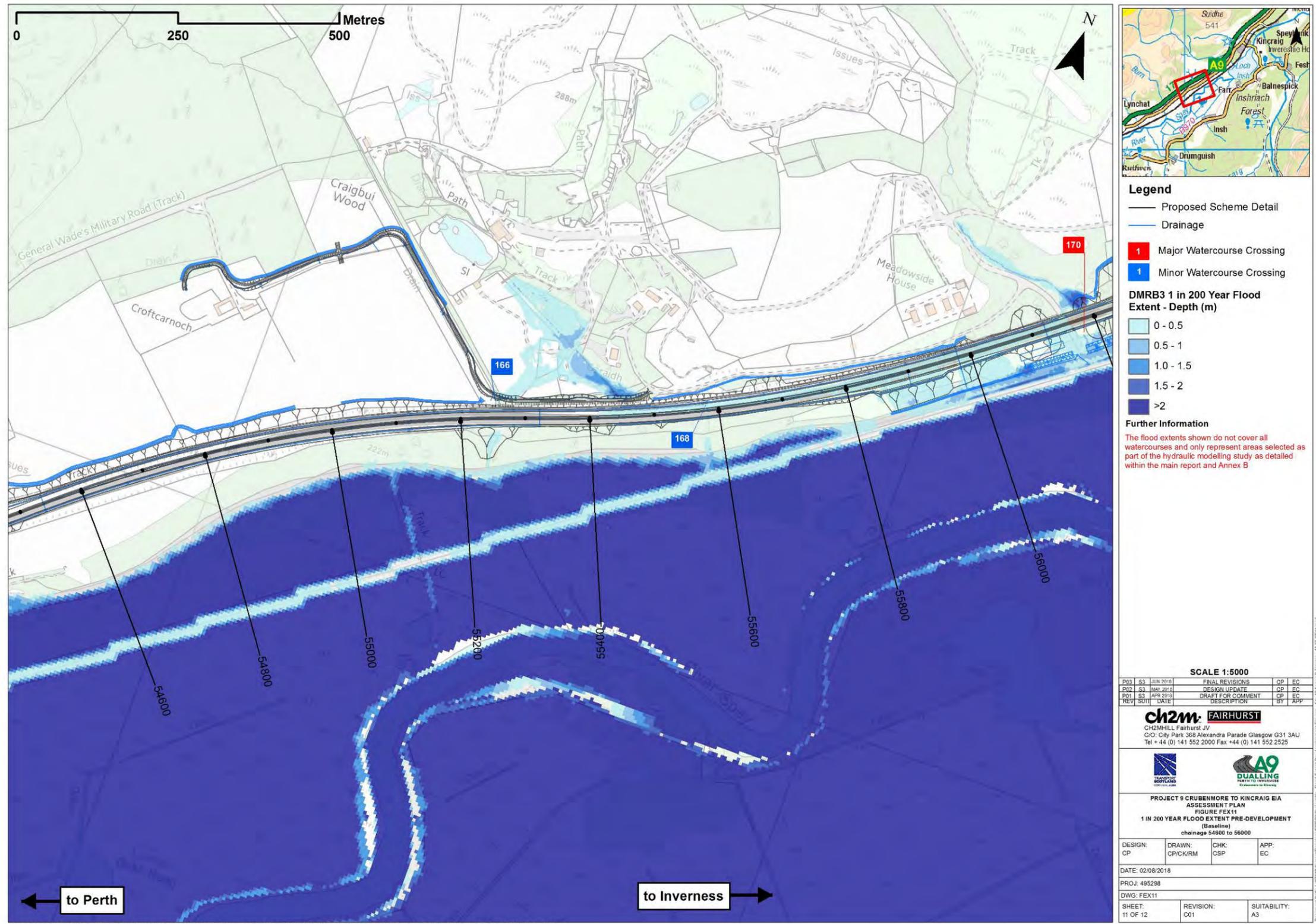
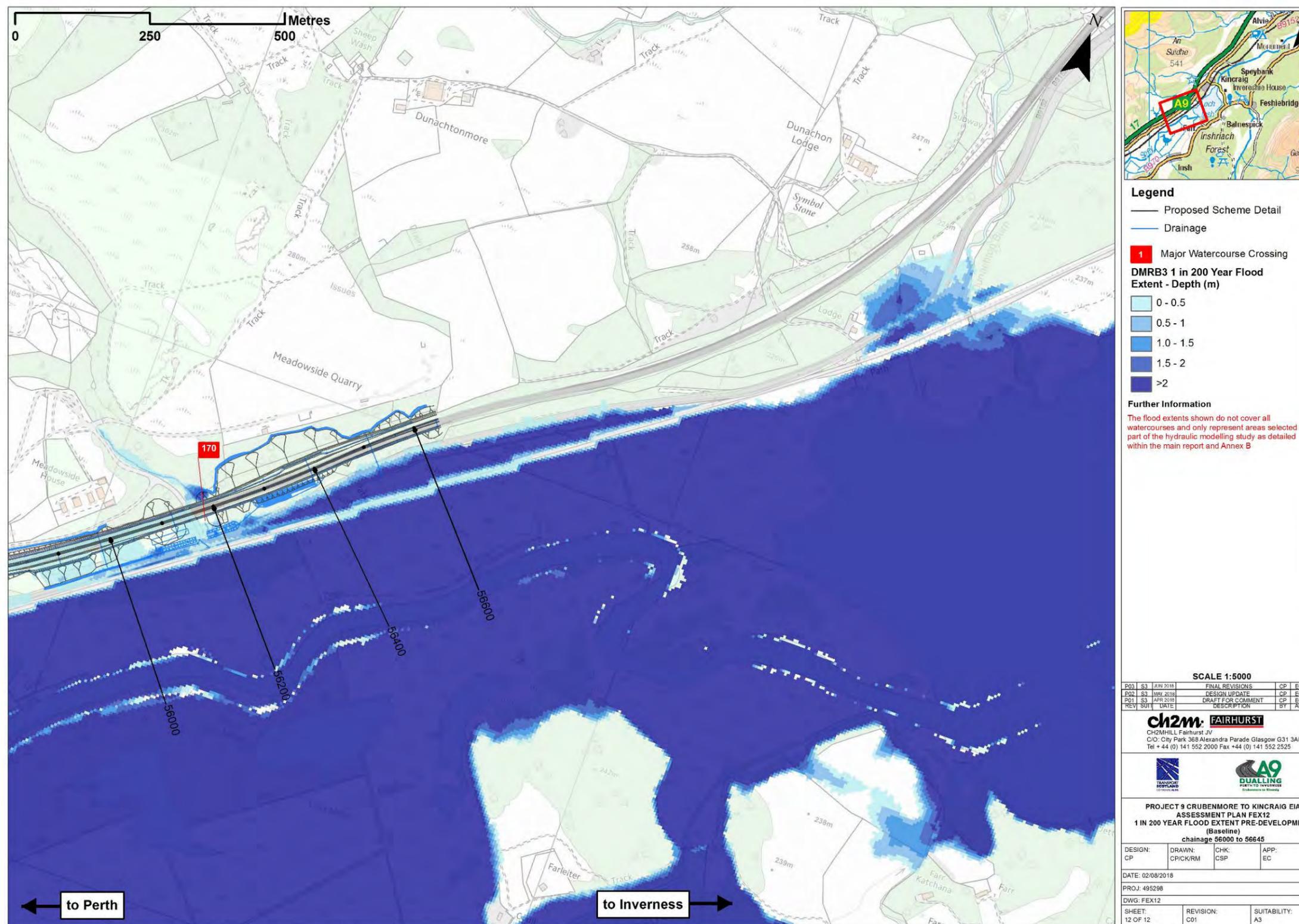


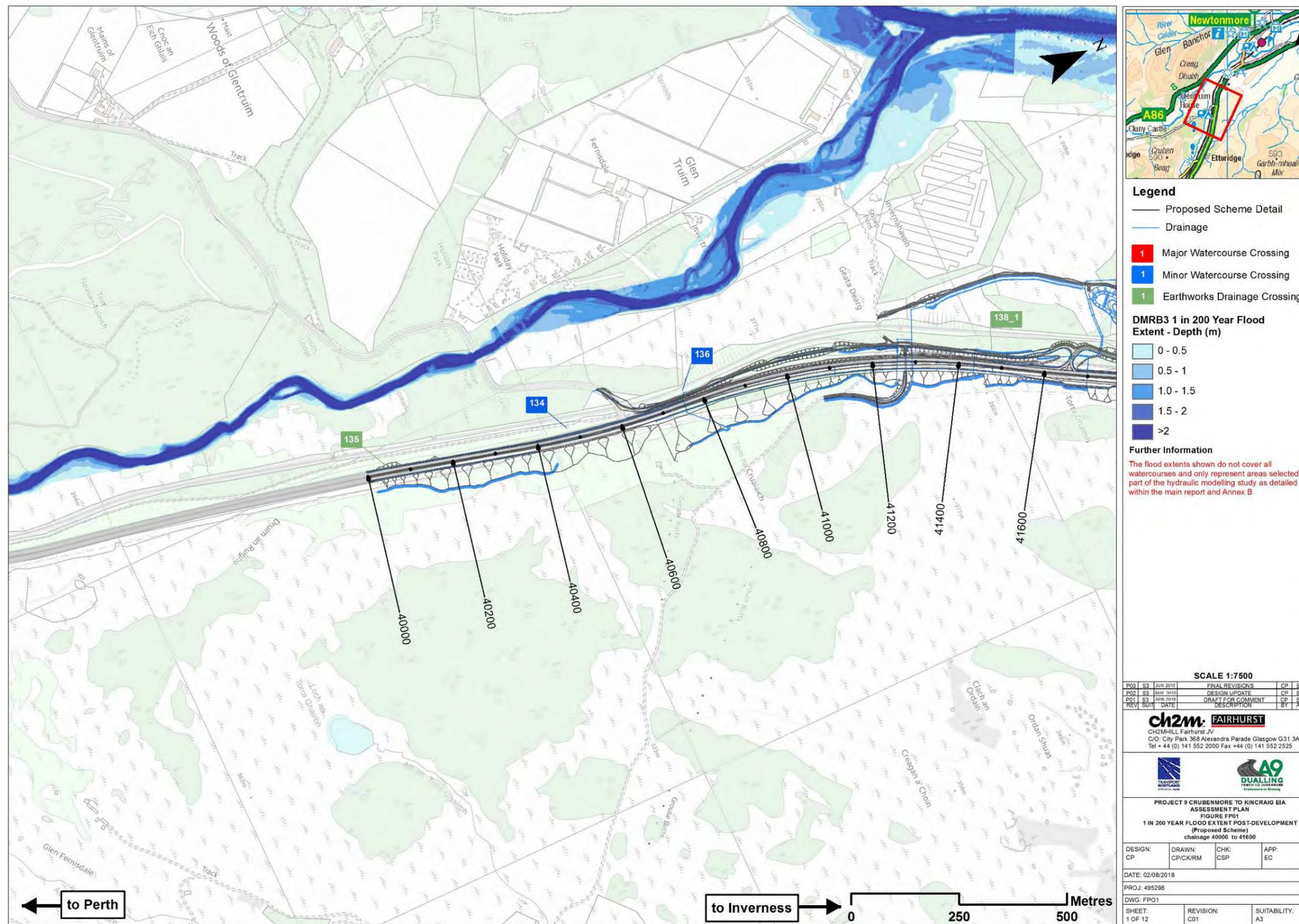
Figure FEX12



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D.4 Flood Extent: Post-development

Figure FPO1



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Figure FPO2

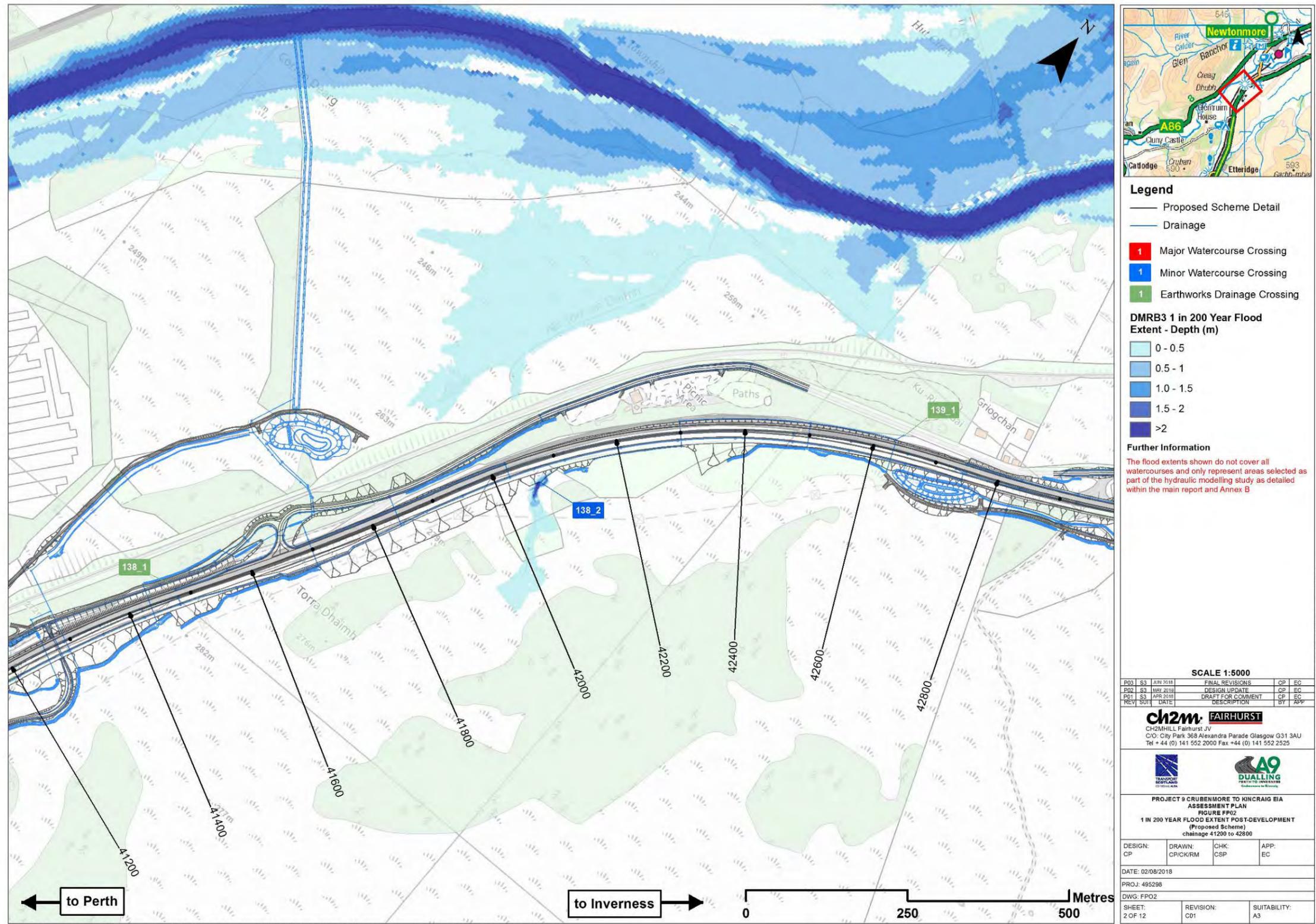


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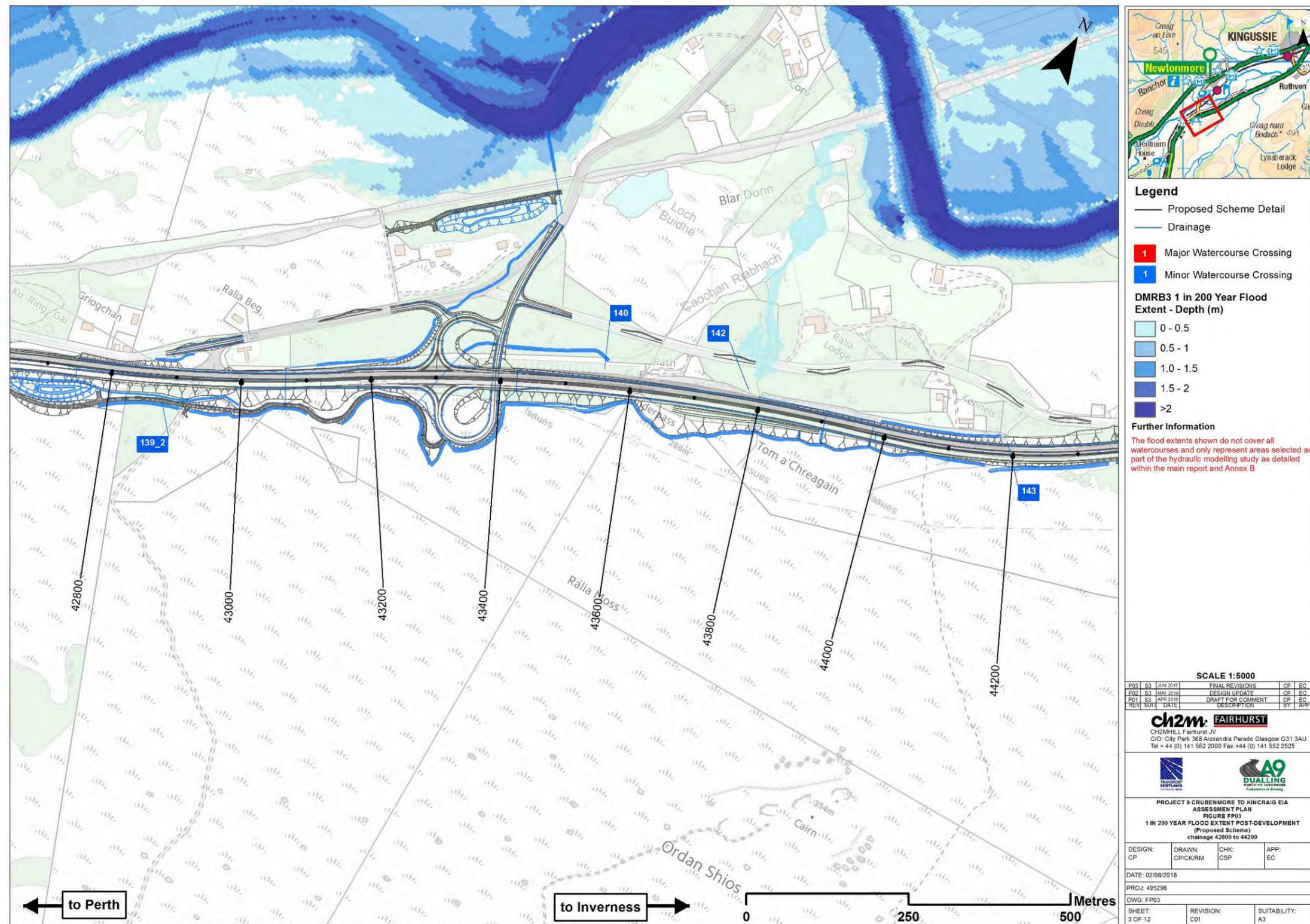


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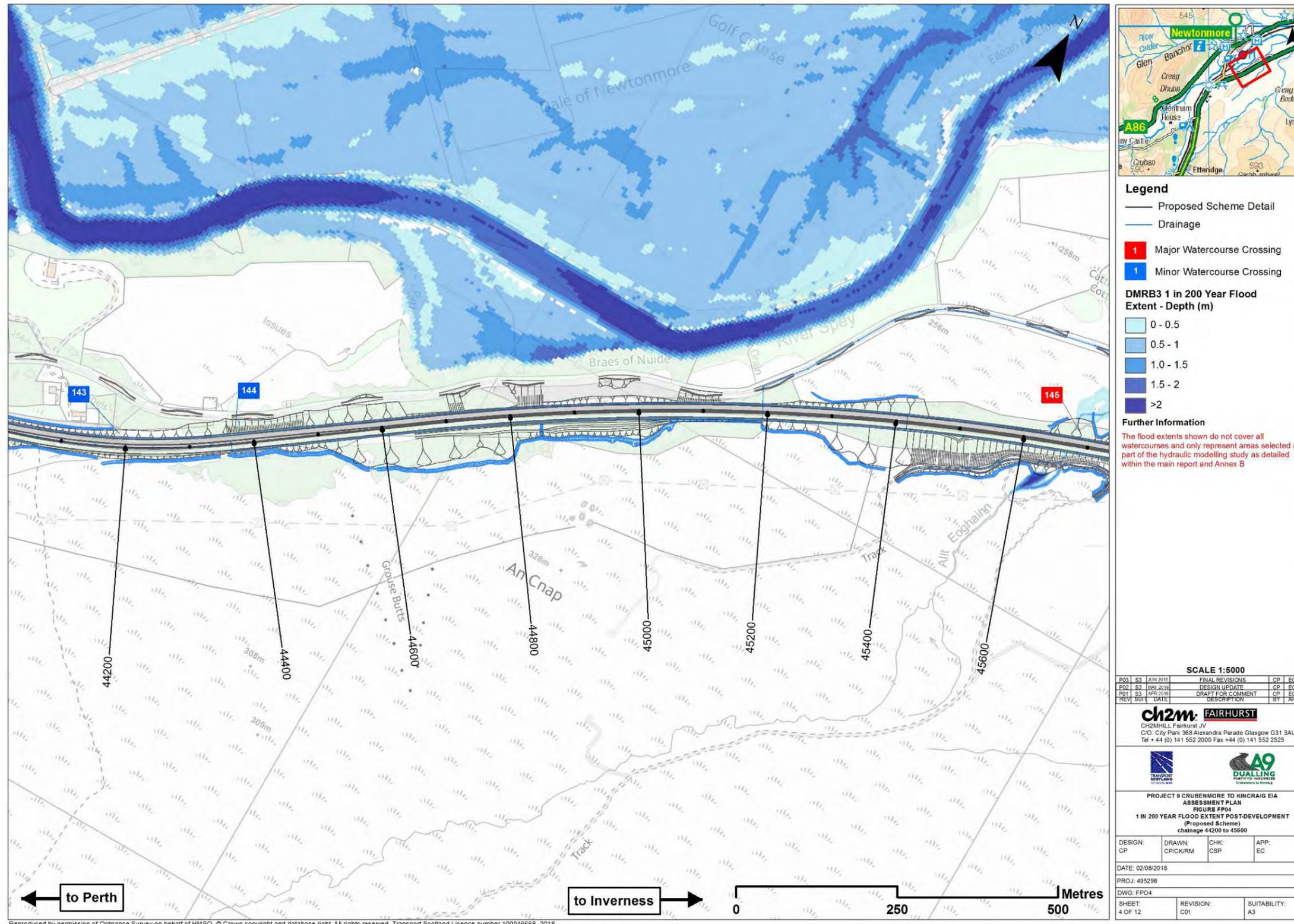


Figure FPO5

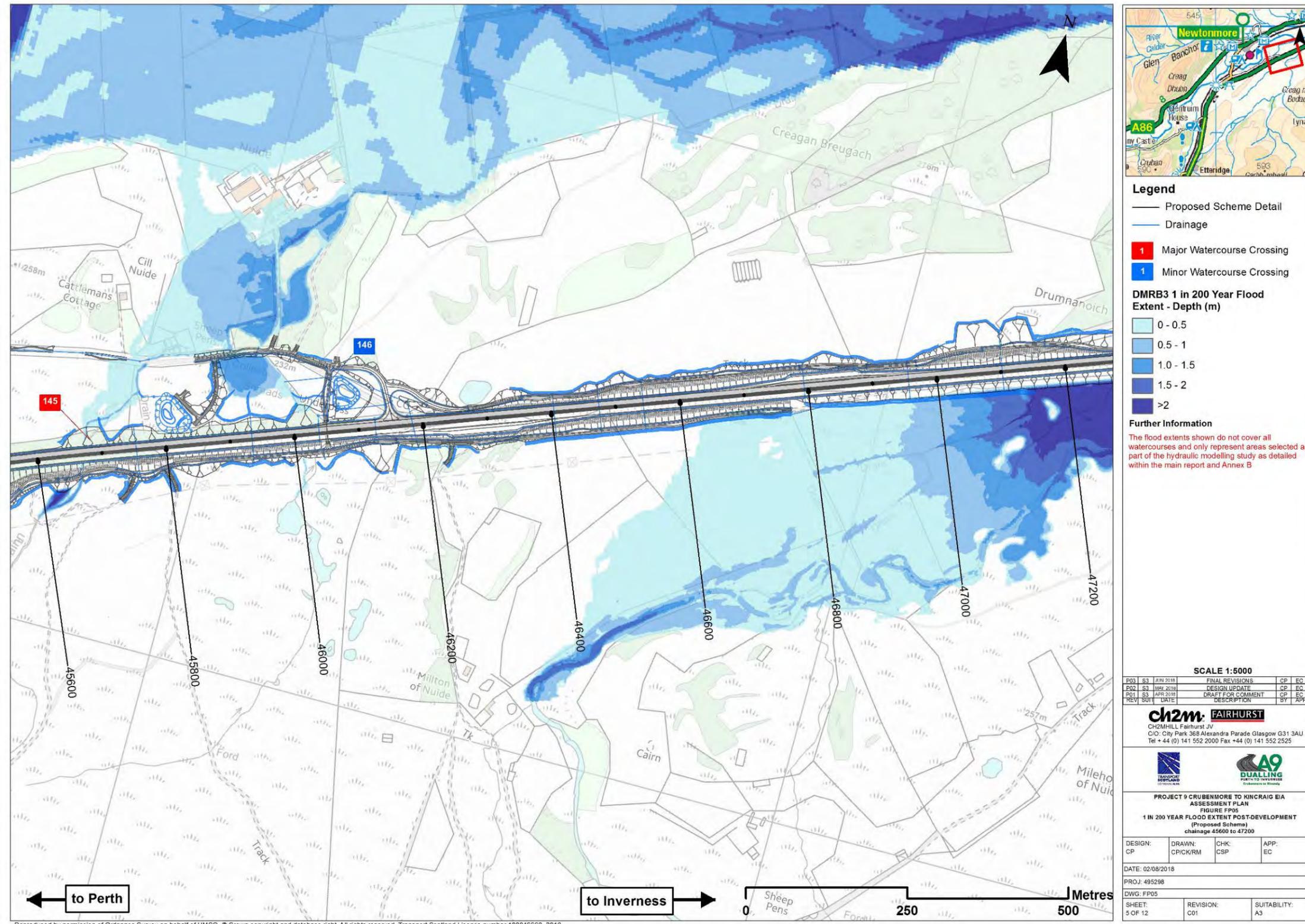


Figure FPO6

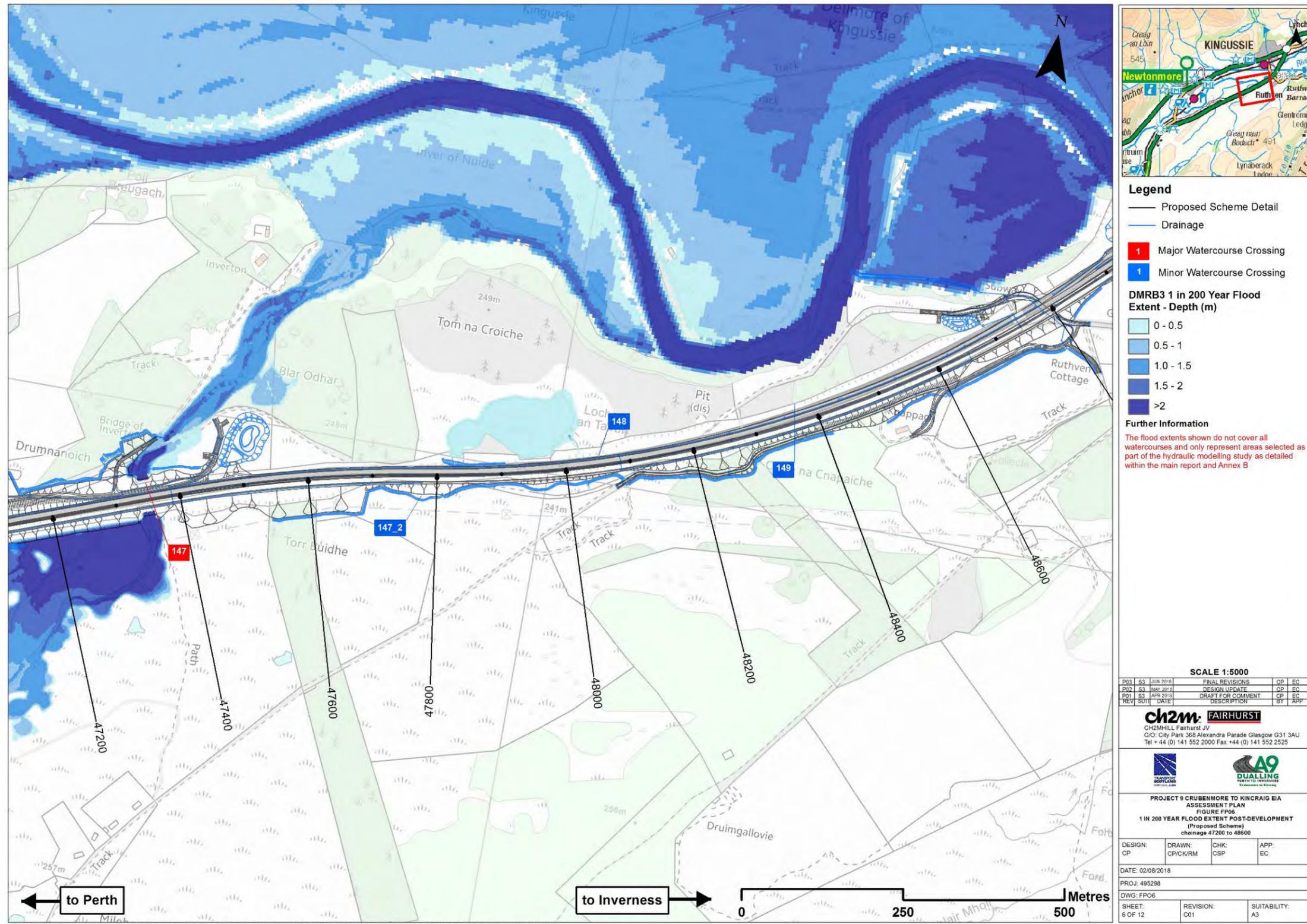
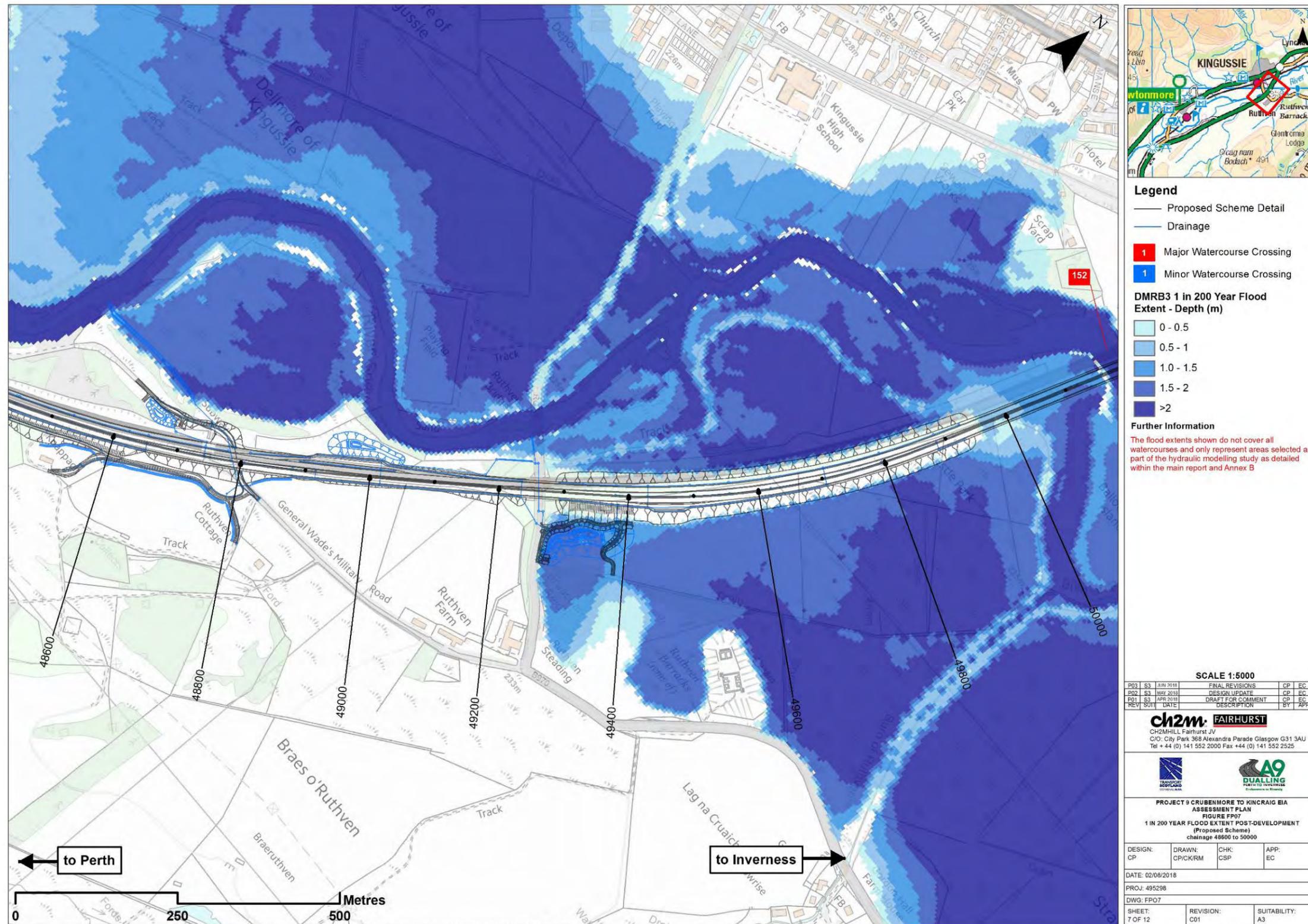
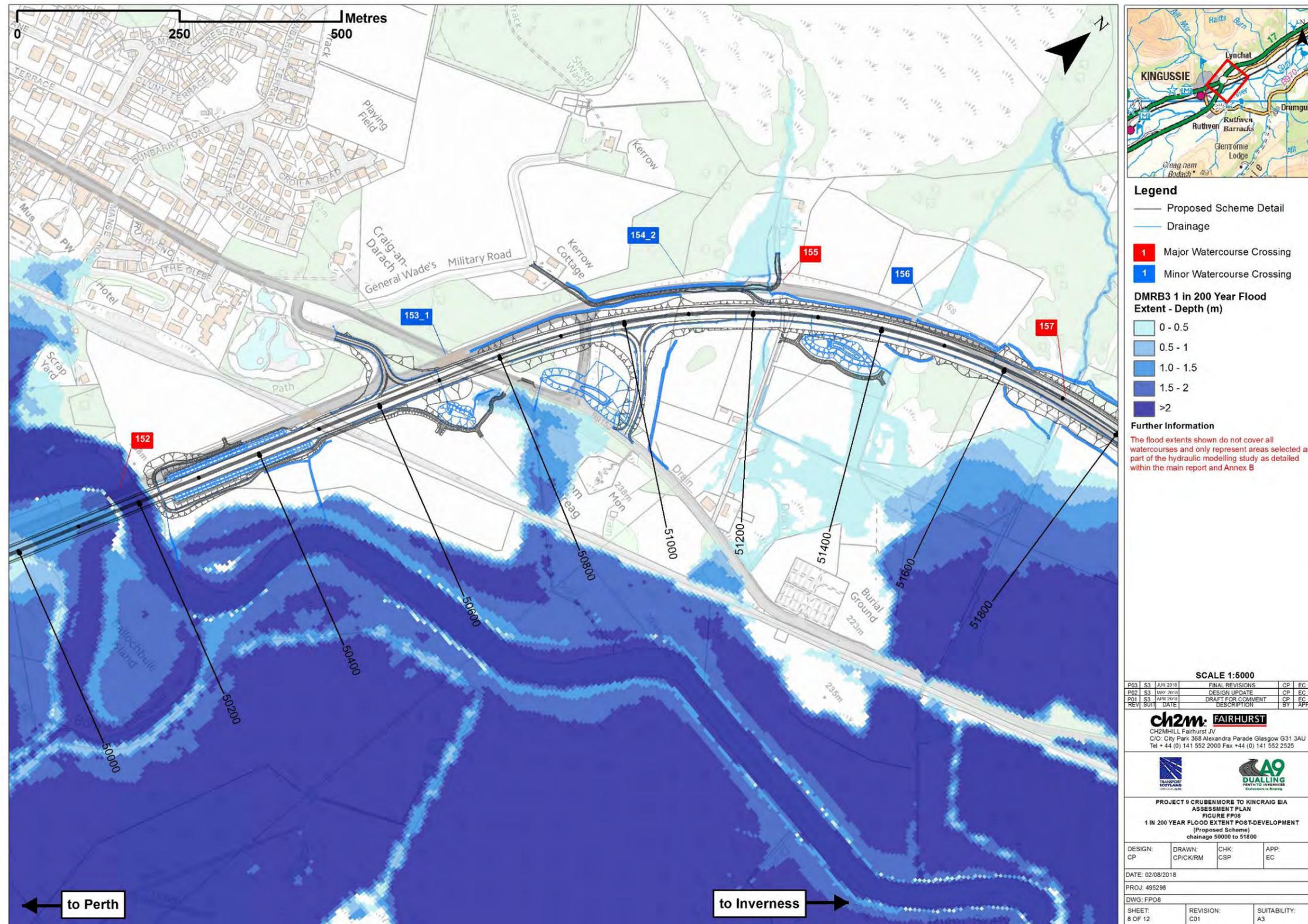


Figure FPO7



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Figure FPO9

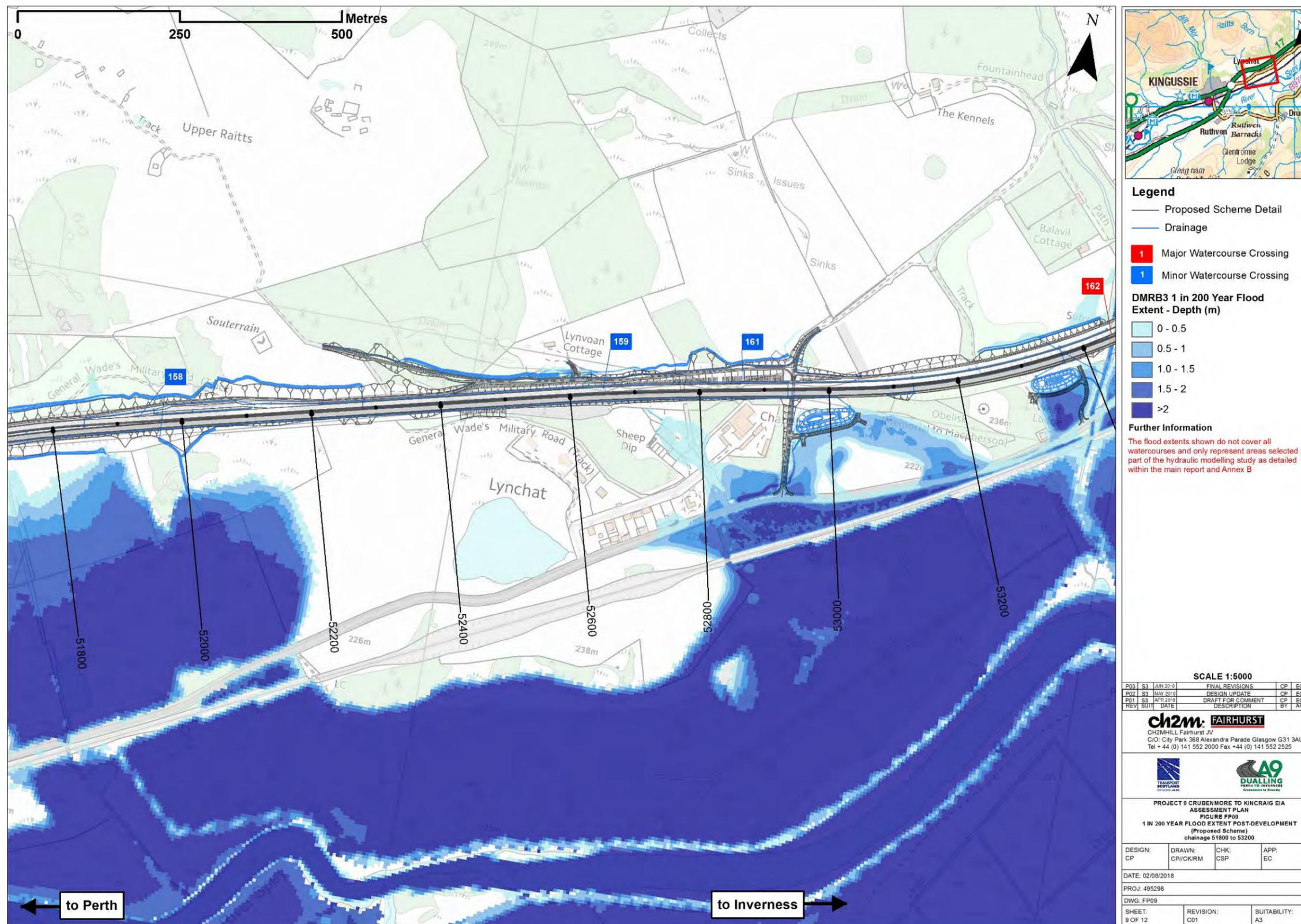
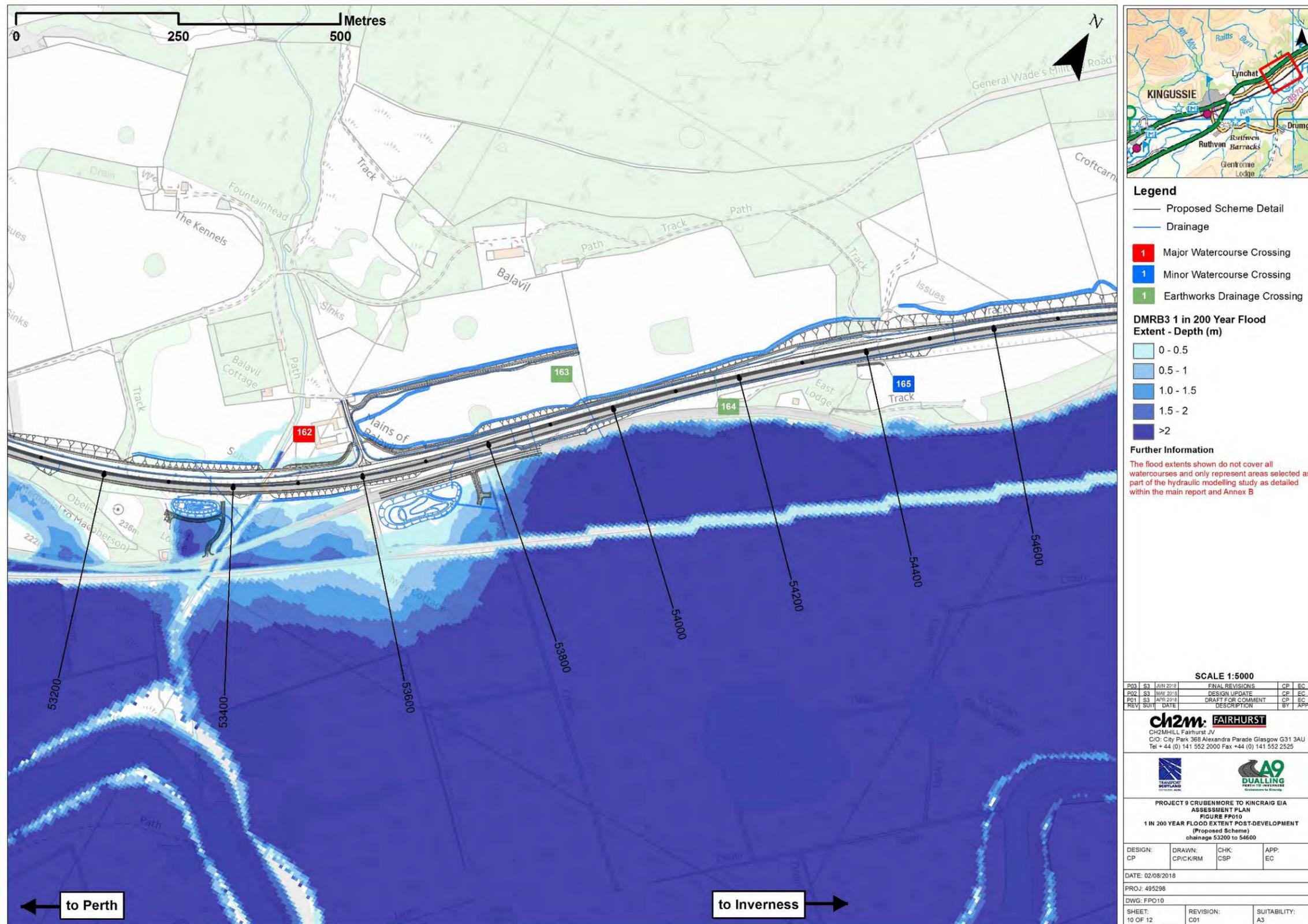
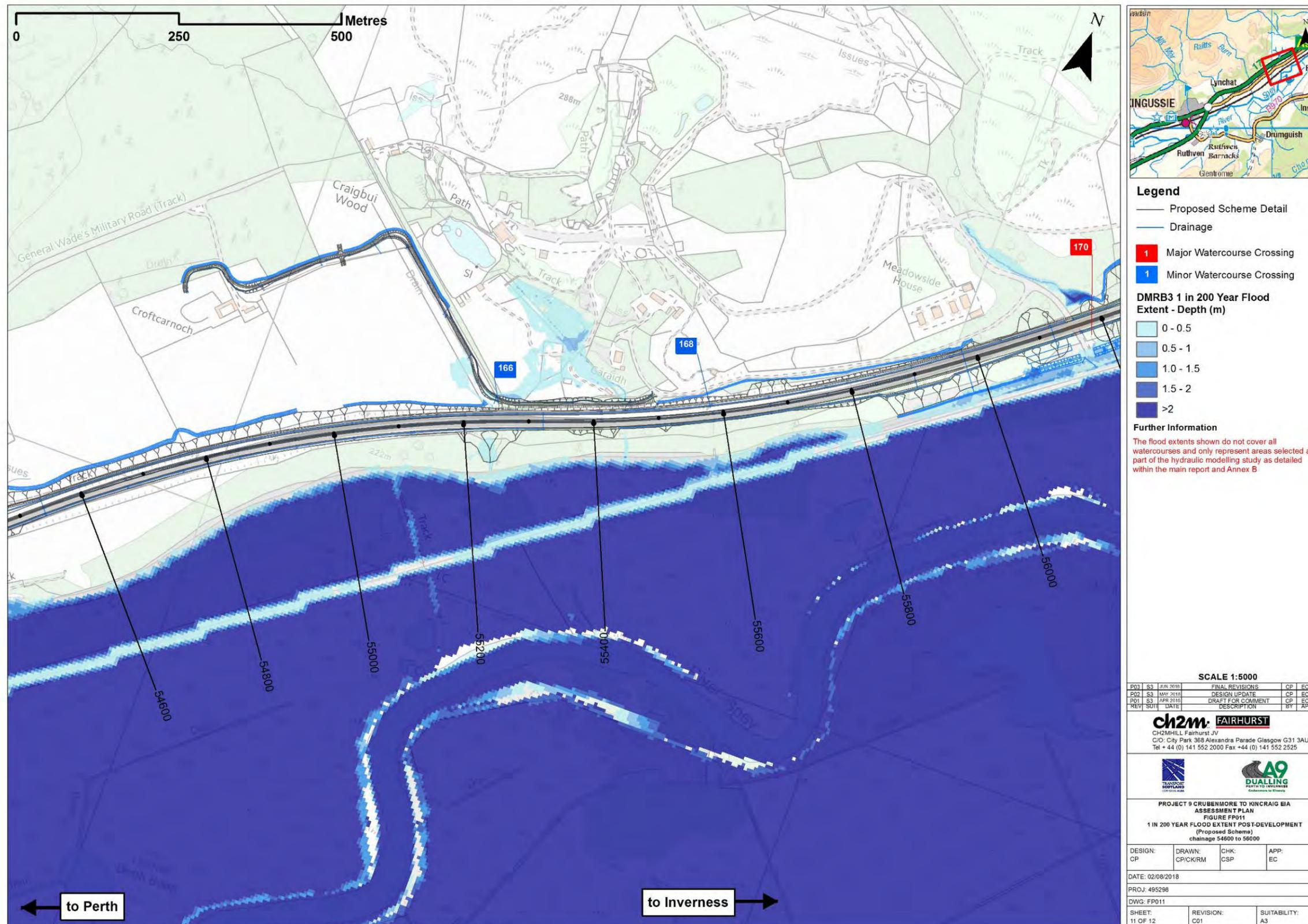


Figure FPO10



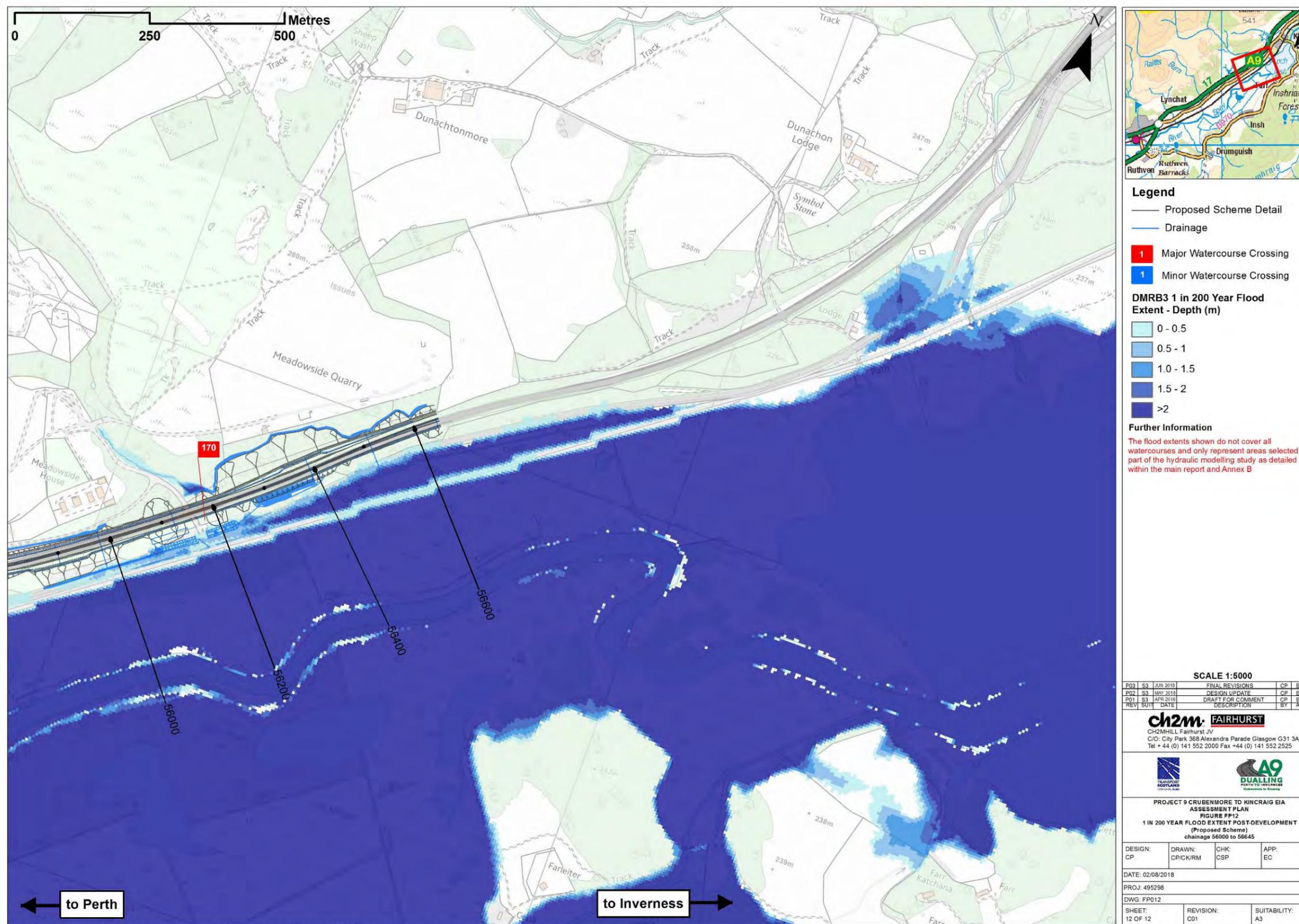
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Figure FPO11



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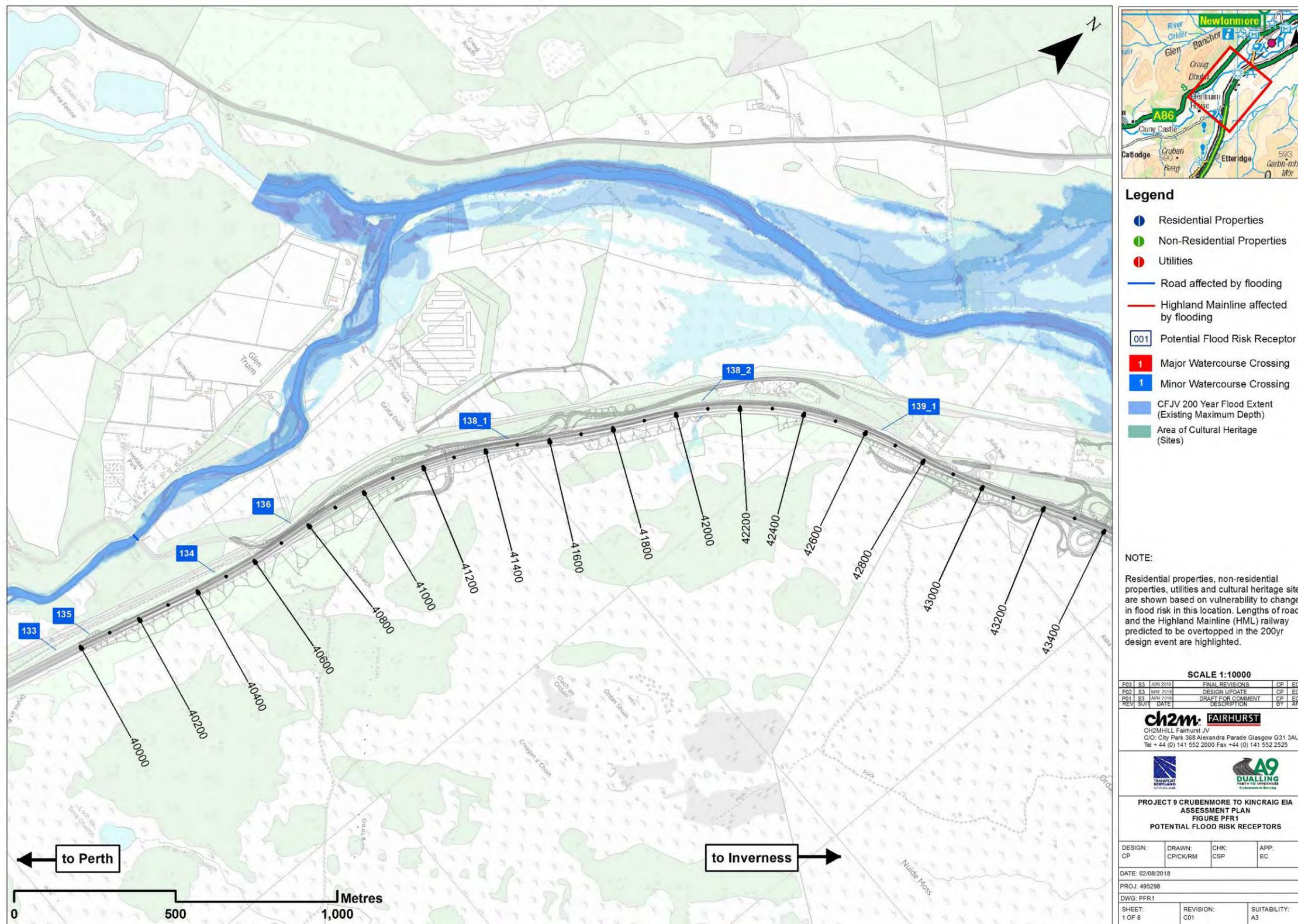
Figure FPO12



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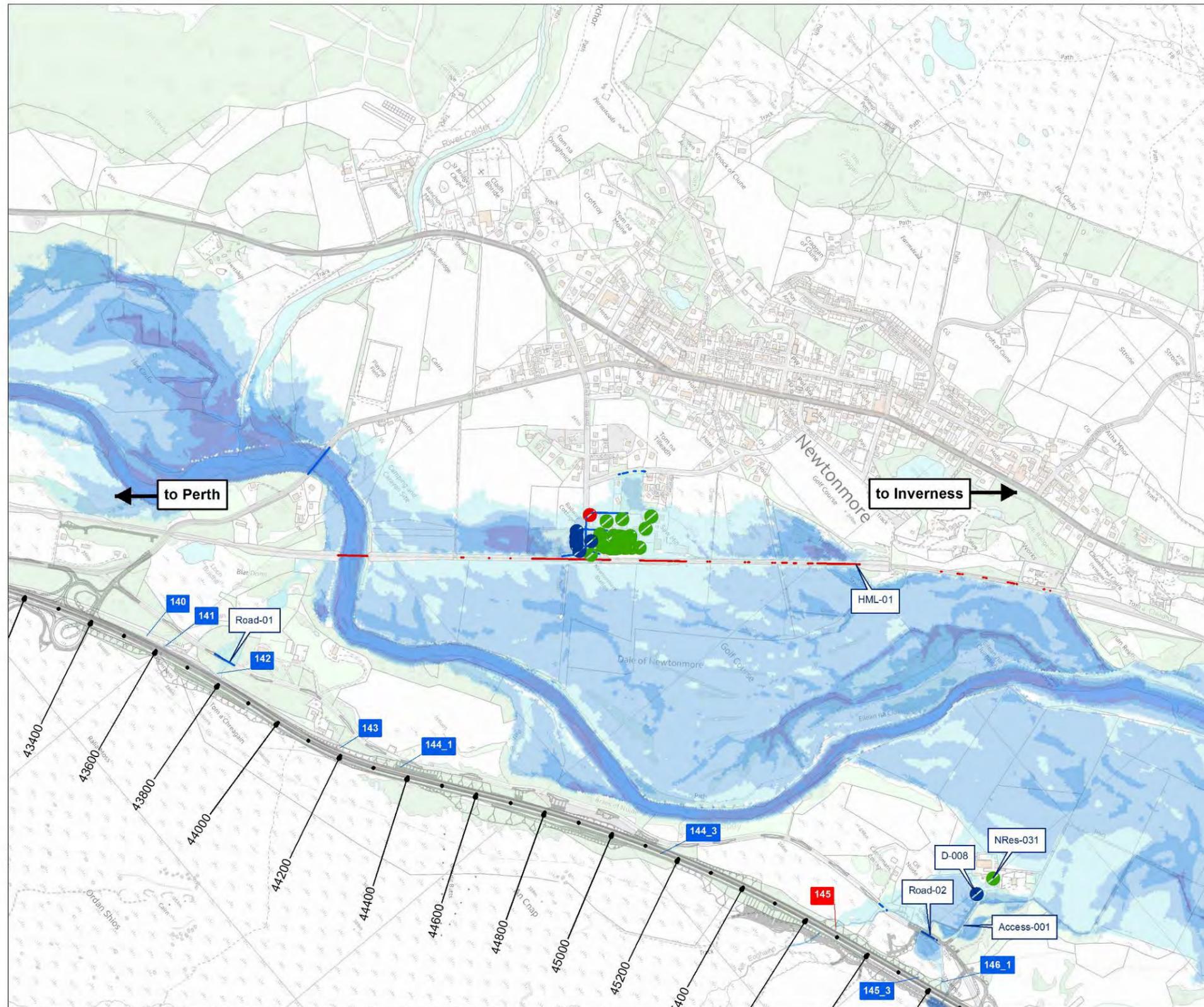
D.5 Potential Flood Risk Receptors

Figure PFR1



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Figure PFR2



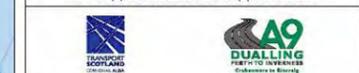
- Legend**
- Residential Properties
  - Non-Residential Properties
  - Utilities
  - Road affected by flooding
  - Highland Mainline affected by flooding
  - 001 Potential Flood Risk Receptor ID
  - 1 Major Watercourse Crossing
  - 1 Minor Watercourse Crossing
  - CFJV 200 Year Flood Extent (Existing Maximum Depth)
  - Area of Cultural Heritage (Sites)

**NOTE:**  
Residential properties, non-residential properties, utilities and cultural heritage sites are shown based on vulnerability to changes in flood risk in this location. Lengths of roads and the Highland Mainline (HML) railway predicted to be overtopped in the 200yr design event are highlighted.

SCALE 1:10000

REV	SUIT	DATE	DESCRIPTION	BY	APP
P02	S3	MAY 2018	DESIGN UPDATE	CP	EC
P01	S3	APR 2018	DRAFT FOR COMMENT	CP	EC

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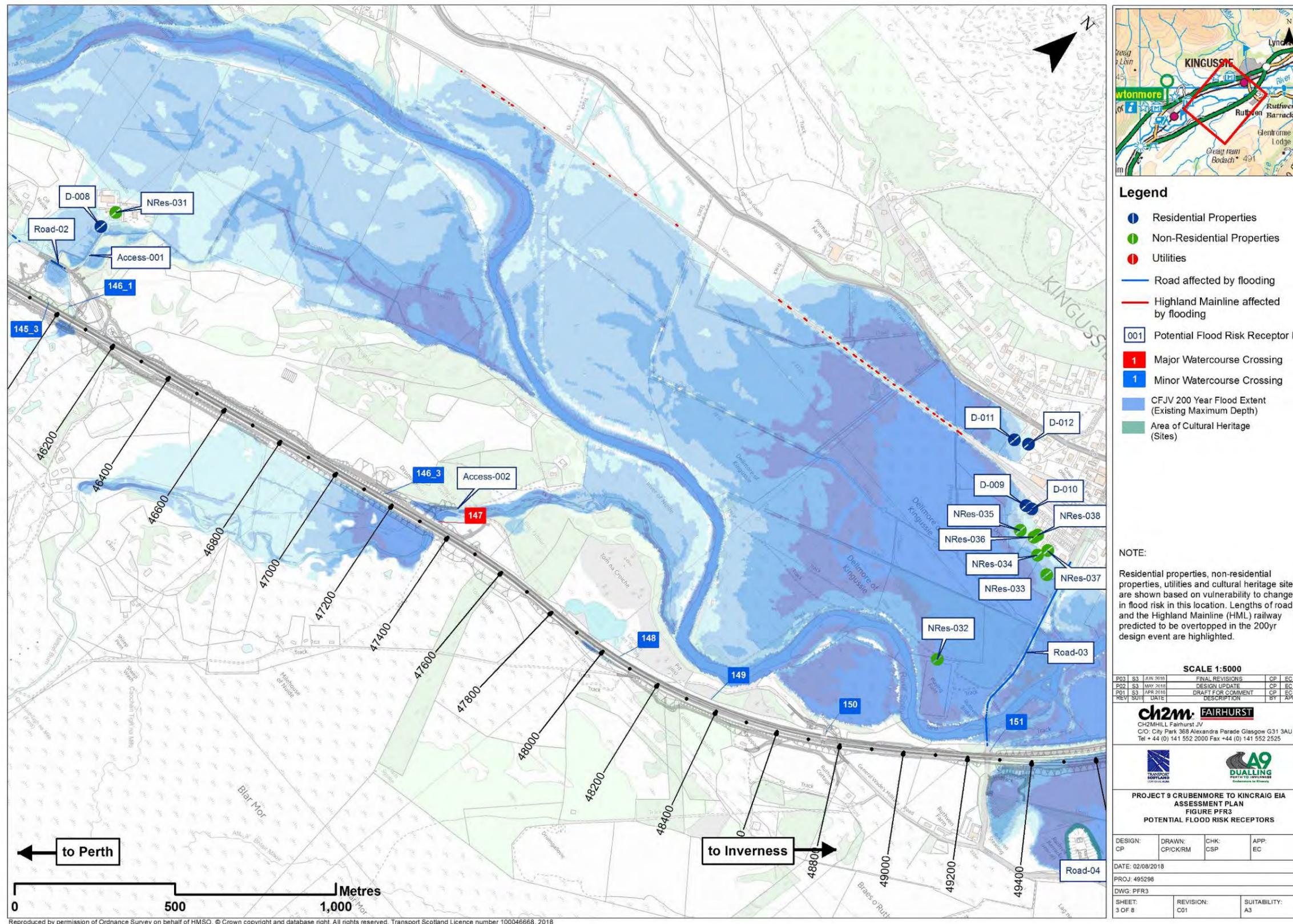


**PROJECT 9 CRUBENMORE TO KINCAIG EIA ASSESSMENT PLAN**  
**FIGURE PFR2**  
**POTENTIAL FLOOD RISK RECEPTORS**

DESIGN:	DRAWN:	CHK:	APP:
CP	CP/CKRM	CSP	EC
DATE: 02/08/2018			
PROJ: 495298			
DWG: PFR2			
SHEET:	REVISION:	SUITABILITY:	
2 OF 8	C01	A3	

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Figure PFR3



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Figure PFR4

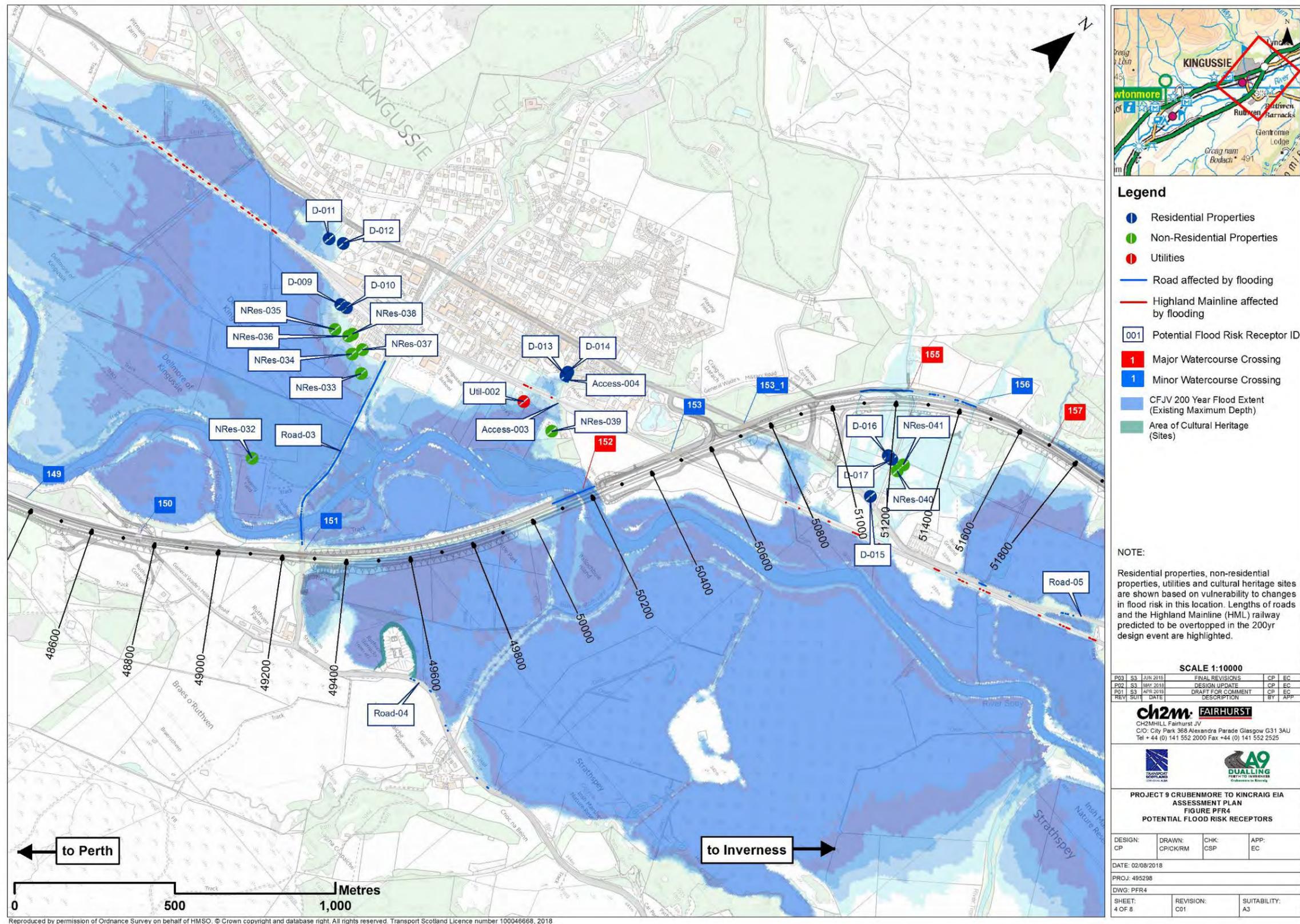


Figure PFR5

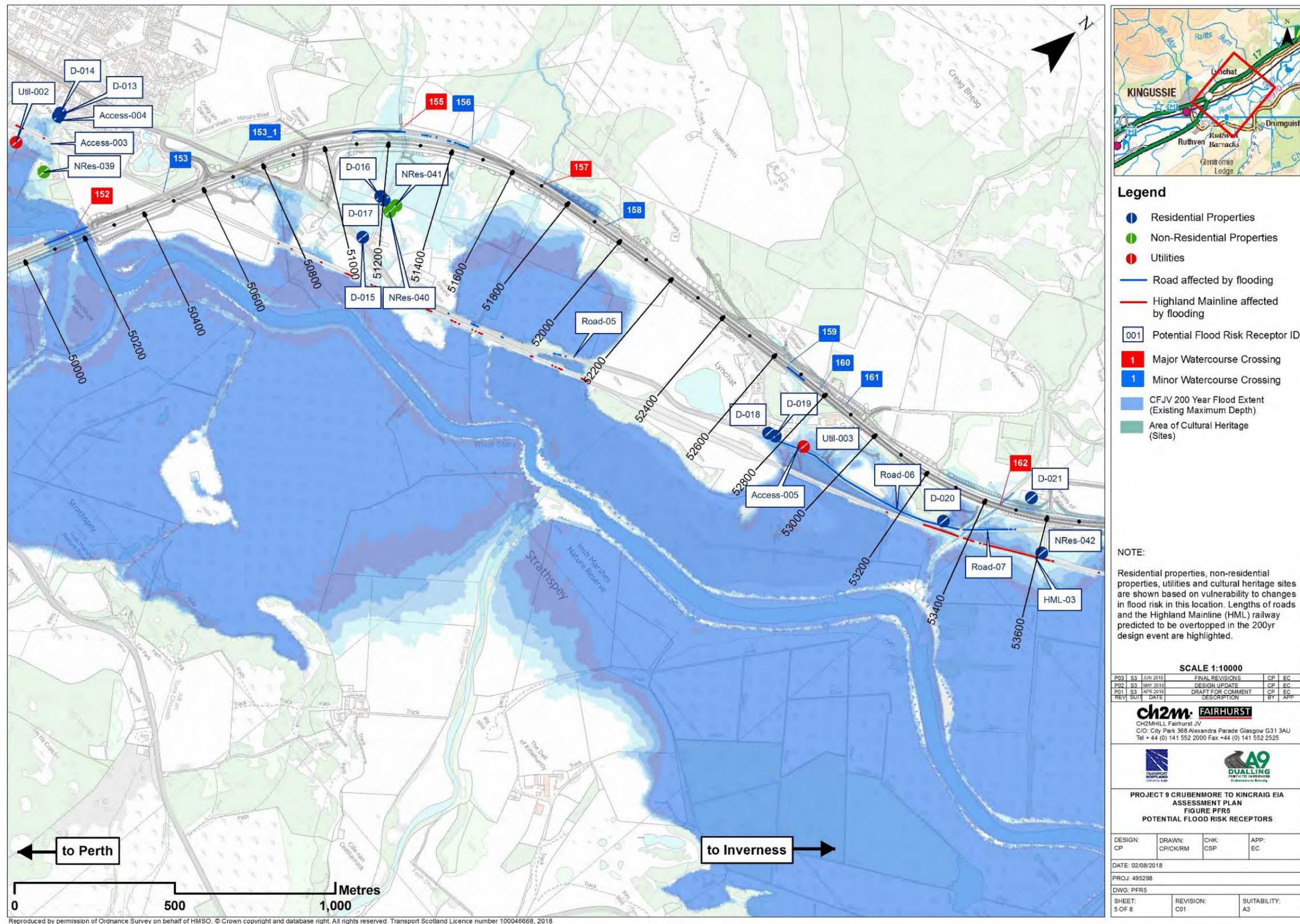


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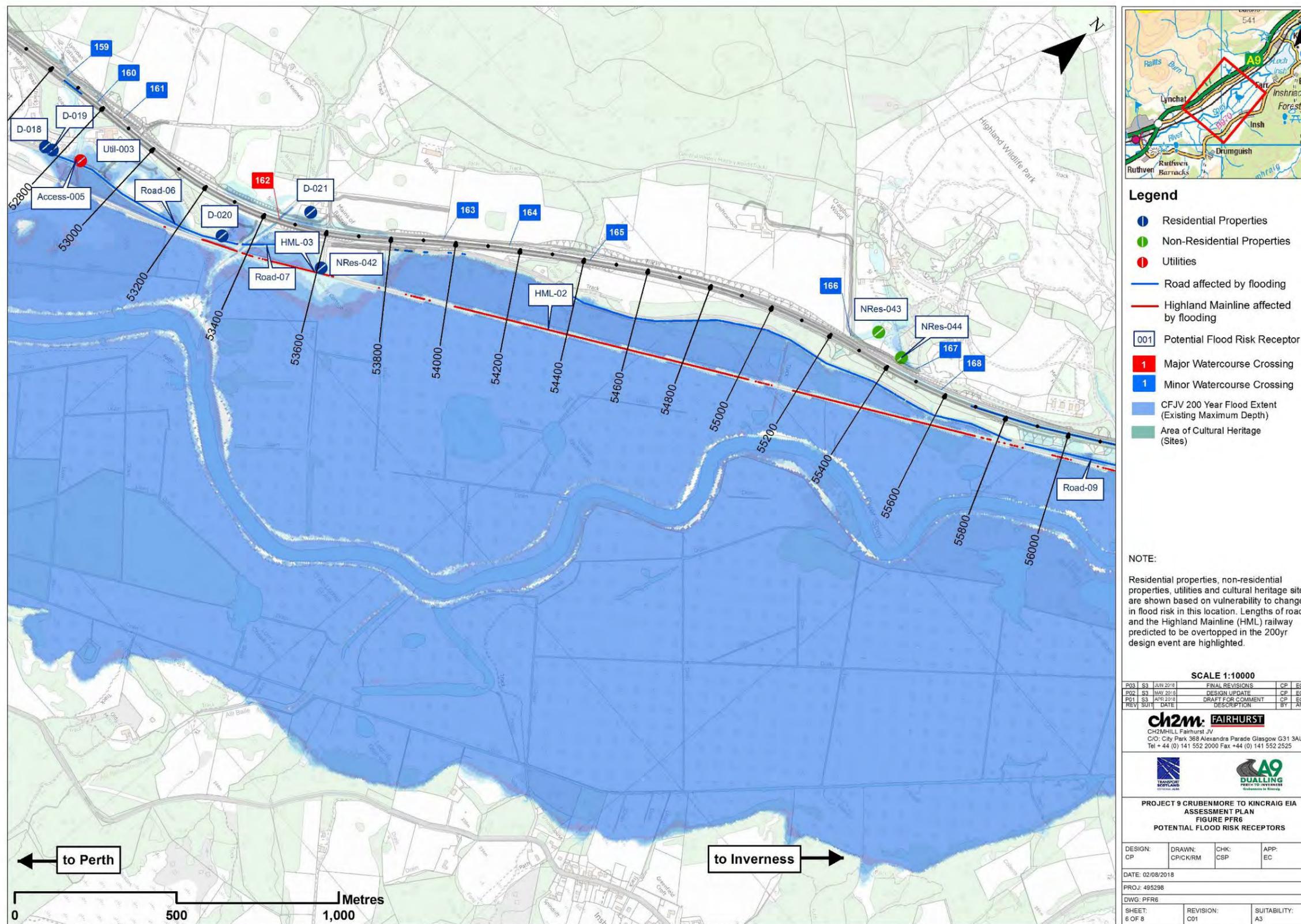


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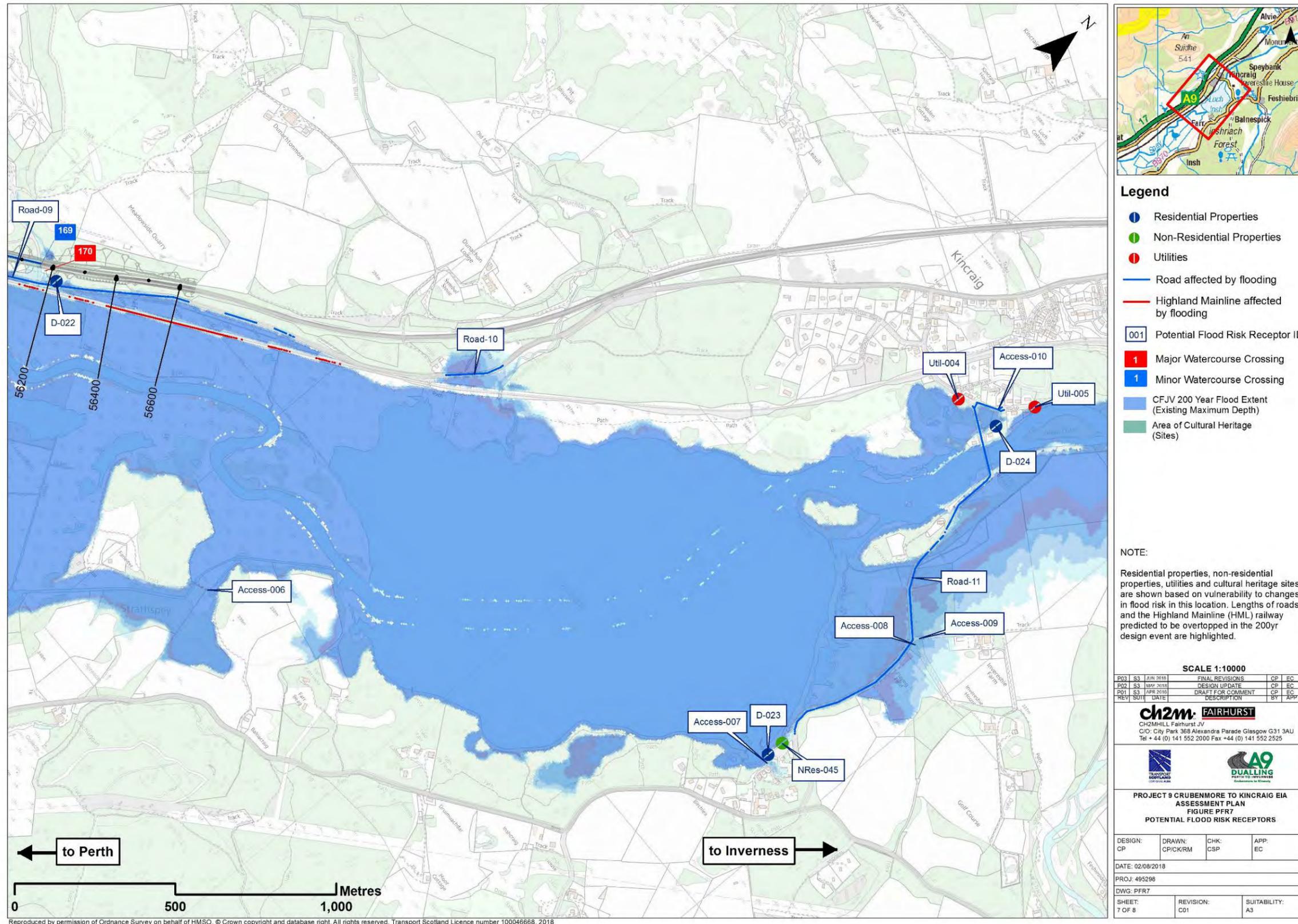
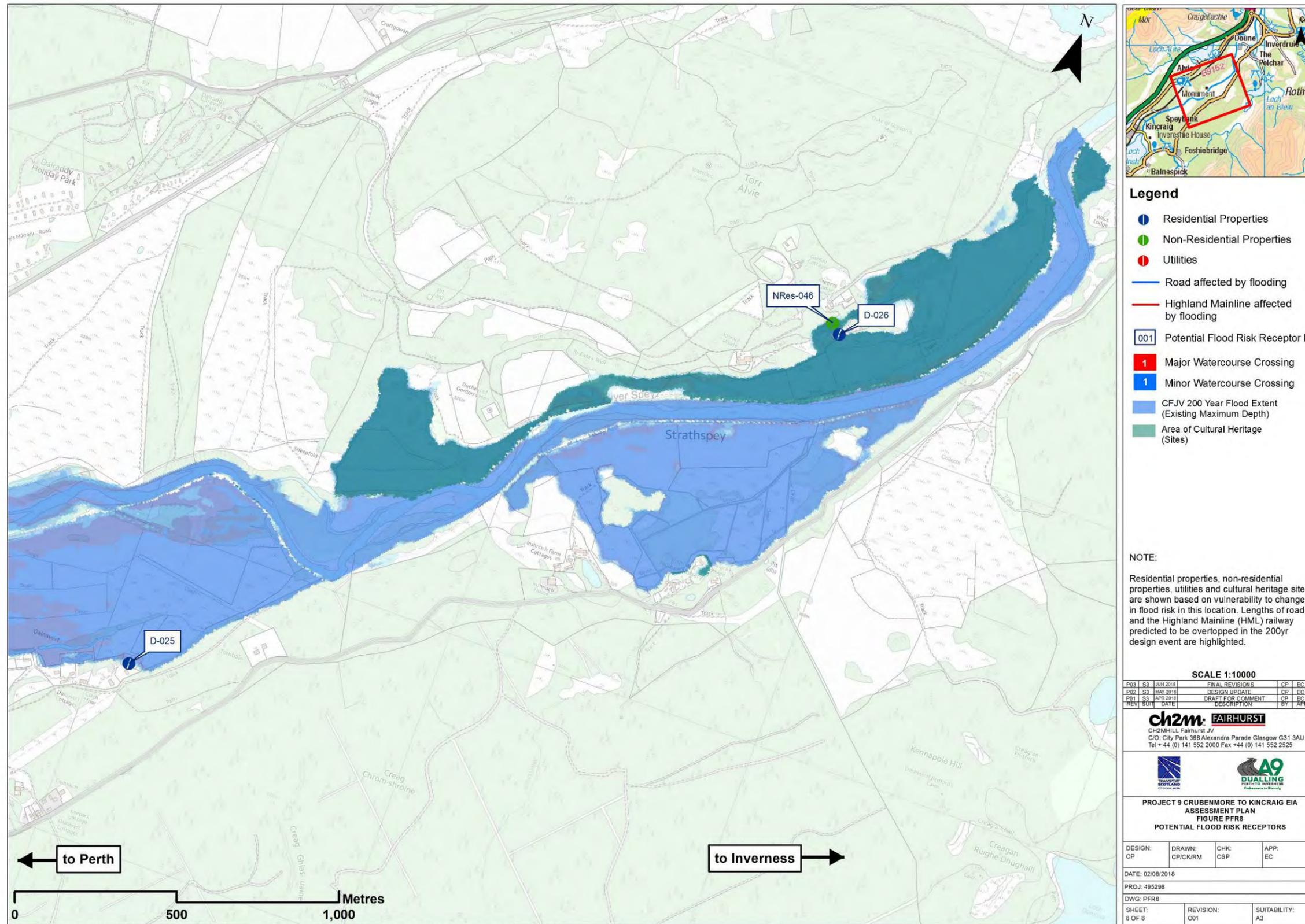


Figure PFR8



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Figure CSA2

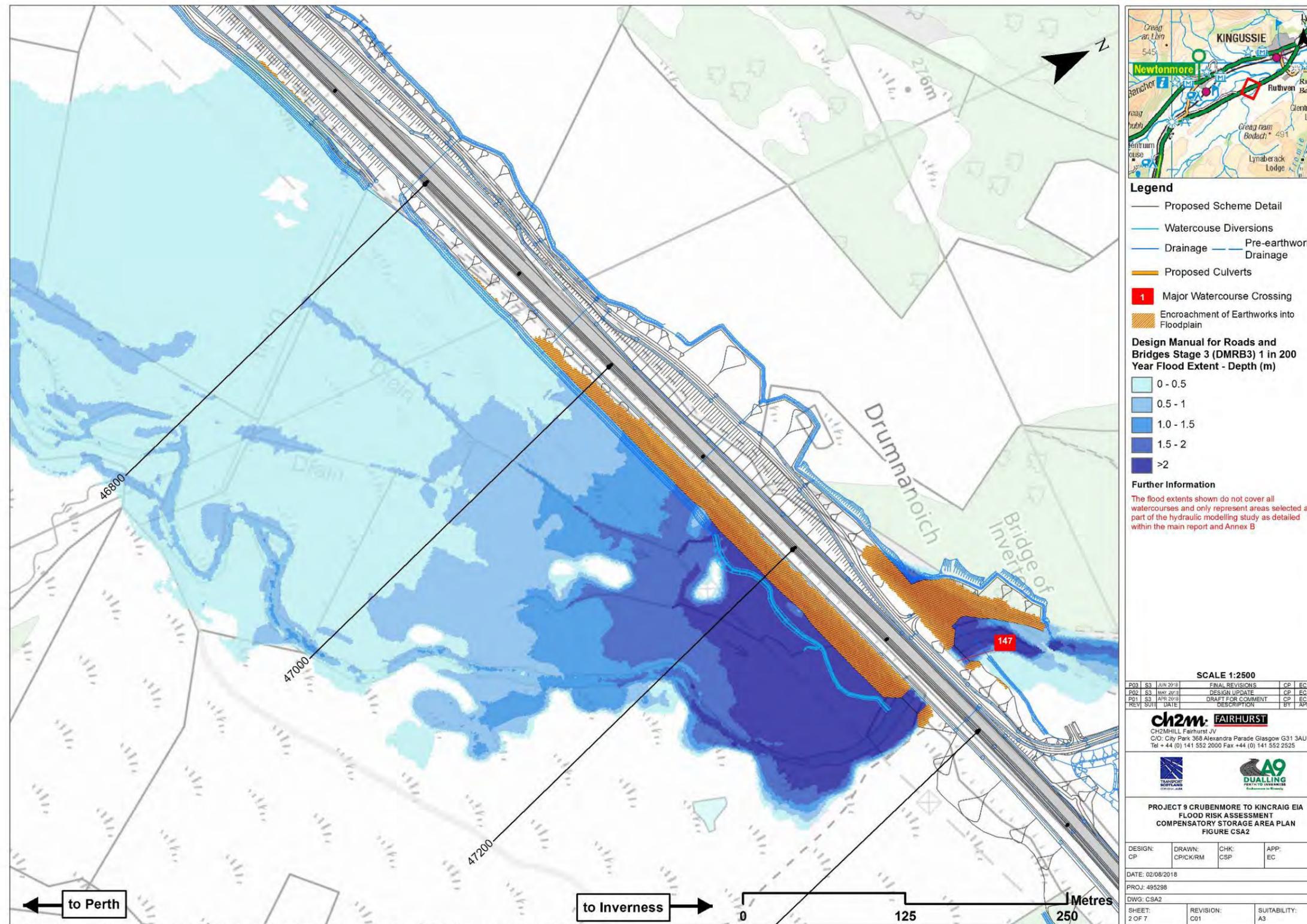


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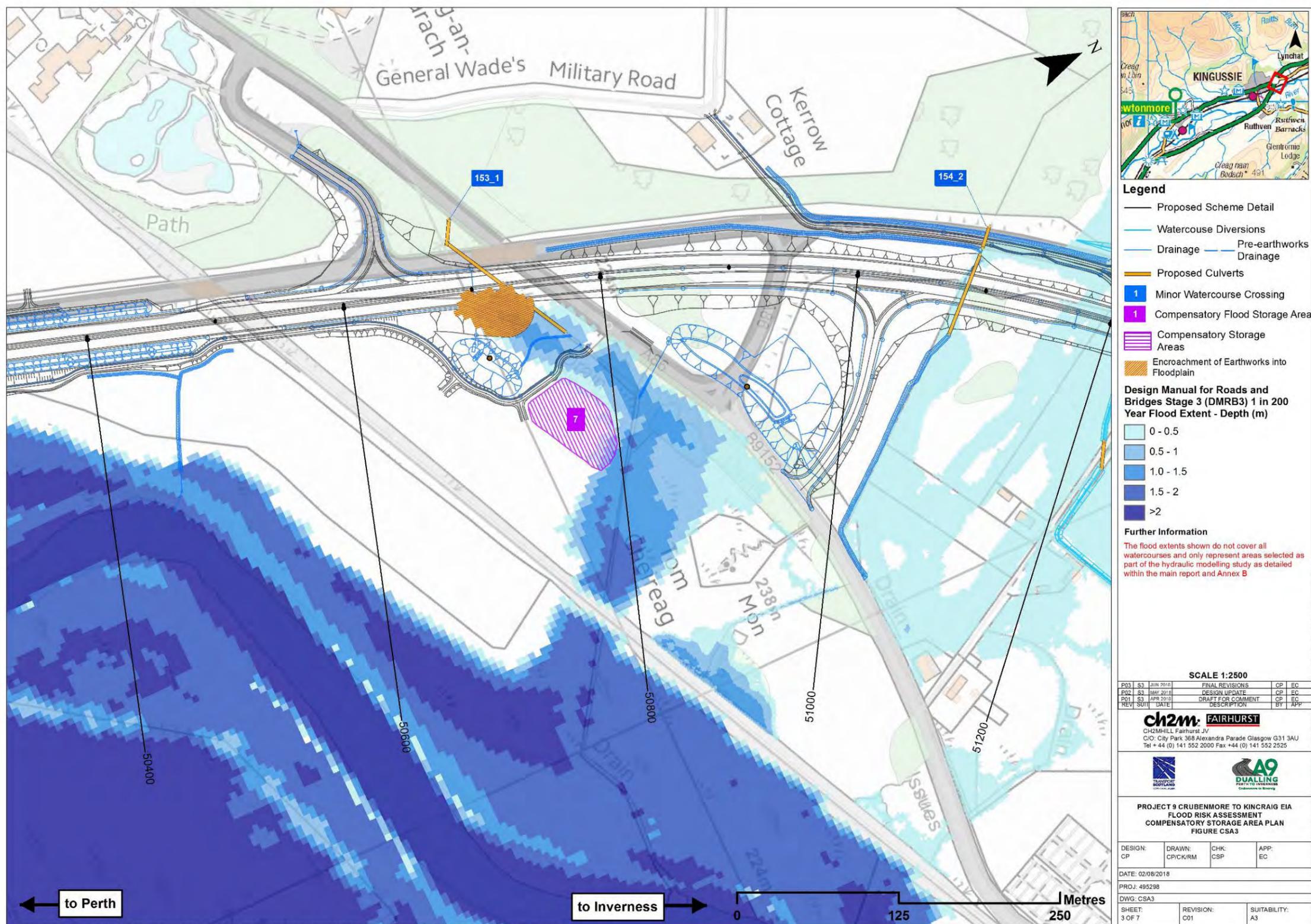


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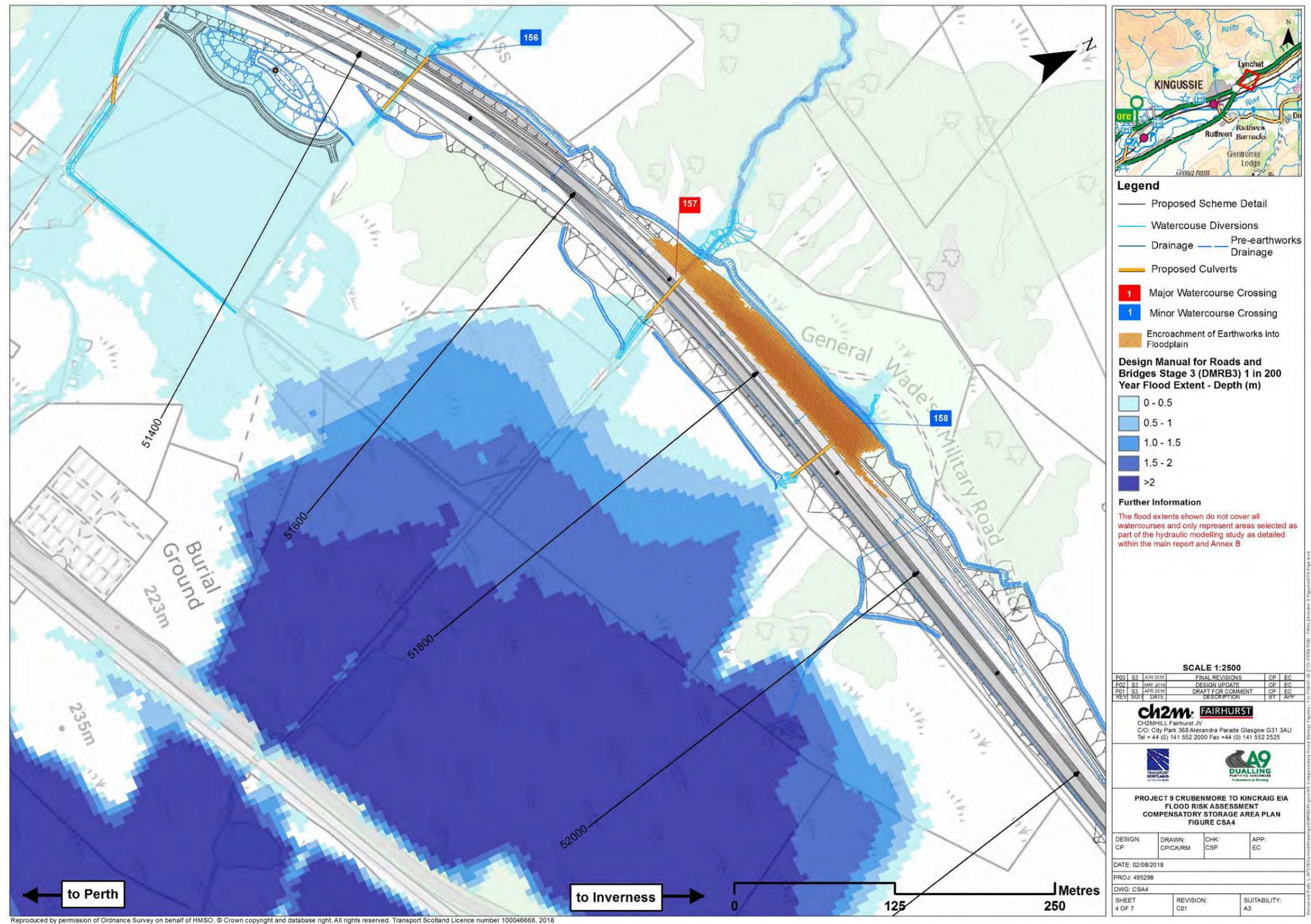


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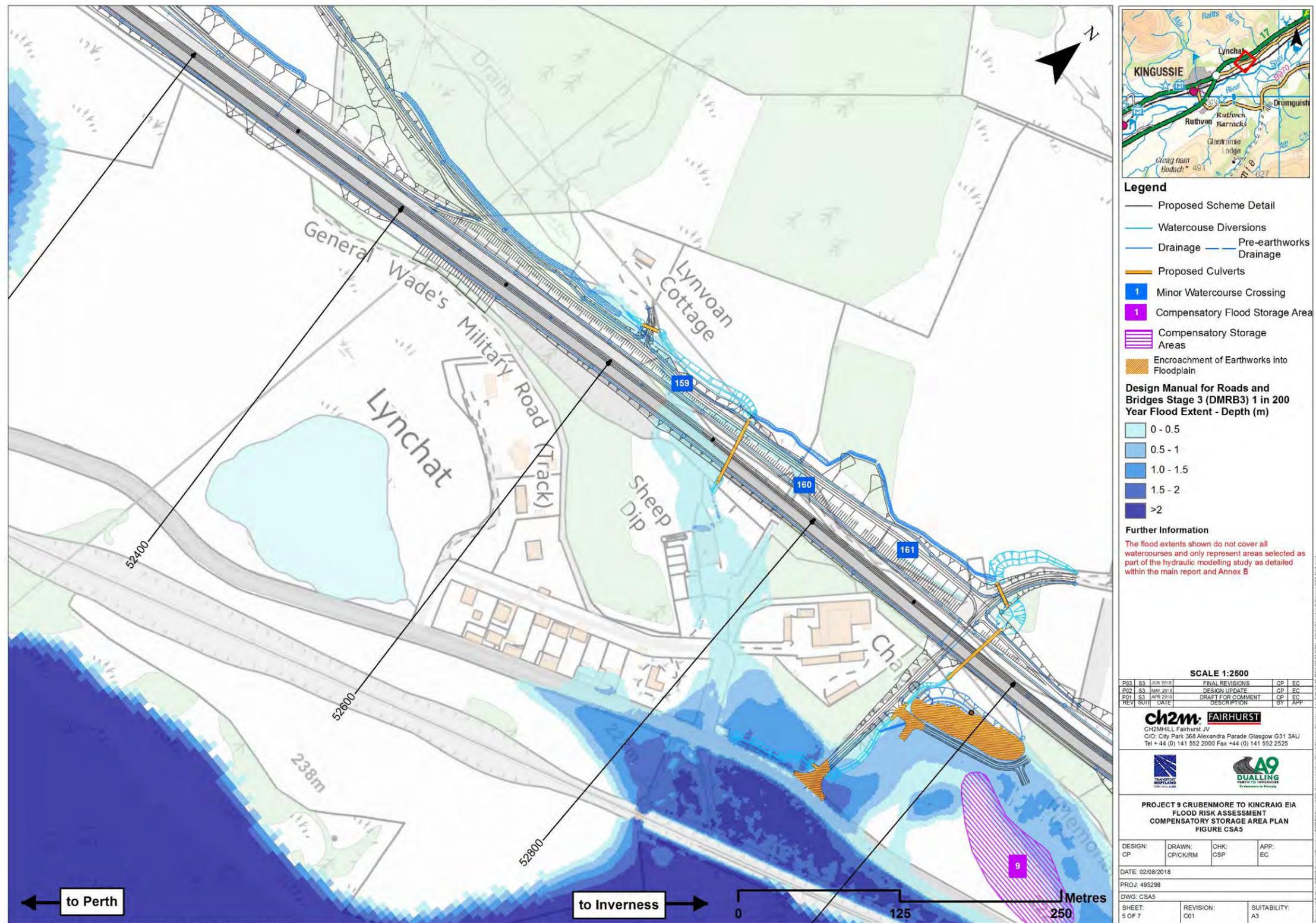


Figure CSA6



Figure CSA7

