

Legend:

- Existing A9 Perth to Inverness Trunk Road
- A9 Pass of Birnam to Tay Crossing Scheme Extents
- Cairngorms National Park Boundary

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	App'd
P01	31/01/22	DMRB STAGE 2 REPORT - FINAL	SA	AB	KS	AG
C01	18/02/22	DMRB STAGE 2 REPORT - FINAL	CM	-	-	-
P03	28/05/25	DMRB STAGE 3 REPORT - FINAL	CK	AB	DK	MP

Designer: **Jacobs.**

Client: **TRANSPORT SCOTLAND**

Project: **A9 DUALING PASS OF BIRNAM TO TAY CROSSING**

Drawing title: **DMRB STAGE 3 PASS OF BIRNAM TO TAY CROSSING LOCATION PLAN SHEET 1 OF 1**

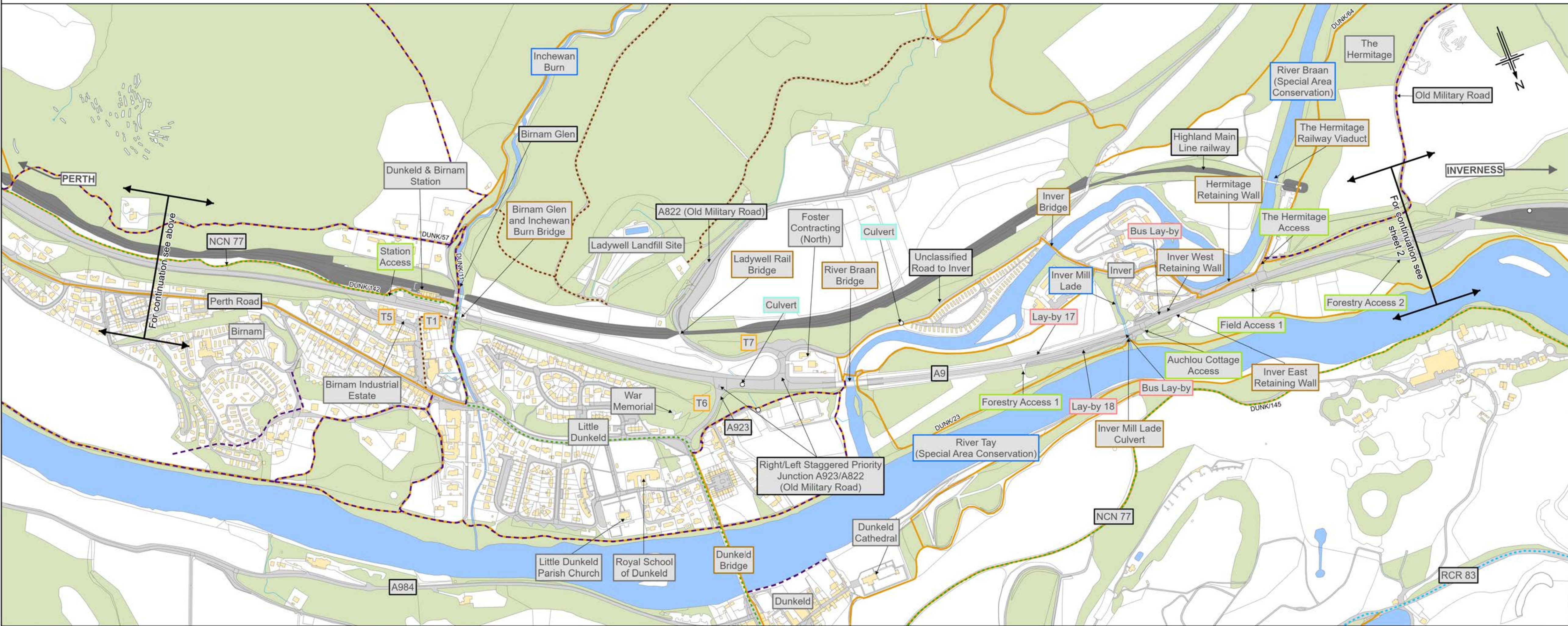
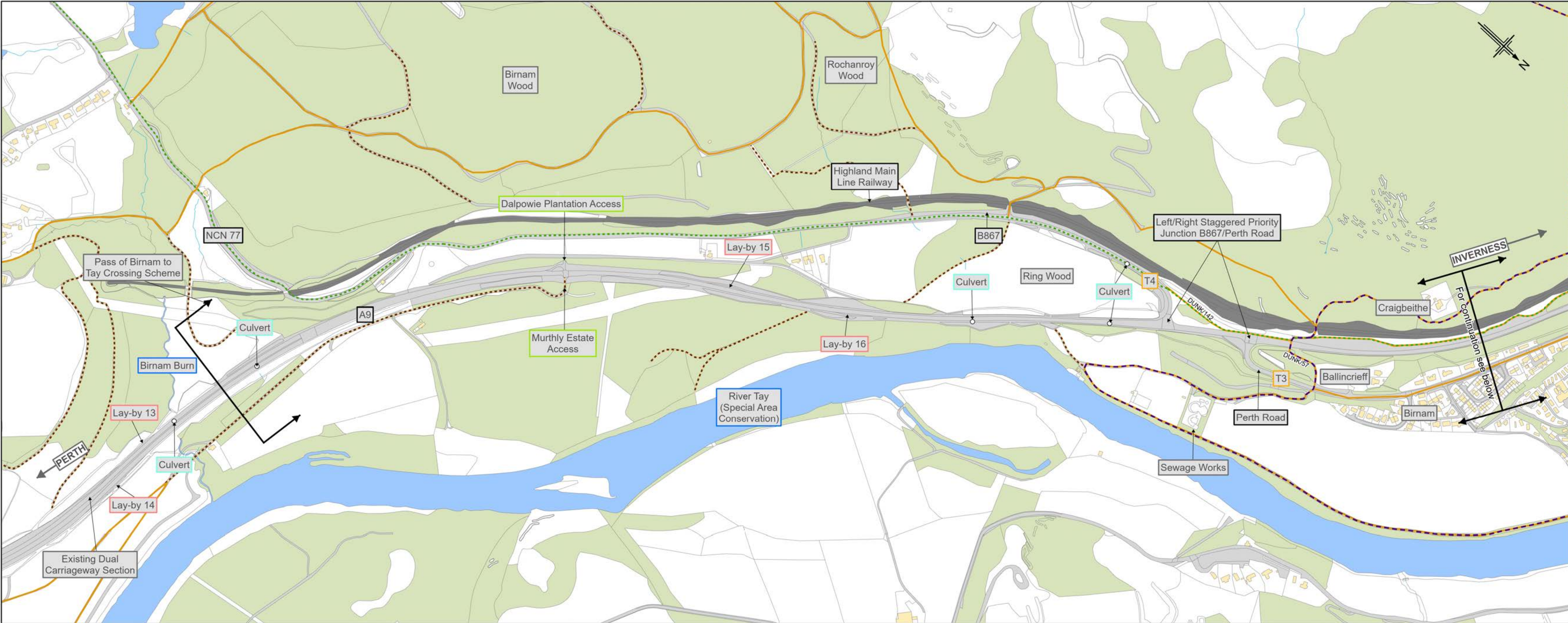
Drawing status: **S4 - ISSUED FOR STAGE APPROVAL**

State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P03
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number: **A9P02 - JAC - GEN - X ZZZZZ XX -FG-RD-0001**

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A9P02-JAC-GEN-X_ZZZZZ_ZZ-FG-RD-0001

Legend

Watercourse

Culvert

Lay-by

Access

Structure

Transport Link

Traffic count data

Other feature

Rights of Way

National Cycle Network (NCN) Route

Regional Cycle Route (RCR)

Core Path

Local Path

Culvert

C01	07/03/2022	Approved		HCH	AJB	KS	AJG
P03	23/05/2025	DMRB STAGE 3 REPORT - FINAL		MM	DE	AB	MP
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd	

Jacobs

95 Bothwell Street, Glasgow, G2 7HX, UK.
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www.jacobs.com

Client

Project

Drawing title

DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
EXISTING CONDITIONS
SHEET 1 OF 2

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:5,000 @ A1 / 1:10,000 @ A3	DO NOT SCALE	
Jacobs No.	B2140002		
BIM No.			
Drawing number	A9P02-JAC-GEN-X_ZZZZZ_ZZ-FG-RD-0001	Rev	P03

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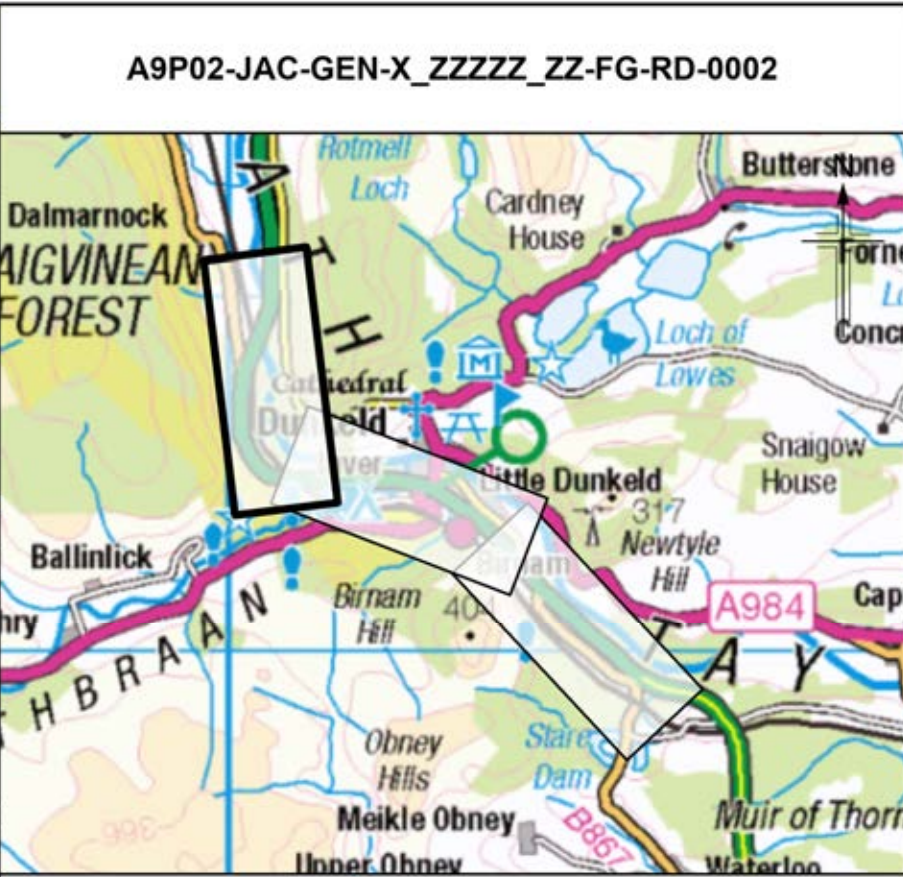
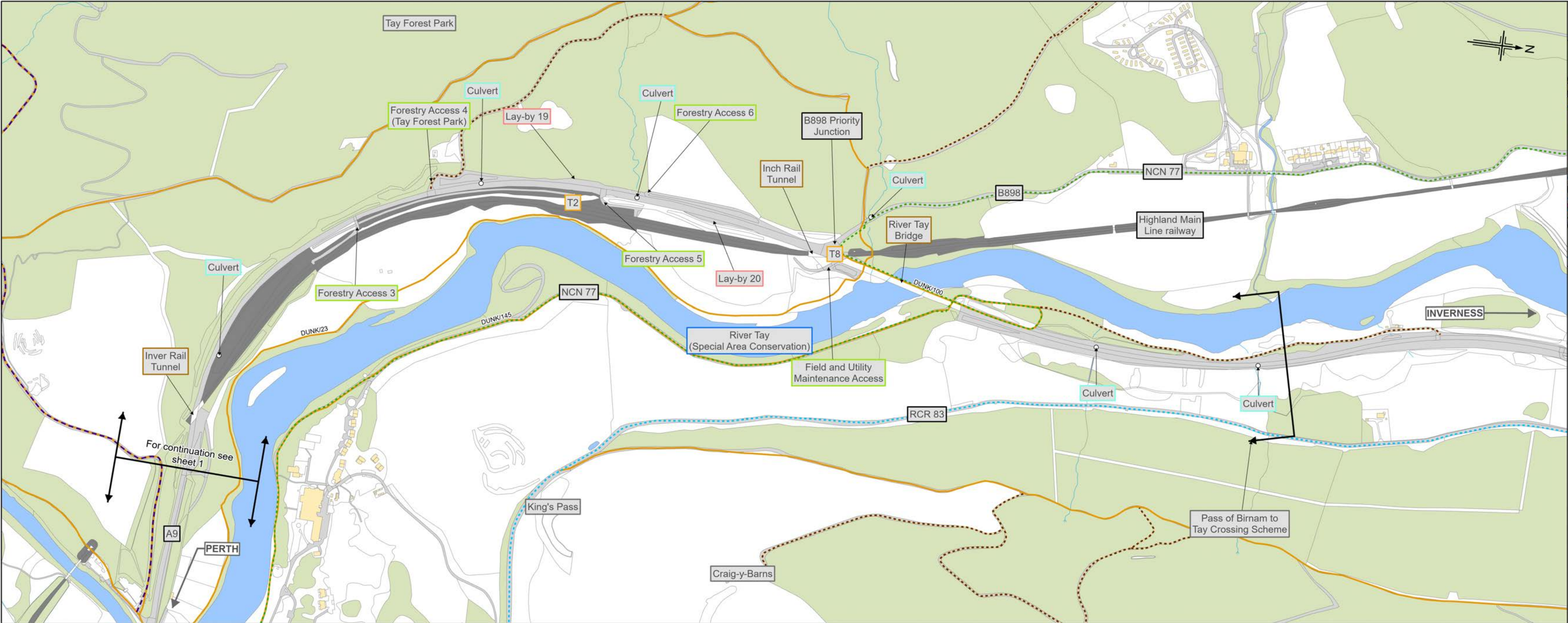
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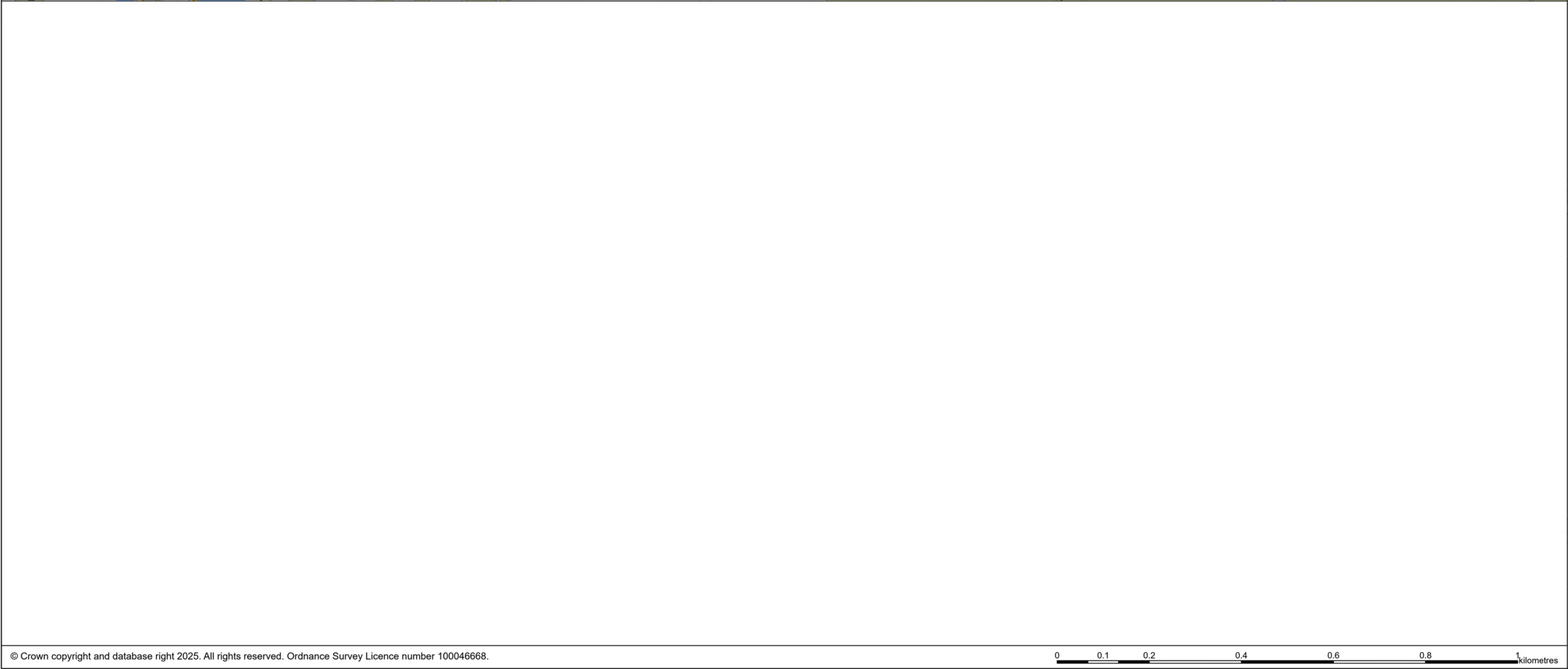
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kilometres



Legend

- Watercourse
- Culvert
- Lay-by
- Access
- Structure
- Transport Link
- Traffic count data
- Other feature
- Rights of Way
- National Cycle Network (NCN) Route
- Regional Cycle Route (RCR)
- Core Path
- Local Path
- Culvert



C01	07/03/2022	Approved	HCH	AJB	KS	AJG
P03	23/05/2025	DMRB STAGE 3 REPORT - FINAL	MM	DE	AB	MP
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

Jacobs
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Client

Project

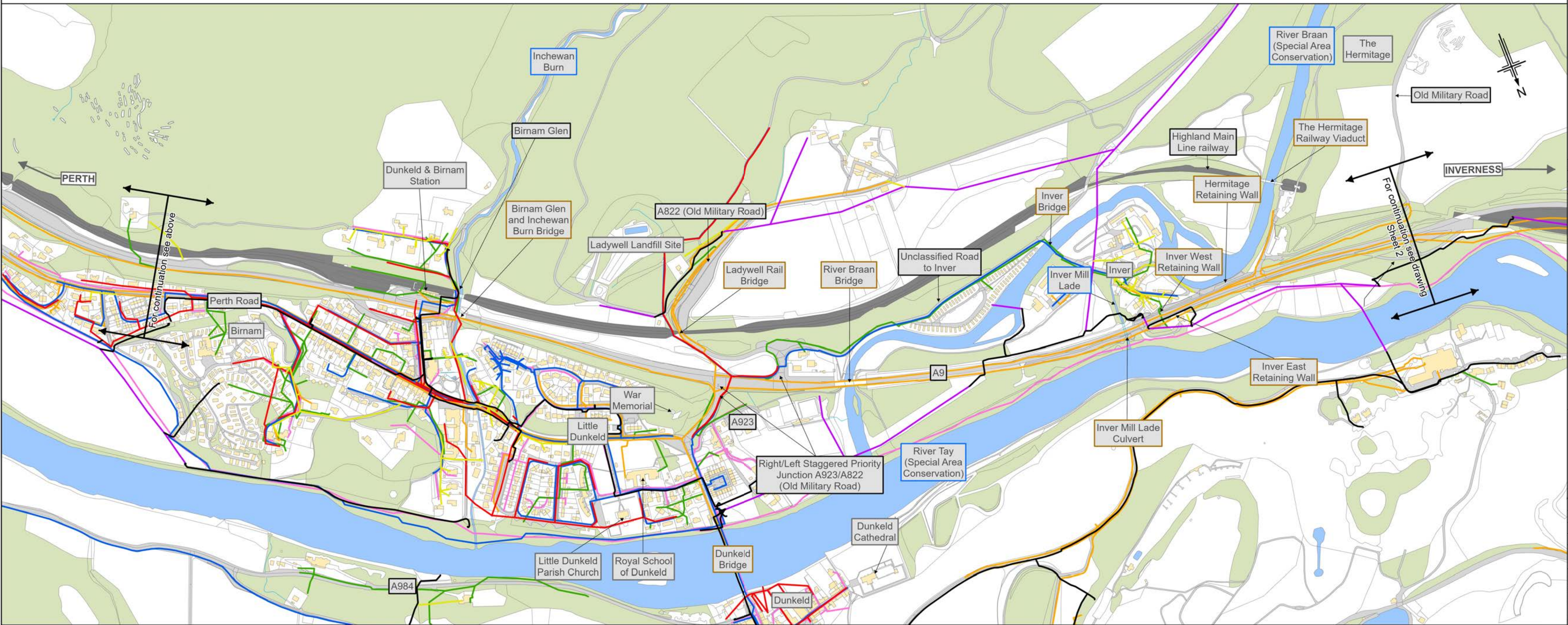
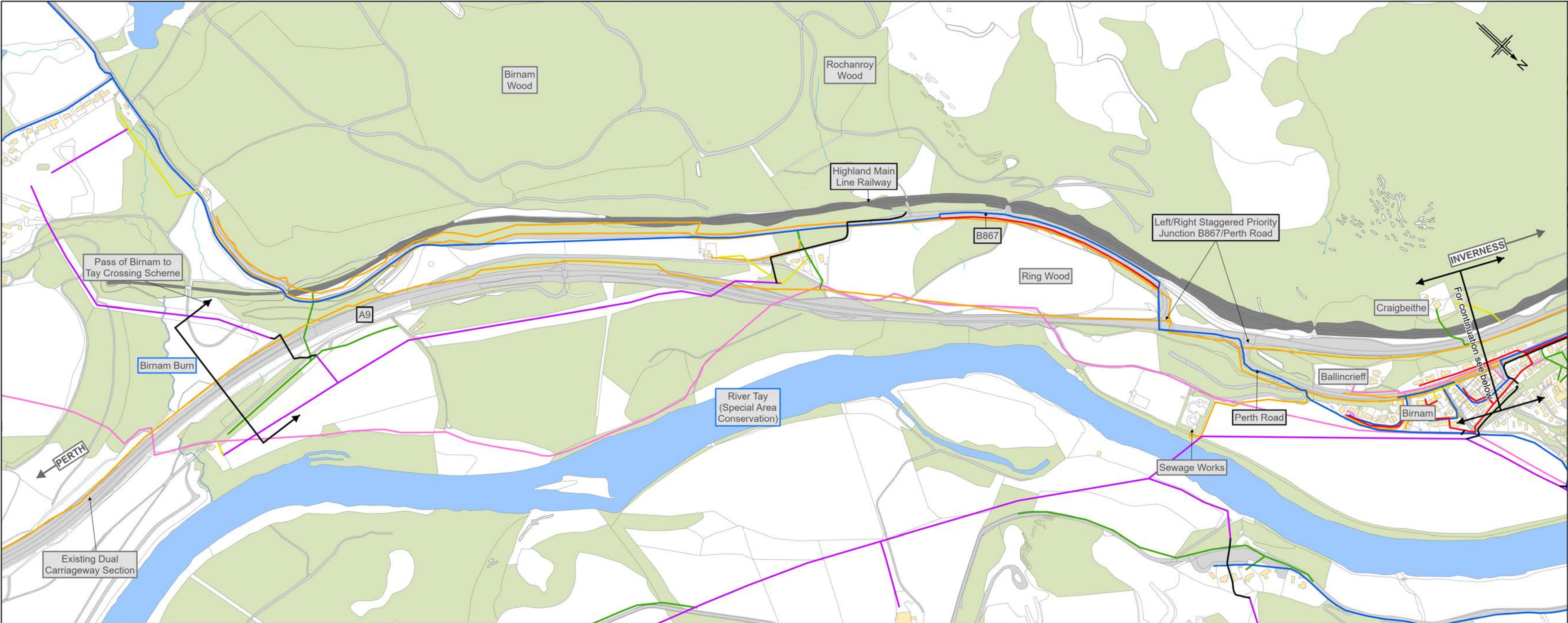
A9
DUALING
PASS OF BIRNAM
TO TAY CROSSING

Drawing title

**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
EXISTING CONDITIONS
SHEET 2 OF 2**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:5,000 @ A1 / 1:10,000 @ A3	DO NOT SCALE	
Jacobs No.	B2140002		
BIM No.			
Drawing number	A9P02-JAC-GEN-X_ZZZZZ_ZZ-FG-RD-0002	Rev	P03

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A9P02-JAC-VUT-X_ZZZZZ_ZZ-FG-RD-0001

Legend

Watercourse

Structure

Transport Link

Other feature

BT Overhead Cable

BT Underground Cable

Scottish Water Main

Scottish Water Combined Sewer

SSEN Overhead High Voltage Cable

SSEN Overhead Low Voltage Cable

SSEN Underground High Voltage Cable

Gas Lines

Telecoms Mast

Notes:

1. The locations of private and publicly owned service and supply apparatus identified as existing as shown on this drawing are purely indicative and for information only, and no guarantee is given to the completeness or accuracy of this information.

2. Prior to carrying out work in any part of the site, the Contractor shall be responsible for locating all existing service and supply apparatus, and agreeing the details of any required diversion and protection measures with the relevant Company or Landowner.

C01

07/03/2022

Approved

HCH

AJB

KS

AJG

P03

23/05/2025

DMRB STAGE 3 REPORT - FINAL

MM

DE

AB

MP

Rev.

Rev. Date

Purpose of revision

Orig/Dwn

Checkd

Rev'd

Apprv'd

Jacobs

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Client

Project

Drawing title

DMRB STAGE 3

PASS OF BIRNAM TO TAY CROSSING

EXISTING UTILITIES

SHEET 1 OF 2

Drawing Status

S4 - ISSUED FOR STAGE APPROVAL

Scale

1:5,000 @ A1 / 1:10,000 @ A3

DO NOT SCALE

Jacobs No.

B2140002

BIM No.

Drawing number

A9P02-JAC-VUT-X_ZZZZZ_ZZ-FG-RD-0001

Rev

P03

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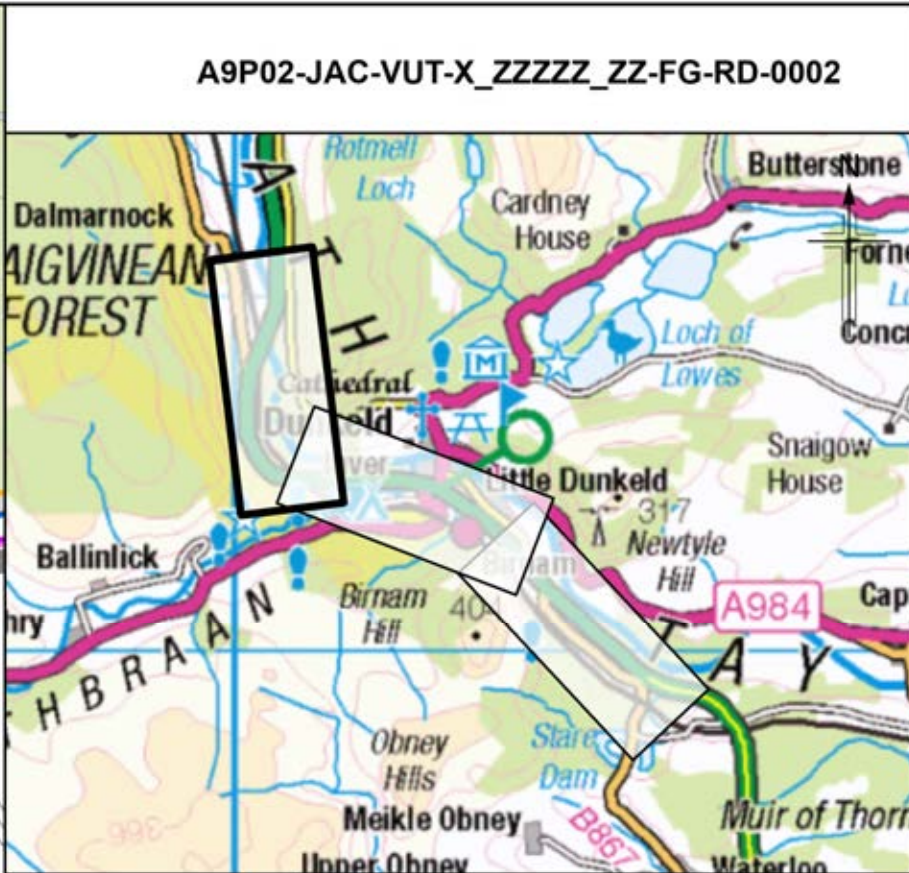
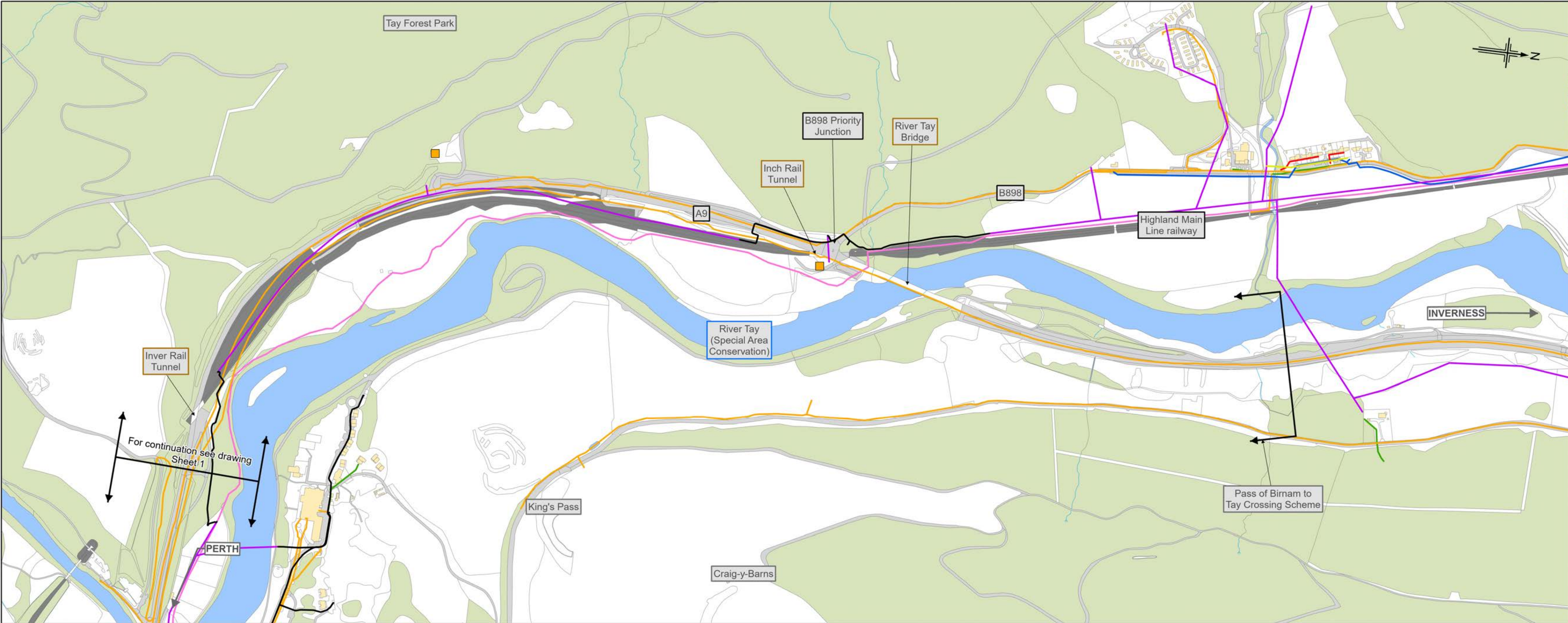
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kilometres



Legend

- Watercourse
- Structure
- Transport Link
- Other feature
- BT Overhead Cable
- BT Underground Cable
- Scottish Water Main
- Scottish Water Combined Sewer
- SSEN Overhead High Voltage Cable
- SSEN Overhead Low Voltage Cable
- SSEN Underground High Voltage Cable
- Gas Lines
- Telecoms Mast

Notes:

1. The locations of private and publicly owned service and supply apparatus identified as existing as shown on this drawing are purely indicative and for information only, and no guarantee is given to the completeness or accuracy of this information.

2. Prior to carrying out work in any part of the site, the Contractor shall be responsible for locating all existing service and supply apparatus, and agreeing the details of any required diversion and protection measures with the relevant Company or Landowner.

C01	07/03/2022	Approved	HCH	AJB	KS	AJG
P03	23/05/2025	DMRB STAGE 3 REPORT - FINAL	MM	DE	AB	MP
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

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Client

TRANSPORT SCOTLAND
CÒMHDHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

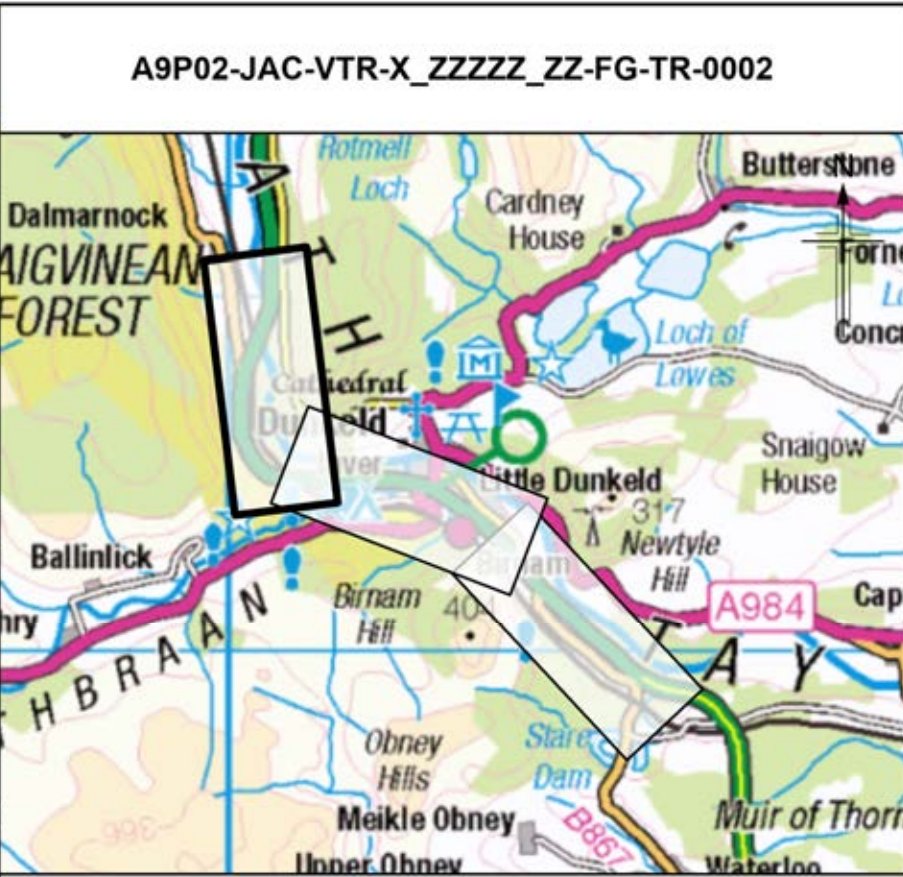
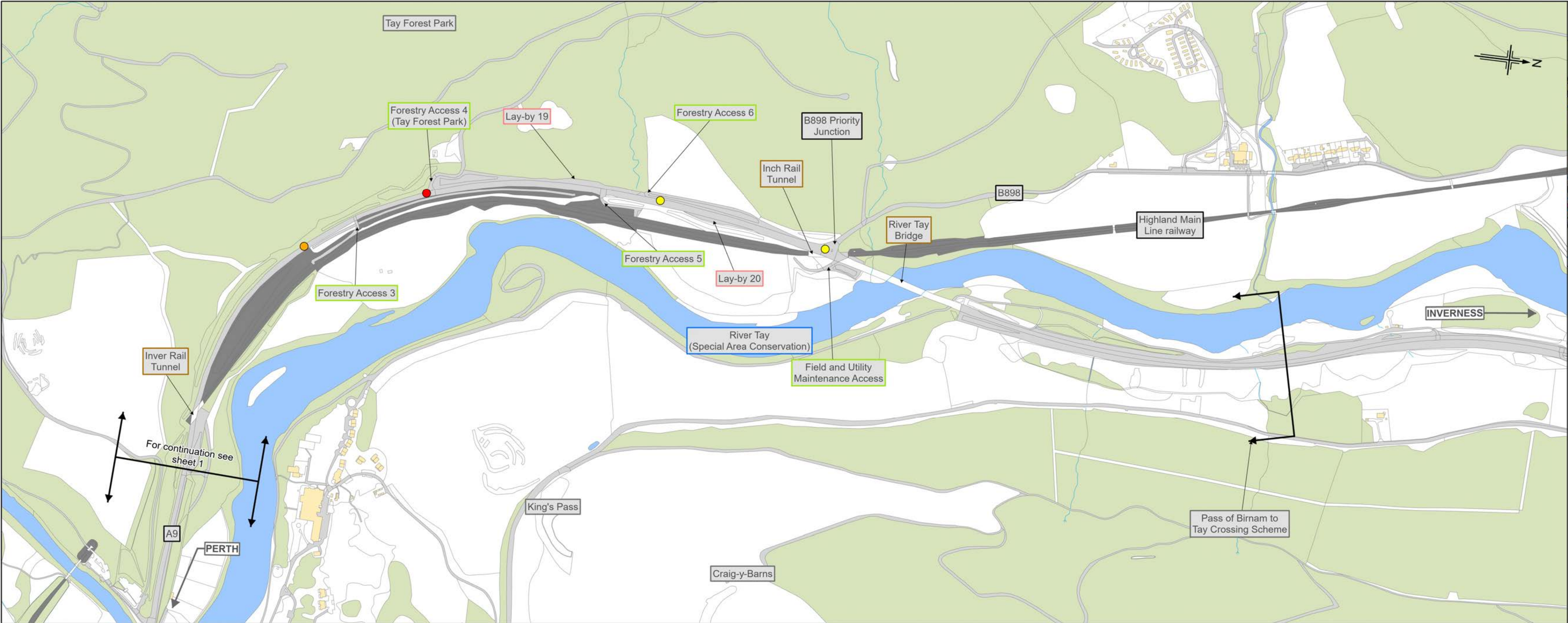
Drawing title

**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
EXISTING UTILITIES
SHEET 2 OF 2**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:5,000 @ A1 / 1:10,000 @ A3	DO NOT SCALE	
Jacobs No.	B2140002		
BIM No.			
Drawing number	A9P02-JAC-VUT-X_ZZZZZ_ZZ-FG-RD-0002		Rev P03

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- Legend**
- Watercourse
 - Lay-by
 - Access
 - Structure
 - Transport Link
 - Other feature
 - Fatal accident
 - Serious accident
 - Slight accident

C01	07/03/2022	Approved		HCH	AJB	KS	AJG
P03	23/05/2025	DMRB STAGE 3 REPORT - FINAL		MM	DE	AB	MP

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
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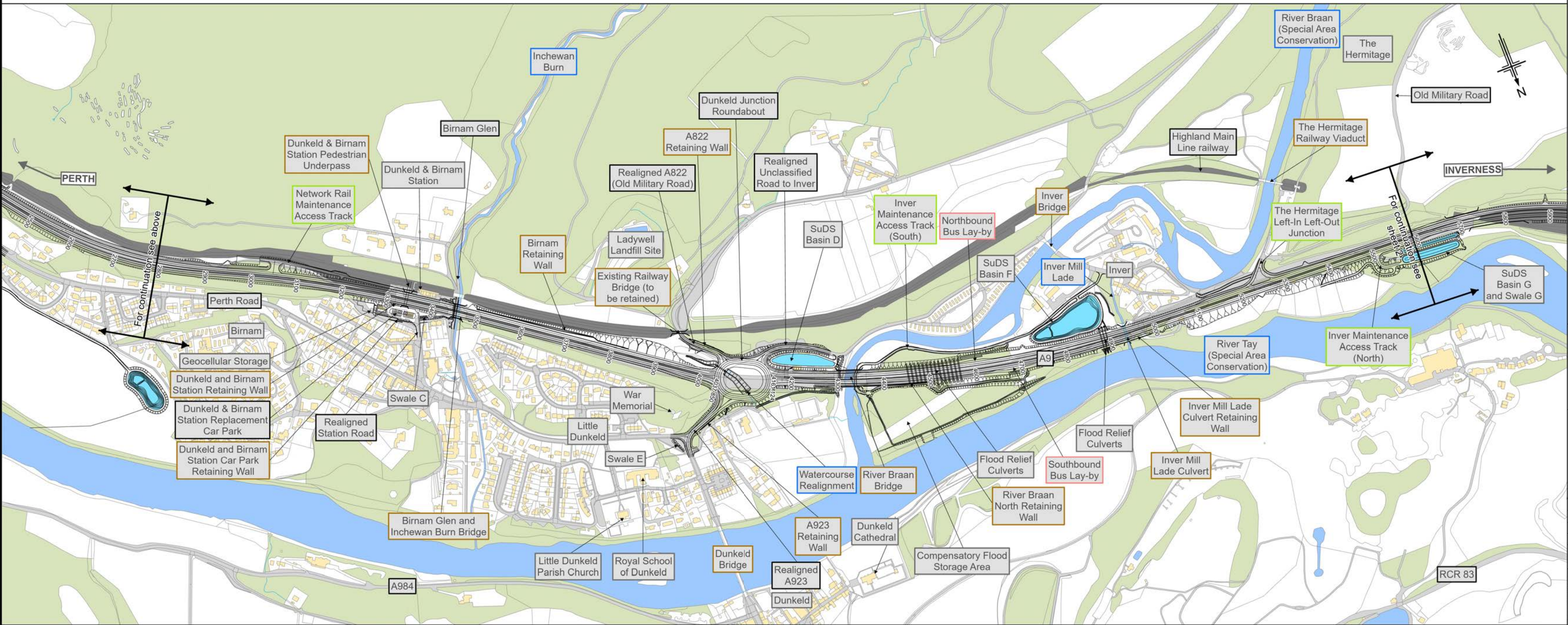
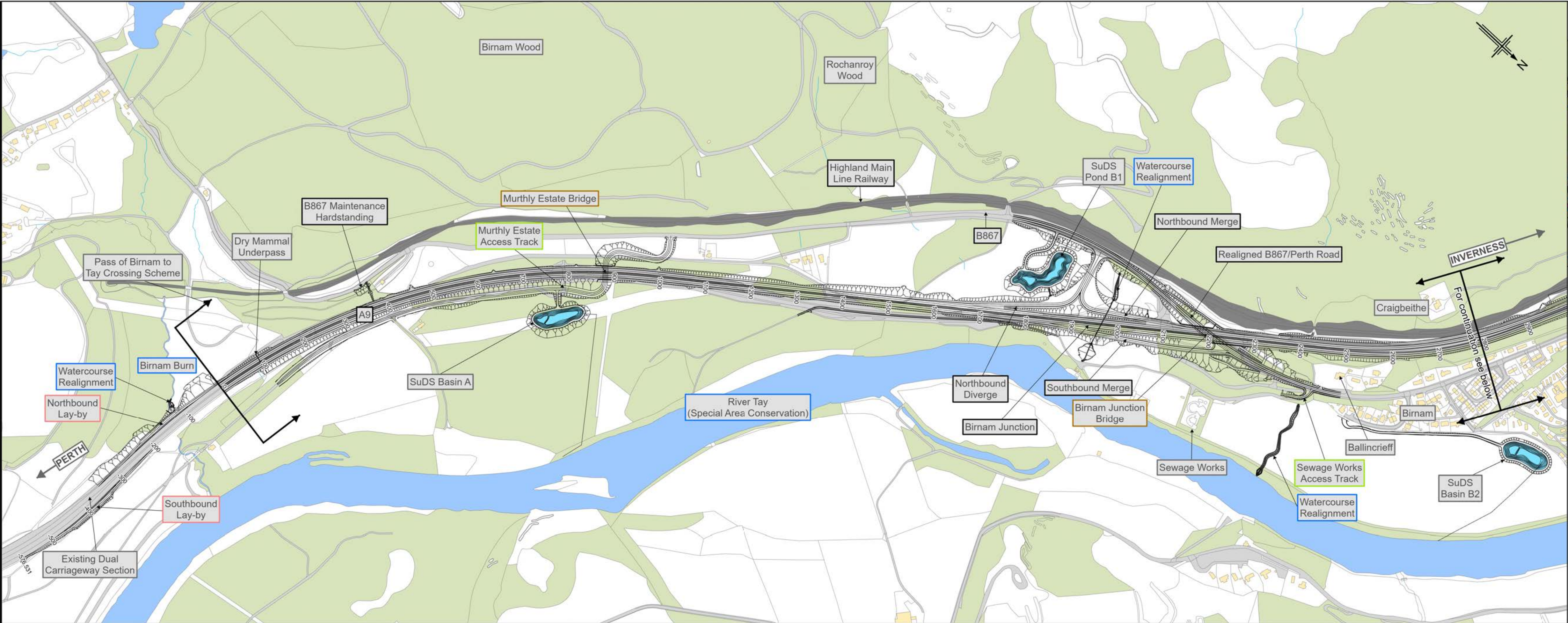
Drawing title

**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PERSONAL INJURY ACCIDENTS
JAN 2019 - NOV 2024
SHEET 2 OF 2**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:5,000 @ A1 / 1:10,000 @ A3		DO NOT SCALE
Jacobs No.	B2140002		
BIM No.			
Drawing number	A9P02-JAC-VTR-X_ZZZZZ_ZZ-FG-TR-0002		Rev P03

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A9P02-JAC-HGN-D_ZZZZZ_ZZ-FG-RD-0003

Legend

- Watercourse
- Lay-by
- Access
- Structure
- Transport Link
- Other feature
- Proposed scheme
- Cutting
- Embankment
- Structure

P02	23/05/2025	DMRB STAGE 3 REPORT - FINAL	MM	DE	AB	MP
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

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Client
Transport Scotland
COIMHAIL ALBA

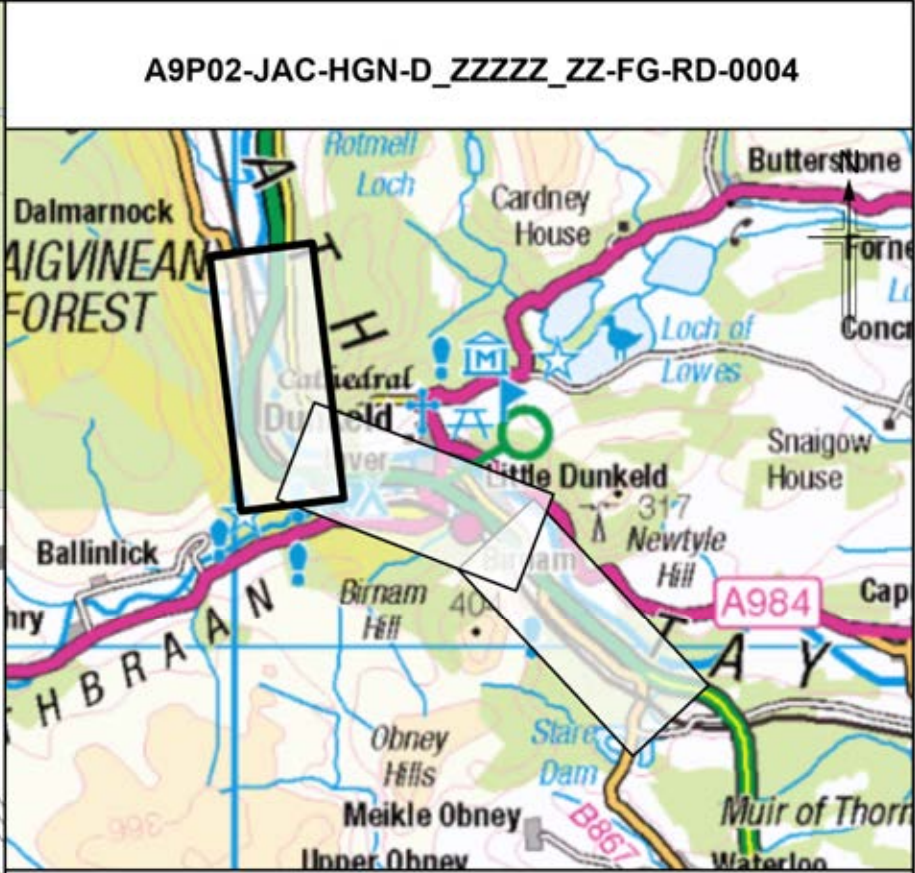
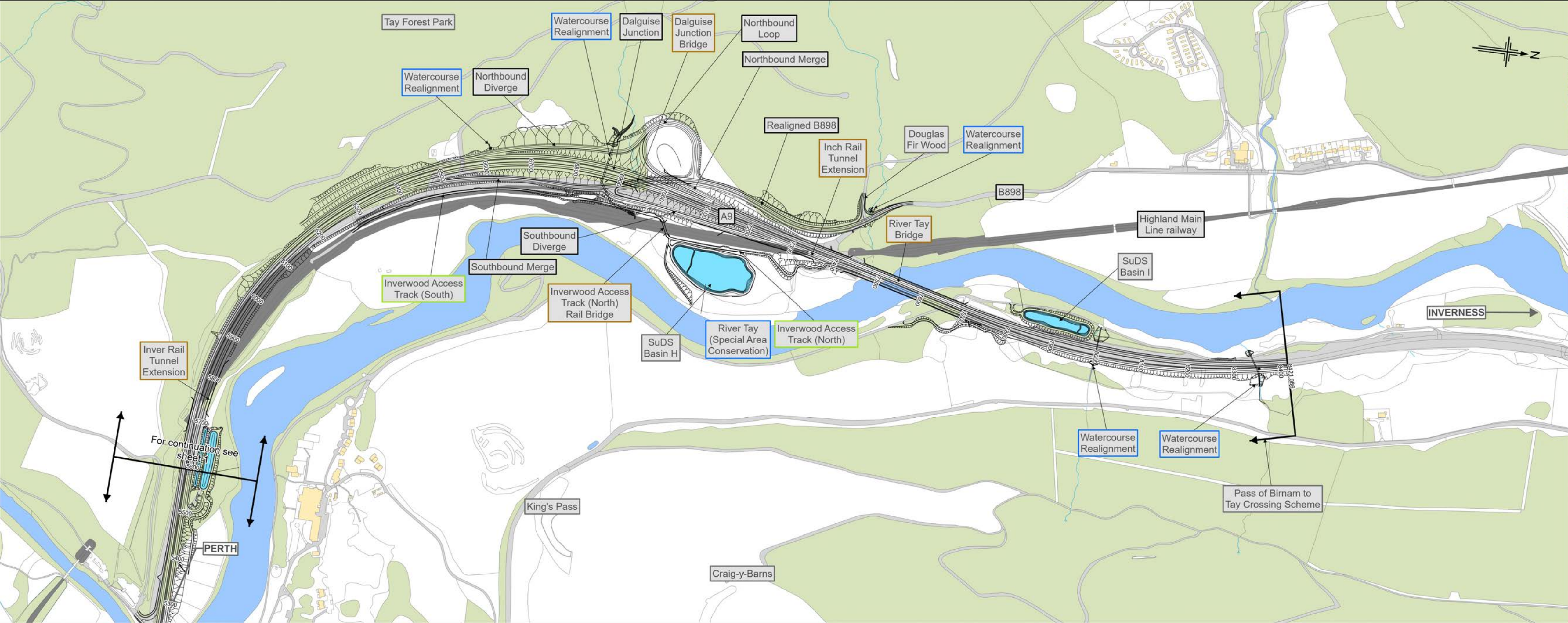
Project
A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PROPOSED SCHEME
SHEET 1 OF 2**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:5,000 @ A1 / 1:10,000 @ A3	DO NOT SCALE	
Jacobs No.	B2140002		
BIM No.			
Drawing number	A9P02-JAC-HGN-D_ZZZZZ_ZZ-FG-RD-0003	Rev	P02

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Legend

- Watercourse
- Lay-by
- Access
- Structure
- Transport Link
- Other feature
- Proposed scheme
- Cutting
- Embankment
- Structure

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd
P02	23/05/2025	DMRB STAGE 3 REPORT - FINAL	MM	DE	AB	MP

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Client

TRANSPORT SCOTLAND
CÒRHDHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

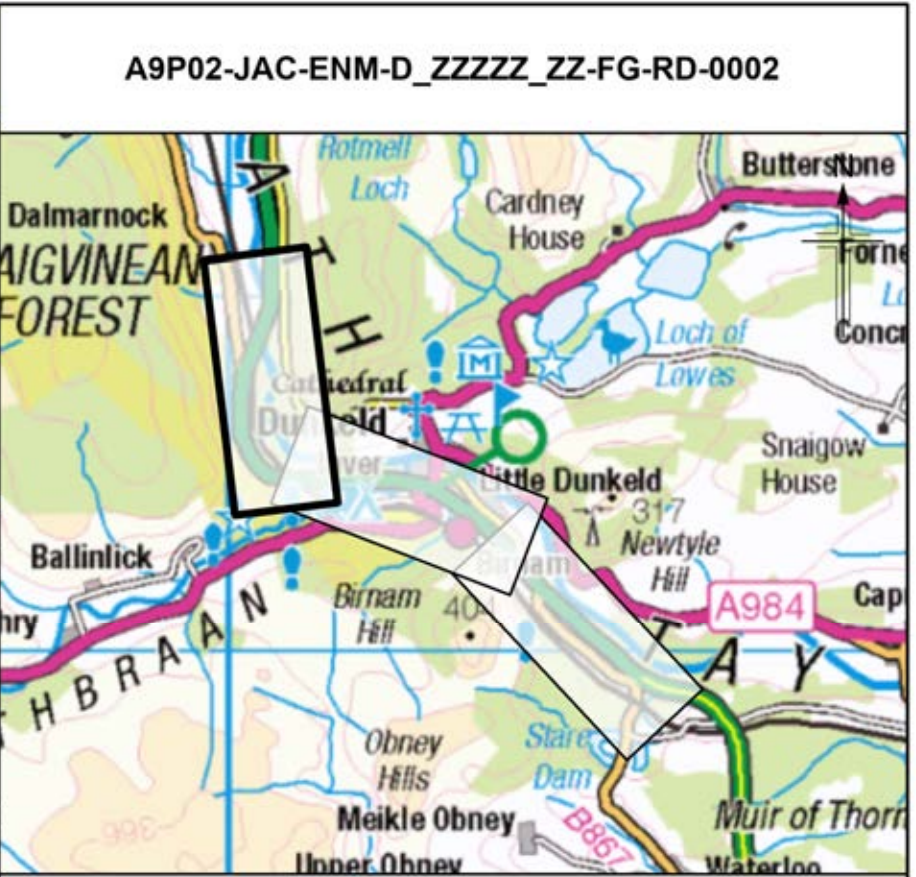
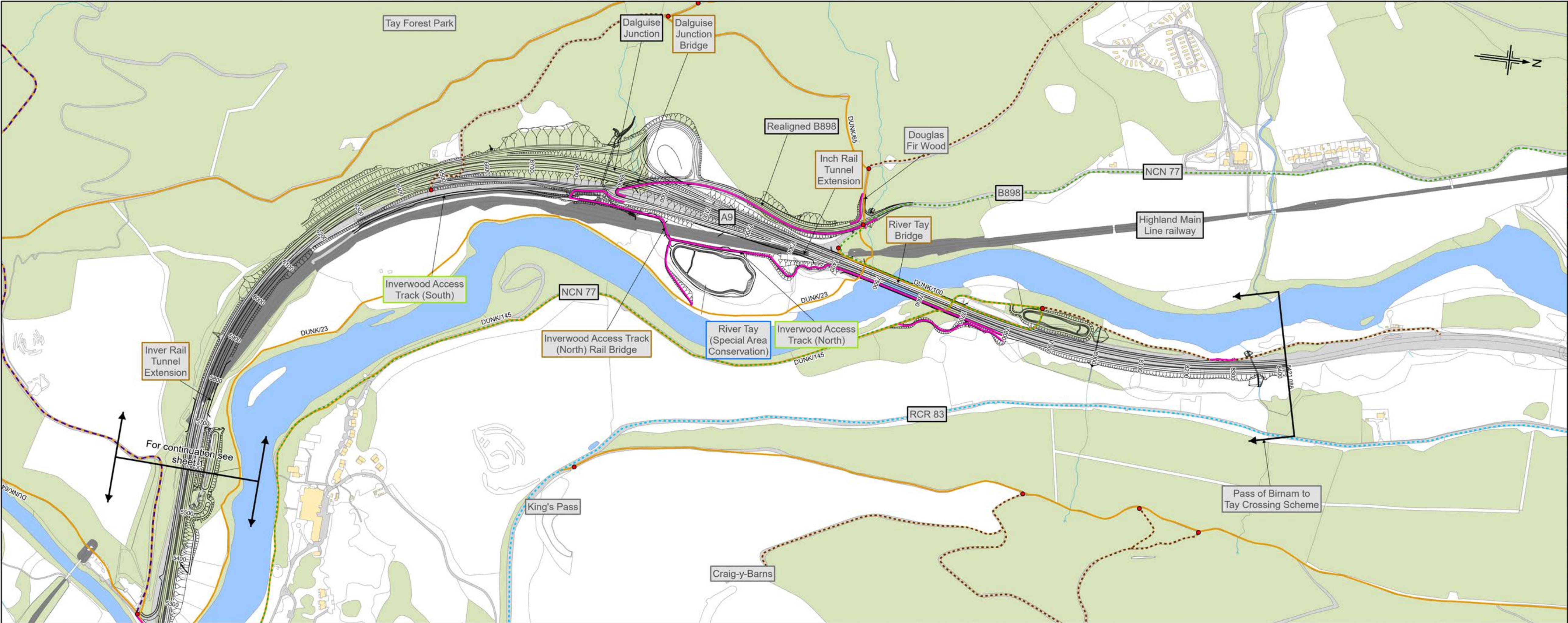
Drawing title

**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PROPOSED SCHEME
SHEET 2 OF 2**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:5,000 @ A1 / 1:10,000 @ A3		DO NOT SCALE
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BIM No.			
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Legend

- Watercourse
- Access
- Structure
- Transport Link
- Other feature
- Proposed scheme
- Cutting
- Embankment
- Structure
- Rights of Way
- National Cycle Network (NCN) Route
- Regional Cycle Route (RCR)
- Core Path
- Local Path
- Proposed WCH Provision
- Path intersection point

P02	23/05/2025	DMRB STAGE 3 REPORT - FINAL	MM	DE	AB	MP
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

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Client

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CÒRPHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

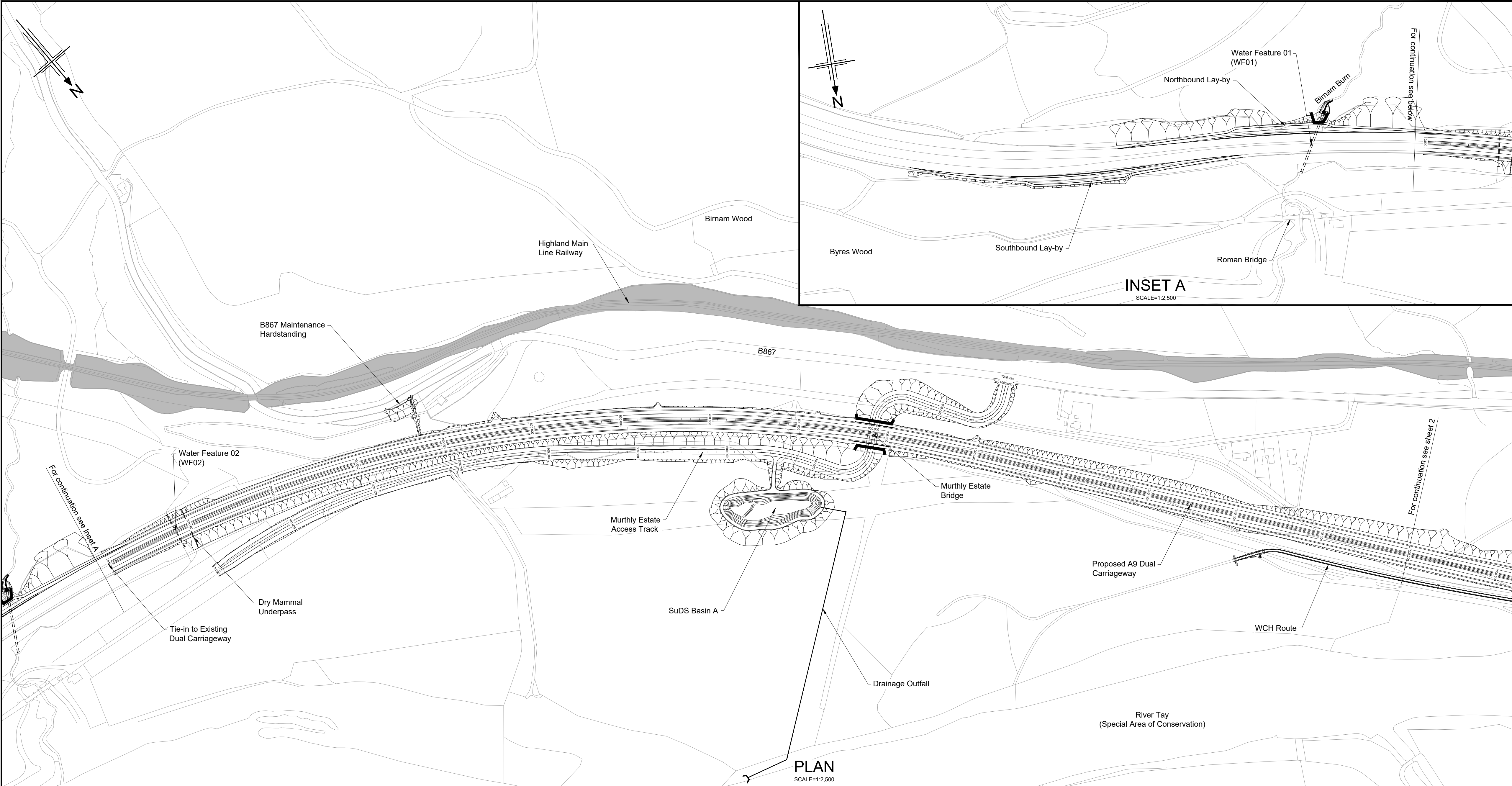
Drawing title

**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
WCH PROVISION
SHEET 2 OF 2**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:5,000 @ A1 / 1:10,000 @ A3		DO NOT SCALE
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BIM No.			
Drawing number	A9P02-JAC-ENM-D_ZZZZZ_ZZ-FG-RD-0002		Rev P02

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- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway

P01	23/11/18	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	26/08/19	ISSUED FOR INFORMATION	SA	DM	AB	AB
P03	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P04	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P05	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P06	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Designer:
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Tel: +44(0)141 92 5000 Fax: +44(0)141 221 0100
www.jacobs.co.uk



Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILE
CH. 0 - CH. 1500**

Drawing status
S4 - ISSUED FOR STAGE APPROVAL

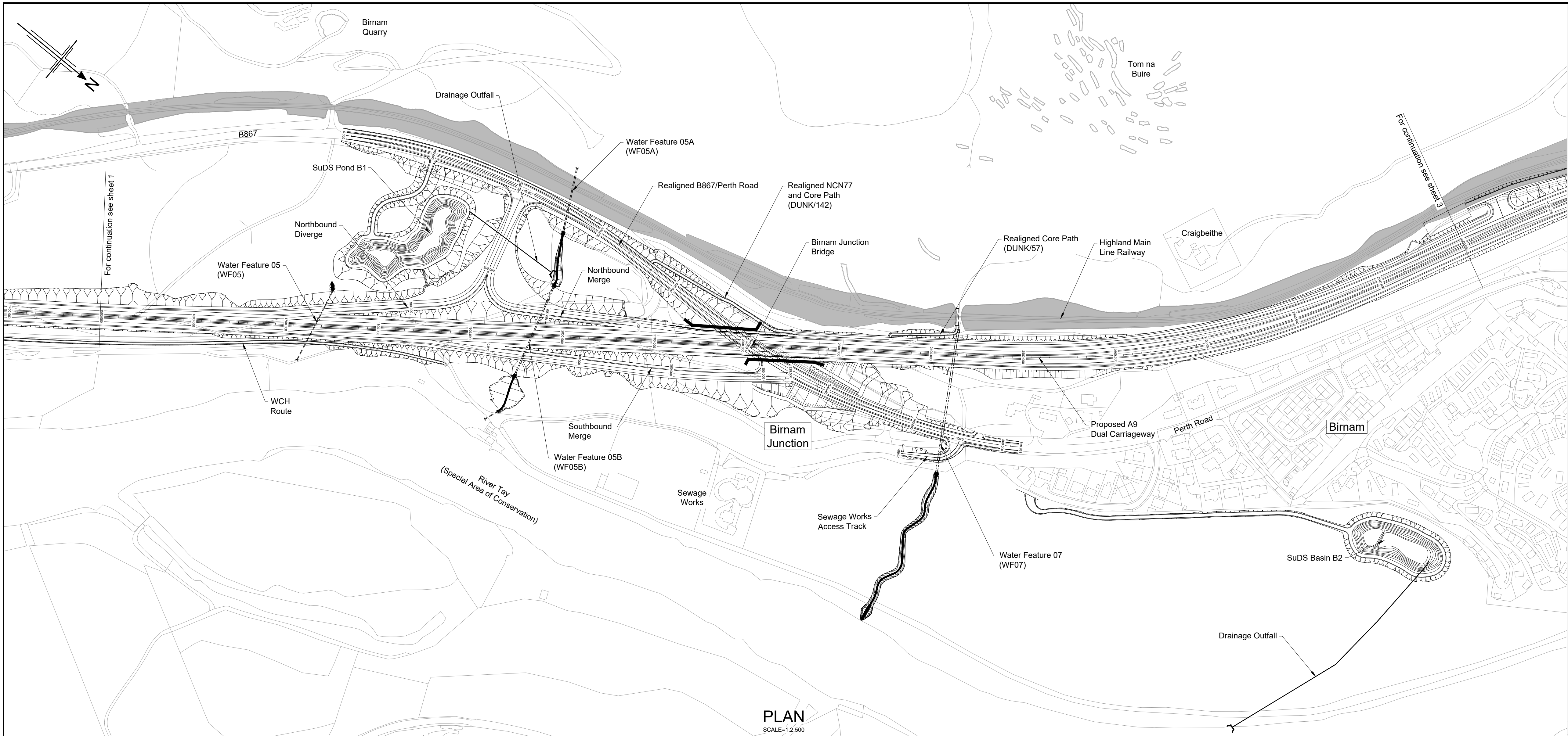
State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	
Jacobs No.	B2140002	Rev P06
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number
A9P02 - JAC - HML - D_ML000_ML -DR-RD-0001

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PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500



PLAN
SCALE=1:2,500

- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway

P01	23/11/18	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	26/08/19	ISSUED FOR INFORMATION	SA	DM	AB	AB
P03	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P04	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P05	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P06	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Designer:
Jacobs.
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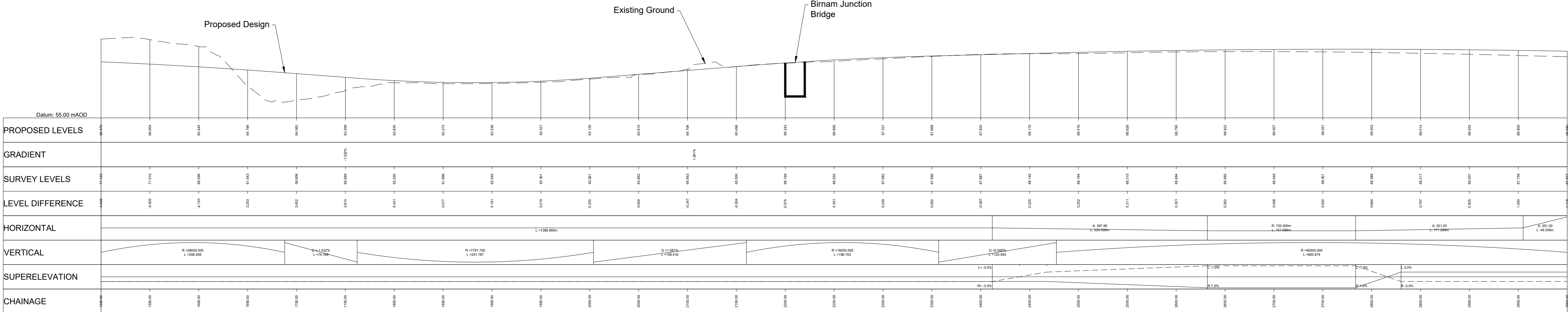
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**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILE
CH. 1500 - CH. 3000**

Drawing status
S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	Rev
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Client no.	TS/MTRIPS/SER/2013/03	

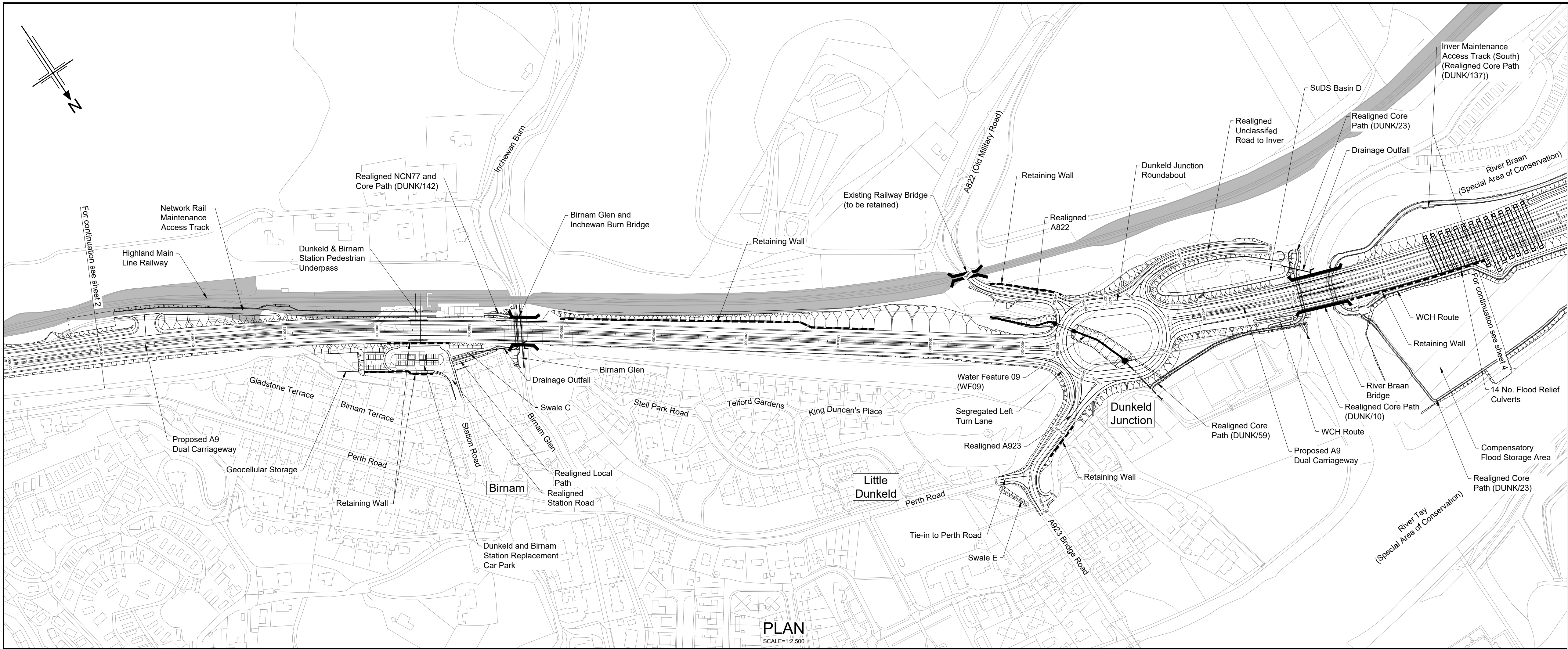
Drawing number
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D_ML015_ML -DR-RD-0002**

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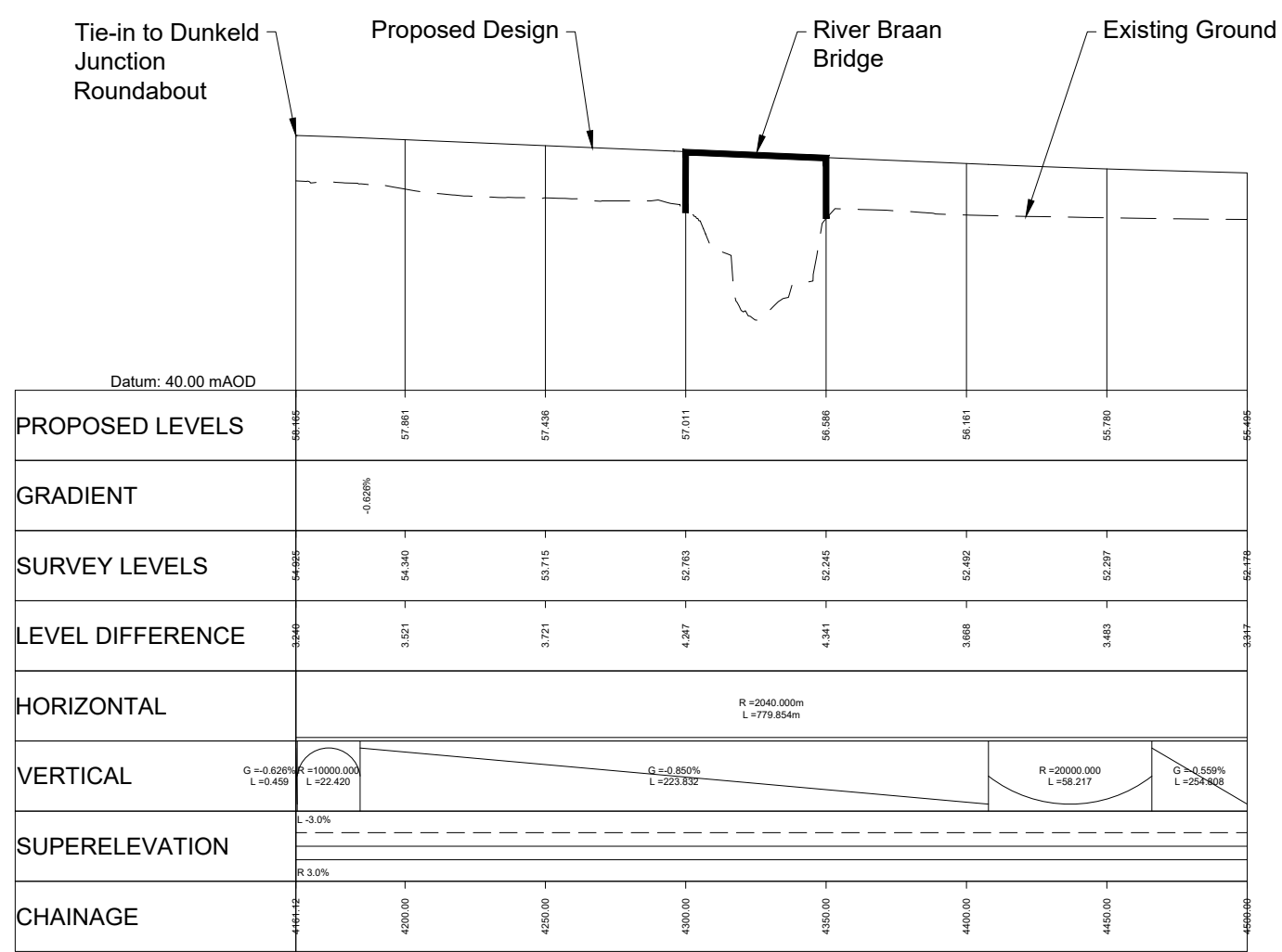
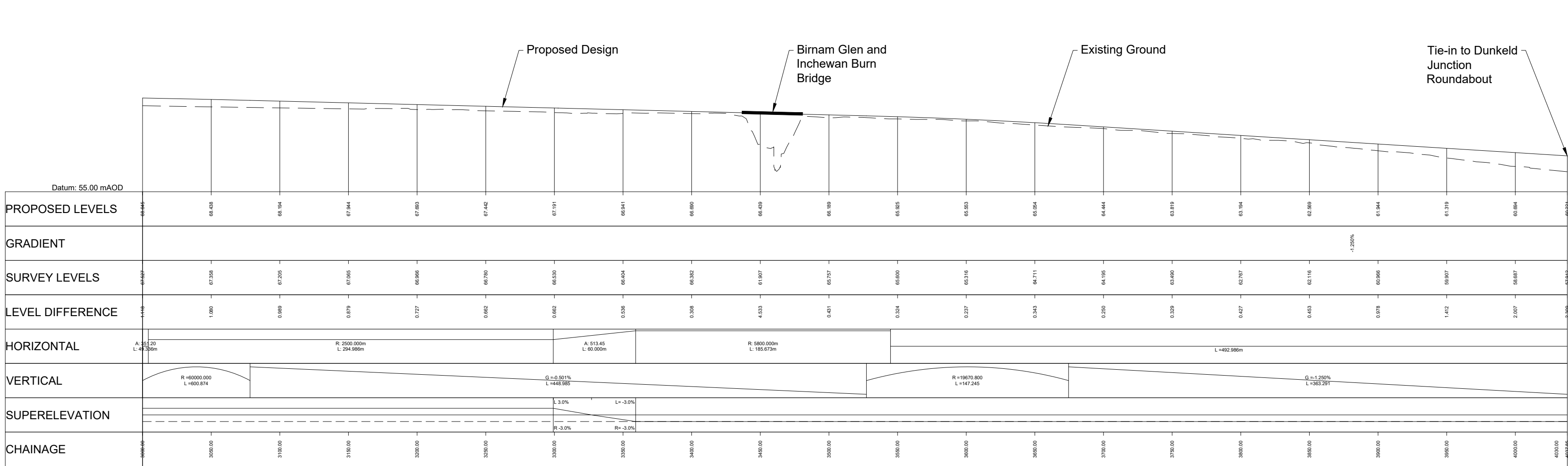


PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

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- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway



P01	23/11/18	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	26/08/19	ISSUED FOR INFORMATION	SA	DM	AB	AB
P03	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P04	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P05	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P06	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Designer:
Jacobs.
48 Watford St, Glasgow, G2 7AG
Tel: +44(0)141 92 3000 Fax: +44(0)141 221 2100
www.jacobs.co.uk



Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILES
CH. 3000 - CH. 4500**

Drawing status
S4 - ISSUED FOR STAGE APPROVAL

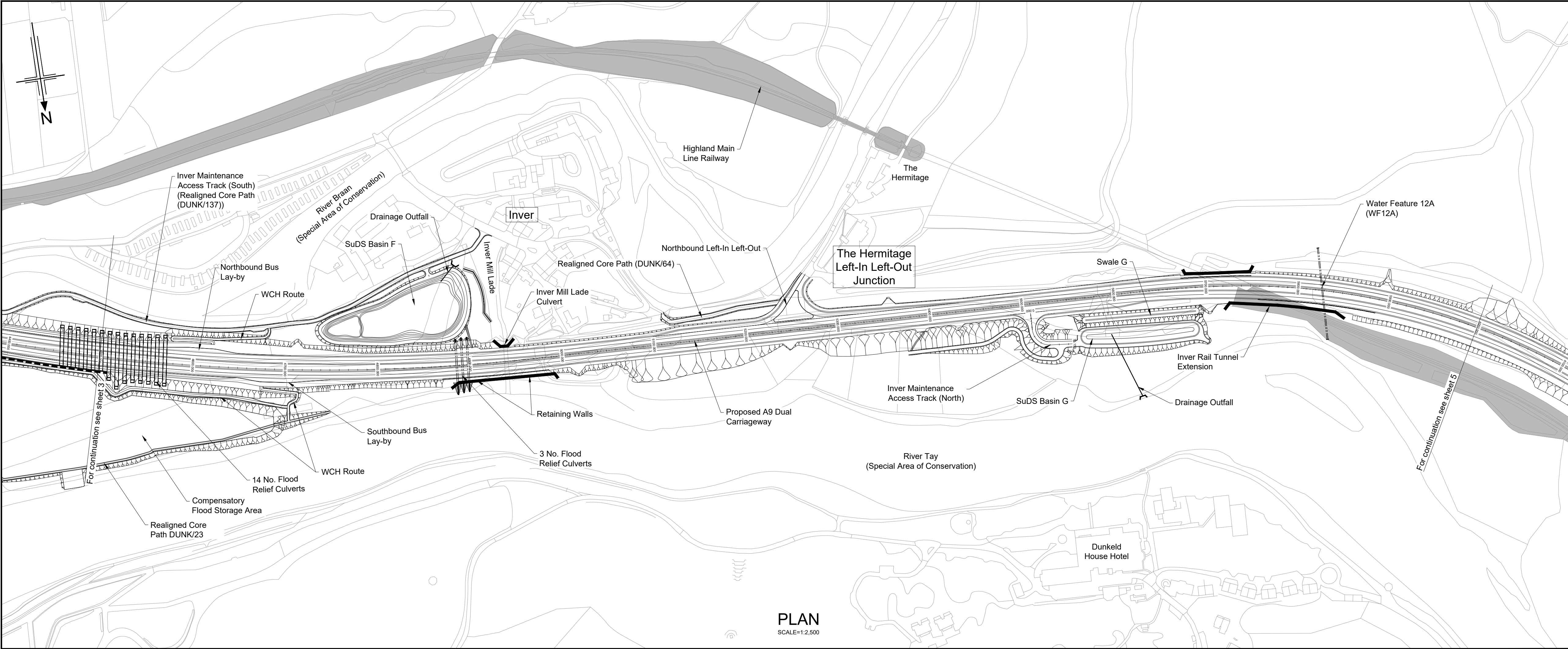
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Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P06
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number
**A9P02 - JAC - HML -
D_ML030_ML -DR-RD-0003**

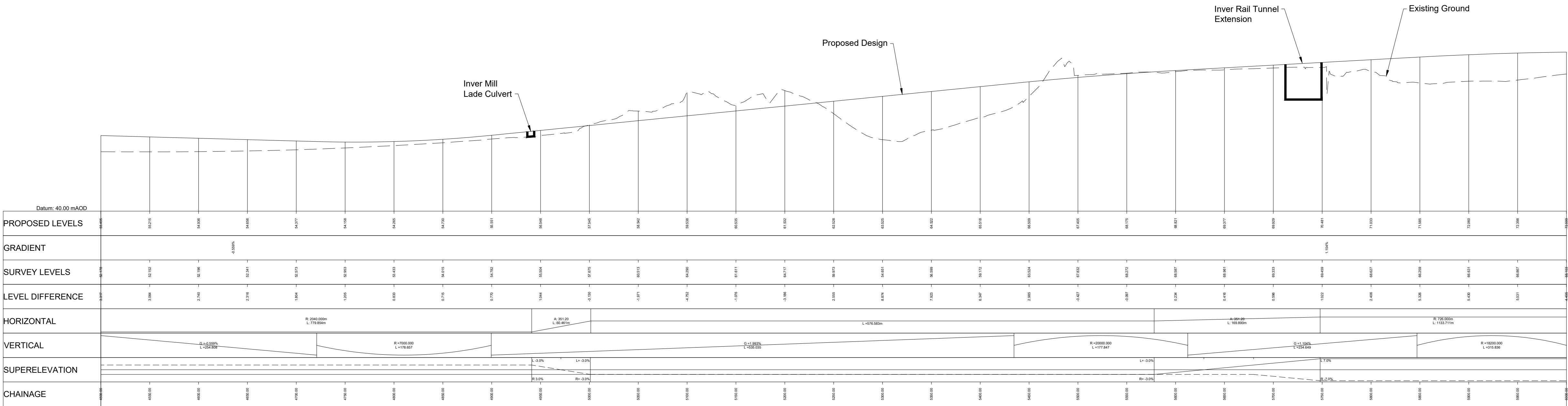
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PROFILES
HORIZONTAL SCALE = 1:2,500
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- Legend:
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 - Bridge Structure
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 - Outfall Headwall
 - Highland Main Line Railway



P01	23/11/18	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	26/08/19	ISSUED FOR INFORMATION	SA	DM	AB	AB
P03	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P04	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P05	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P06	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Designer:

Jacobs.

Client



Project



Drawing title

DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILE
CH. 4500 - CH. 6000

Drawing status

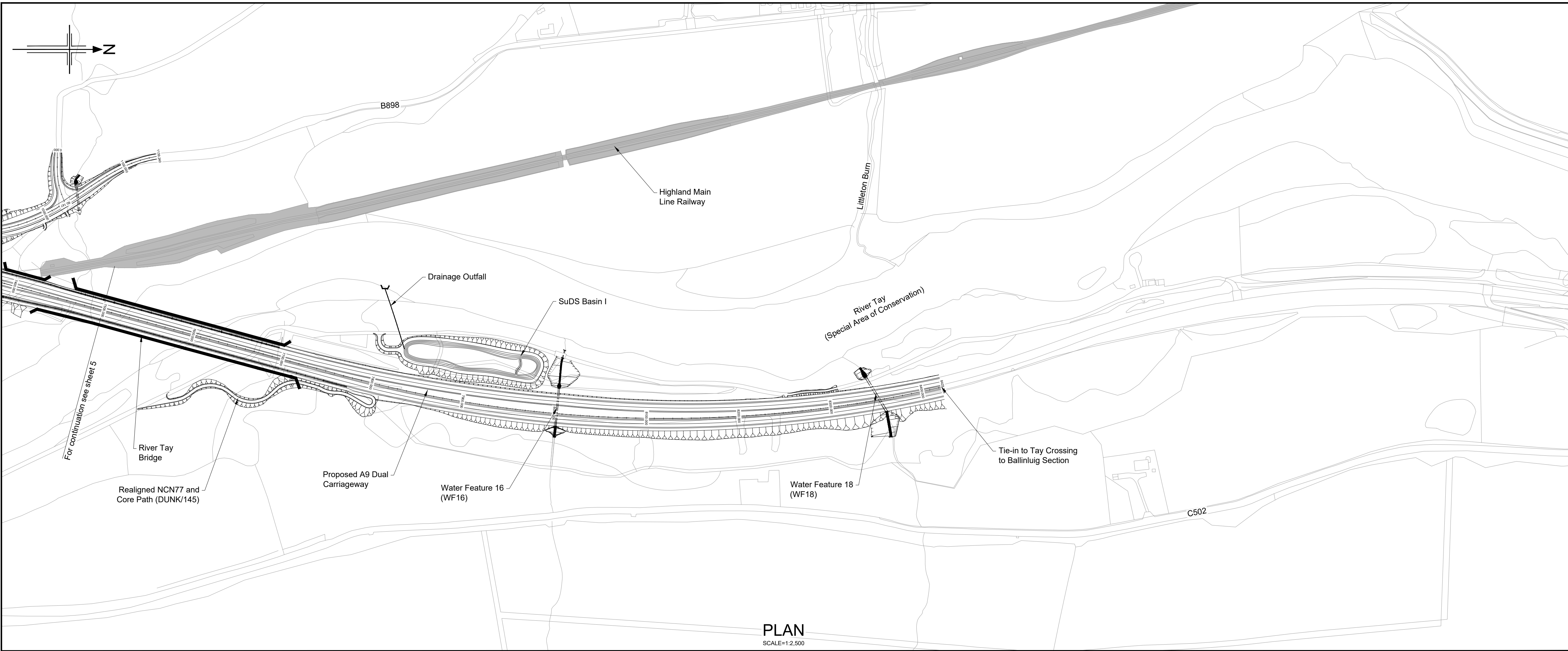
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State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P06
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number	Originator	Volume
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D ML045 ML	Location	DR-RD-0004

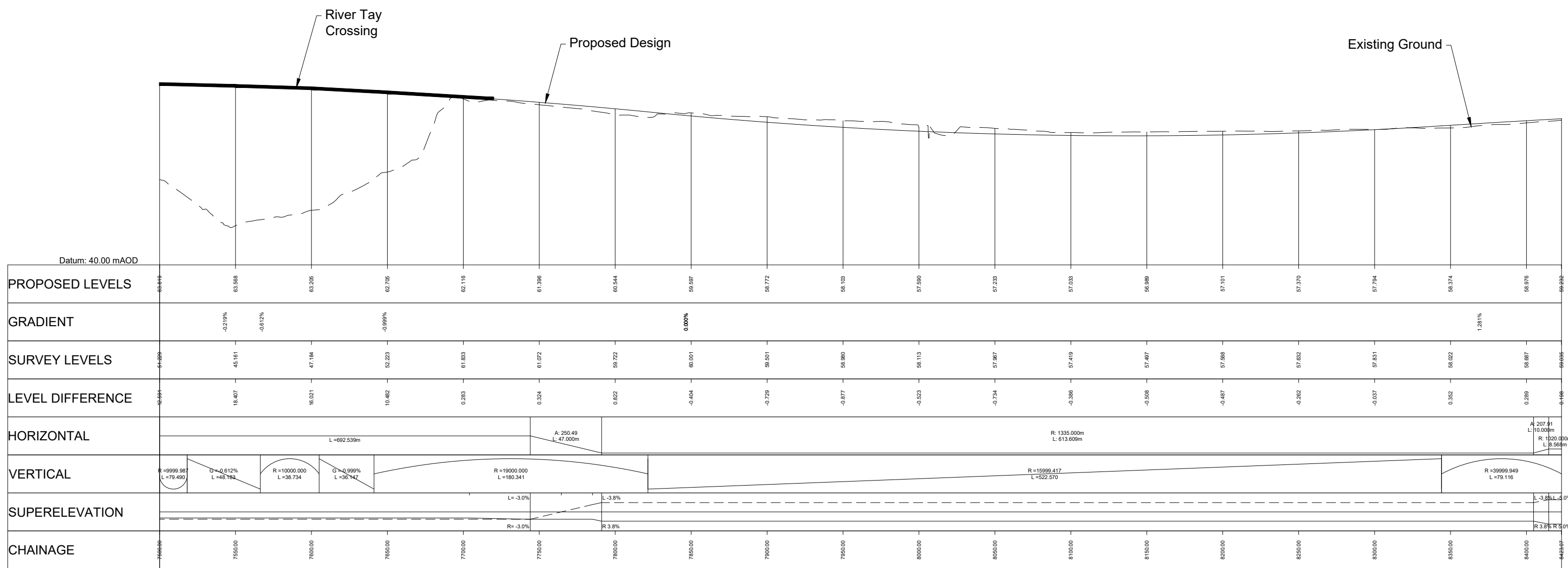
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- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway

PLAN
SCALE=1:2,500



PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

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P02	26/08/19	ISSUED FOR INFORMATION	SA	DM	AB	AB
P03	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P04	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P05	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P06	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Designer:
Jacobs.
48 Watford St, Glasgow, G2 7AG
Tel: +44(0)141 523 5000 Fax: +44(0)141 221 2100
www.jacobs.co.uk

Client
TRANSPORT SCOTLAND
COMHDAIL ALBA

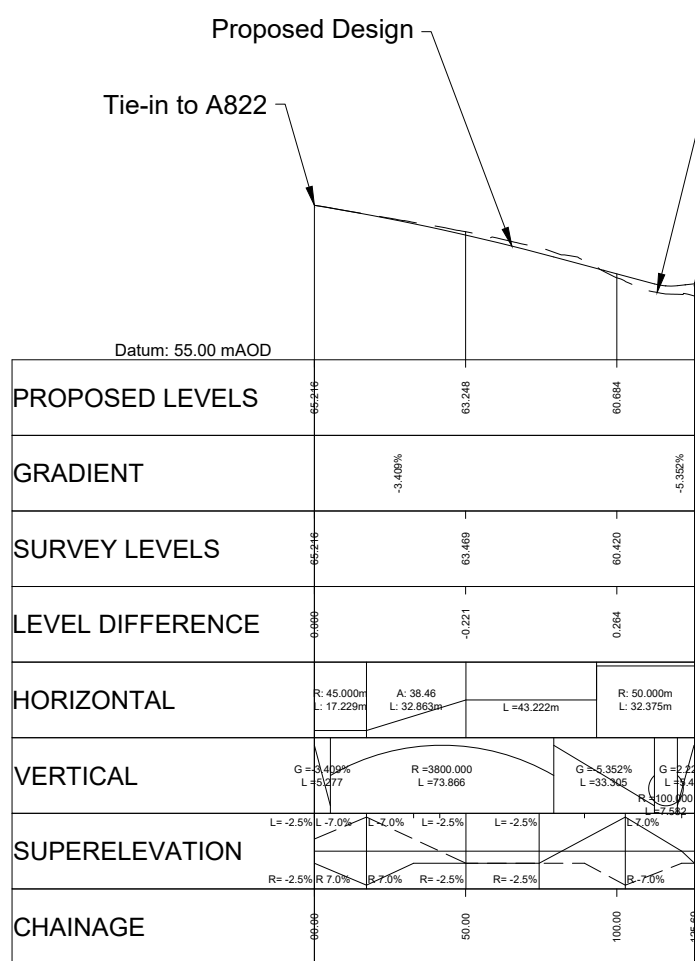
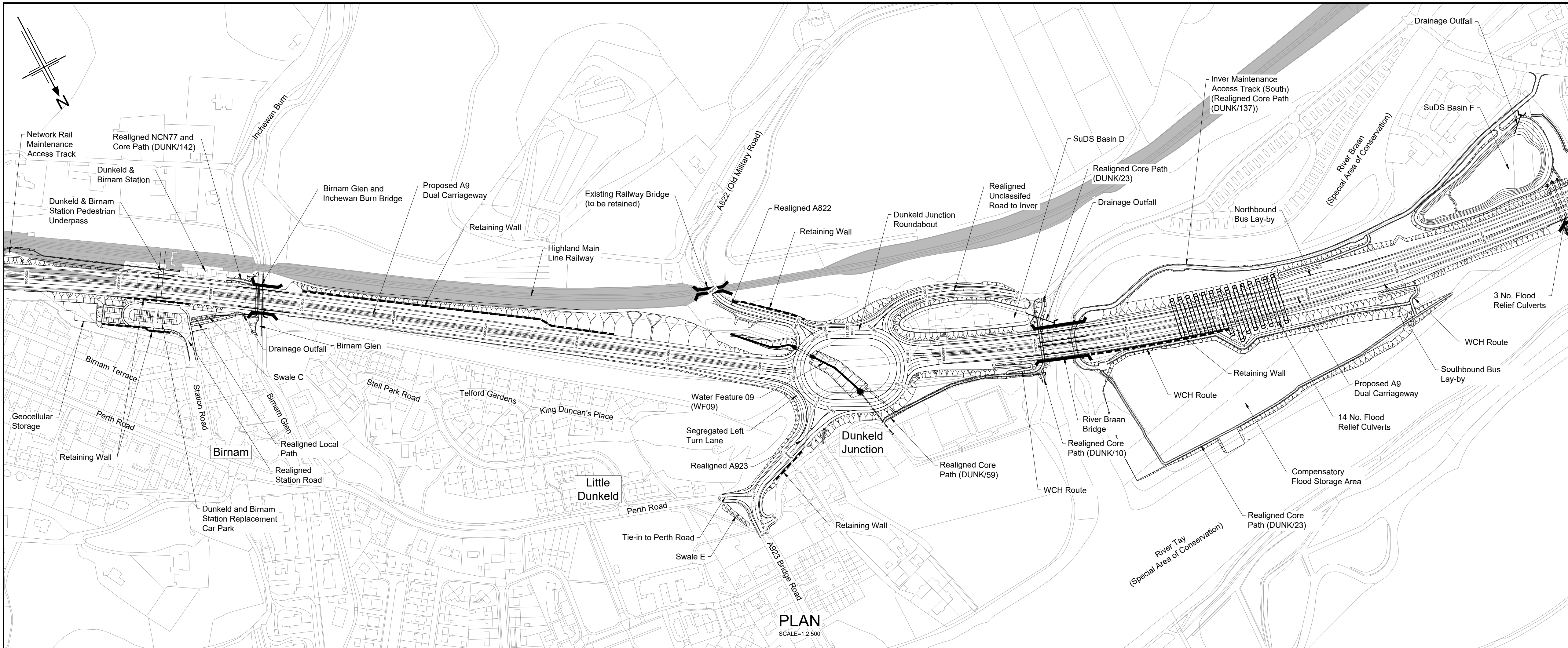
Project
A9 DUALING
PASS OF BIRNAM TO TAY CROSSING

Drawing title
DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILE
CH. 7500 - END

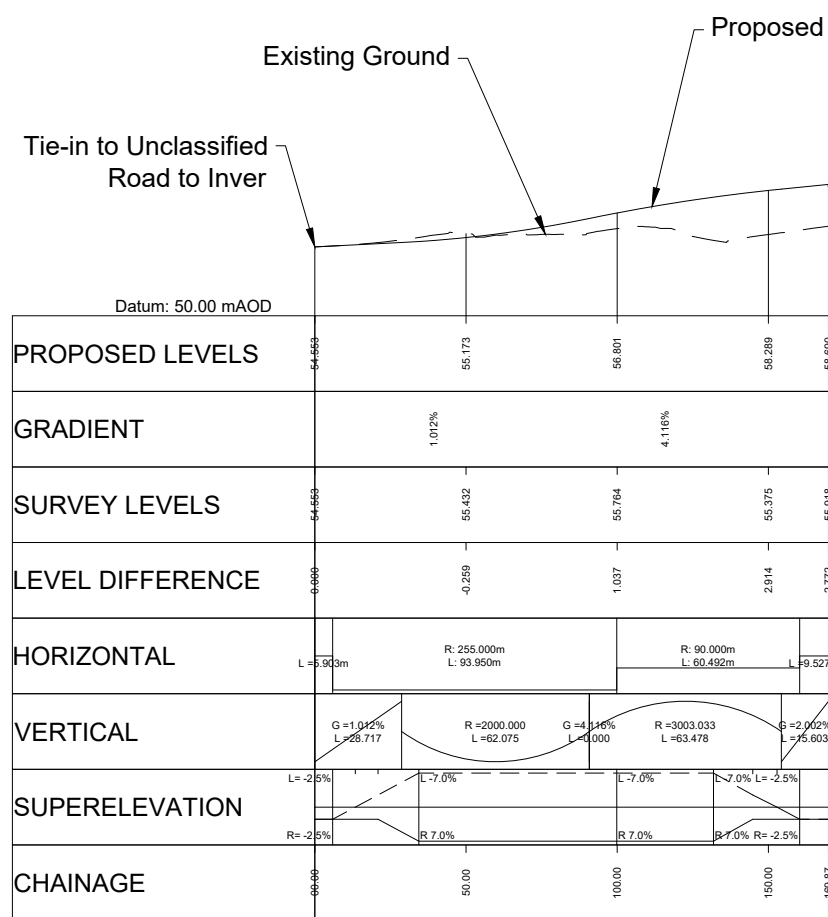
Drawing status
S4 - ISSUED FOR STAGE APPROVAL

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Jacobs No.	B2140002	Rev P06
Client no.	TS/MTRIPS/SER/2013/03	

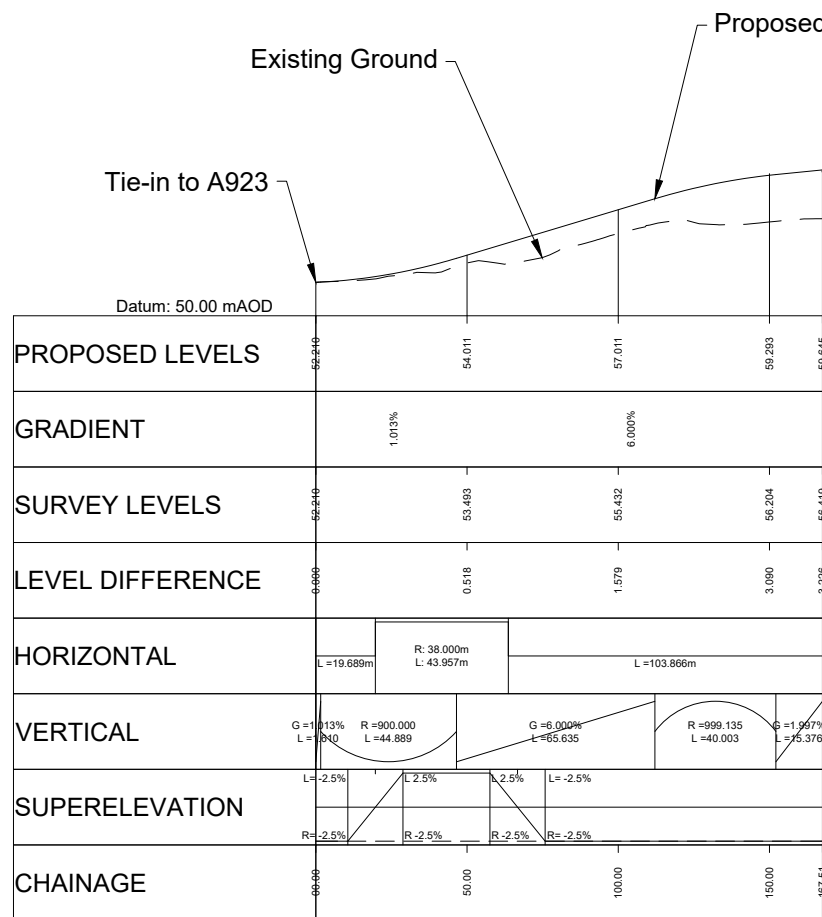
Drawing number
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D_ML075_ML - Location
-DR-RD-0006 - Volume
JAC - Role
HML - Number



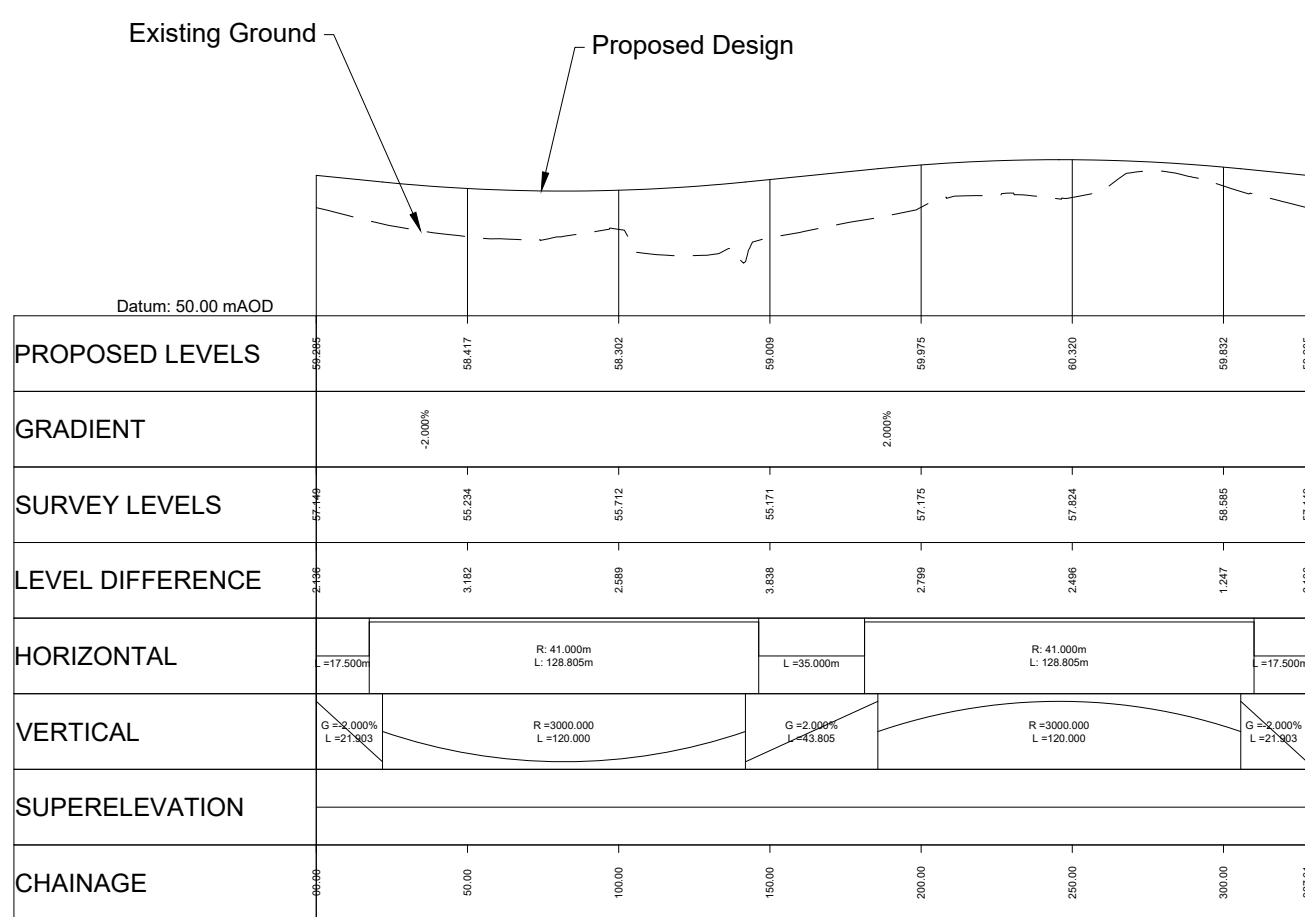
Dunkeld Junction
Realigned A822



Dunkeld Junction
Realigned Unclassified Road to Inver



Dunkeld Junction
Realigned A923



Dunkeld Junction
Roundabout

PROFILES

HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

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- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P02	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P03	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP

Designer: **Jacobs.**



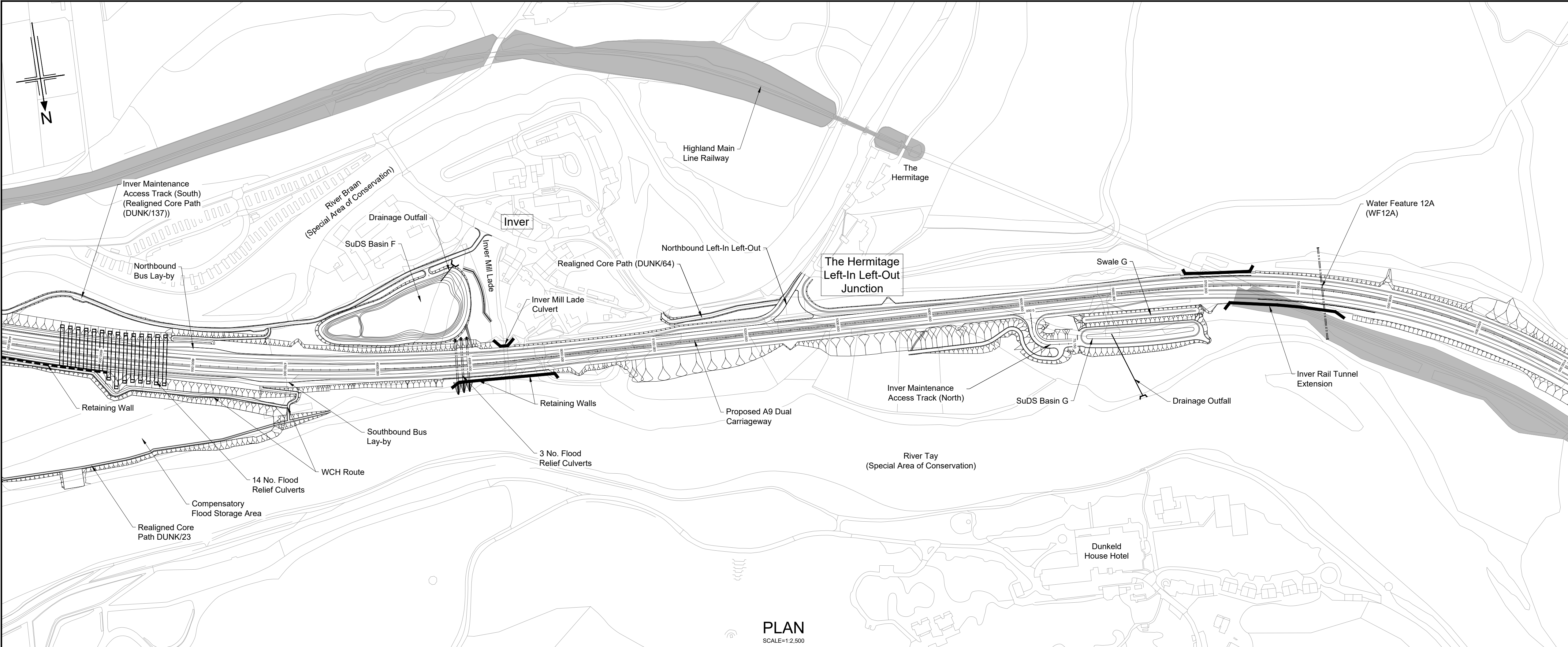
Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILES
DUNKELD JUNCTION**

Drawing status
S4 - ISSUED FOR STAGE APPROVAL

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Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P04
Client no.	TS/MTRIPS/SER/2013/03	

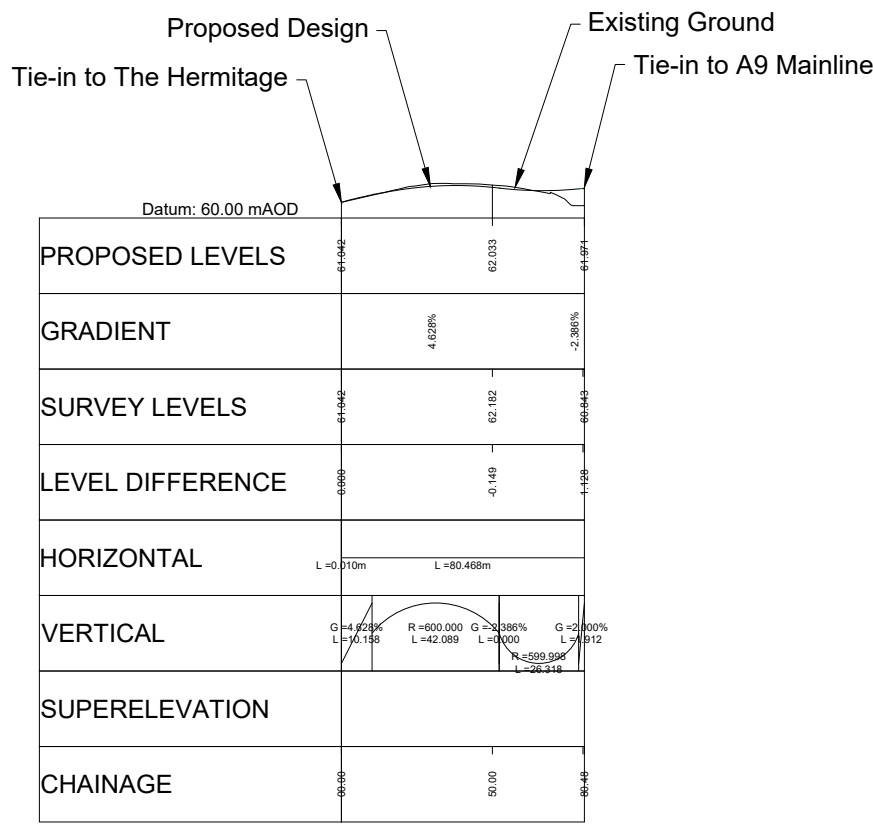
Drawing number
A9P02 - JAC - HML - D_JC02A_JC -DR-RD-0001

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- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway

PLAN
SCALE=1:2,500



The Hermitage Junction

PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

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P01	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P02	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P03	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

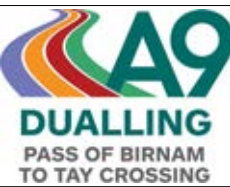
Designer:

Jacobs.

Client



Project



Drawing title

DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILE
THE HERMITAGE JUNCTION

Drawing status

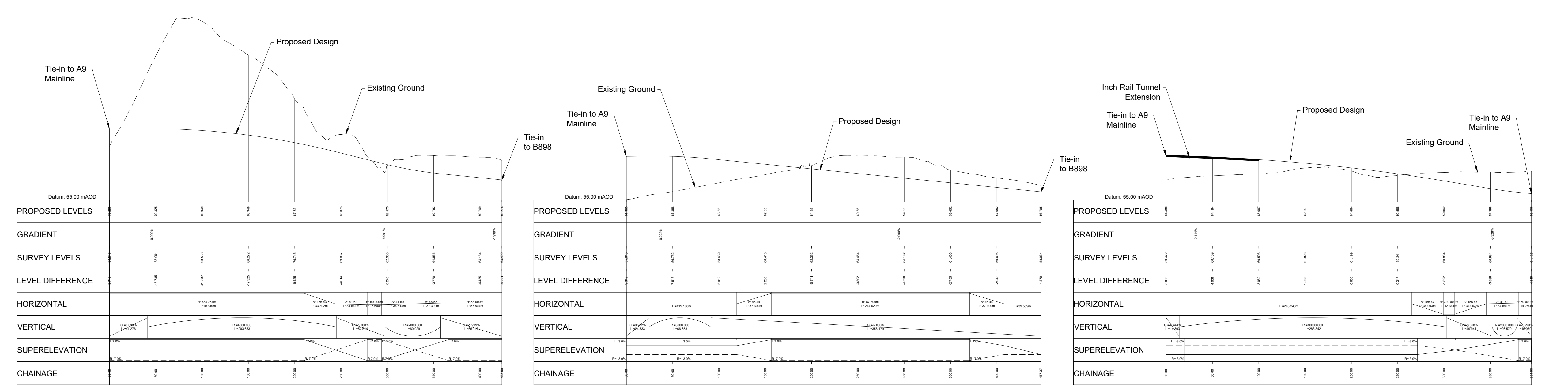
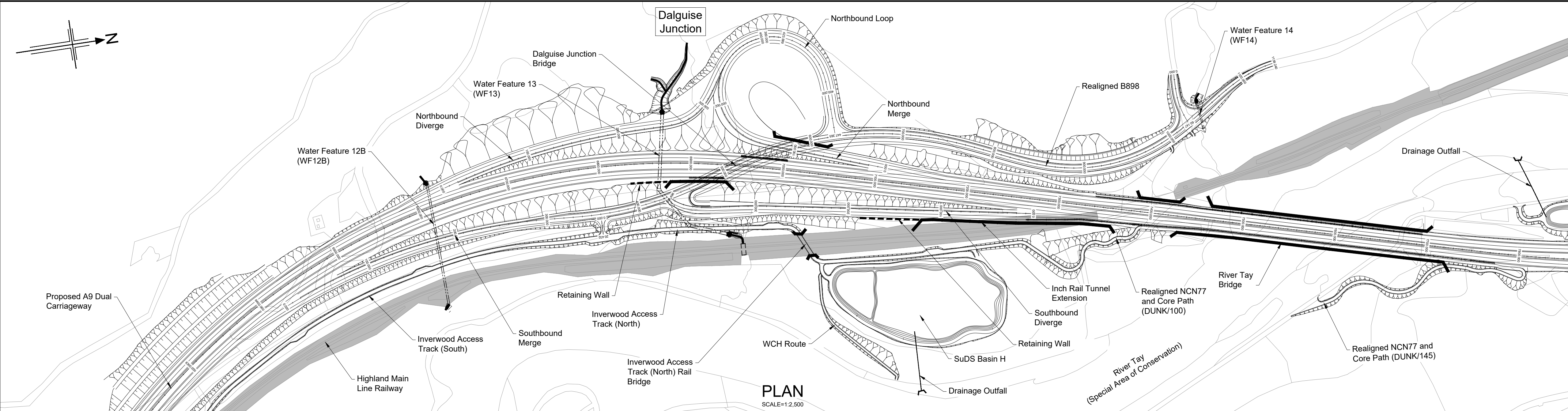
S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	
Jacobs No.	B2140002	Rev P04
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number

A9P02 - JAC - HML -
D_JC03A_JC -DR-RD-0001

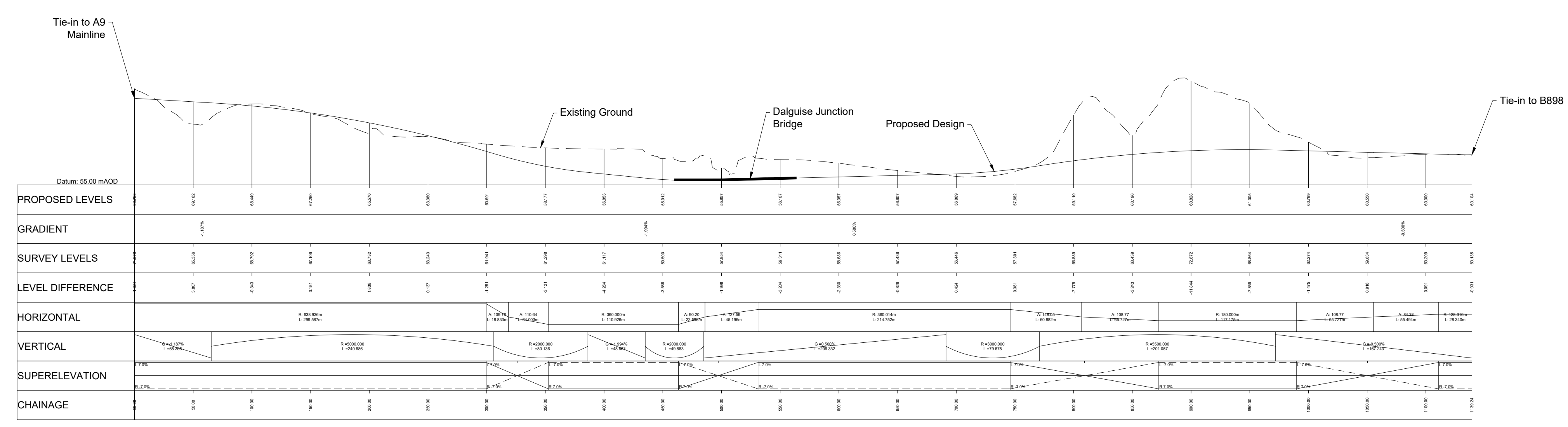
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Dalguise Junction
Northbound Diverge

Dalguise Junction
Northbound Merge

Dalguise Junction
Southbound Diverge



Dalguise Junction Southbound Merge (Ch. 0 - Ch. 227)
and B898 (Ch. 227 - End)

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PROFILES
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

Legend:

- Natural Earthwork Slope (1:2 or shallower)
- Reinforced Earthwork Slope (steeper than 1:2)
- Bridge Structure
- Retaining Wall Structure
- Outfall Headwall
- Highland Main Line Railway

P01	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P02	02/05/25	ISSUED FOR INFORMATION	CK	AB	MP	MP
P03	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Approved

Designer:

48 Bedford St, Glasgow, G2 7JF
Tel: +44 (0)141 50 5000 Fax: +44 (0)141 221 0100
info@jacobs.co.uk

Client

TRANSPORT
SCOTLAND
COMHDAHL ALBA

Project

A9
DUALLING
PASS OF BIRNAM
TO TAY CROSSING

Drawing title

DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILES
DALGUISE JUNCTION

Drawing status

S4 - ISSUED FOR STAGE APPROVAL

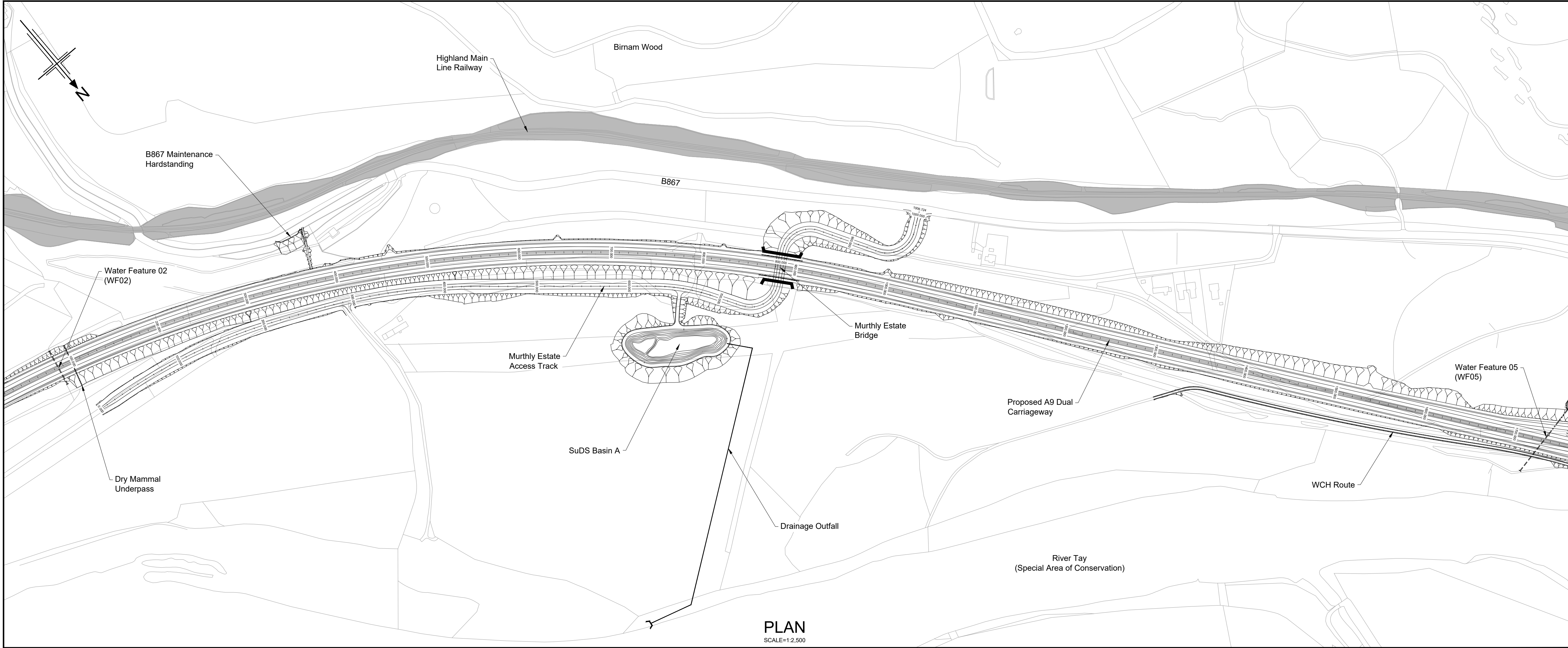
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Jacobs No.	B2140002	P04
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number

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D_JC04A_JC -DR-RD-0001

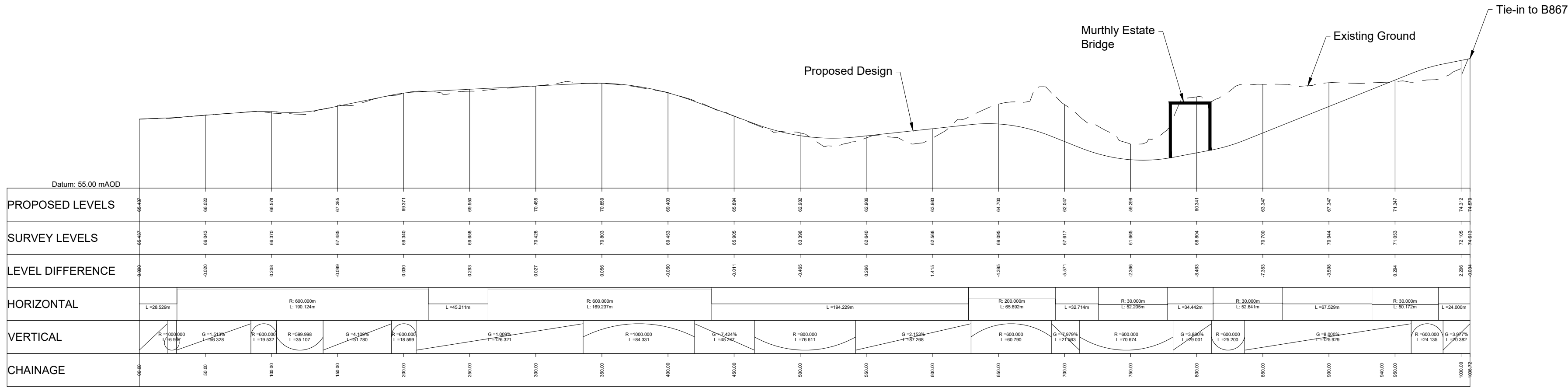
Originator: JAC, Volume: HML, Location: D_JC04A_JC, Role: DR, Number: RD-0001

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- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway

PLAN
SCALE=1:2,500



Murthly Estate Access Track

PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P02	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P03	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP

Designer:
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48 Belford St, Glasgow, G2 7AG
Tel: +44(0)141 92 3000 Fax: +44(0)141 221 0100
www.jacobs.co.uk

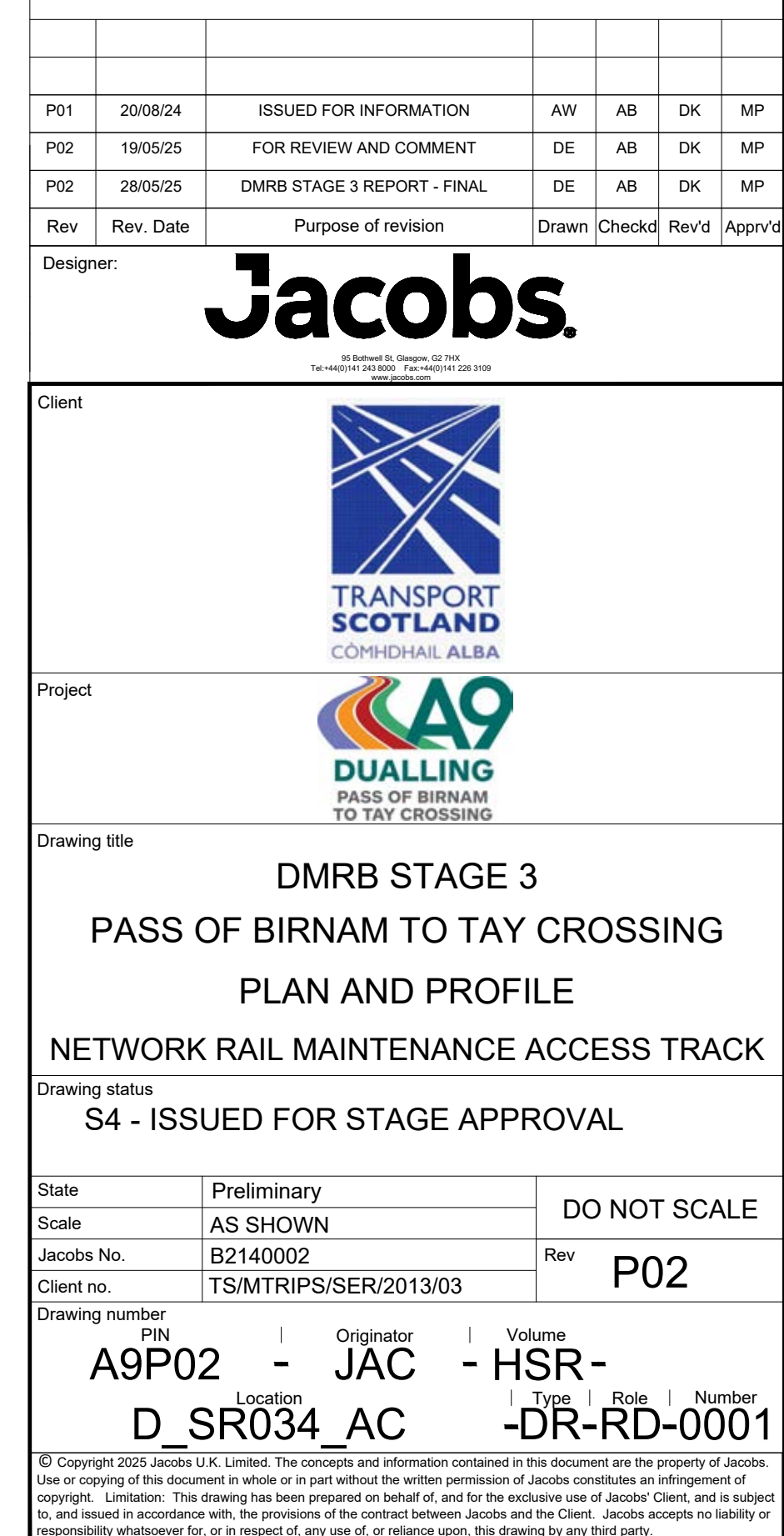


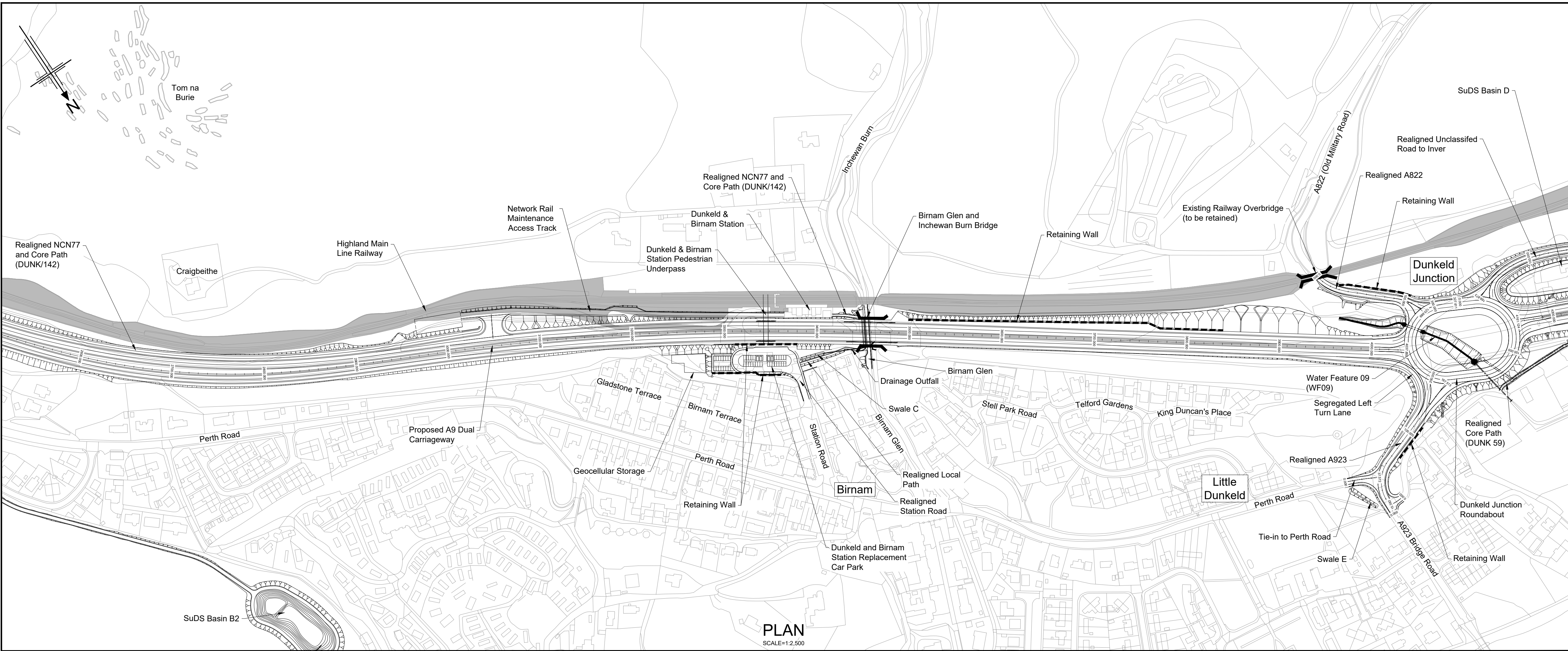
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**DMRB STAGE 3
PASS OF BIRNHAM TO TAY CROSSING
PLAN AND PROFILE
MURTHLY ESTATE ACCESS TRACK**

Drawing status
S4 - ISSUED FOR STAGE APPROVAL

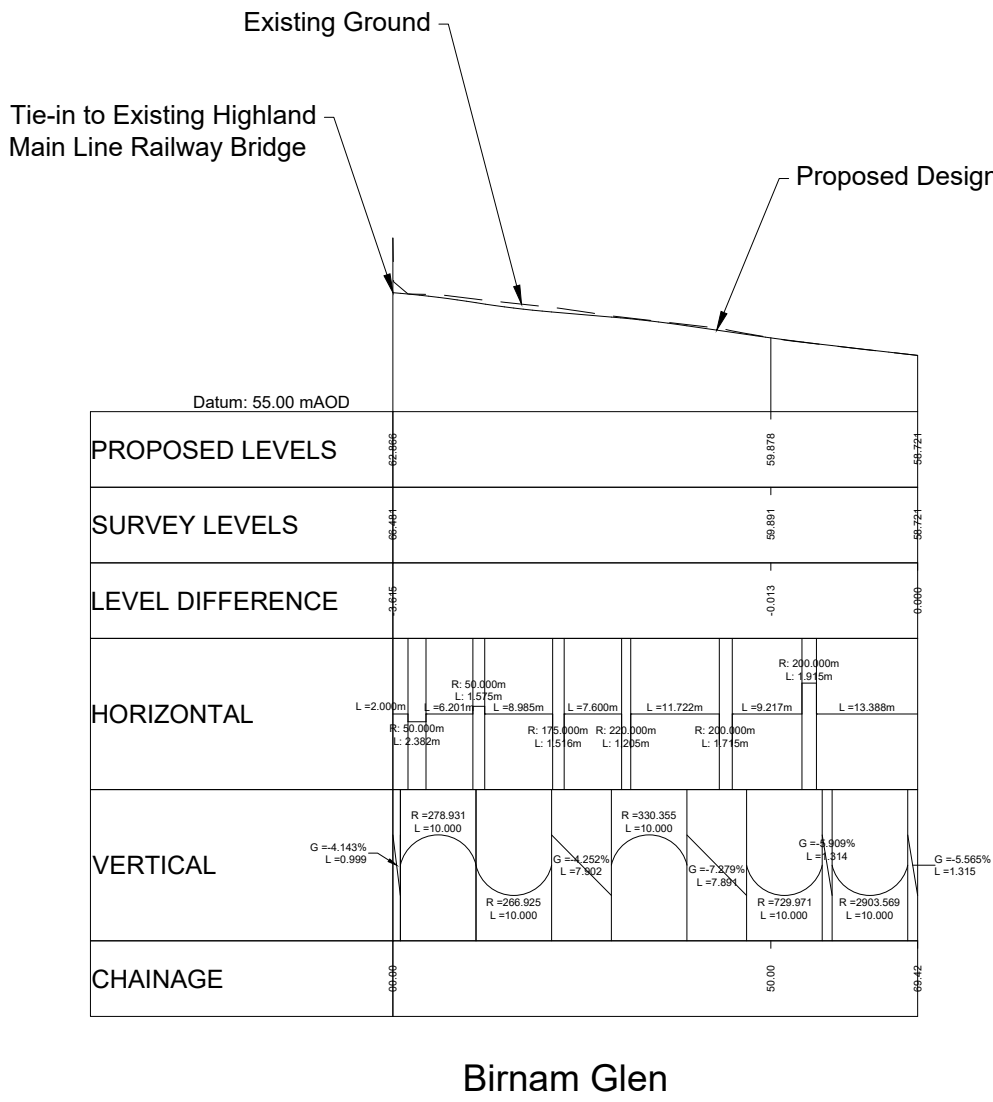
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Client no.	TS/MTRIPS/SER/2013/03	

Drawing number
A9P02 - JAC - HSR -
D_SR001_AC -DR-RD-0001





- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P02	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P03	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP

Designer:
Jacobs.
48 Redwood St, Glasgow, G2 7JF
Tel: +44(0)141 92 3300 Fax: +44(0)141 221 2100
www.jacobs.co.uk

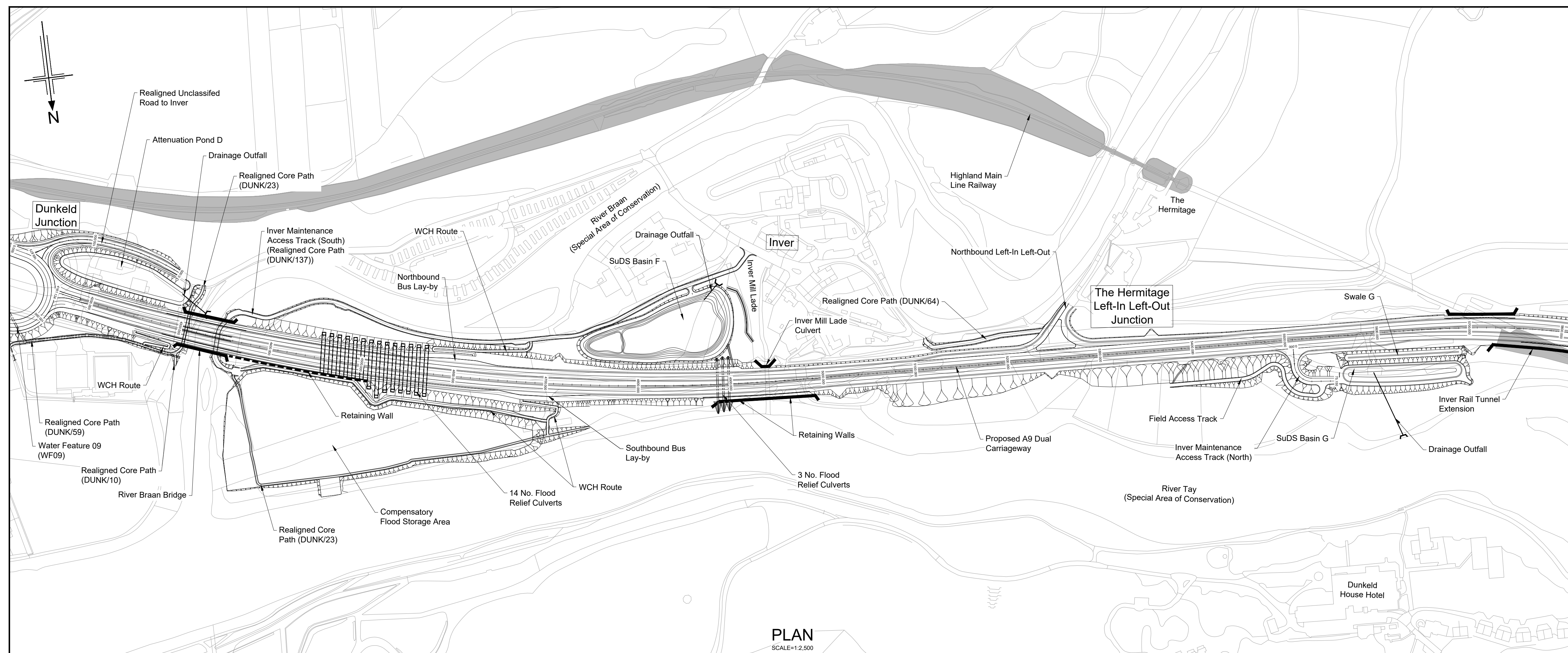


Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILE
BIRNAM GLEN**

Drawing status
S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	
Jacobs No.	B2140002	Rev P03
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number
A9P02 - JAC - HSR -
D_SR034_SR -DR-RD-0001



Legend:

Natural Earthwork Slope (1:2 or shallower)

Reinforced Earthwork Slope (steeper than 1:2)

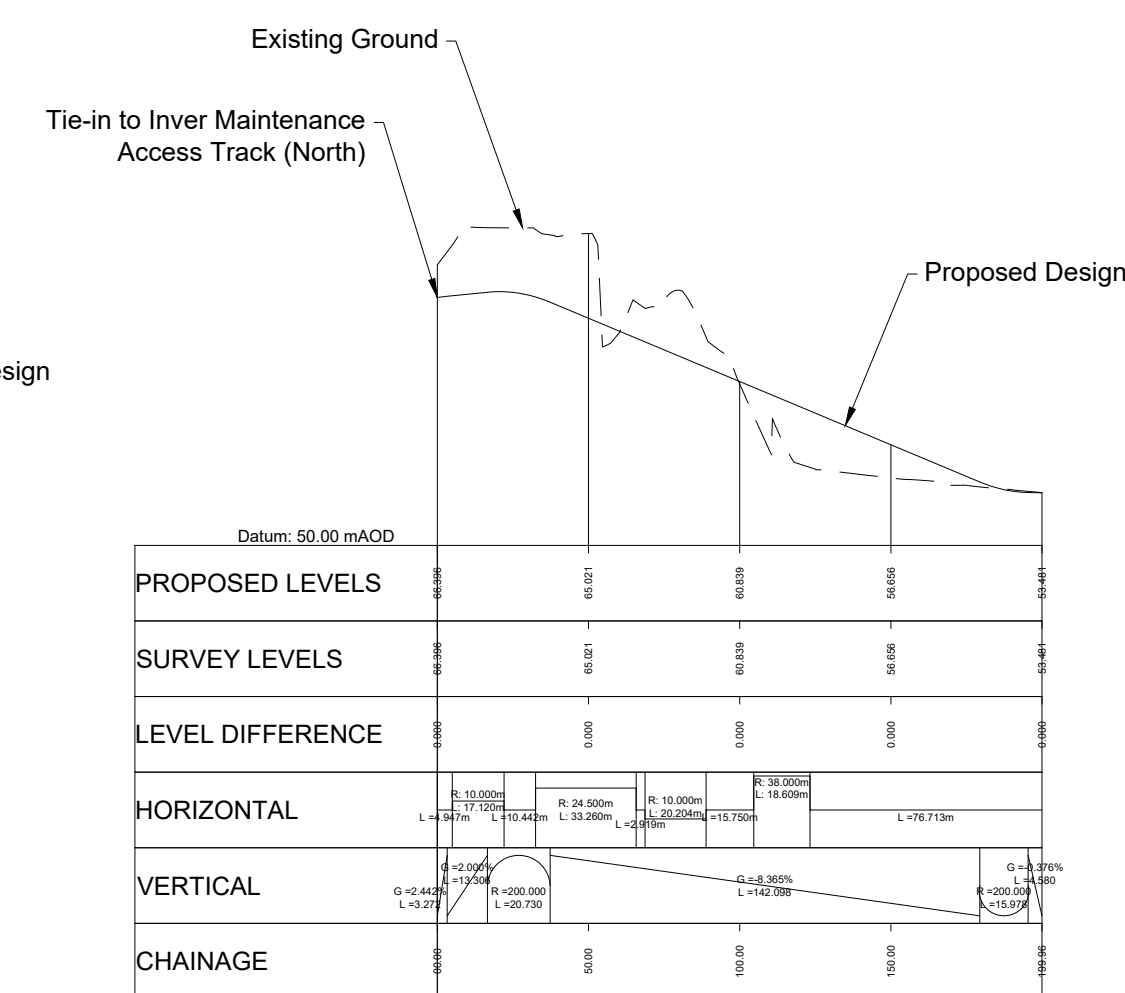
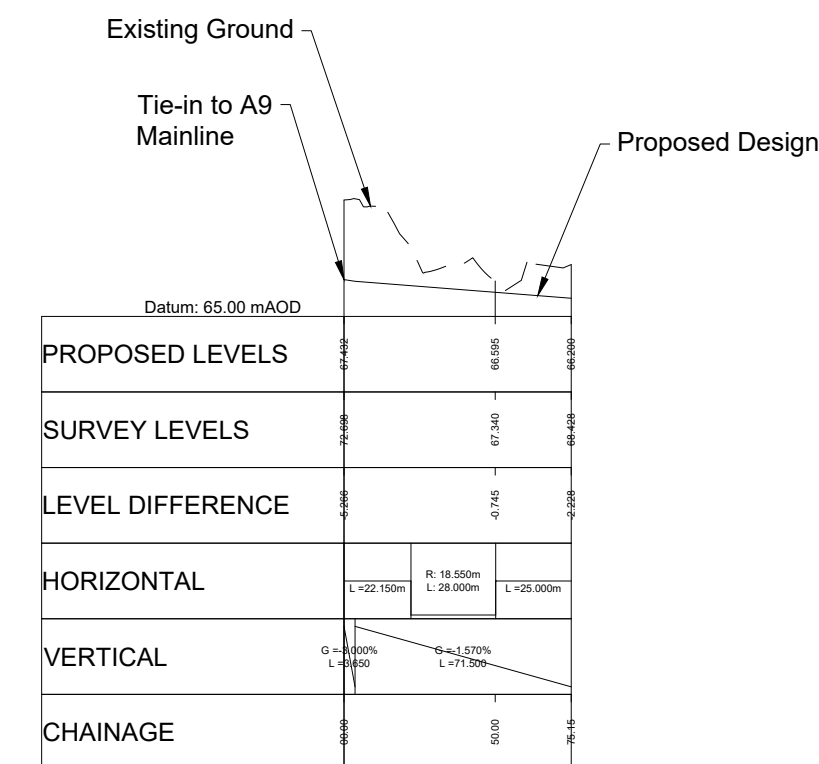
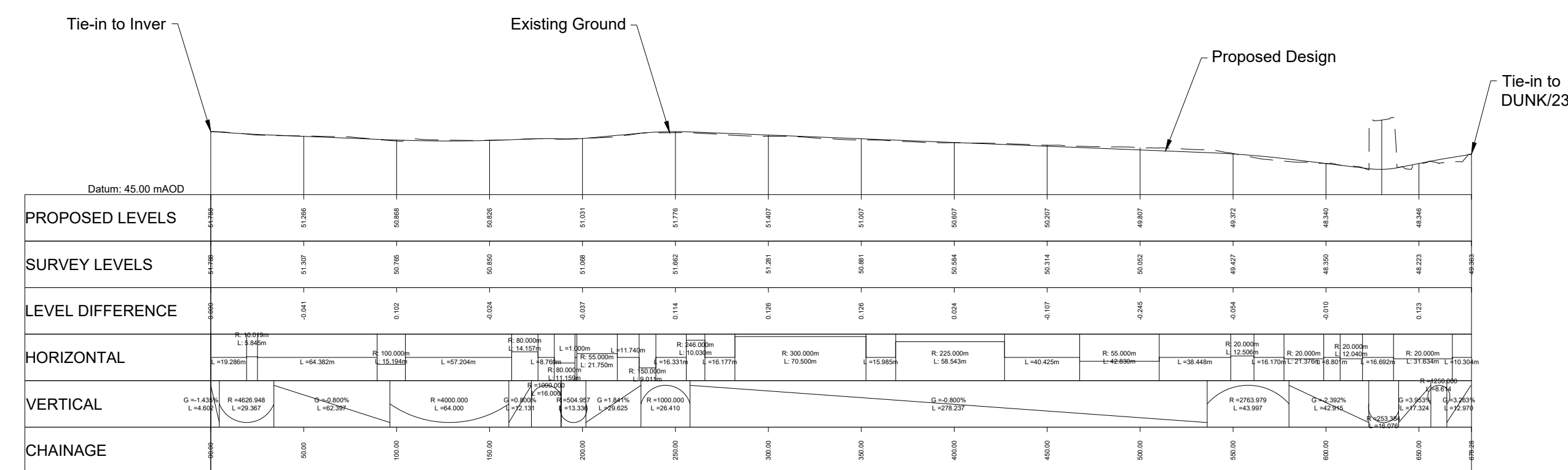
Bridge Structure

Retaining Wall Structure

Outfall Headwall

Highland Main Line Railway

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Approved
P01	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P01	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P02	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP



Inver Maintenance Access Track (South)

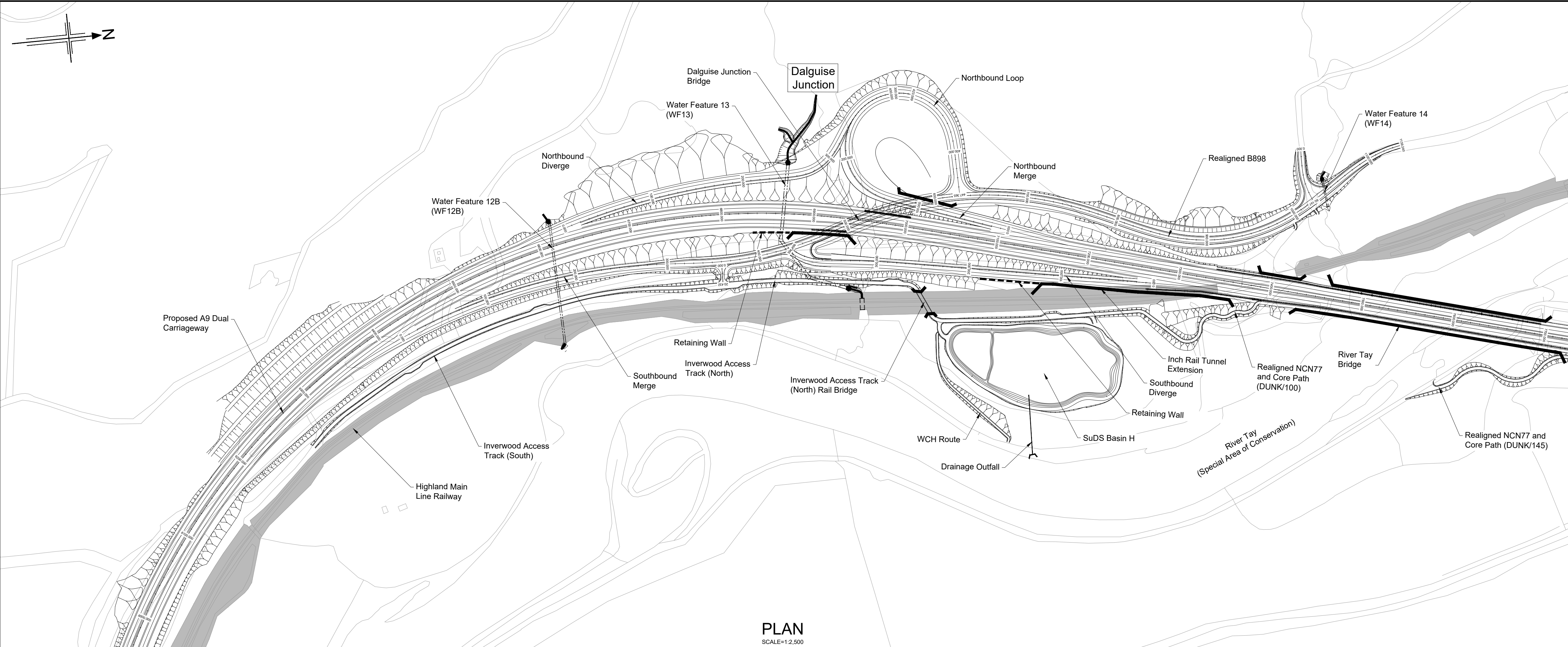
Inver Maintenance Access Track (North)

Field Access Track

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PROFILE

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- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line Railway

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	20/08/24	ISSUED FOR INFORMATION	AW	AB	DK	MP
P02	19/05/25	FOR REVIEW AND COMMENT	DE	AB	DK	MP
P03	28/05/25	DMRB STAGE 3 REPORT - FINAL	DE	AB	DK	MP

Designer:

Jacobs.

48 Belford St, Glasgow, G2 7AG
Tel: +44(0)141 943 9000 Fax: +44(0)141 221 0100
www.jacobs.co.uk



Drawing title

**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
PLAN AND PROFILE
INVERWOOD ACCESS TRACK**

Drawing status

S4 - ISSUED FOR STAGE APPROVAL

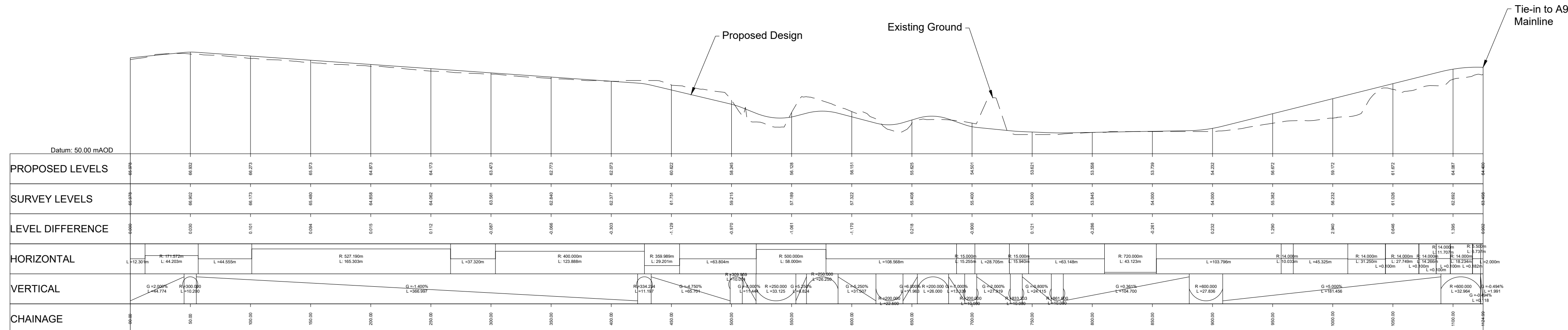
State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	
Jacobs No.	B2140002	Rev P03
Client no.	TS/MTrips/SER/2013/03	

Drawing number

**A9P02 - JAC - HSR -
D_SR070_AC -DR-RD-0001**

Originator: JAC, Volume: HSR, Location: D_SR070_AC, Type: DR-RD, Role: Number: 0001

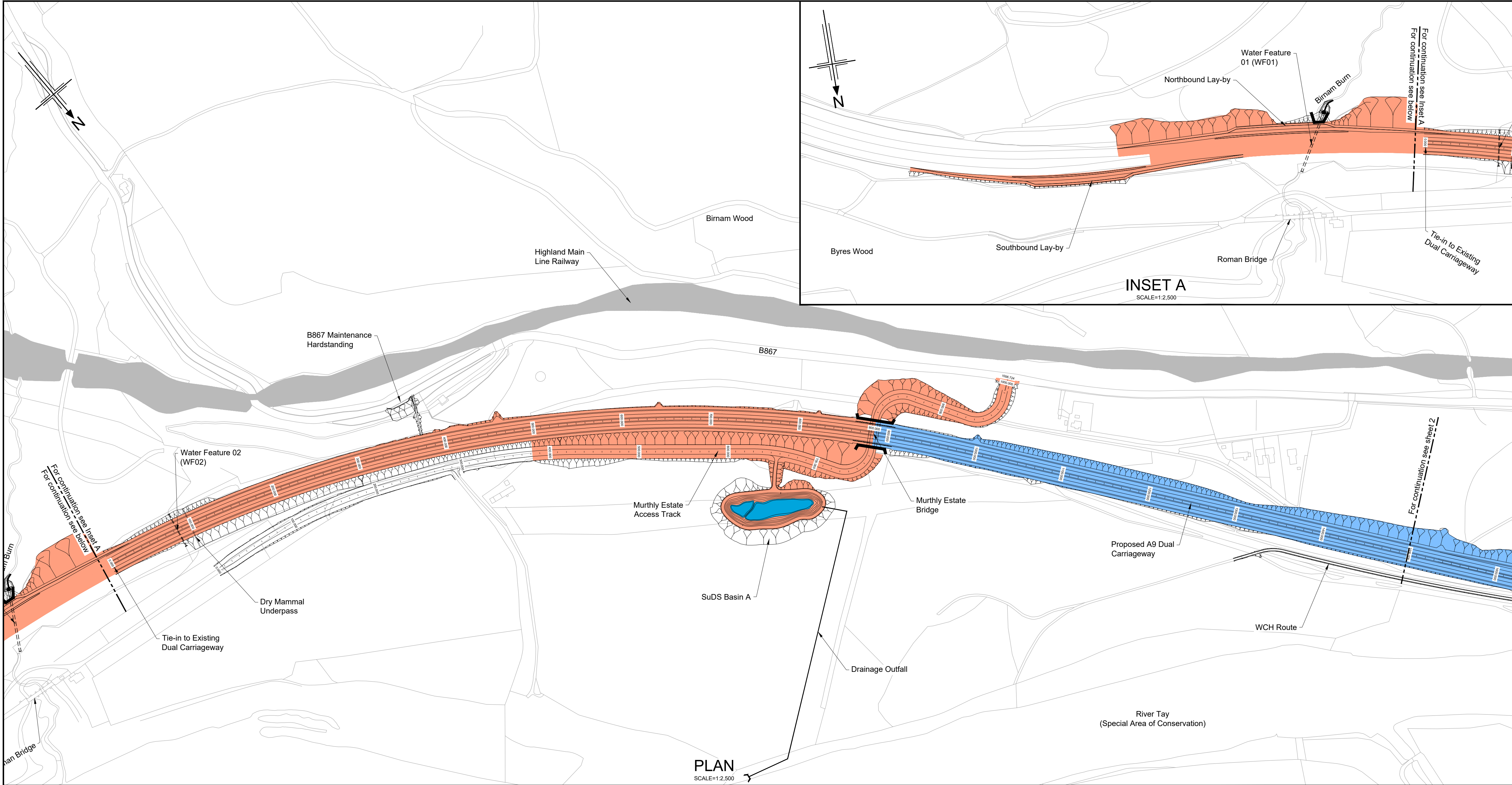
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Inverwood Access Track (South) (Ch. 0 - Ch. 590)
and (North) (Ch. 590 - End)

PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

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Legend:

- Natural Earthwork Slope (1:2 or shallower)
- Reinforced Earthwork Slope (steeper than 1:2)
- Bridge Structure
- Retaining Wall Structure
- Outfall Headwall
- Highland Main Line railway

Catchment Areas:

- Drainage Catchment Run A
- Drainage Catchment Run B1
- Drainage Catchment Run B2
- Drainage Catchment Run C1
- Dunkeld & Birnam Station and Railway Maintenance Access Track
- Drainage Catchment Run C2
- Drainage Catchment Run D
- Drainage Catchment Run E
- Drainage Catchment Run F
- Drainage Catchment Run G
- Drainage Catchment Run H
- Drainage Catchment Run I
- SuDS Feature

P01	25/08/20	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	05/09/24	ISSUED FOR INFORMATION	AW	AP	AB	MP
P03	20/05/25	FOR REVIEW AND COMMENT	AB	RB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	CK	AB	DK	MP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Designer:

Jacobs.

95 Belford St Glasgow, G2 7HQ
Tel: +44(0)141 80 3000 Fax: +44(0)141 221 0100
info@jacobs.com

Client:

TRANSPORT SCOTLAND
COMHAIL ALBA

Project:

A9
DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title:

DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
OUTLINE DRAINAGE CATCHMENT
AREAS, CH. 0 - CH. 1500

Drawing status:

S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE	
Scale	AS SHOWN		
Jacobs No.	B2140002		
Client no.	TS/MTRIPS/SER/2013/03	Rev	P04

Drawing number

P01J

Originator

Volume

A9P02

-

JAC

-

HDG-

Location

Type

Role

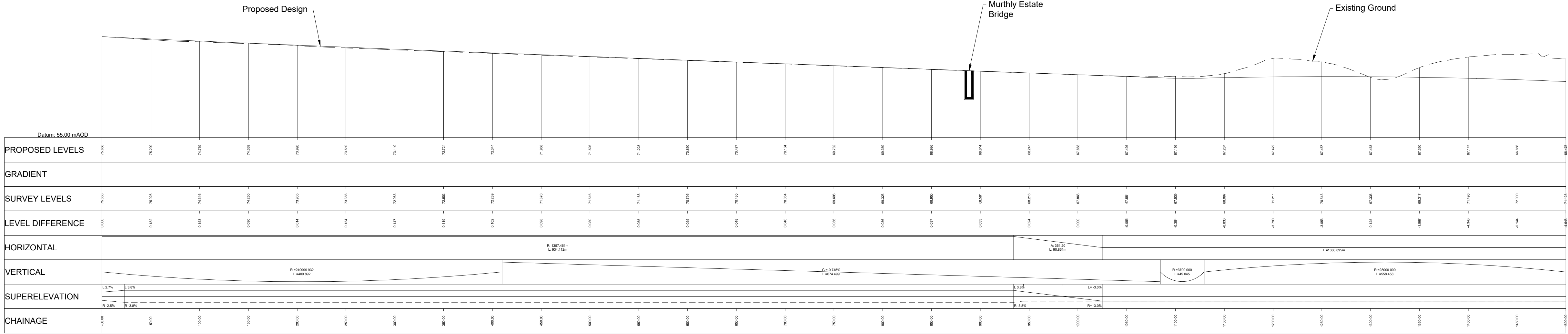
Number

D_ML000_SU

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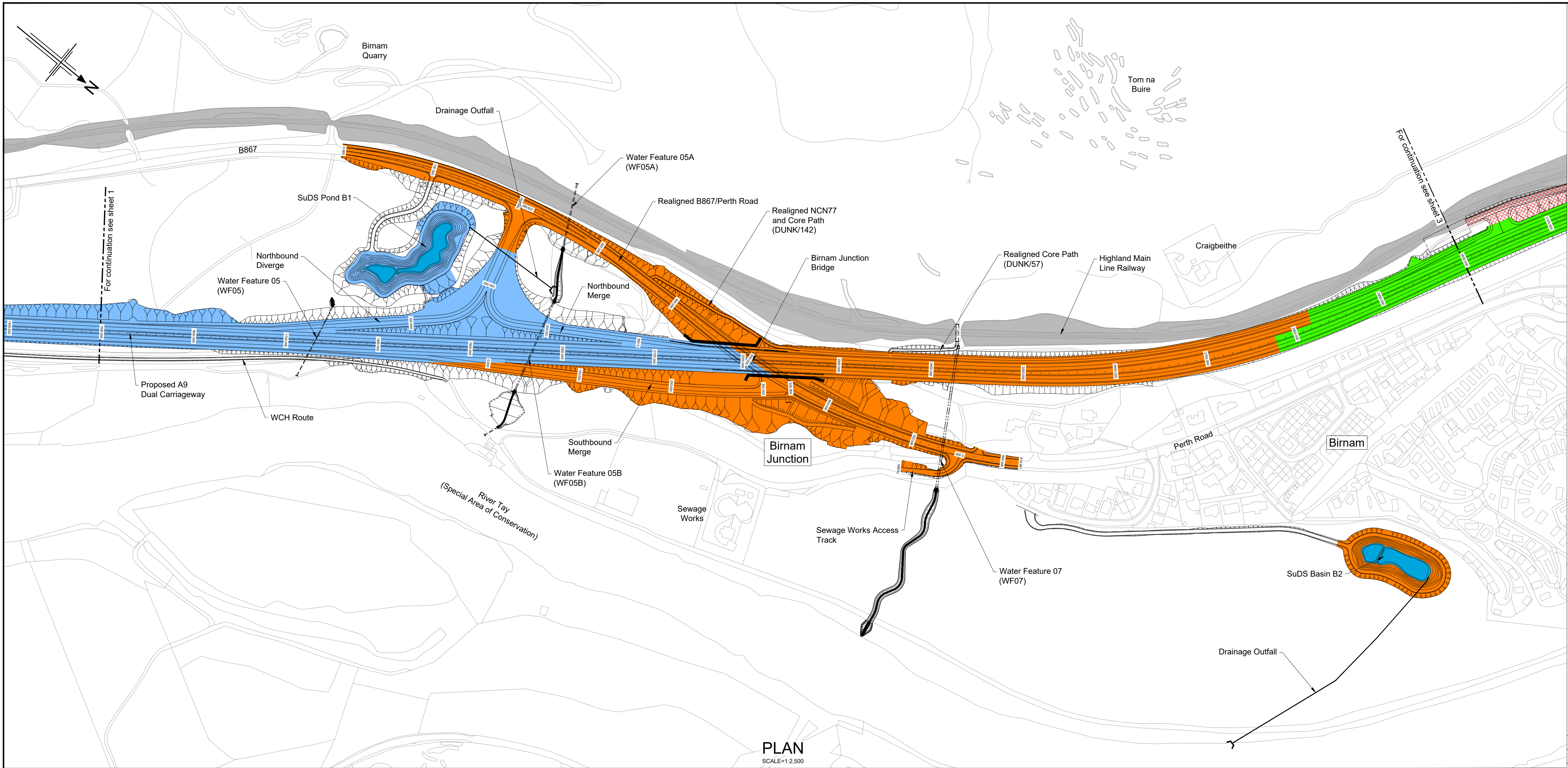
DR-DE-0001

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PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500



- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line railway
- Catchment Areas:
- Drainage Catchment Run A
 - Drainage Catchment Run B1
 - Drainage Catchment Run B2
 - Drainage Catchment Run C1
 - Dunkeld & Birnam Station and Railway Maintenance Access Track
 - Drainage Catchment Run C2
 - Drainage Catchment Run D
 - Drainage Catchment Run E
 - Drainage Catchment Run F
 - Drainage Catchment Run G
 - Drainage Catchment Run H
 - Drainage Catchment Run I
 - SuDS Feature

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	25/08/20	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	05/09/24	ISSUED FOR INFORMATION	AW	AP	AB	MP
P03	20/05/25	FOR REVIEW AND COMMENT	AB	RB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	CK	AB	DK	MP

Designer:

Jacobs.



Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
OUTLINE DRAINAGE CATCHMENT
AREAS, CH. 1500 - CH. 3000**

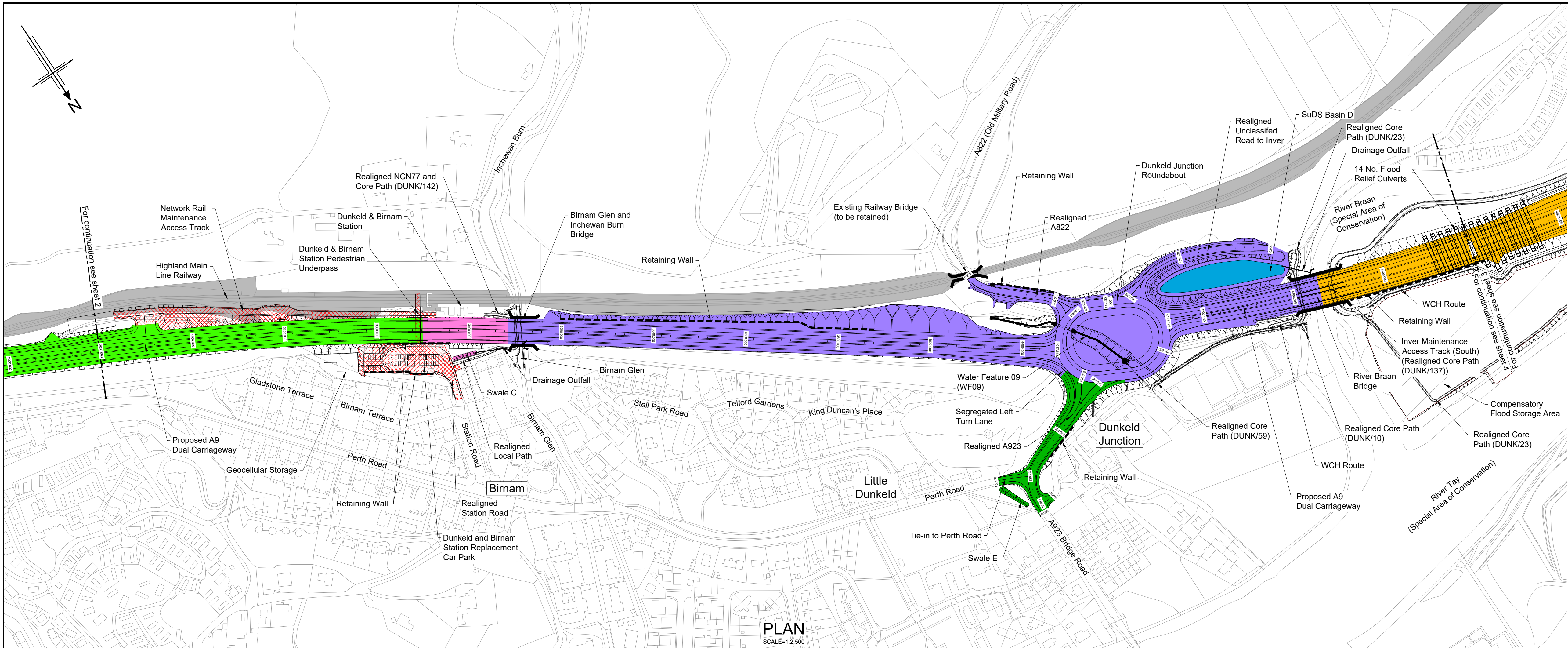
Drawing status
S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P04
Client no.	TS/MTRIPS/SER/2013/03	

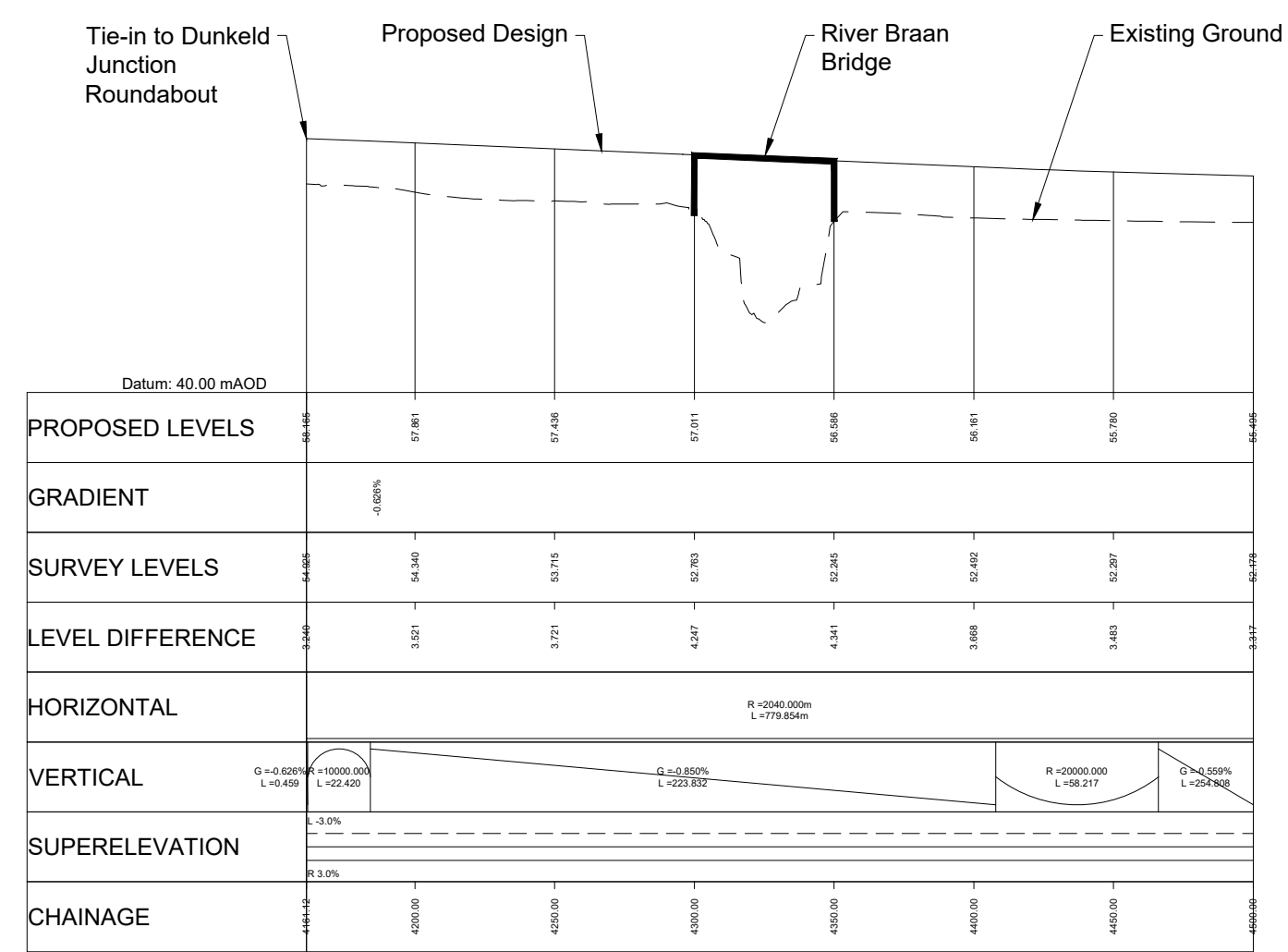
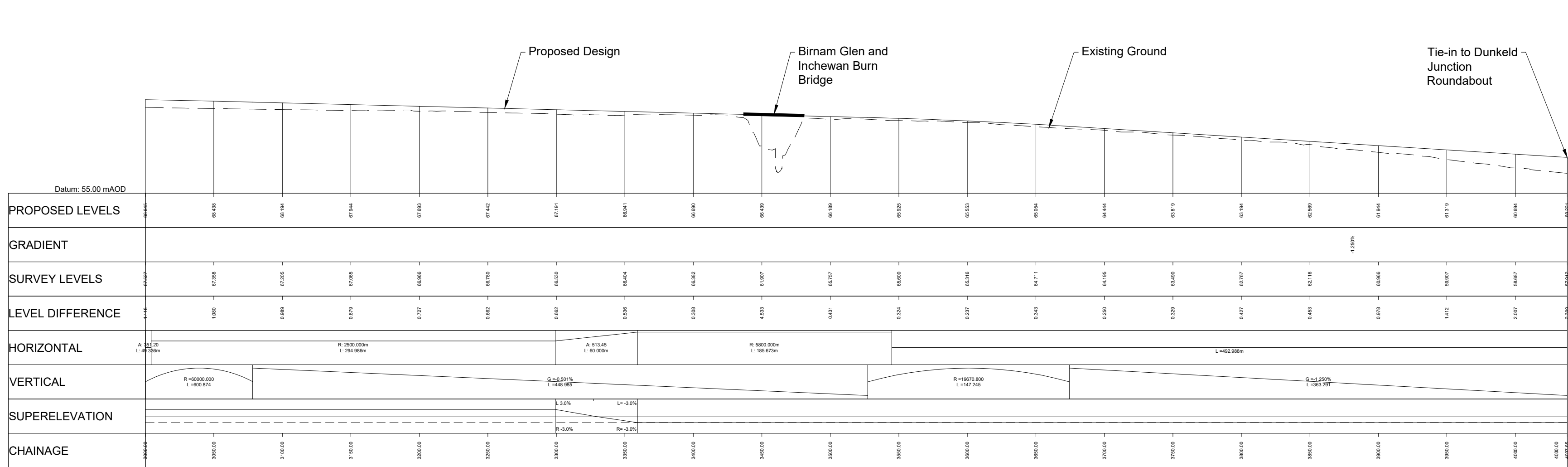
Drawing number
A9P02 - JAC - HDG -
D ML015 SU - DR-DE-0002

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PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500



- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line railway
- Catchment Areas:
- Drainage Catchment Run A
 - Drainage Catchment Run B1
 - Drainage Catchment Run B2
 - Drainage Catchment Run C1
 - Dunkeld & Birnam Station and Railway Maintenance Access Track
 - Drainage Catchment Run C2
 - Drainage Catchment Run D
 - Drainage Catchment Run E
 - Drainage Catchment Run F
 - Drainage Catchment Run G
 - Drainage Catchment Run H
 - Drainage Catchment Run I
 - SuDS Feature



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	25/08/20	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	05/09/24	ISSUED FOR INFORMATION	AW	AP	AB	MP
P03	20/05/25	FOR REVIEW AND COMMENT	AB	RB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	CK	AB	DK	MP

Designer:

Jacobs.

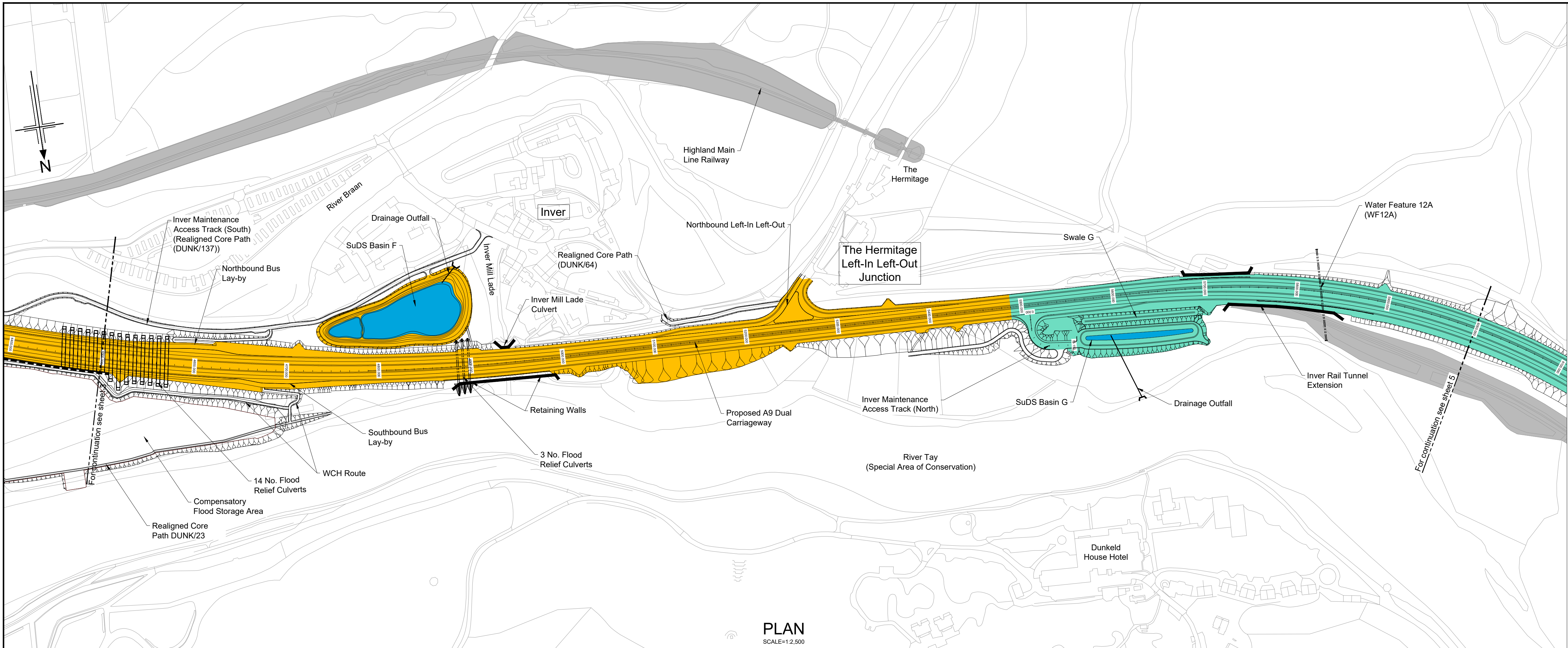


Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
OUTLINE DRAINAGE CATCHMENT
AREAS, CH. 3000 - CH. 4500**

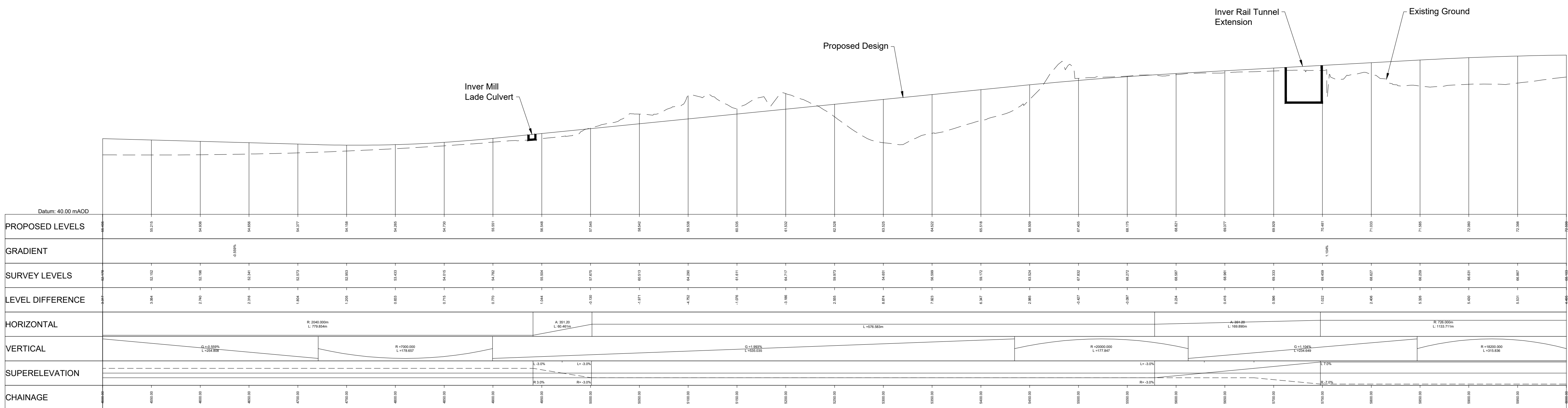
Drawing status
S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P04
Client no.	TS/MTrips/SER/2013/03	

Drawing number
**A9P02 - JAC - HDG-
D_ML030_SU -DR-DE-0003**

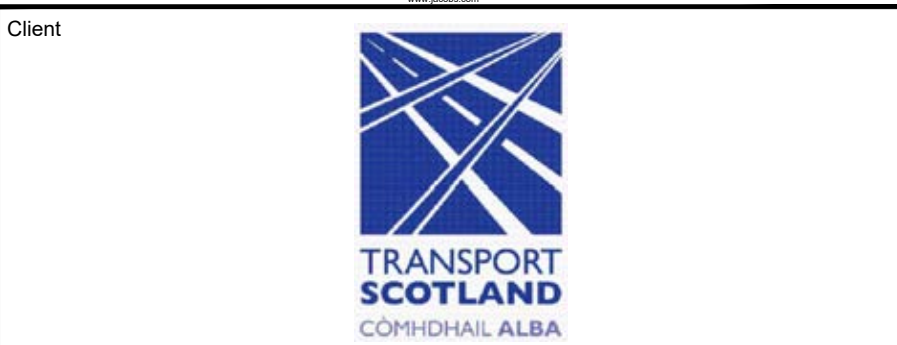


- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line railway
- Catchment Areas:
- Drainage Catchment Run A
 - Drainage Catchment Run B1
 - Drainage Catchment Run B2
 - Drainage Catchment Run C1
 - Dunkeld & Birnam Station and Railway Maintenance Access Track
 - Drainage Catchment Run C2
 - Drainage Catchment Run D
 - Drainage Catchment Run E
 - Drainage Catchment Run F
 - Drainage Catchment Run G
 - Drainage Catchment Run H
 - Drainage Catchment Run I
 - SuDS Feature



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	25/08/20	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	05/09/24	ISSUED FOR INFORMATION	AW	AP	AB	MP
P03	20/05/25	FOR REVIEW AND COMMENT	AB	RB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	CK	AB	DK	MP

Designer: **Jacobs.**

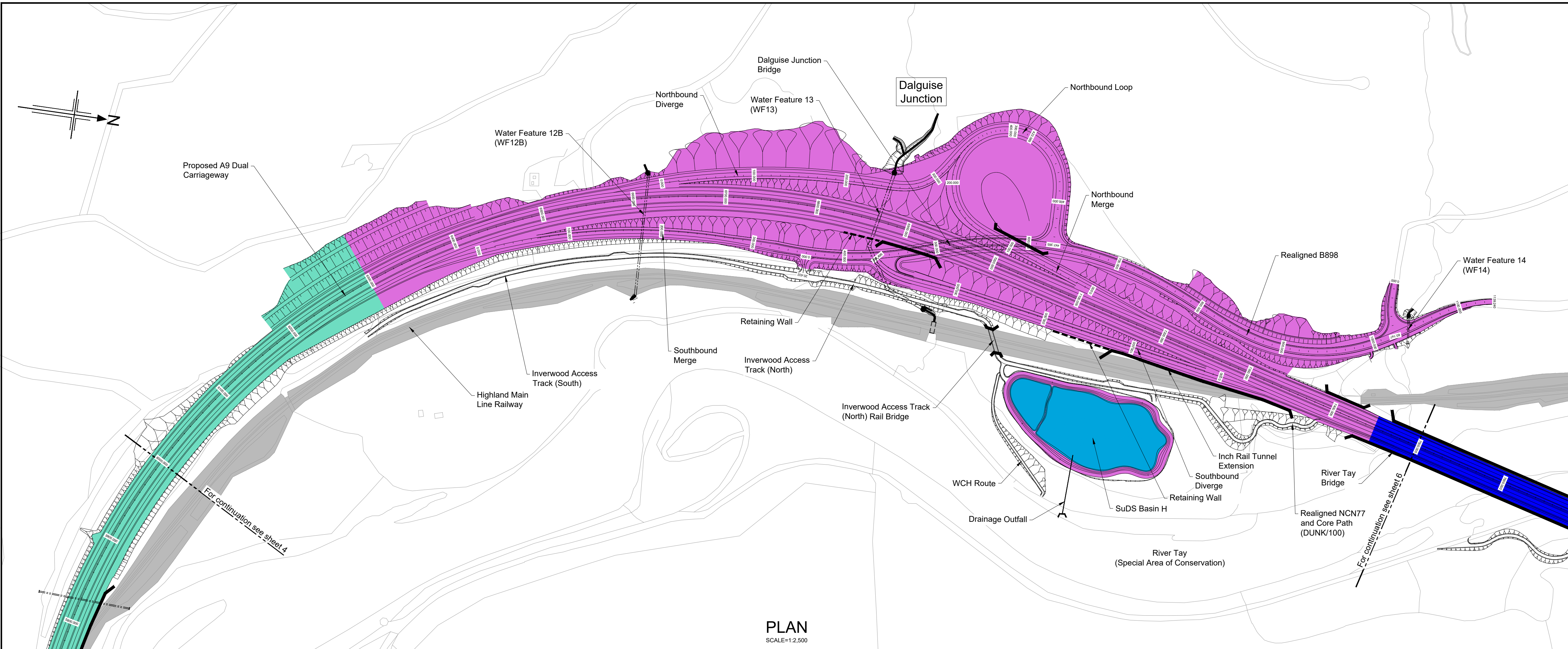


Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
OUTLINE DRAINAGE CATCHMENT
AREAS, CH. 4500 - CH. 6000**

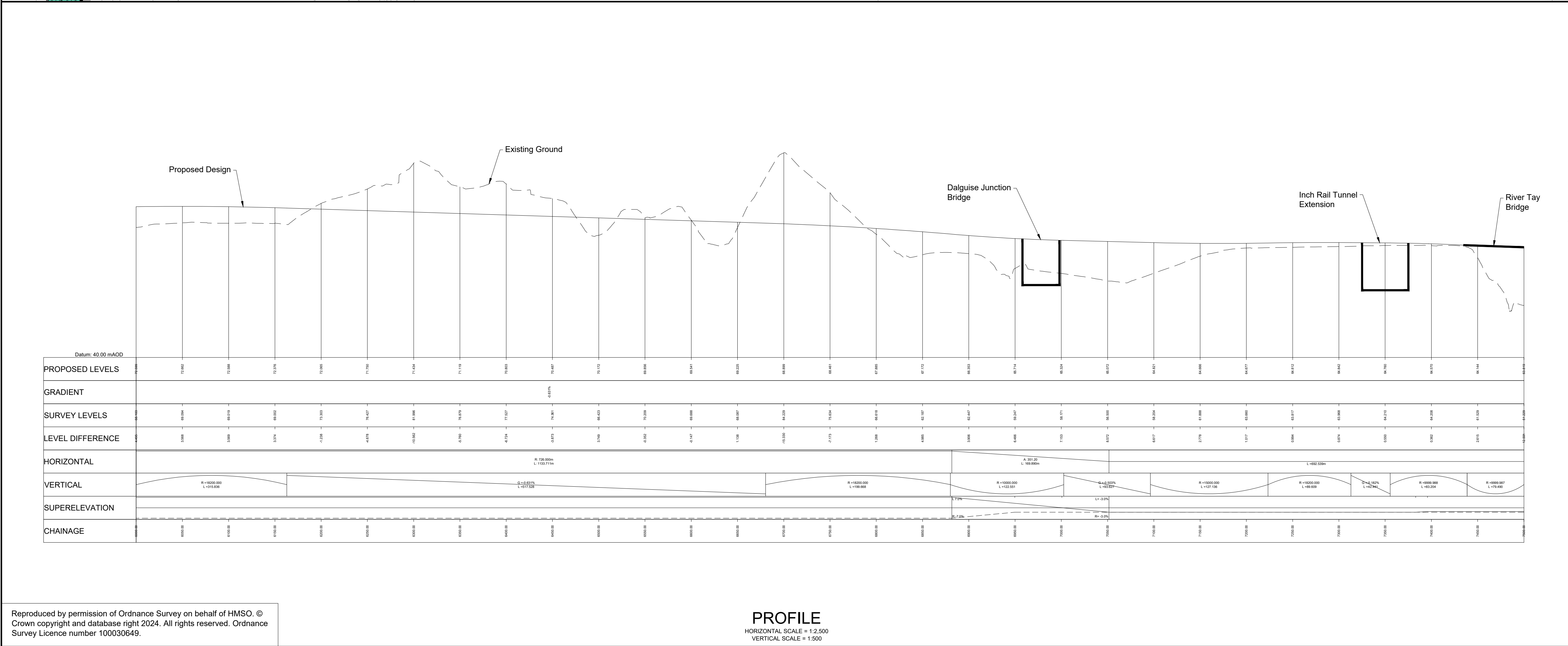
Drawing status
S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P04
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number
A9P02 - JAC - HDG - D_ML045_SU - DR-DE-0004

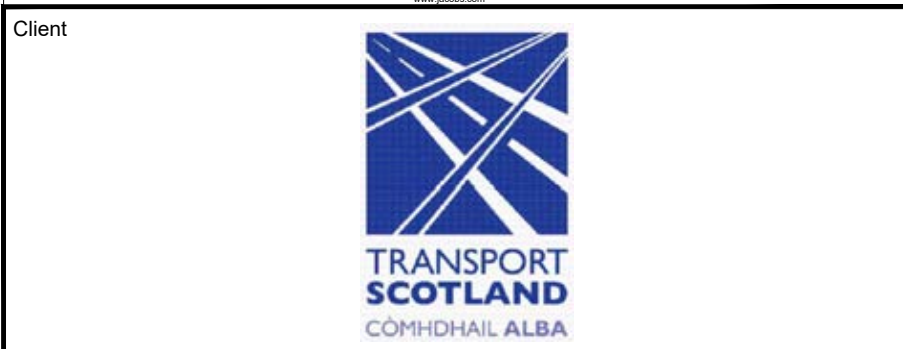


- Legend:
- Natural Earthwork Slope (1:2 or shallower)
 - Reinforced Earthwork Slope (steeper than 1:2)
 - Bridge Structure
 - Retaining Wall Structure
 - Outfall Headwall
 - Highland Main Line railway
- Catchment Areas:
- Drainage Catchment Run A
 - Drainage Catchment Run B1
 - Drainage Catchment Run B2
 - Drainage Catchment Run C1
 - Dunkeld & Birnam Station and Railway Maintenance Access Track
 - Drainage Catchment Run C2
 - Drainage Catchment Run D
 - Drainage Catchment Run E
 - Drainage Catchment Run F
 - Drainage Catchment Run G
 - Drainage Catchment Run H
 - Drainage Catchment Run I
 - SuDS Feature



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	25/08/20	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	05/09/24	ISSUED FOR INFORMATION	AW	AP	AB	MP
P03	20/05/25	FOR REVIEW AND COMMENT	AB	RB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	CK	AB	DK	MP

Designer: **Jacobs.**



Drawing title
**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
OUTLINE DRAINAGE CATCHMENT
AREAS, CH. 6000 - CH. 7500**

Drawing status
S4 - ISSUED FOR STAGE APPROVAL

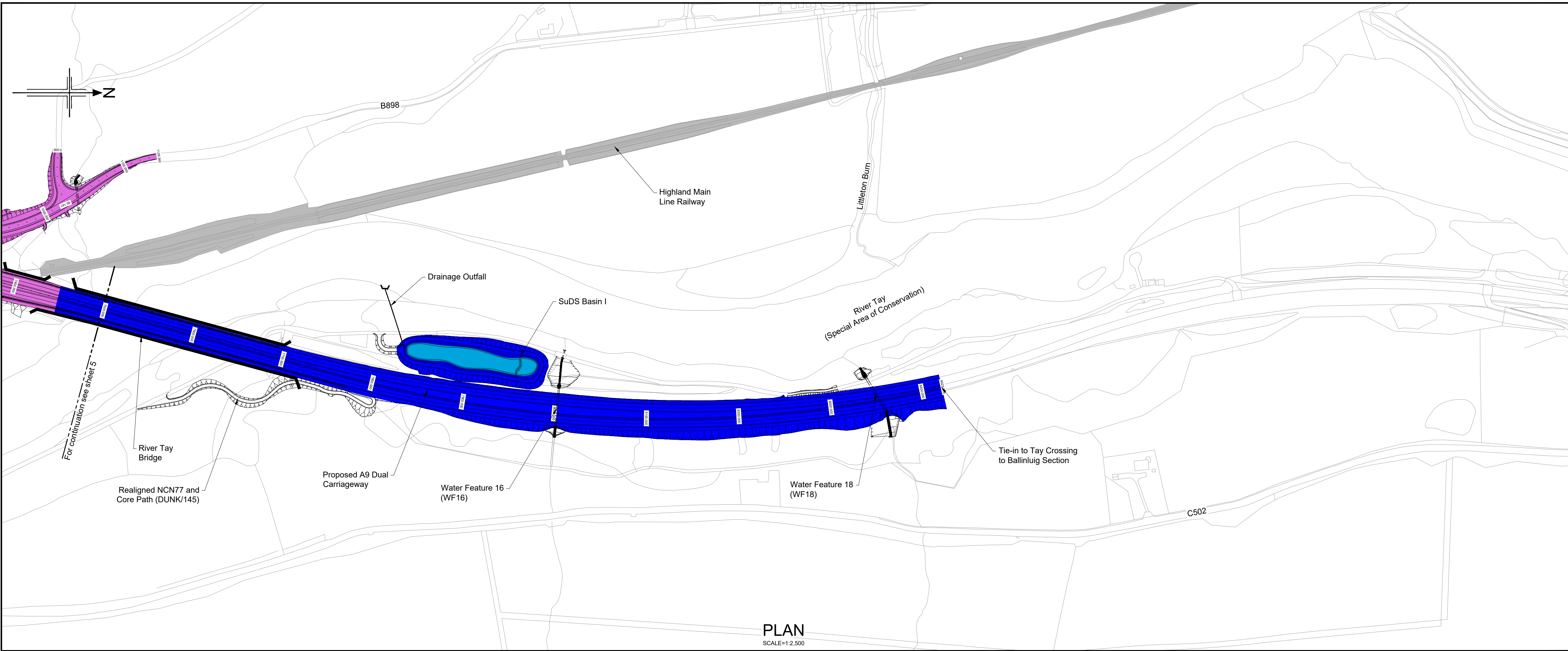
State	Preliminary	DO NOT SCALE
Scale	AS SHOWN	Rev
Jacobs No.	B2140002	P04
Client no.	TS/MTRIPS/SER/2013/03	

Originator	Volume
PHJ	PHJ
A9P02 - JAC	-HDG-
Location	Type
D_ML060_SU	-DR-DE-0005
Role	Number

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PROFILE
HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

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Legend:

- Natural Earthwork Slope (1:2 or shallower)
- Reinforced Earthwork Slope (steeper than 1:2)
- Bridge Structure
- Retaining Wall Structure
- Outfall Headwall
- Highland Main Line railway

Catchment Areas:

- Drainage Catchment Run A
- Drainage Catchment Run B1
- Drainage Catchment Run B2
- Drainage Catchment Run C1
- Dunkeld & Birnam Station and Railway Maintenance Access Track
- Drainage Catchment Run C2
- Drainage Catchment Run D
- Drainage Catchment Run E
- Drainage Catchment Run F
- Drainage Catchment Run G
- Drainage Catchment Run H
- Drainage Catchment Run I
- SuDS Feature

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	25/08/20	ISSUED FOR INFORMATION	SA	LW	AB	AB
P02	05/09/24	ISSUED FOR INFORMATION	AW	AP	AB	MP
P03	20/05/25	FOR REVIEW AND COMMENT	AB	RB	DK	MP
P04	28/05/25	DMRB STAGE 3 REPORT - FINAL	CK	AB	DK	MP

Designer:

Jacobs.

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Tel: +44(0)141 801 8000 Fax: +44(0)141 221 0100
www.jacobs.co.uk

Client

TRANSPORT SCOTLAND
COMHDAIL ALBA

Project

A9 DUALING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
OUTLINE DRAINAGE CATCHMENT
AREAS, CH. 7500 - END

Drawing status

S4 - ISSUED FOR STAGE APPROVAL

State	Preliminary	DO NOT SCALE	
Scale	AS SHOWN		
Jacobs No.	B2140002		
Client no.	TS/MTRIPS/SER/2013/03	Rev	P04

Drawing number

A9P02 - JAC - HDG - D ML075_SU -DR-DE-0006

Originator

JAC

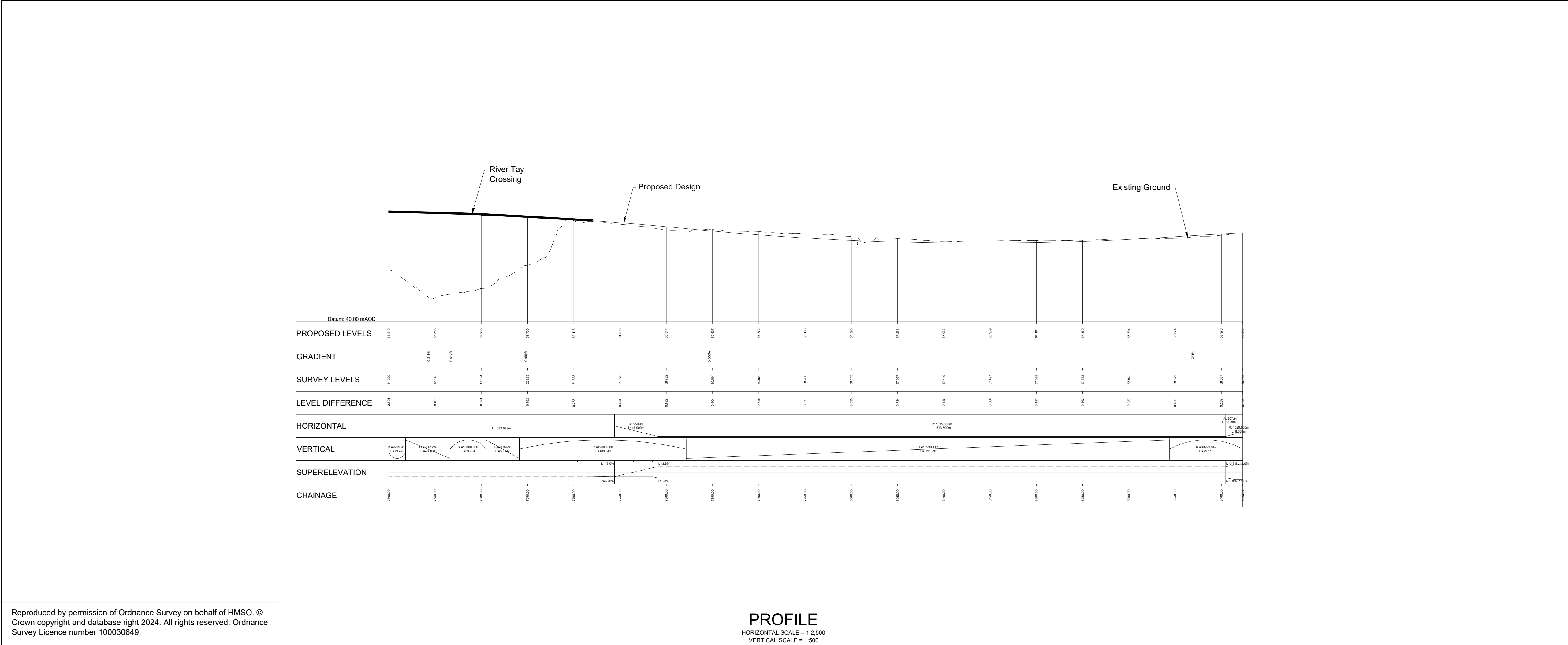
Volume

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Type

Role

Number

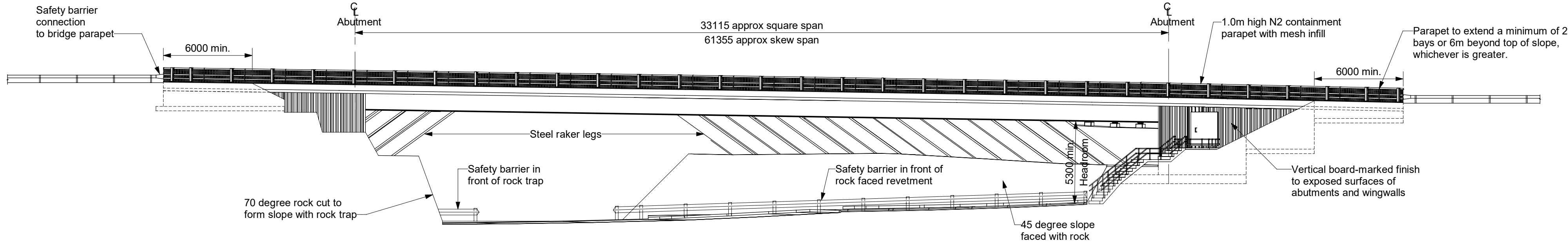


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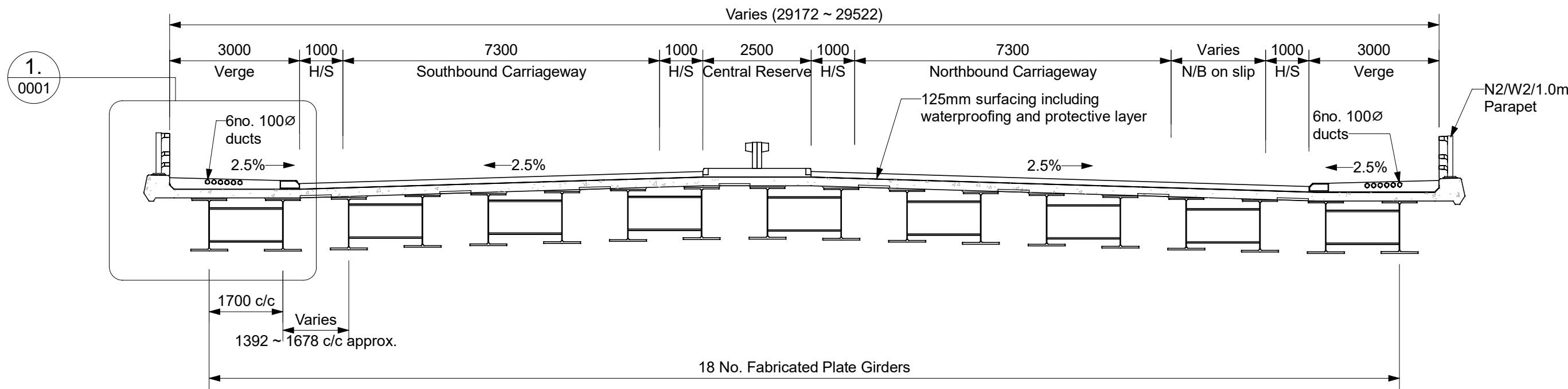
PROFILE

HORIZONTAL SCALE = 1:2,500
VERTICAL SCALE = 1:500

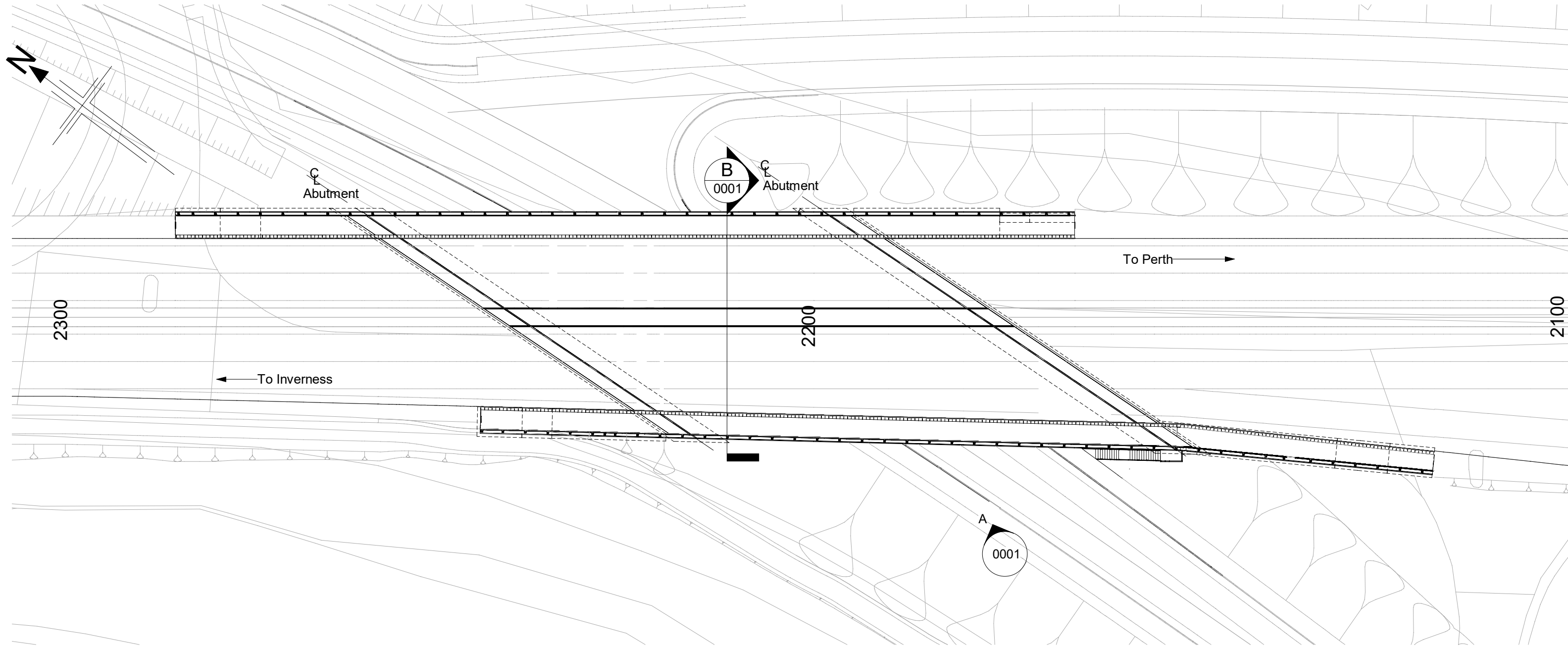
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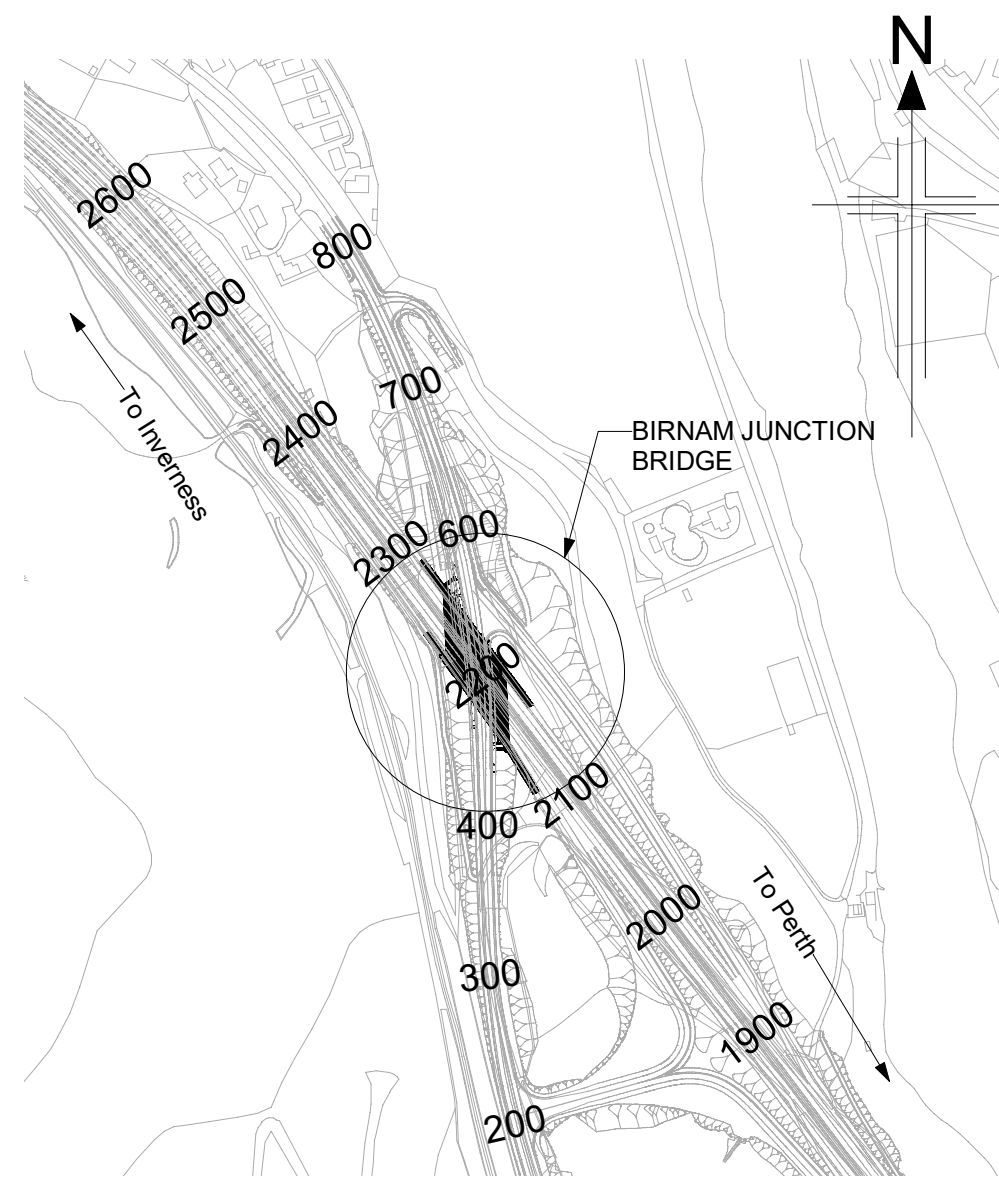
ELEVATION A
(Scale 1 : 200)



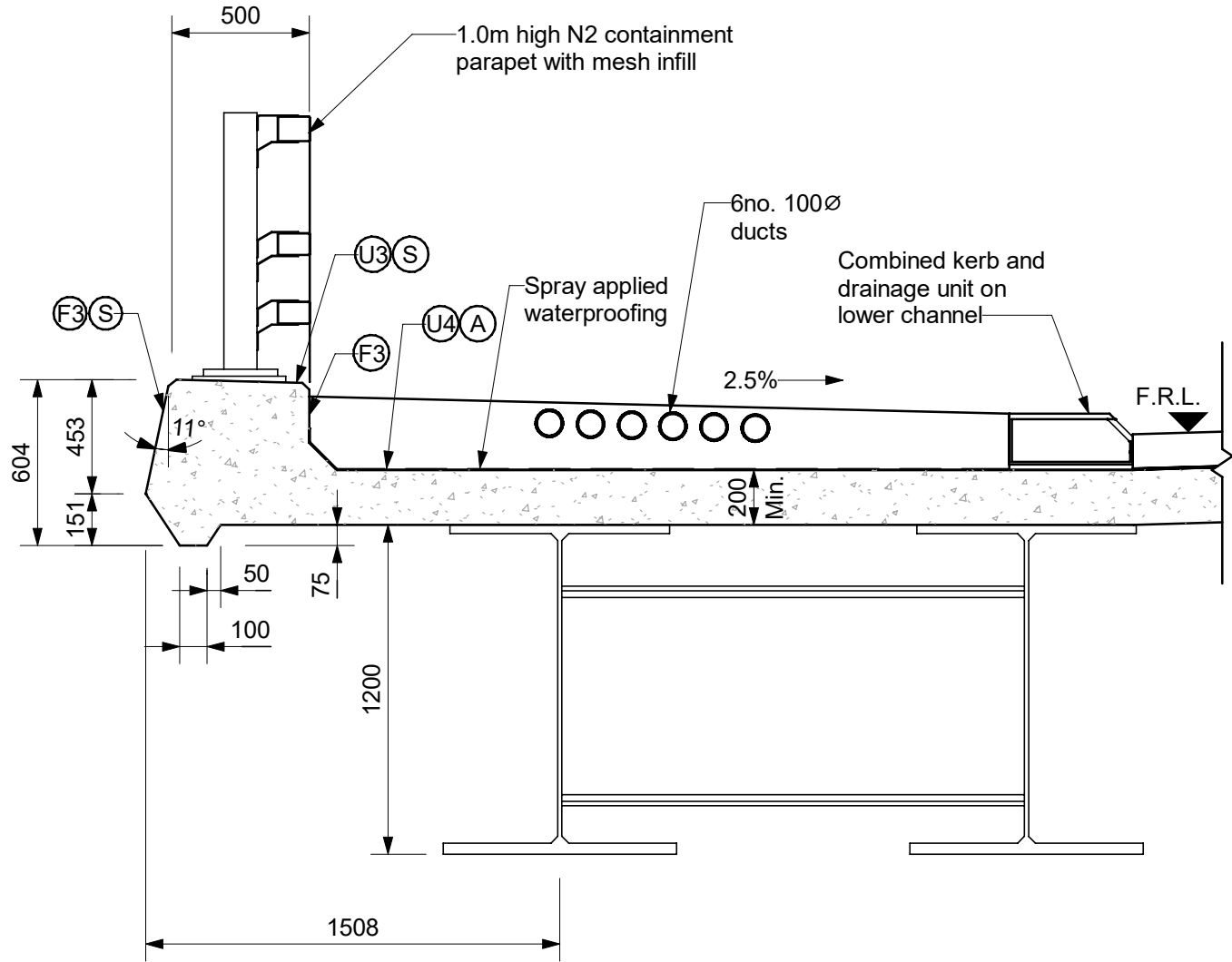
SECTION B
(Scale 1 : 100)



PLAN
(Scale 1 : 500)



LOCATION PLAN
(Scale 1 : 5000)



DETAIL 1
(Scale 1 : 25)

- NOTES:**
1. All dimensions are in millimetres unless noted otherwise.
 2. All levels are in metres Above Ordnance Datum.
 3. All chainages are in metres.
 4. All exposed arrises to have 25x25 chamfers unless noted otherwise.
 5. All details shown on this drawing are indicative only and subject to development.
 6. Concrete finishes denoted thus:
Ⓔ Formed
Ⓕ Unformed
 7. Concrete protection to be as follows:
Ⓔ Surface impregnation in accordance with Client's requirements.
Ⓔ Spray applied waterproofing in accordance with Cl. 2003 of the Specification.
Ⓔ Waterproofing of all buried concrete surfaces in accordance with Cl. 2004 of the Specification.

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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:	
CONSTRUCTION <ul style="list-style-type: none">- Service survey required before commencing Works.- Temporary works to be provided to ensure full support during beam installation and in temporary situations.- Potential presence of ground gas to be considered during excavation.- Potential presence of soil/groundwater contamination to be considered during excavation.	
MAINTENANCE / CLEANING <ul style="list-style-type: none">- Service survey required before commencing Works.	
DECOMMISSIONING / DEMOLITION <ul style="list-style-type: none">- Service survey required before commencing Works.	
It is assumed that all works will be carried out by a competent Contractor working, where appropriate, to an approved method statement	

P01	29/05/25	DMRB STAGE 3 REPORT - FINAL	PS	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chk'd	Rev'd	Apr'd

Jacobs

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www.jacobs.com

Client



Project

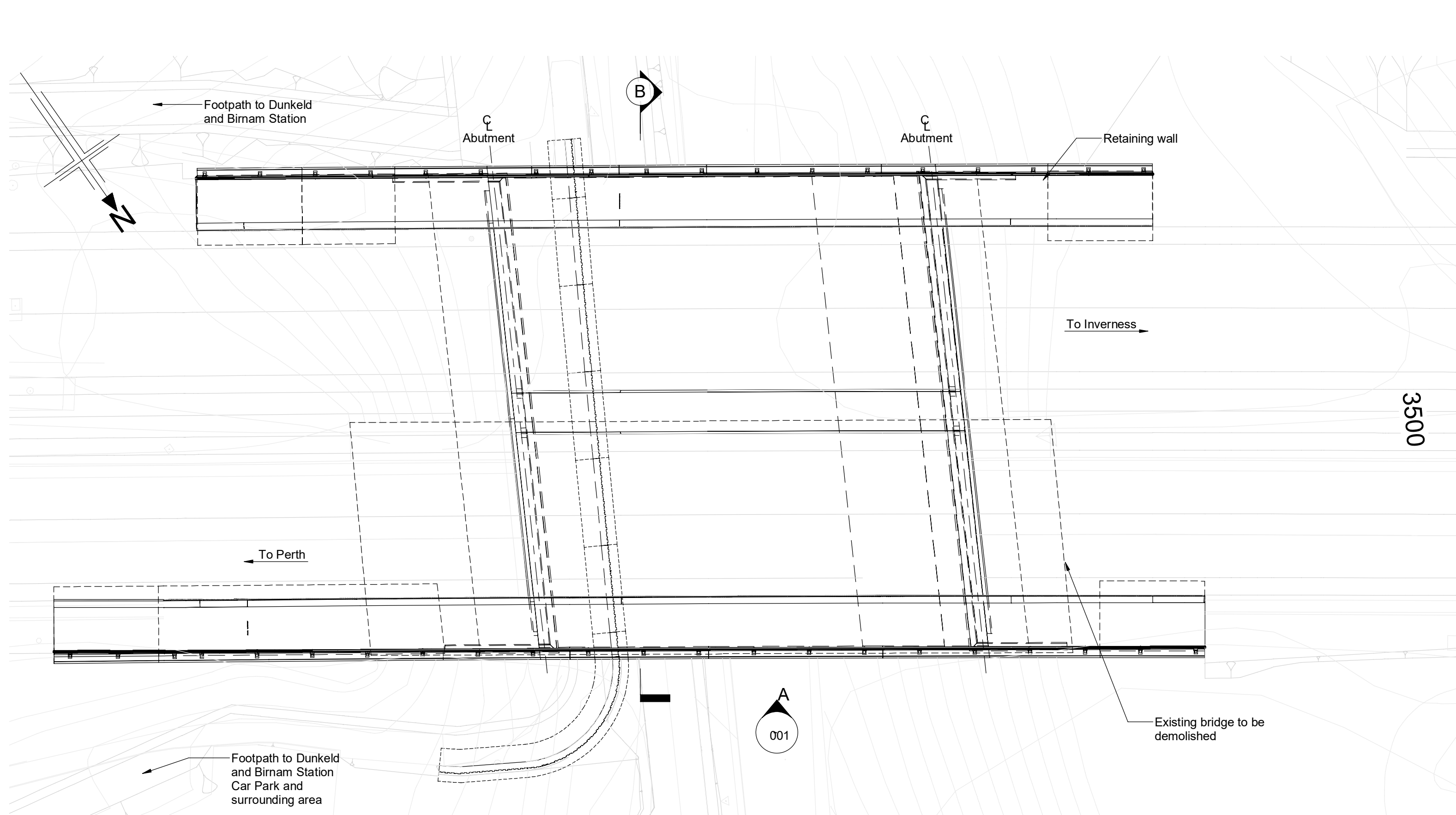


Drawing title

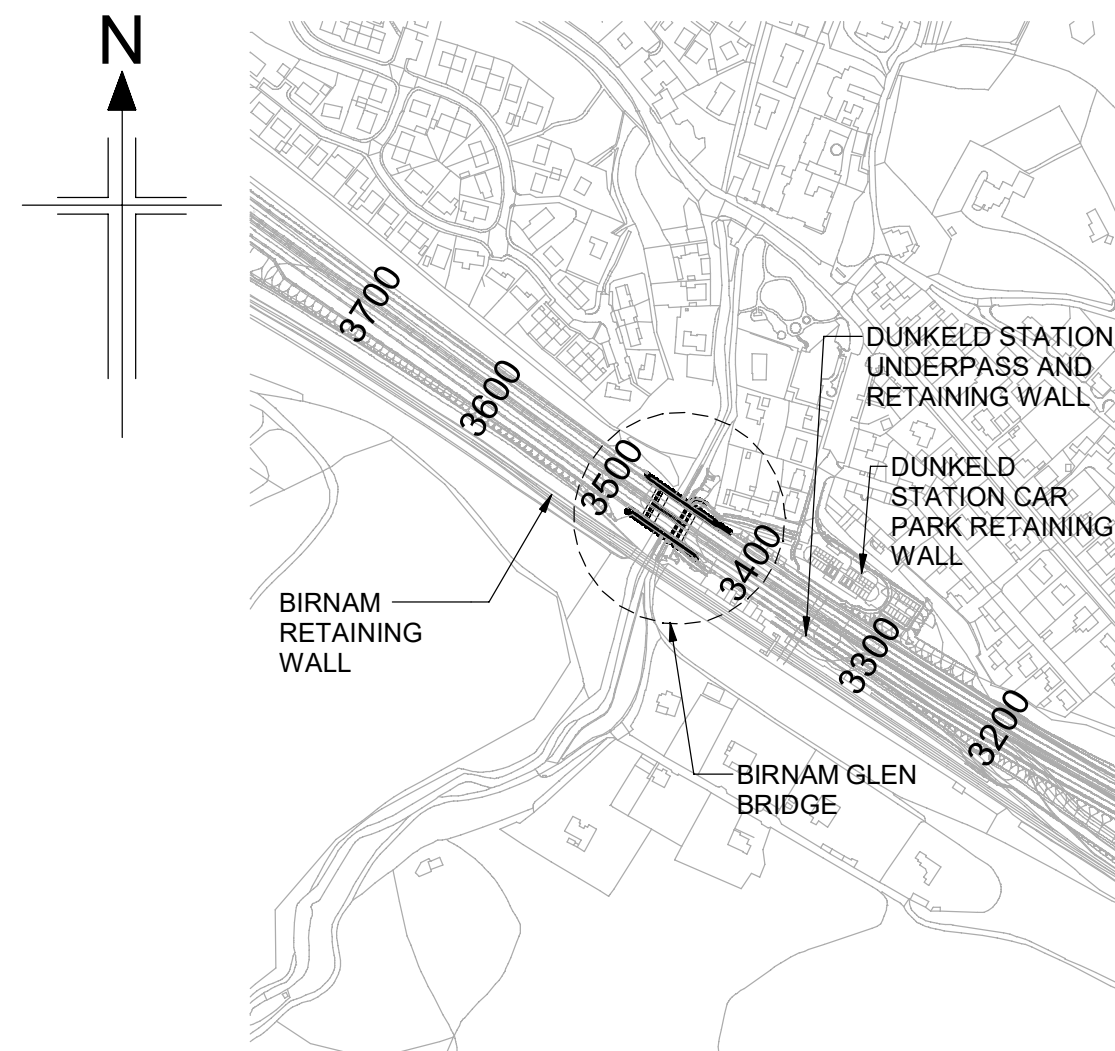
**PASS OF BIRNAM TO TAY CROSSING
BIRNAM JUNCTION BRIDGE
GENERAL ARRANGEMENT**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Design Stage	DMRB STAGE 3		
Drawing Date	29/05/25		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_ML022_ST-DR-ST-0001		Rev
			P01

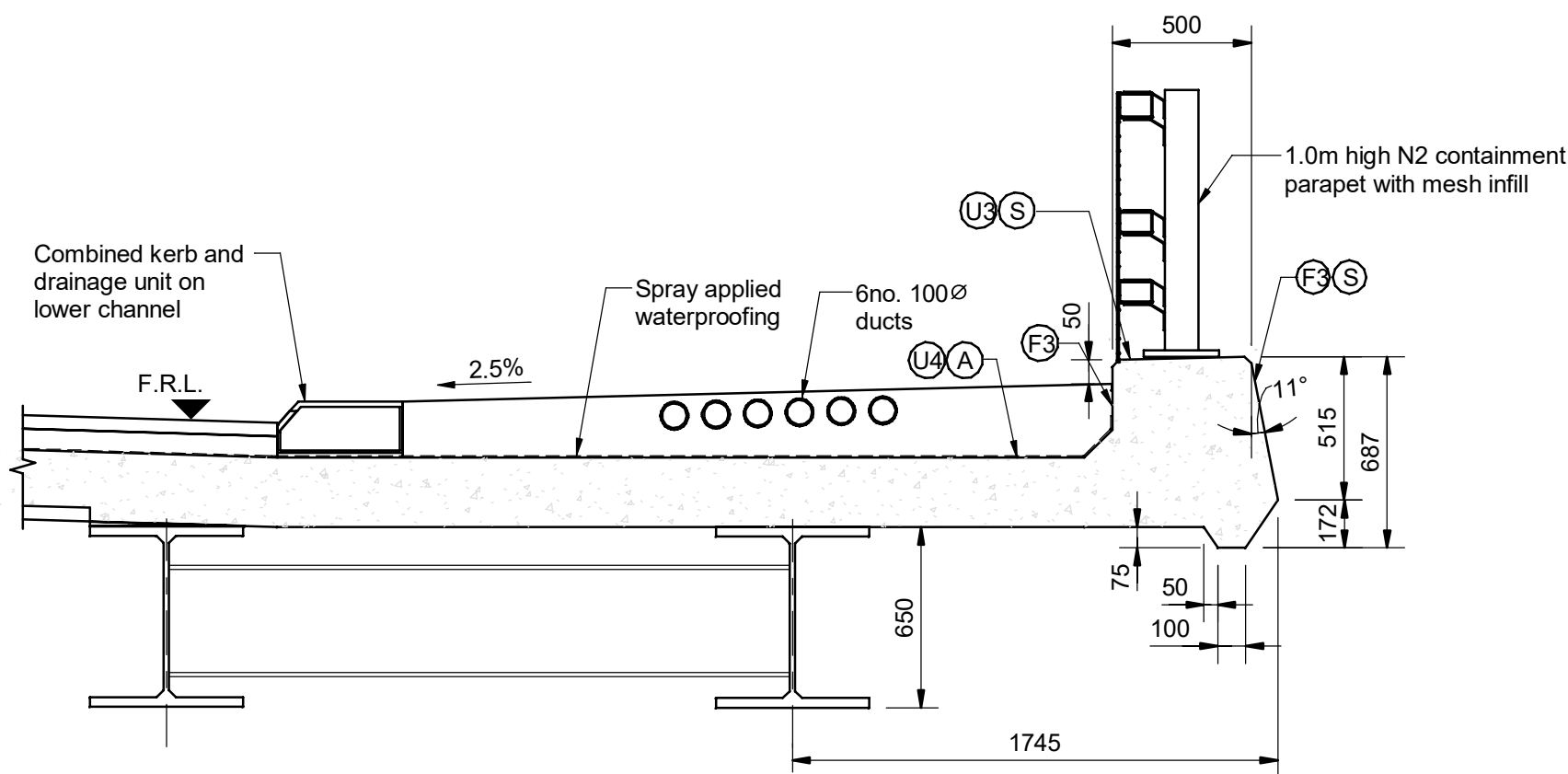
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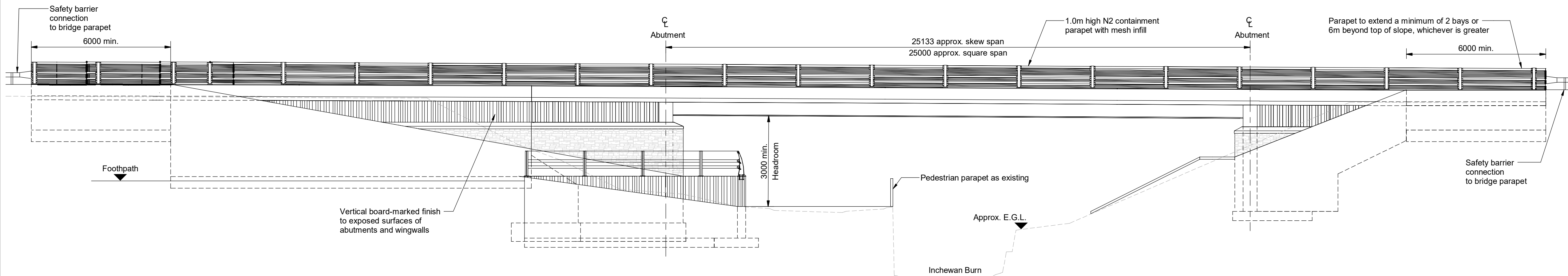
PLAN
(Scale 1 : 200)



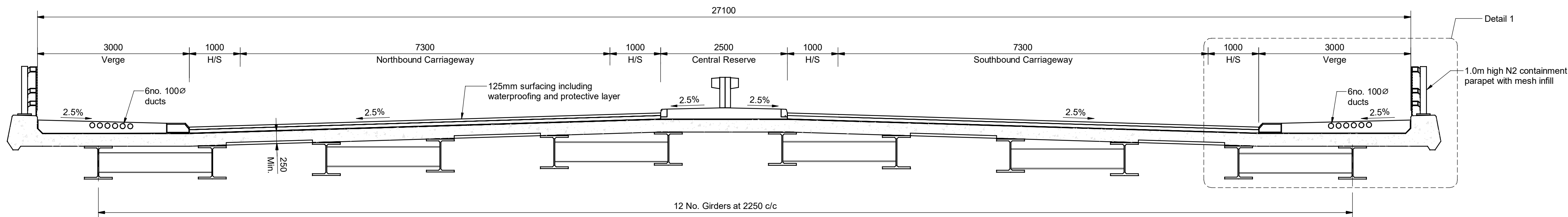
LOCATION PLAN
(Scale 1 : 5000)



DETAIL 1
(Scale 1 : 25)



ELEVATION A
(Scale 1 : 100)



SECTION B
(Scale 1 : 50)

- NOTES:
- All dimensions are in millimetres unless noted otherwise.
 - All levels are in metres Above Ordnance Datum.
 - All chainages are in metres.
 - All exposed arrises to have 25x25 chamfers unless noted otherwise.
 - All details shown on this drawing are indicative only and subject to development.
 - Concrete finishes denoted thus:
 - Formed
 - Unformed
 - Concrete protection to be as follows:
 - Surface impregnation in accordance with Client's requirements.
 - Spray applied waterproofing in accordance with Cl. 2003 of the Specification.
 - Waterproofing of all buried concrete surfaces in accordance with Cl. 2004 of the Specification.

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 :
CONSTRUCTION <ul style="list-style-type: none">Potential presence in existing structure of harmful substances (including asbestos) that can cause damage to health.Existing structure may not be accurately represented by record drawings.Position of the existing structure may not be as shown.Condition of existing structure may not be as anticipated.Nature and position of the existing structure foundations to be verified by investigation before construction. Stability of the existing structure in temporary situations to be verified.Structure stability to be checked during break-out / demolition of the existing structure.Service survey required before commencing Works.Temporary works to be provided to ensure full support during beam installation and in temporary situations.Potential presence of ground gas to be considered during excavation.Potential presence of soil/groundwater contamination to be considered during excavation.Risk of inundation of site due to flood waters.
MAINTENANCE / CLEANING <ul style="list-style-type: none">Service survey required before commencing Works.
DECOMMISSIONING / DEMOLITION <ul style="list-style-type: none">Service survey required before commencing Works.
It is assumed that all works will be carried out by a competent Contractor working, where appropriate, to an approved method statement

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P01	29/05/25	DMRB STAGE 3 REPORT - FINAL	PS	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chk'd	Rev'd	App'd

Jacobs

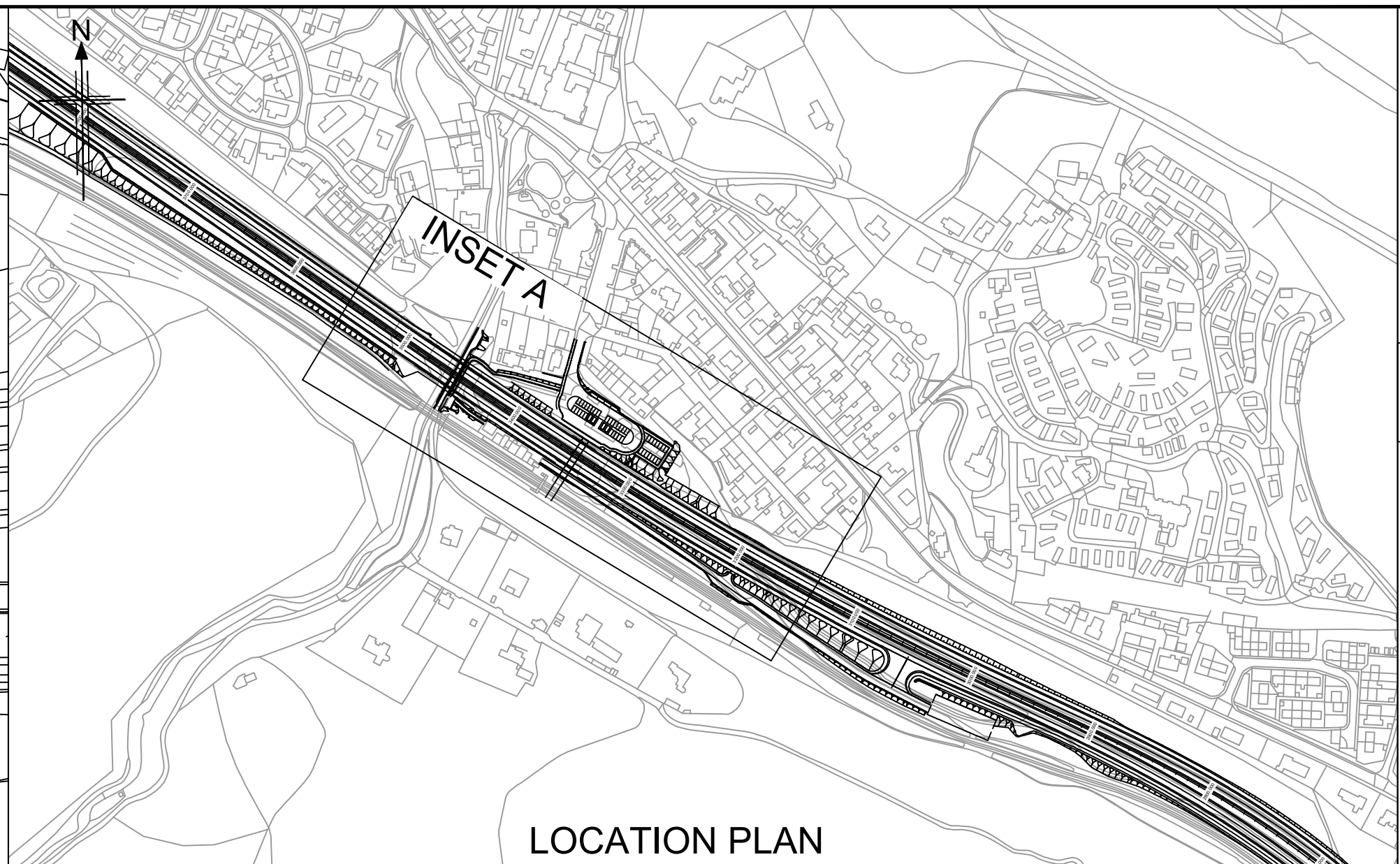
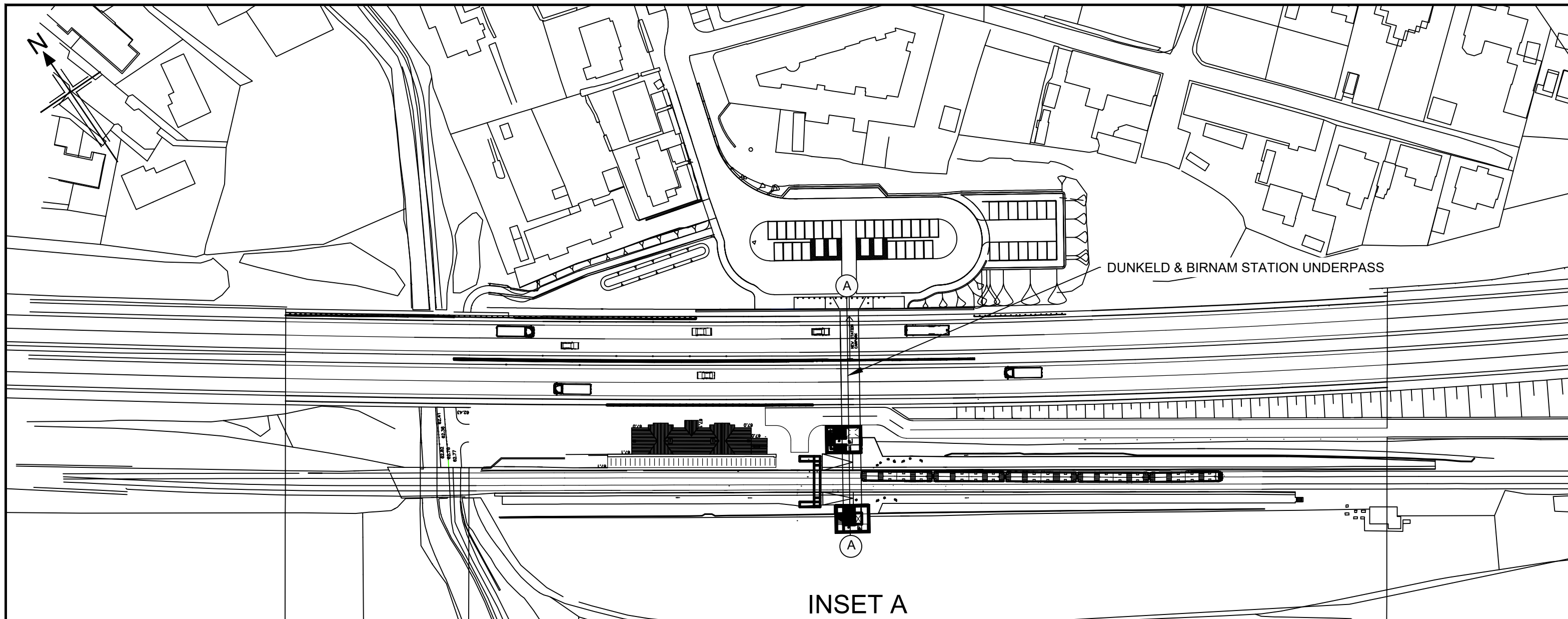
95 Bothwell St, Glasgow, G2 7HX
Tel: +44(0)141 243 8000 Fax: +44(0)141 226 3109
www.jacobs.com



PASS OF BIRNAM TO TAY CROSSING
BIRNAM GLEN BRIDGE
GENERAL ARRANGEMENT

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Design Stage	DMRB STAGE 3		
Drawing Date	29/05/25		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_ML034_ST-DR-ST-0001		Rev
P01			

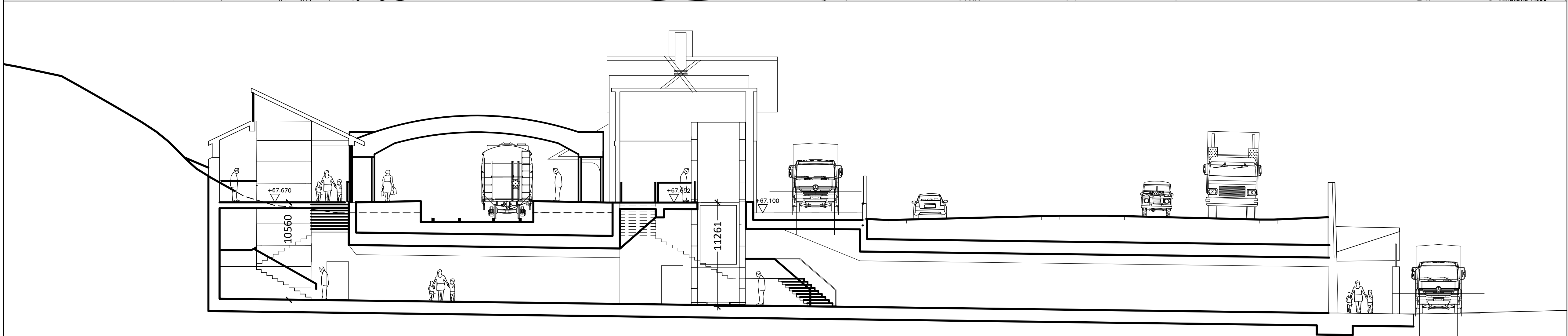
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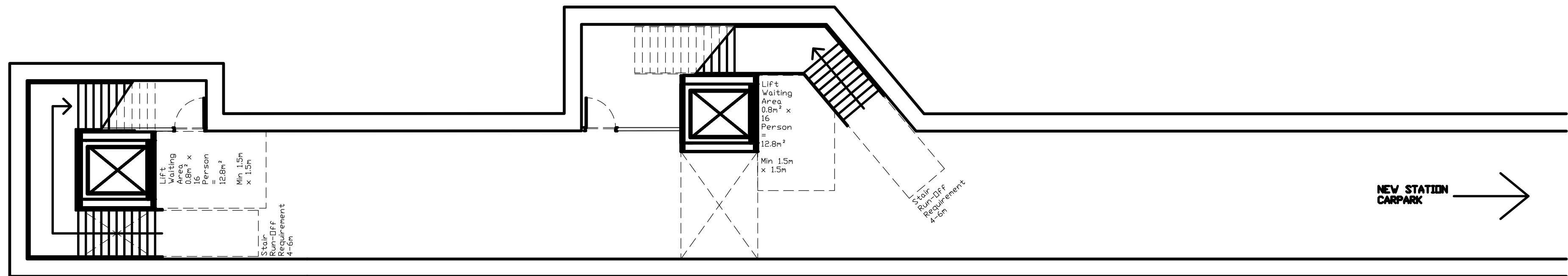
- Notes:
- All dimensions are in millimetres unless noted otherwise.
 - All levels are in metres Above Ordnance Datum.
 - All chainages are in metres.
 - All exposed arrises to have 25x25 chamfers unless noted otherwise.
 - All details shown on this drawing are indicative only and subject to development.

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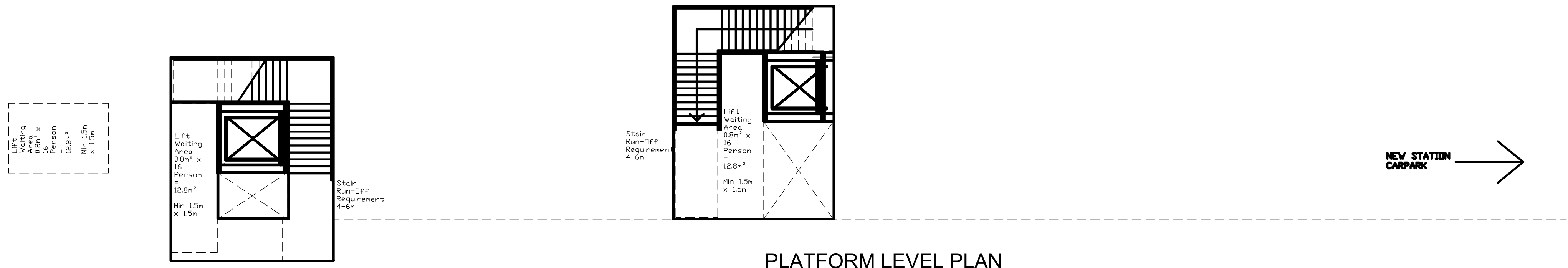
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following :
CONSTRUCTION <ul style="list-style-type: none">- Service survey required before commencing Works.- Potential presence of soil/groundwater contamination and ground gas to be considered during excavation.- Stability of existing railway footbridge and station buildings to be monitored
MAINTENANCE / CLEANING <ul style="list-style-type: none">- Service survey required before commencing Works.
DECOMMISSIONING / DEMOLITION <ul style="list-style-type: none">- Service survey required before commencing Works.
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement



SECTION A-A



UNDERPASS PLAN



PLATFORM LEVEL PLAN

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P01.1	29/05/25	ISSUED FOR STAGE 3 REPORT	CK	MM	AB	MP			
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd			

Designer:
Jacobs.
95 Belmont St, Glasgow, G2 7HQ
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www.jacobs.com



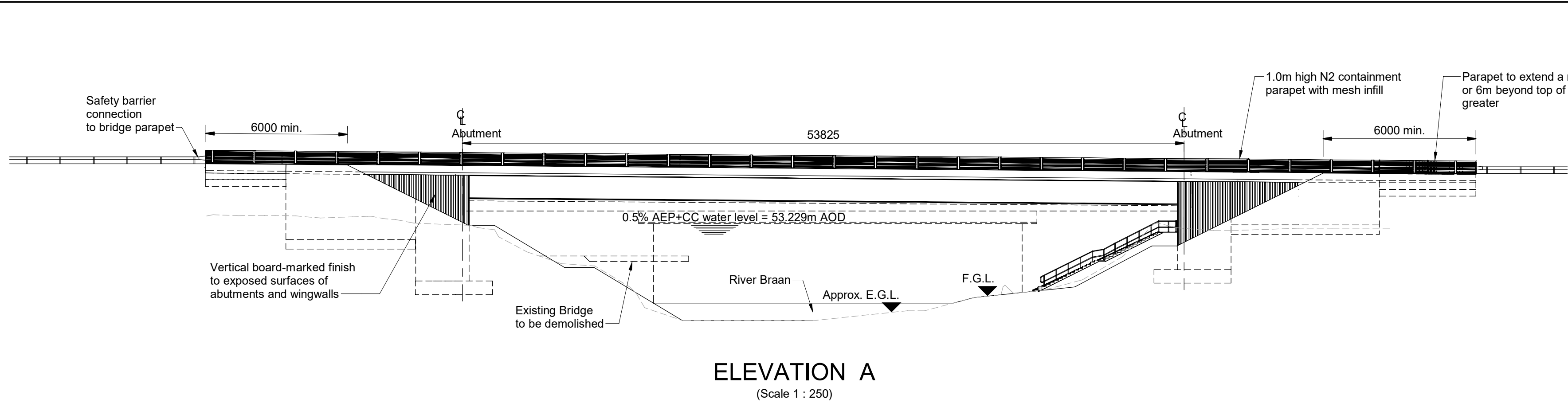
Drawing title
**DMRB STAGE 3
DUNKELD & BIRNAM STATION
UNDERPASS
GENERAL ARRANGEMENT**

Drawing status
S4 ISSUED FOR STAGE APPROVAL

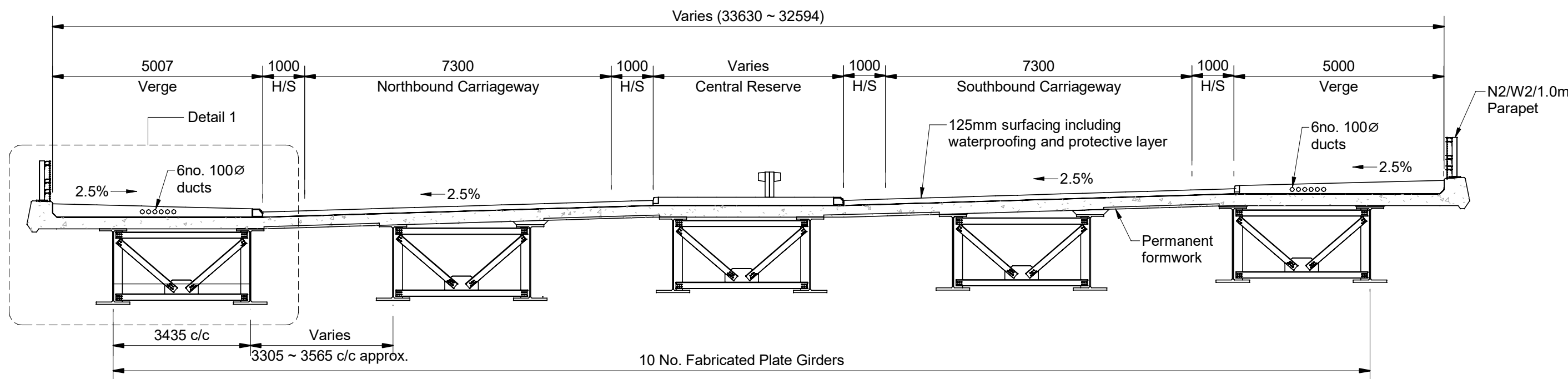
State		DO NOT SCALE
Scale	NTS	
Jacobs No.	B2140002	Rev P01
Client no.	TS/MTRIPS/SER/2013/03	

Drawing number
A9P02 - JAC - SBR - D_ML033_ST -DR-CI-0001

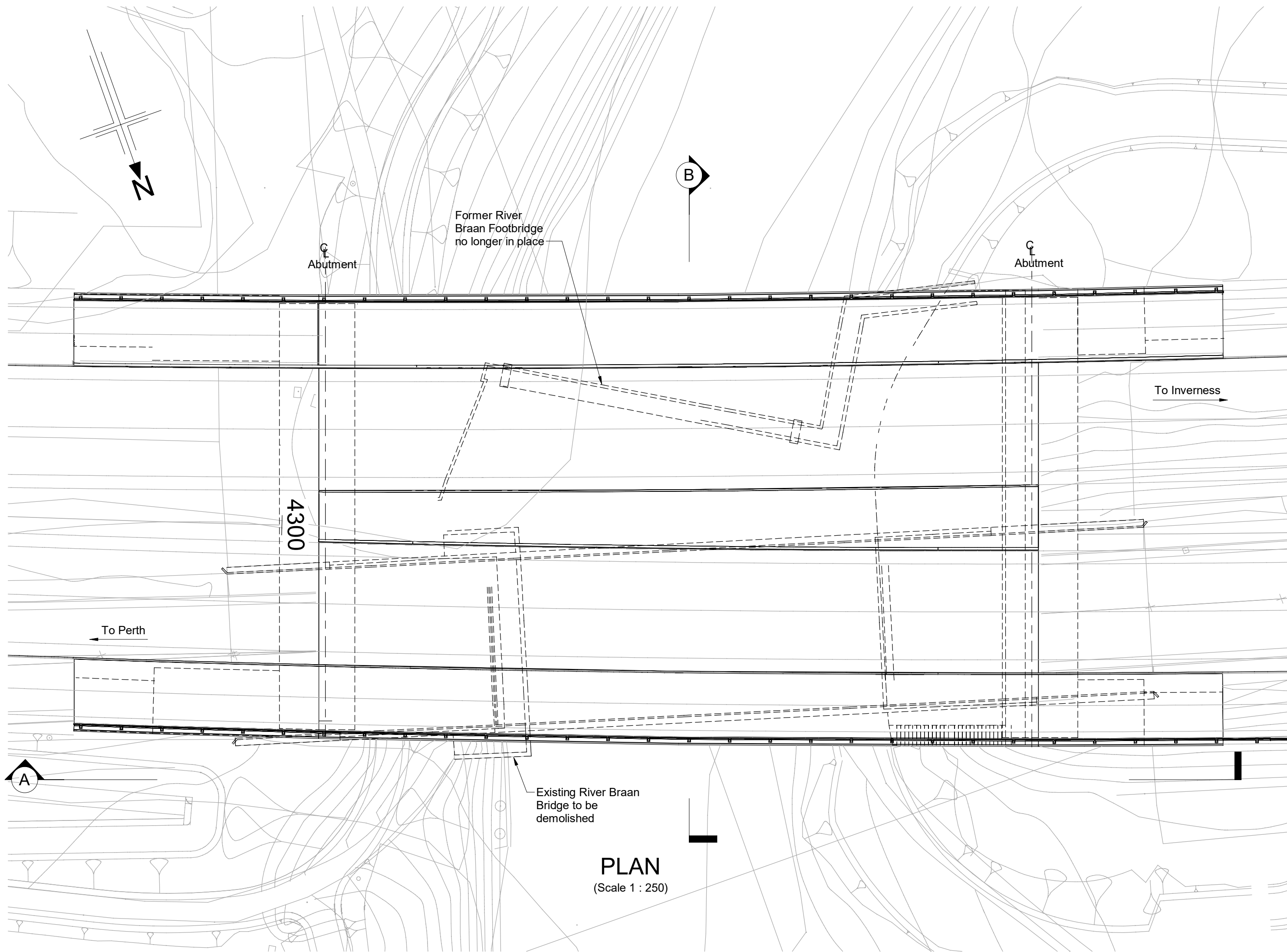
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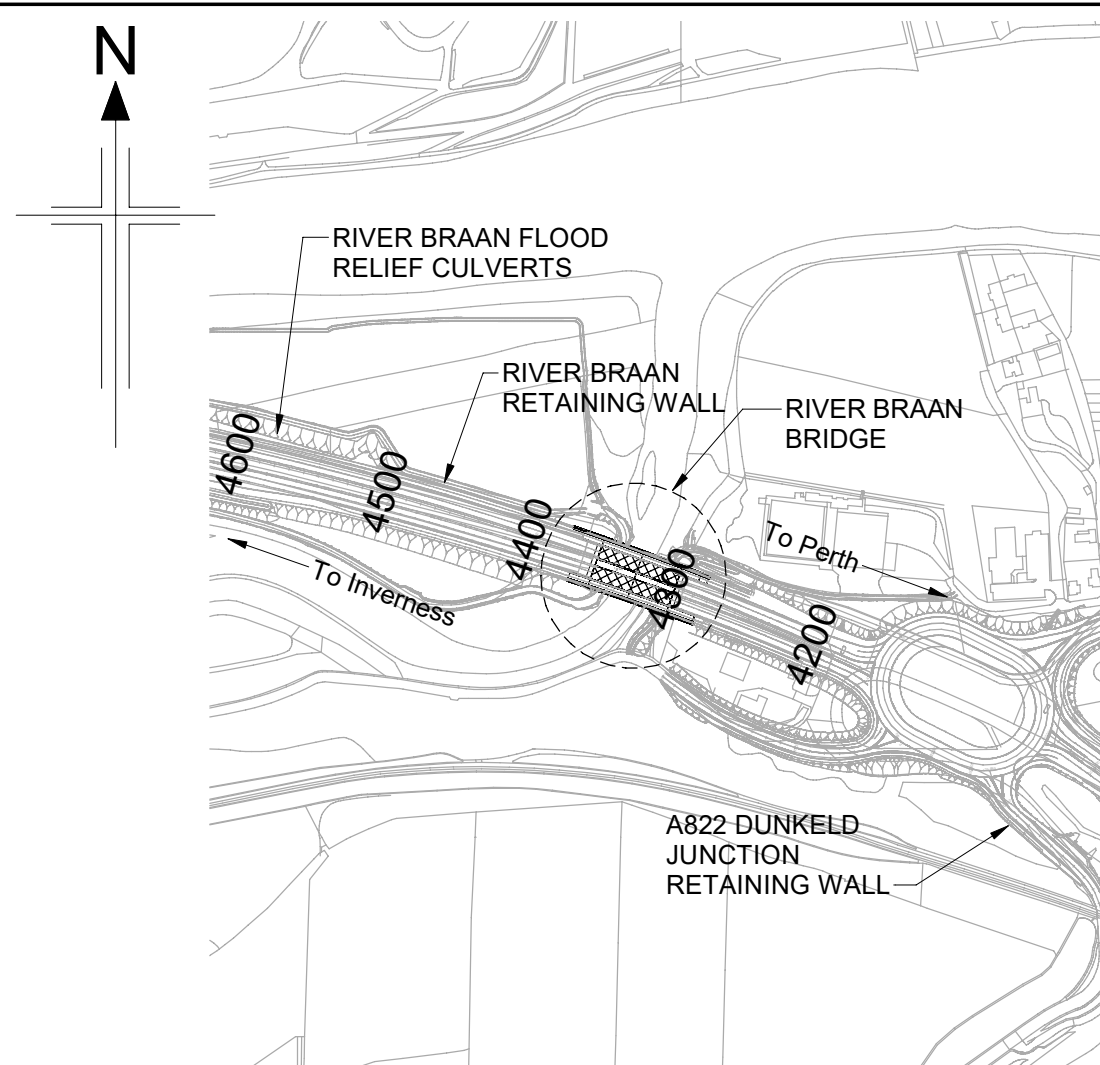
ELEVATION A
(Scale 1 : 250)



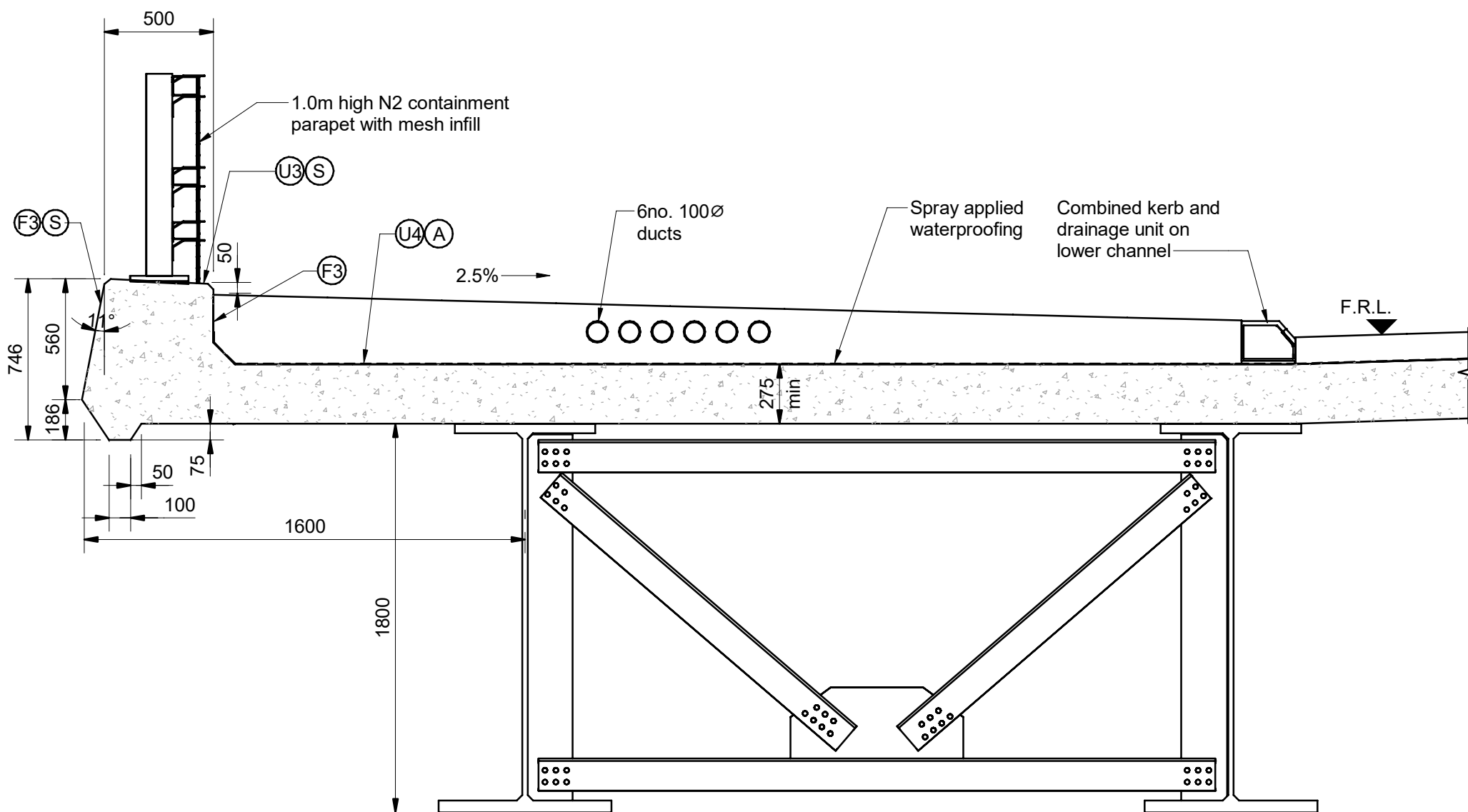
SECTION B
(Scale 1 : 100)



PLAN
(Scale 1 : 250)



LOCATION PLAN
(Scale 1 : 5000)



DETAIL 1
(Scale 1 : 25)

NOTES:

- All dimensions are in millimetres unless noted otherwise.
- All levels are in metres Above Ordnance Datum.
- All chainages are in metres.
- All exposed arrises to have 25x25 chamfers unless noted otherwise.
- All details shown on this drawing are indicative only and subject to development.
- Concrete finishes denoted thus:
 - Formed
 - Unformed
- Concrete protection to be as follows:
 - Surface impregnation in accordance with Client's requirements.
 - Spray applied waterproofing in accordance with Cl. 2003 of the Specification.
 - Waterproofing of all buried concrete surfaces in accordance with Cl. 2004 of the Specification.

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
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CONSTRUCTION <ul style="list-style-type: none">Potential presence in existing structure of harmful substances (including asbestos) that can cause damage to health.Existing structure may not be accurately represented by record drawings.Position of the existing structure may not be as shown.Condition of existing structure may not be as anticipated.Nature and position of the existing structure foundations to be verified by investigation before construction. Stability of the existing structure in temporary situations to be verified.Structure stability to be checked during break-out / demolition of the existing structure.Service survey required before commencing Works.Temporary works to be provided to ensure full support during beam installation and in temporary situations.Potential presence of ground gas to be considered during excavation.Potential presence of soil/groundwater contamination to be considered during excavation.Risk of inundation of site due to flood waters.	
MAINTENANCE / CLEANING <ul style="list-style-type: none">Service survey required before commencing Works.	
DECOMMISSIONING / DEMOLITION <ul style="list-style-type: none">Service survey required before commencing Works.	
It is assumed that all works will be carried out by a competent Contractor working, where appropriate, to an approved method statement	

P01	28/05/23	DMRB STAGE 3 REPORT - FINAL	PS	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chk'd	Rev'd	Apr'd

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Client



Project

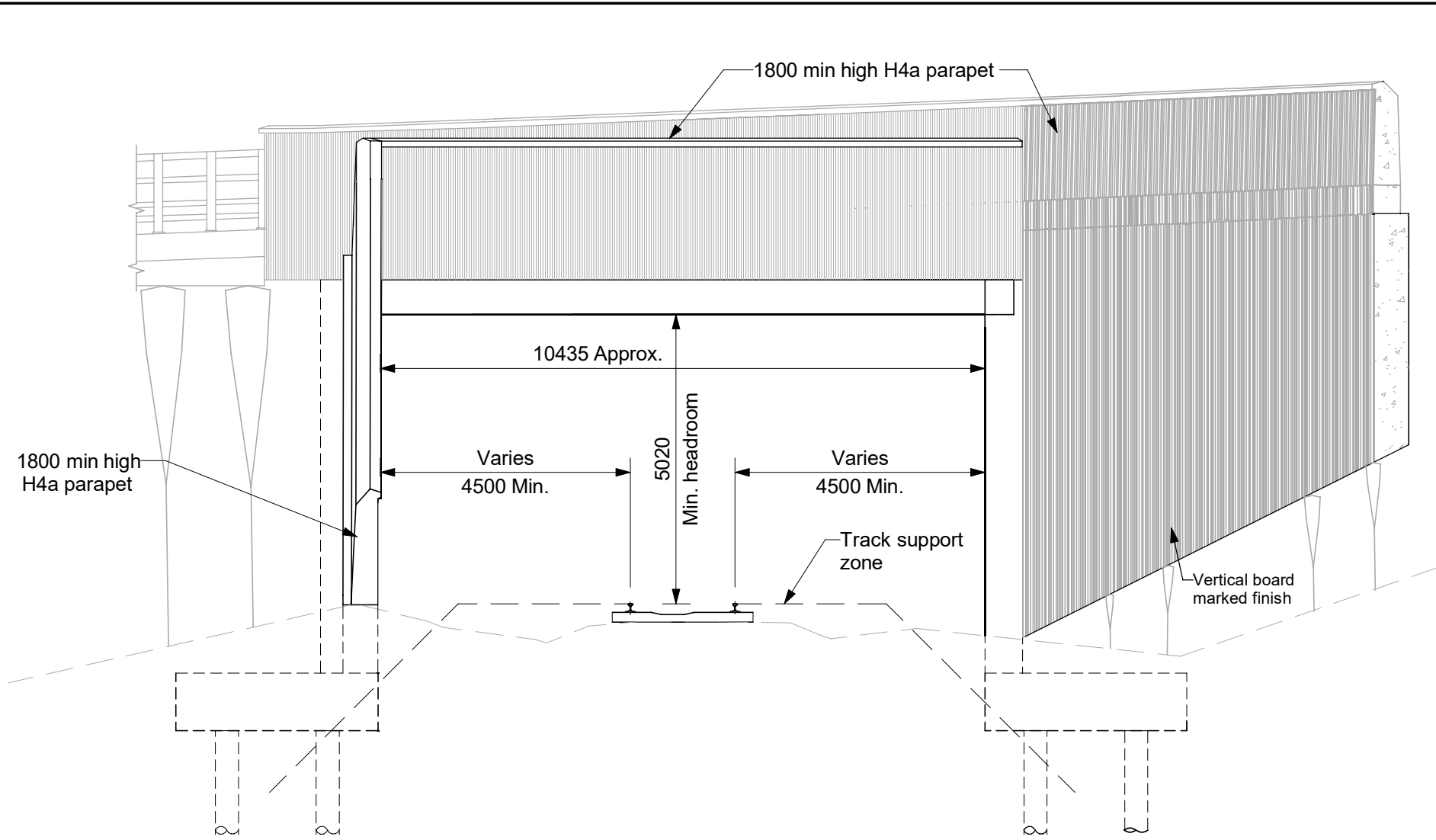


Drawing title

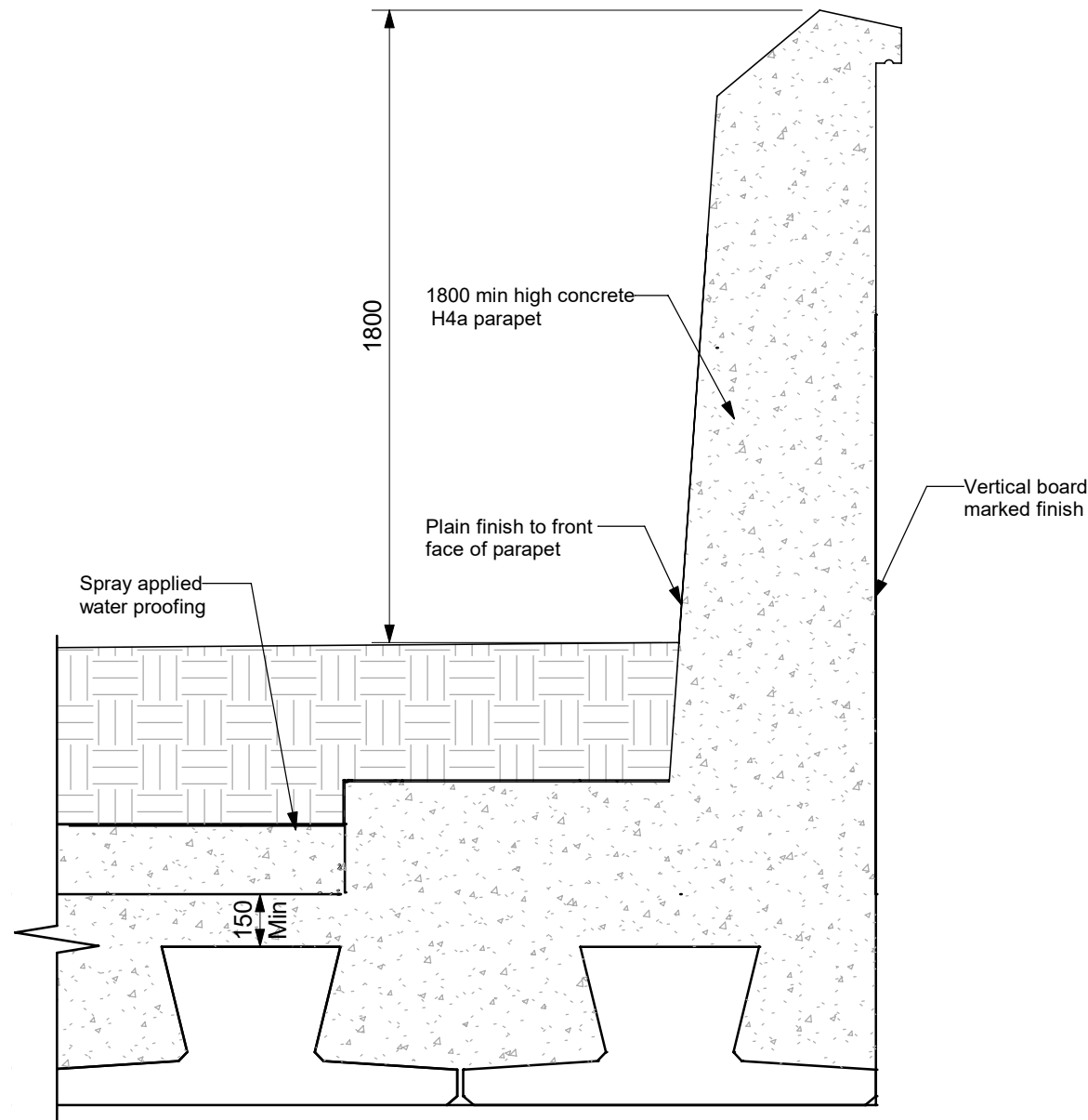
PASS OF BIRNAM TO TAY CROSSING
RIVER BRAAN BRIDGE
GENERAL ARRANGEMENT

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Design Stage	DMRB STAGE 3		
Drawing Date	28/05/25		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_ML043_ST-DR-ST-0001		Rev
			P01

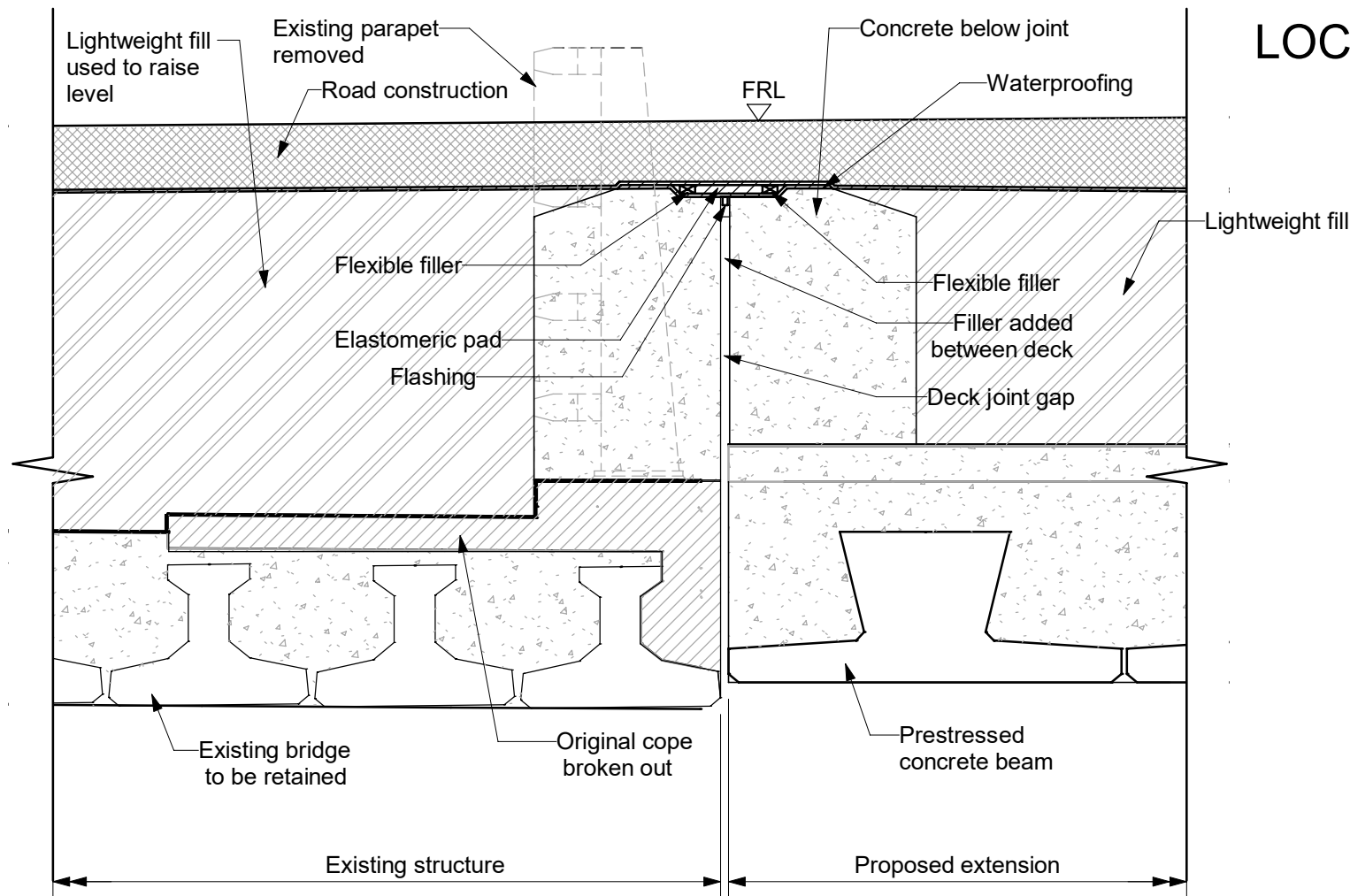
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ELEVATION A
SCALE 1 : 100

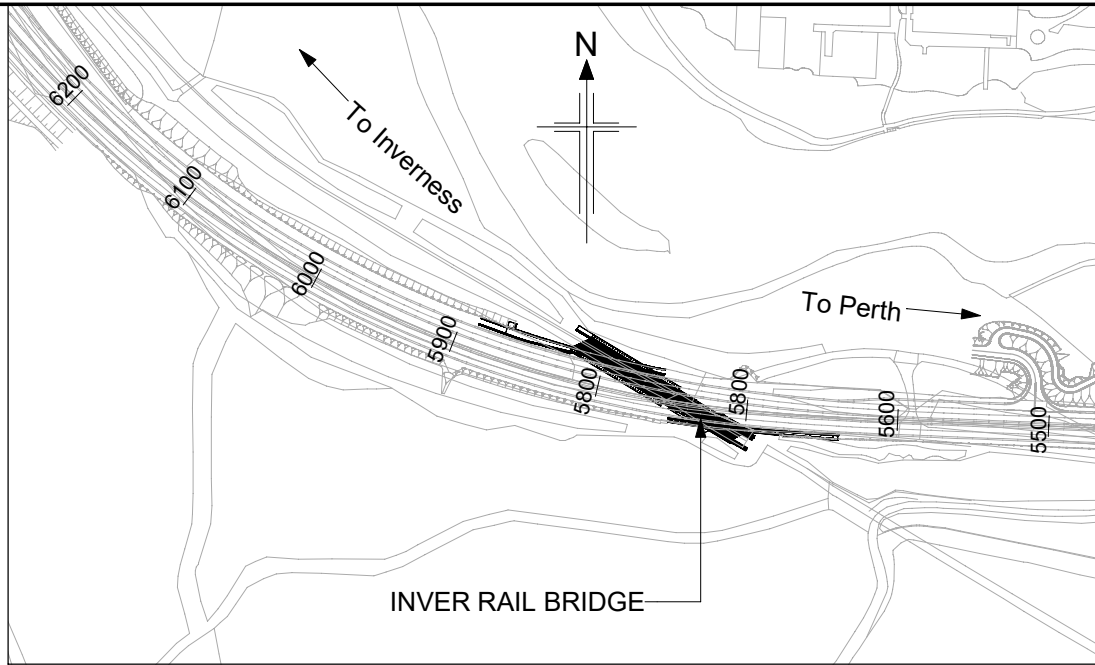


DETAIL 2
SCALE 1 : 20



DETAIL 1
SCALE 1 : 20

LOCATION PLAN
SCALE 1 : 5000

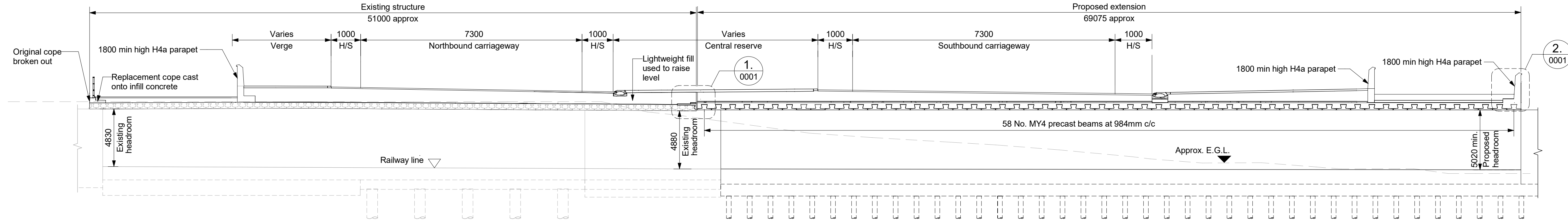


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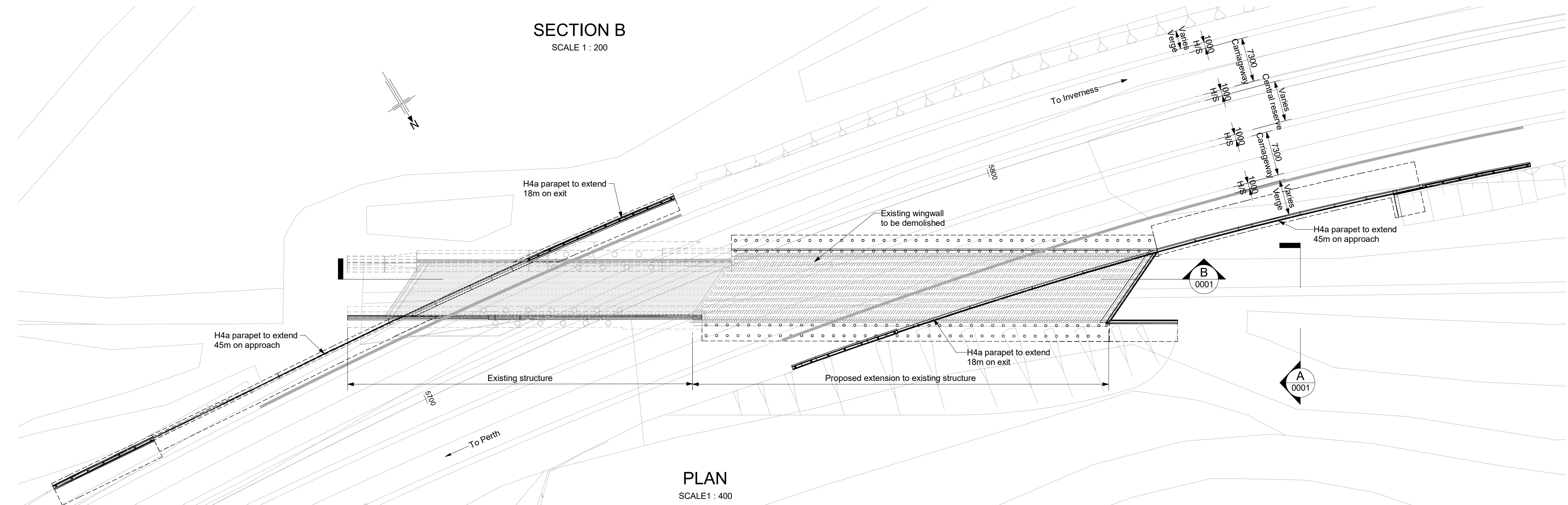
1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres Above Ordnance Datum.
3. All chainages are in metres.
4. All exposed arrises to have 25x25 chamfers unless noted otherwise.
5. All details shown on this drawing are indicative only and subject to development.

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MAINTENANCE / CLEANING <ul style="list-style-type: none">- Service survey required before commencing Works.	
DECOMMISSIONING / DEMOLITION <ul style="list-style-type: none">- Potential presence in existing structure of harmful substances (including asbestos) that can cause damage to health.- Existing structure may not be accurately represented by record drawings.- Service survey required before commencing Works.	
It is assumed that all works will be carried out by a competent Contractor working, where appropriate, to an approved method statement	



SECTION B
SCALE 1 : 200



PLAN
SCALE 1 : 400

P01	11/04/25	DMRB STAGE 3 REPORT - FINAL	PS	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chck'd	Rev'd	Apr'd

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Client



Project

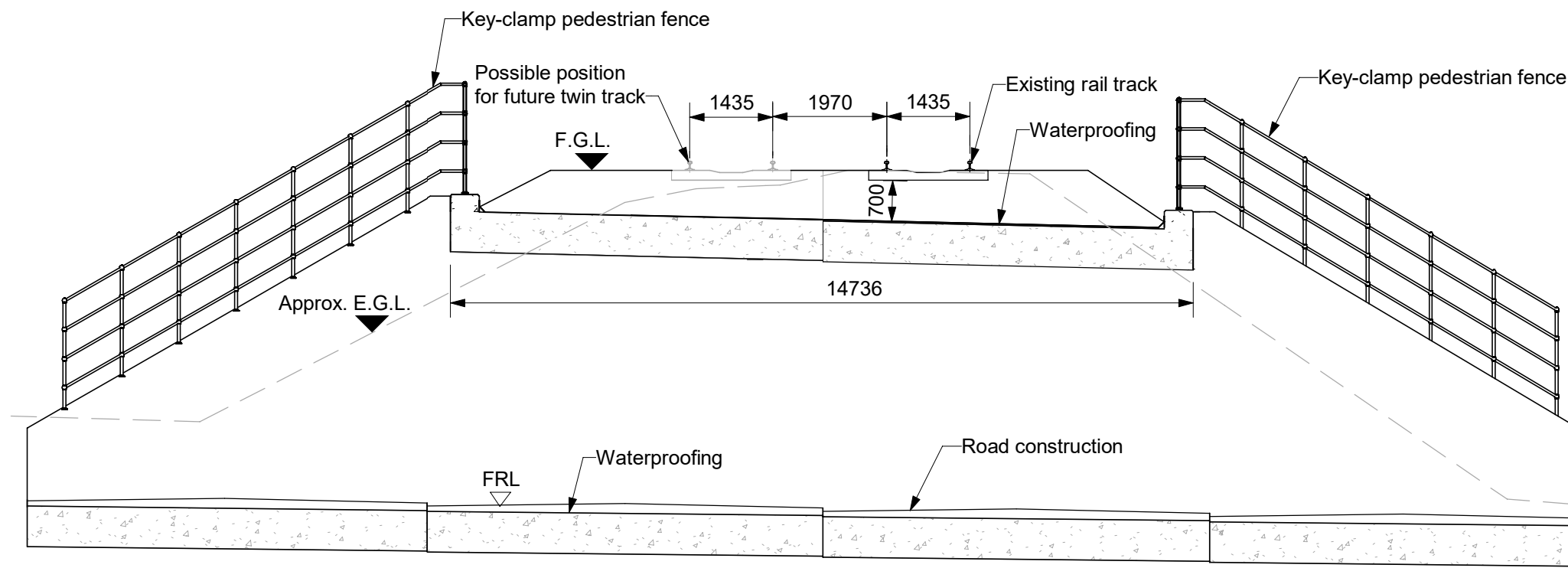


Drawing title

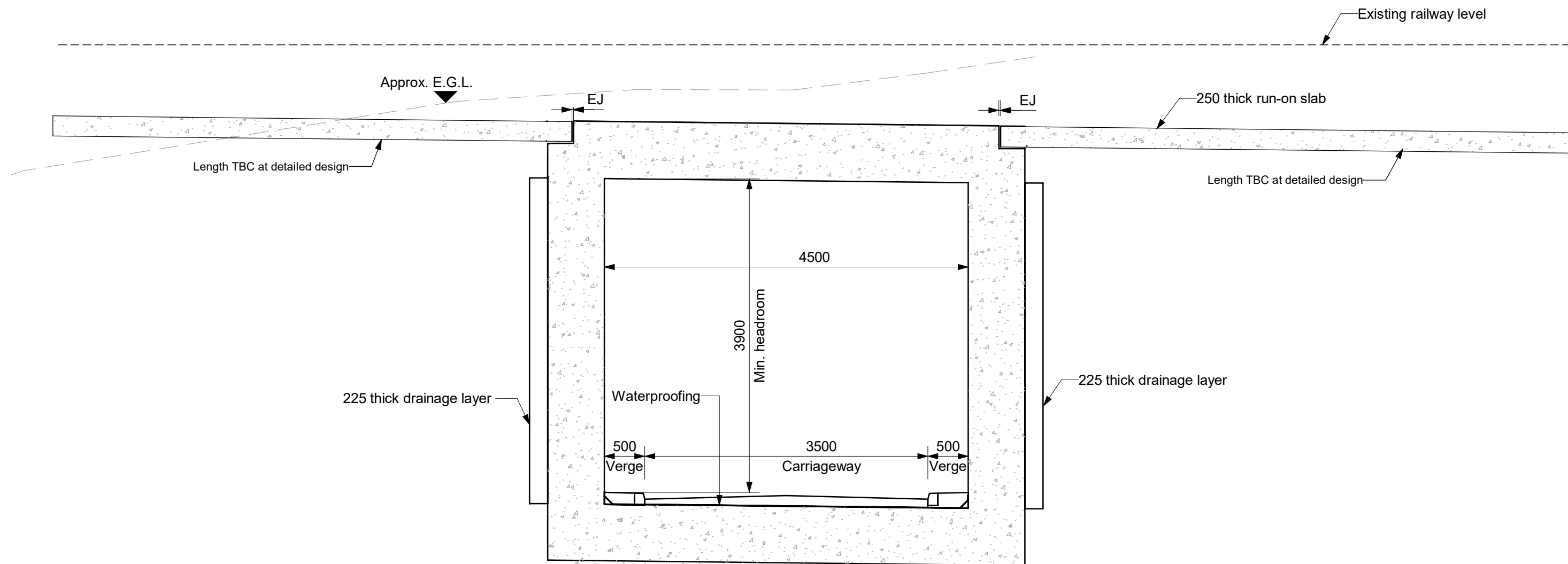
PASS OF BIRNAM TO TAY
CROSSING
DMRB STAGE 3
INVER RAIL BRIDGE
GENERAL ARRANGEMENT

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Design Stage	DMRB STAGE 3		
Drawing Date	11/04/25		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_ML057_ST-DR-ST-0001		Rev
			P01

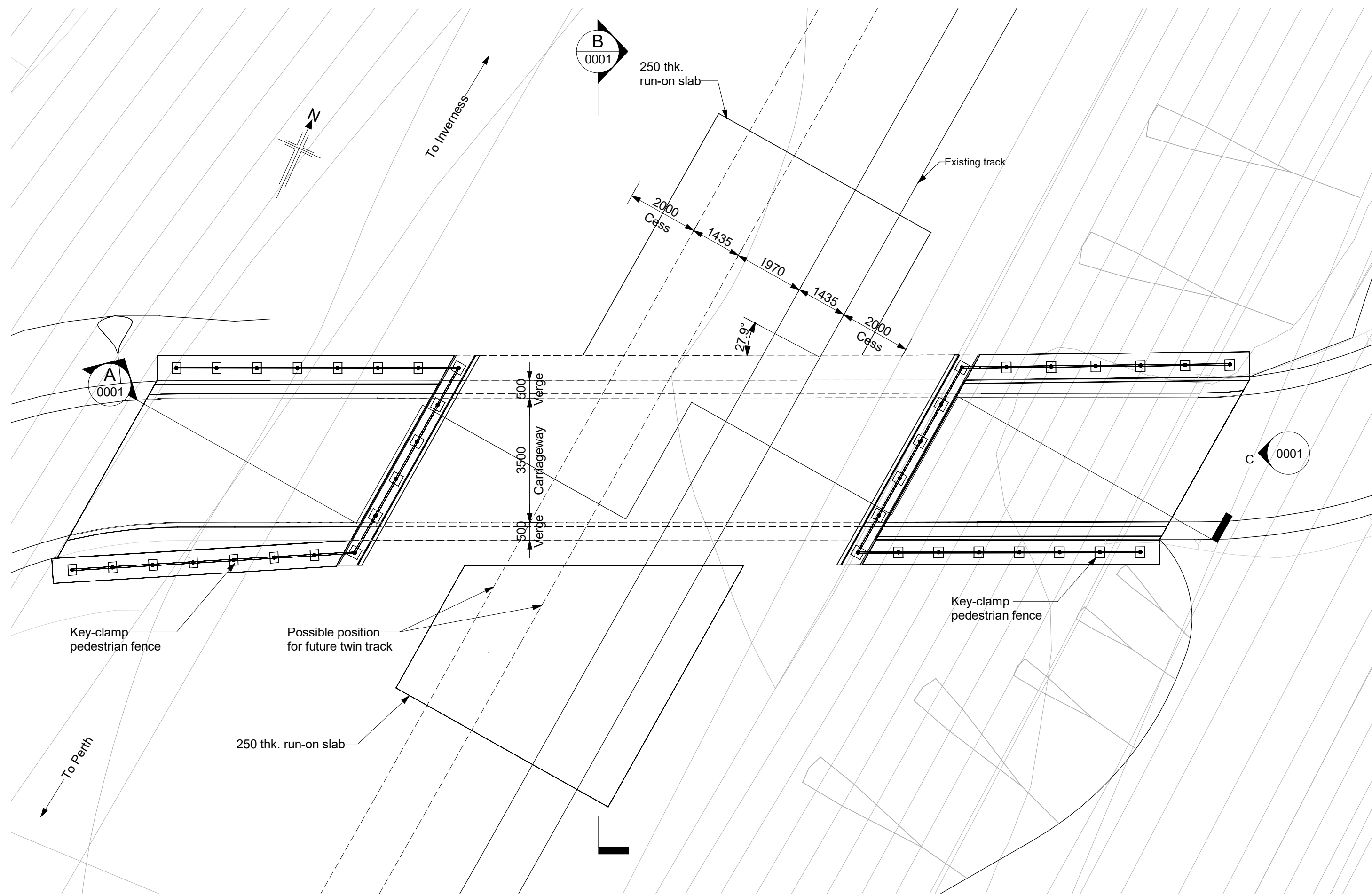
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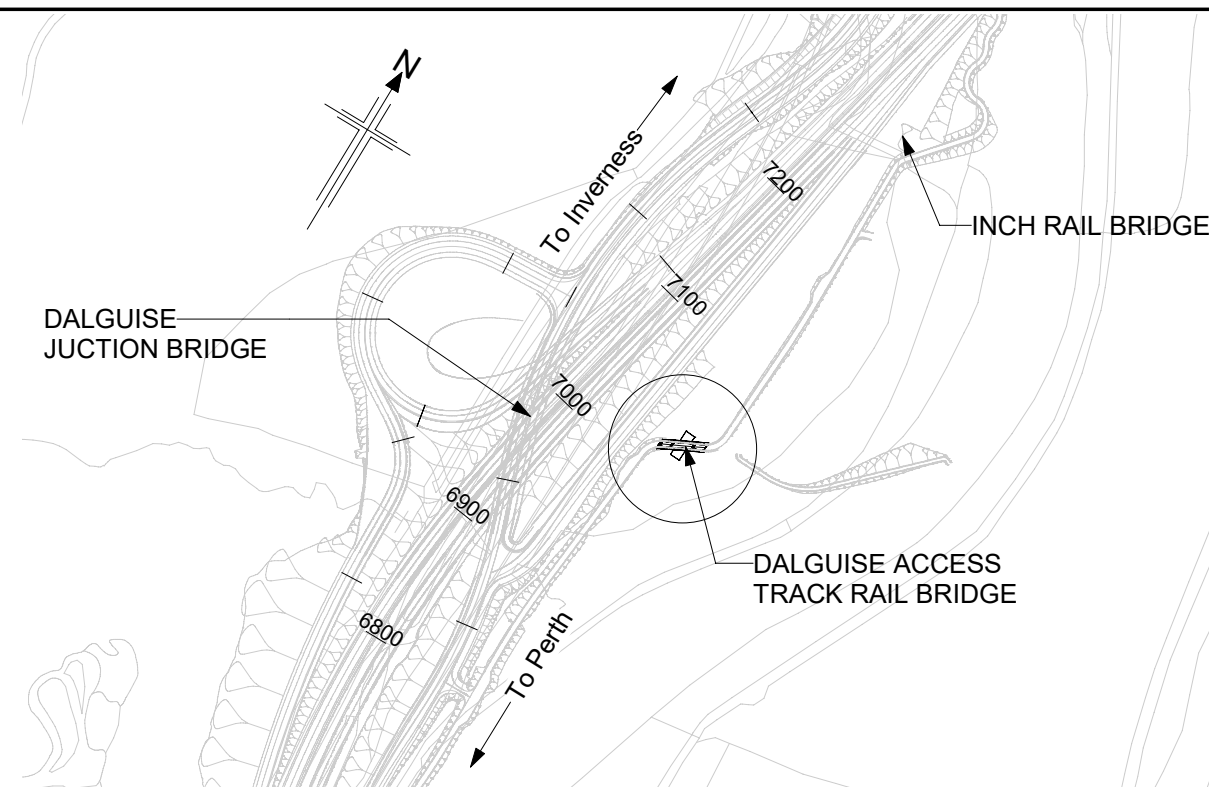
SECTION A
(Scale 1 : 100)



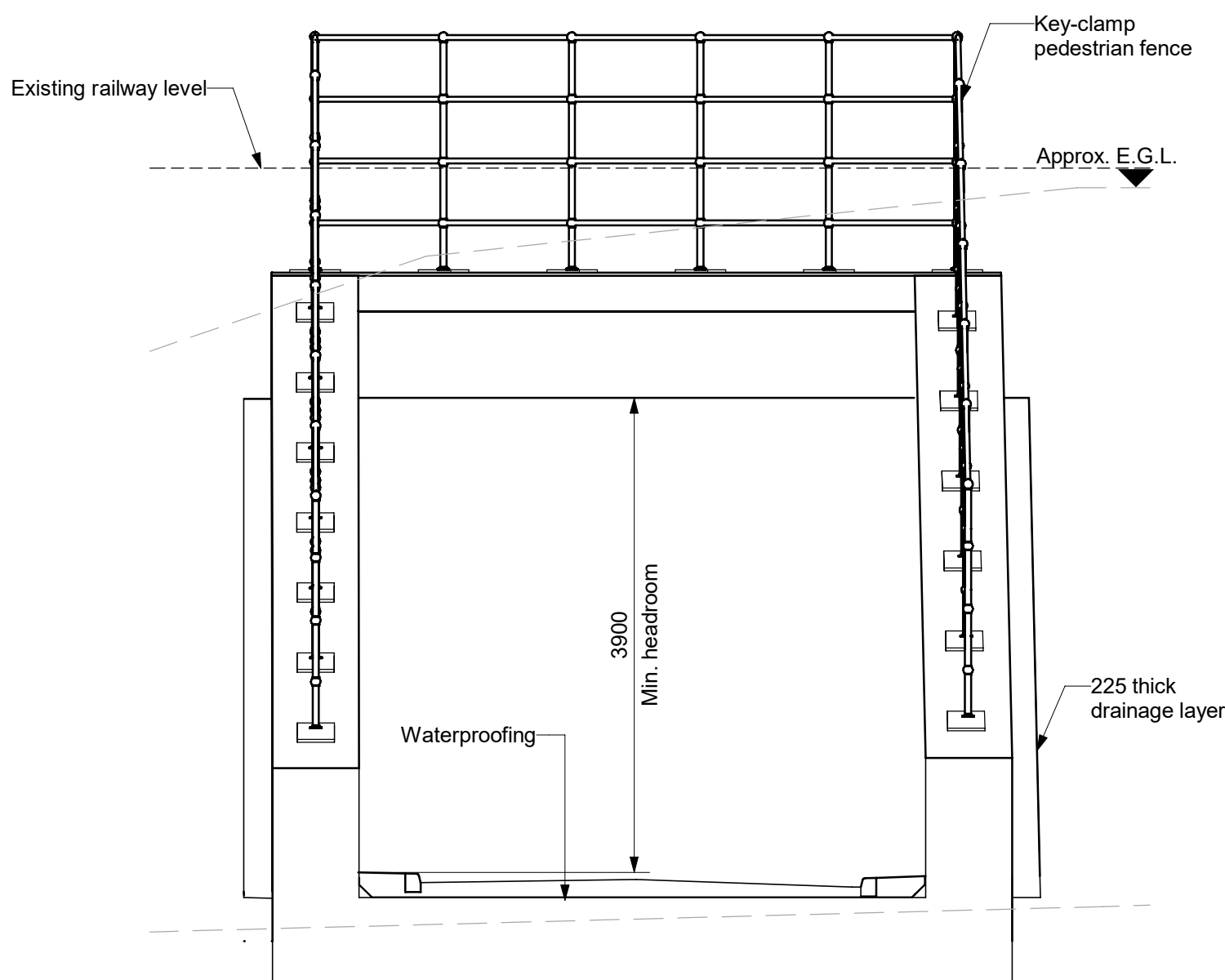
SECTION B
(Scale 1 : 50)



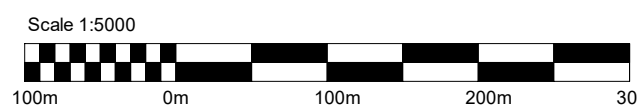
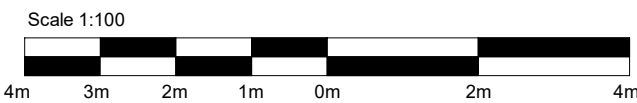
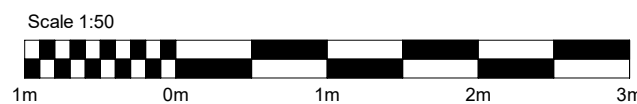
PLAN
(Scale 1 : 100)



LOCATION PLAN
(Scale 1 : 5000)



ELEVATION C
(Scale 1 : 50)



NOTES:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres Above Ordnance Datum.
3. All chainages are in metres.
4. All exposed arrises to have 25x25 chamfers unless noted otherwise.
5. All details shown on this drawing are indicative only and subject to development.
6. Track monitoring to be undertaken following track reinstatement. A track monitoring plan is to be developed in accordance with the requirements set out in NR/L2/CIV/177.
7. Excavation is to be in accordance with HSE standard HSG47 and NR/L2/INI/CP1030 to avoid damage to buried services.
8. Any exposed cables are to be protected with split duct and supported over the excavation for the duration of the works.
9. Signalling and telecoms maintenance teams are to be on standby to verify the functionality of all potentially affected systems at the end of the works.
10. Rail cut locations are to be determined during the detailed design phase. The contractor is to develop a stress restoration plan in accordance with the relevant standard.
11. Considerations for replicating the existing track formation stiffness with the reinstated fill are to be made at the detailed design stage to avoid creating a hard spot.

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:
CONSTRUCTION
- Service survey required before commencing Works.
- Track levels to be monitored post installation / reinstatement in line with NR/L2/CIV/177.
- Temporary works to be designed to guard against uncontrolled movement of structure during installation. Suitable exclusion zones to be created.
- Potential presence of ground gas to be considered during excavation.
- Potential presence of soil/groundwater contamination to be considered during excavation.
MAINTENANCE / CLEANING
-Service survey required before commencing Works.
DECOMMISSIONING / DEMOLITION
-Service survey required before commencing Works.
It is assumed that all works will be carried out by a competent Contractor working, where appropriate, to an approved method statement

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P01	24/04/25	DMRB STAGE 3 REPORT - FINAL	PS	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chk'd	Rev'd	Apr'd

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Project

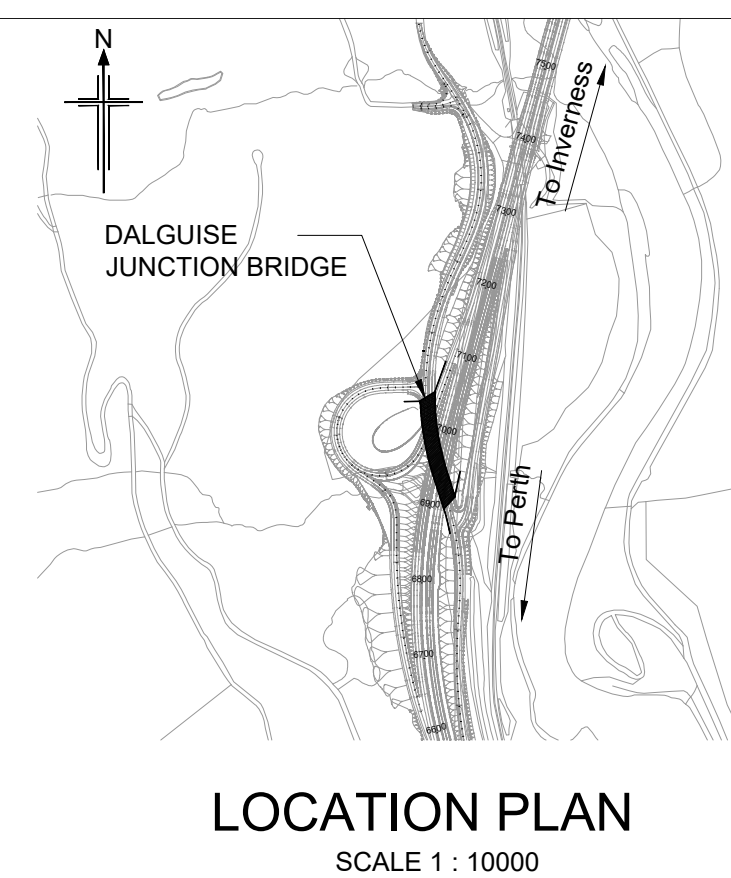
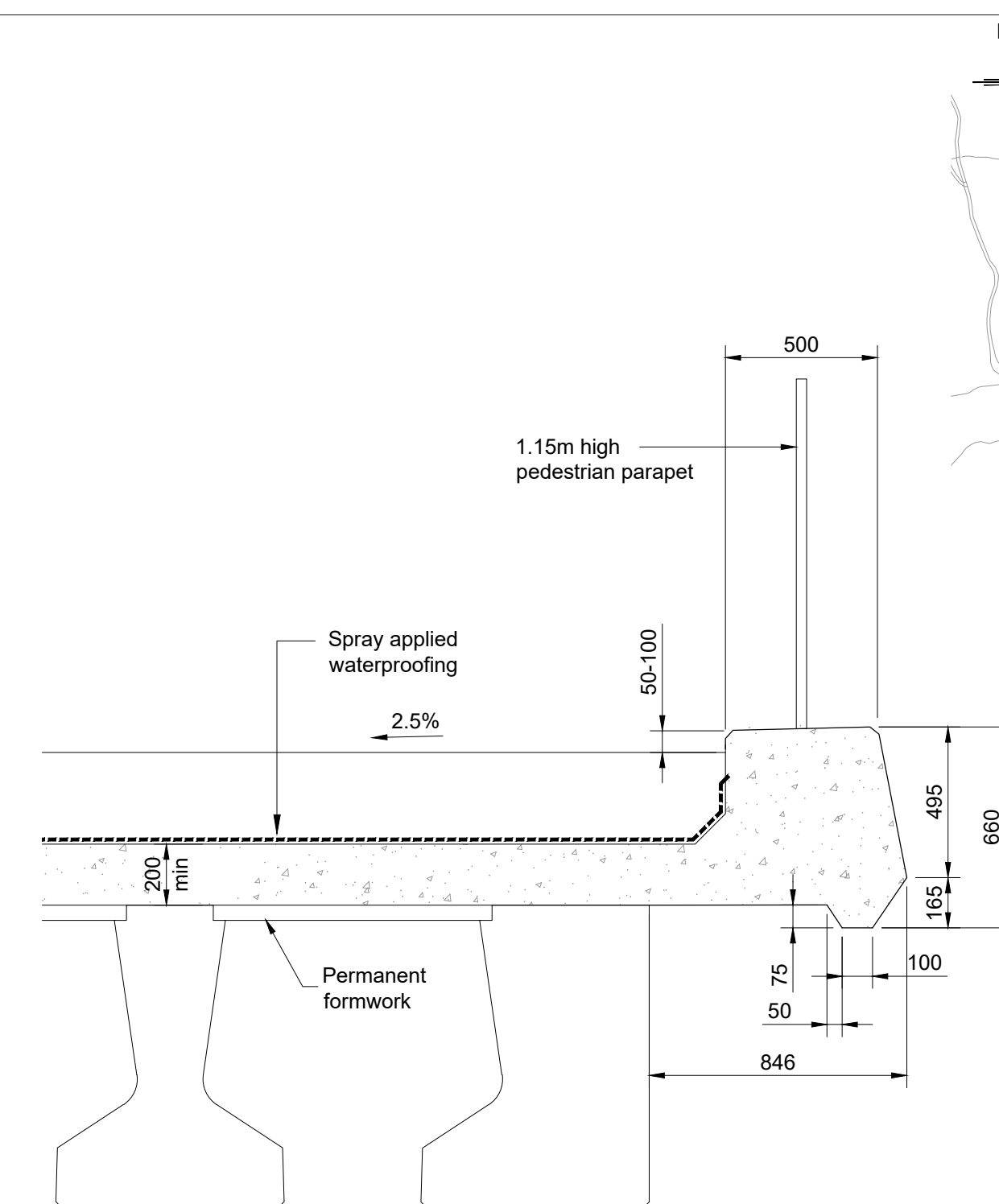


Drawing title

PASS OF BIRNAM TO TAY CROSSING
DALGUISE ACCESS TRACK RAIL BRIDGE
GENERAL ARRANGEMENT

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Design Stage	DMRB STAGE 3		
Drawing Date	Sheet Issue Date		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_SR069_ST-DR-ST-0001		Rev
			P01

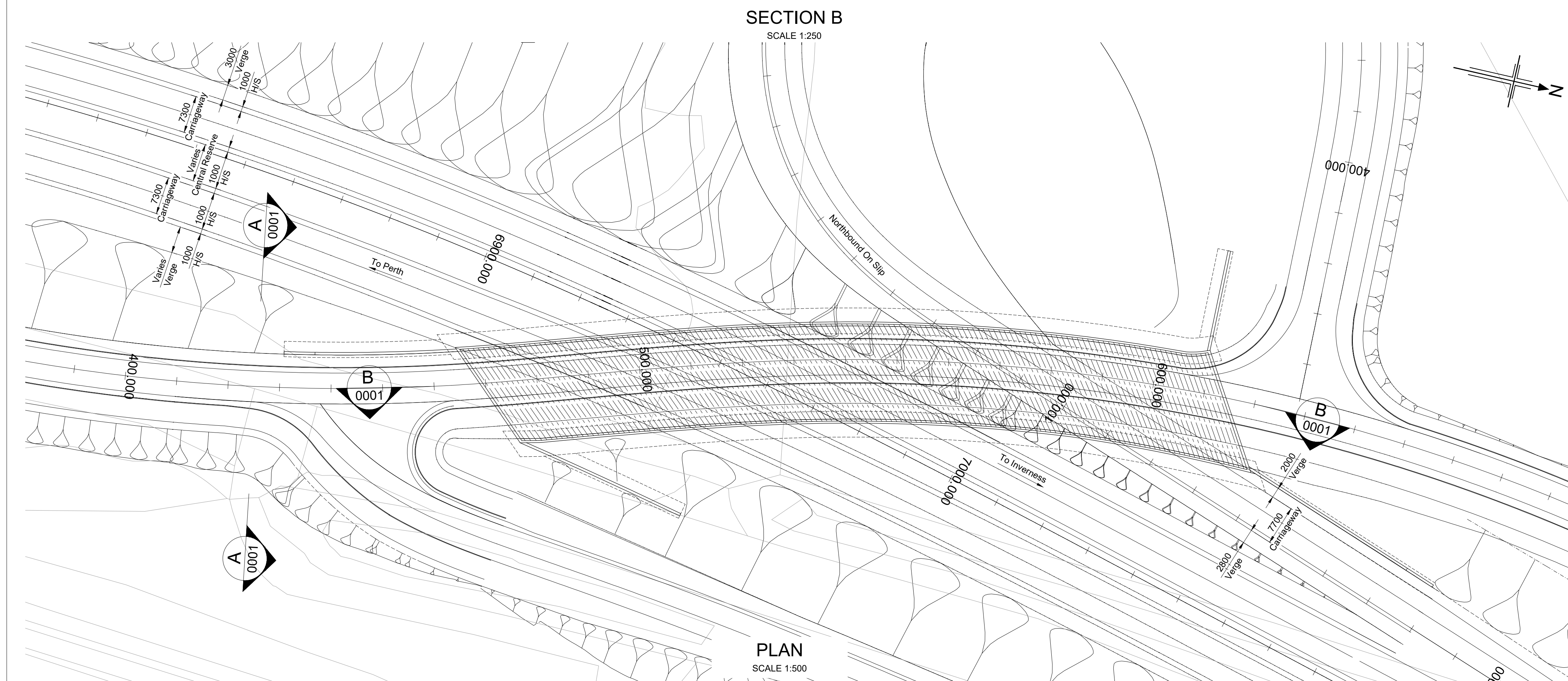
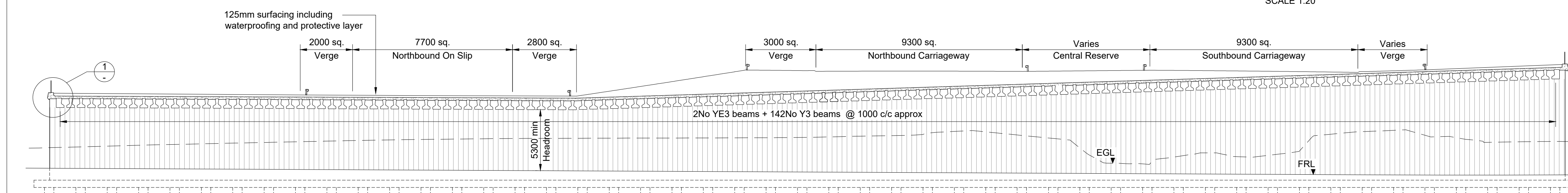
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- Notes:
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 3. All chainages are in metres.
 4. All exposed arrises to have 25x25 chamfers unless noted otherwise.
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
<p>In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:</p>	
<p>CONSTRUCTION</p> <ul style="list-style-type: none"> - Service survey required before commencing Works. - Temporary works to be provided to ensure full support during beam installation and in temporary situations. - Potential presence of ground gas to be considered during excavation. - Potential presence of soil/groundwater contamination to be considered during excavation. - Potential presence of ground gas to be considered during piling. 	
<p>MAINTENANCE / CLEANING</p> <ul style="list-style-type: none"> - Service survey required before commencing Works. 	
<p>DECOMMISSIONING / DEMOLITION</p> <ul style="list-style-type: none"> - Service survey required before commencing Works. 	
<p>If it is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement</p>	



P01	28/05/25	DMRB STAGE 3 REPORT - FINAL	NC	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chck'd	Rev'd	Aprv'd

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Client	
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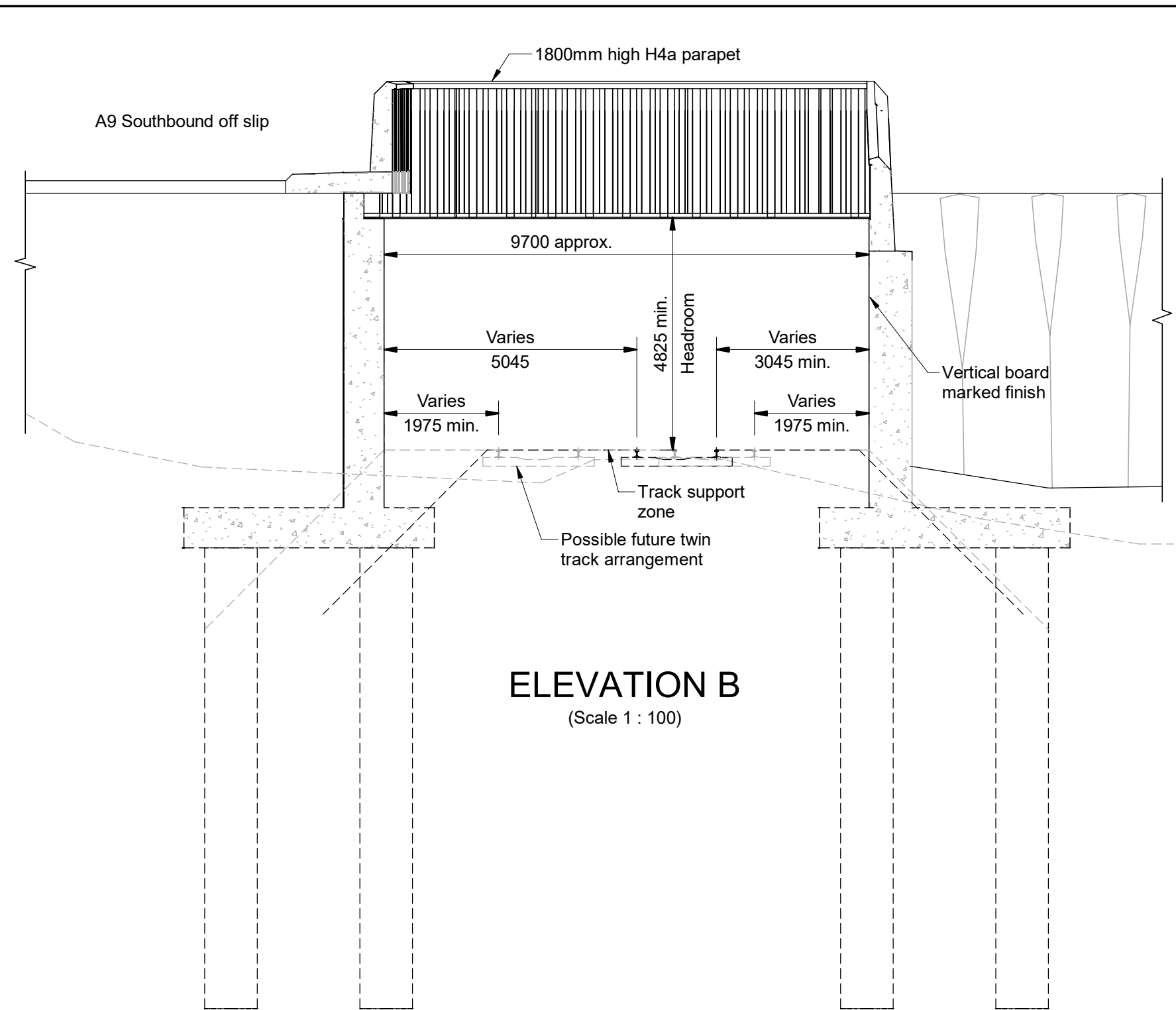


Drawing title

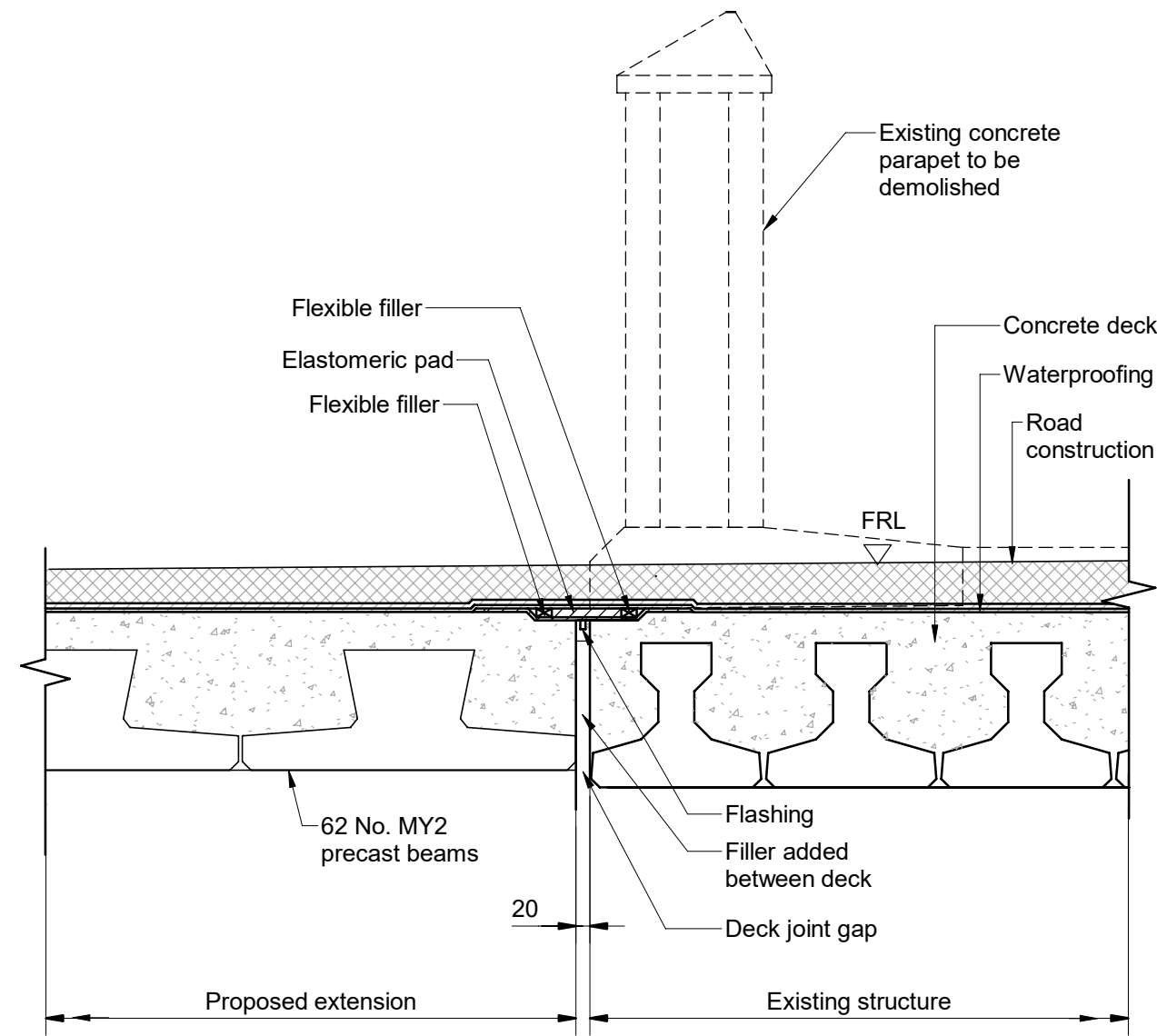
PASS OF BIRNAM TO TAY CROSSING DALGUISE JUNCTION BRIDGE GENERAL ARRANGEMENT

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Design Stage	DMRB STAGE 3		
Drawing Date	28/05/25		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_ML070_ST-DR-ST-0001		Rev P01

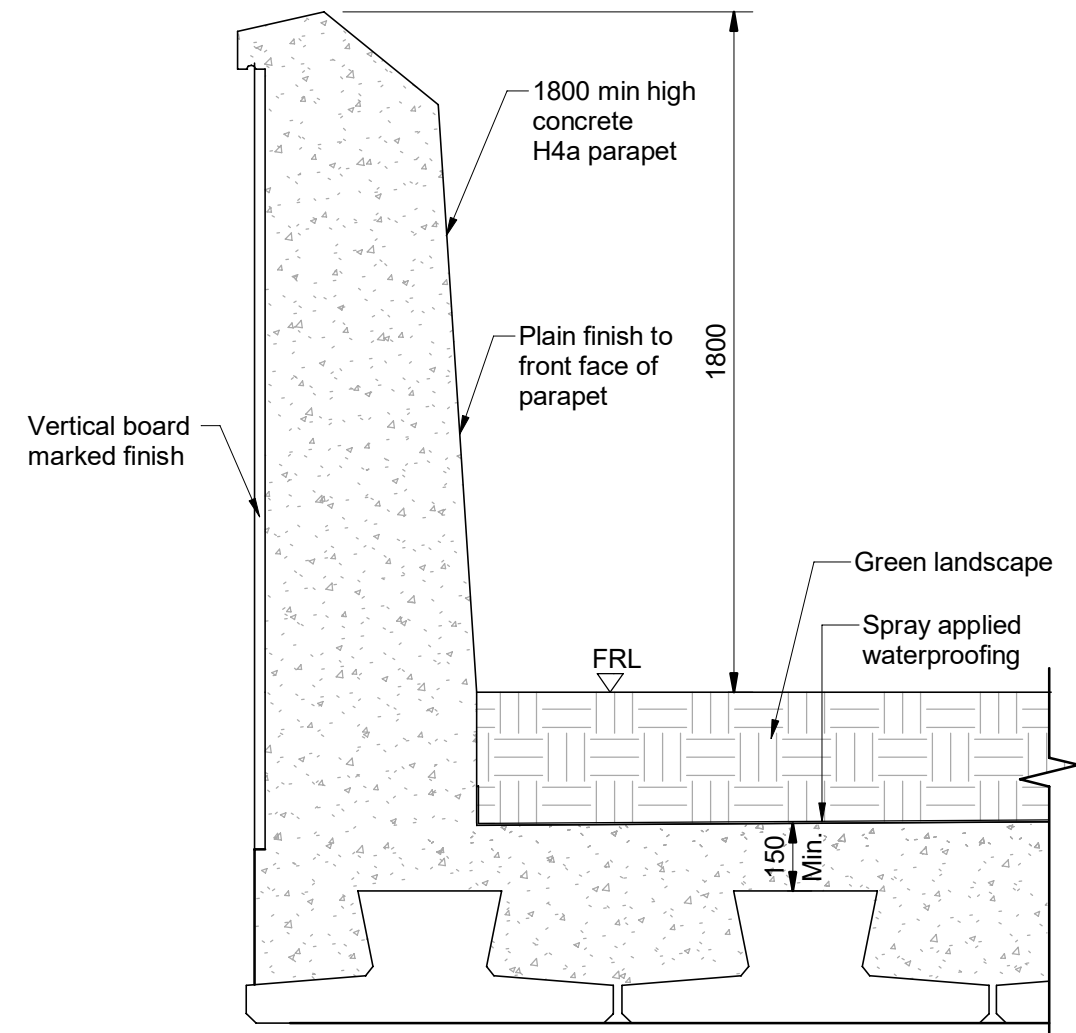
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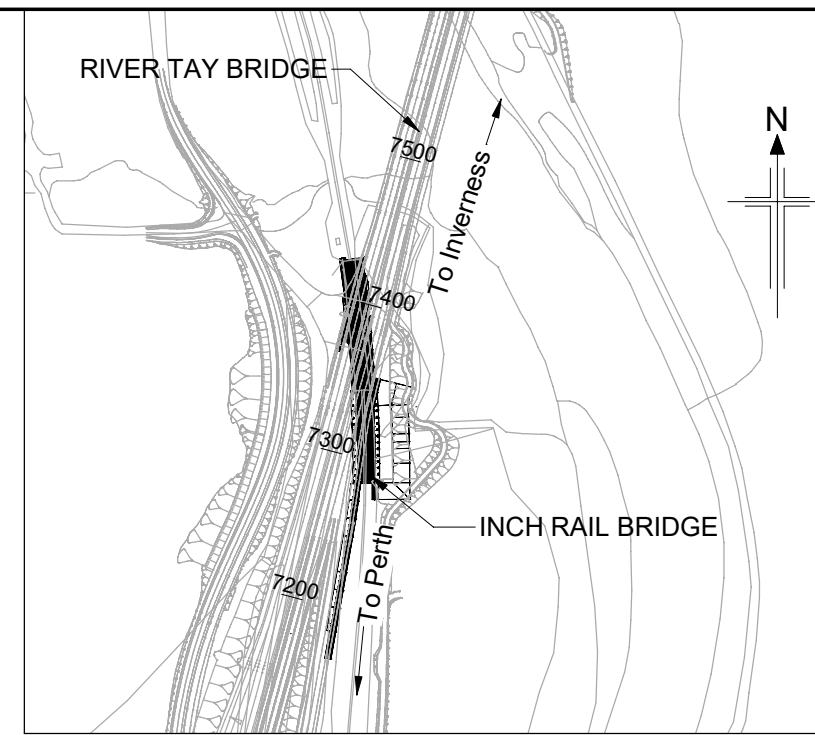
ELEVATION B
(Scale 1 : 100)



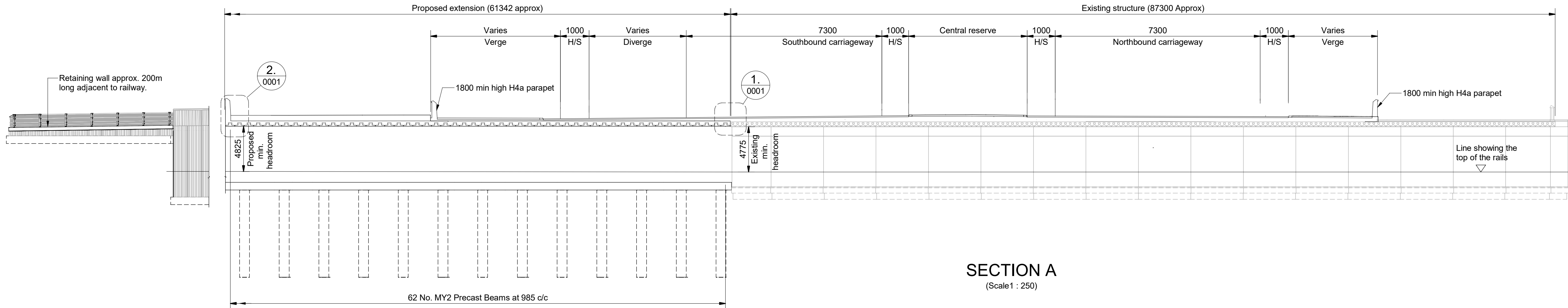
DETAIL 1
(Scale 1 : 20)



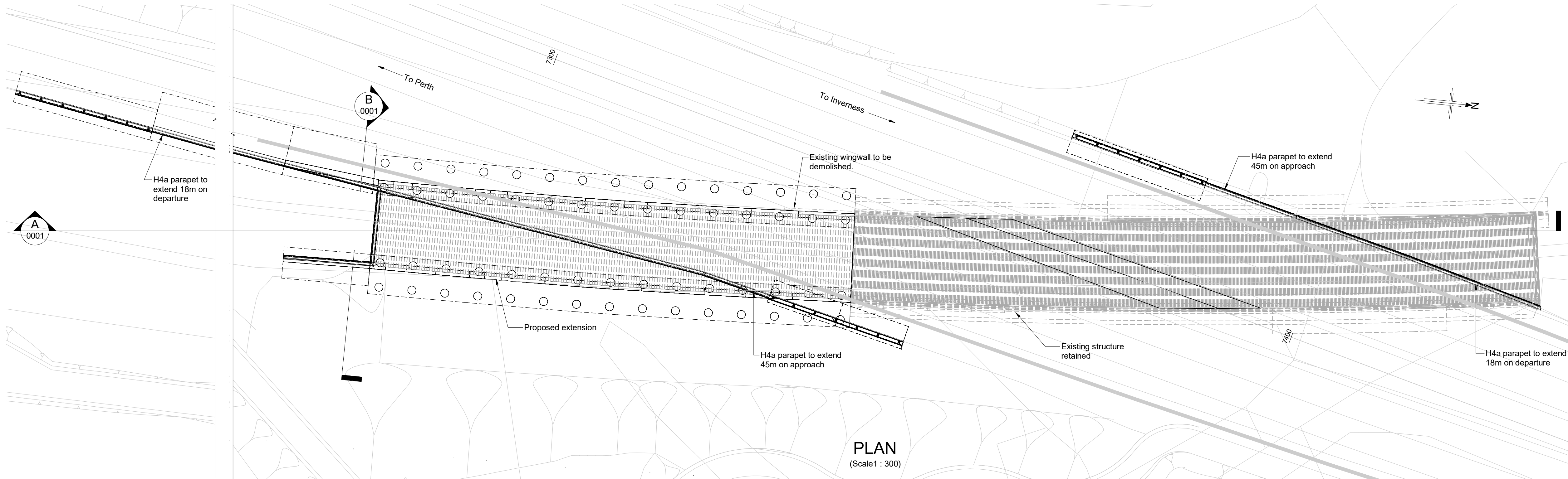
DETAIL 2
(Scale 1 : 20)



LOCATION PLAN
(Scale 1 : 5000)



SECTION A
(Scale 1 : 250)



PLAN
(Scale 1 : 300)

NOTES:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres Above Ordnance Datum.
3. All chainages are in metres.
4. All exposed arrises to have 25x25 chamfers unless noted otherwise.
5. All details shown on this drawing are indicative only and subject to development.

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MAINTENANCE / CLEANING <ul style="list-style-type: none">- Service survey required before commencing Works.	
DECOMMISSIONING / DEMOLITION <ul style="list-style-type: none">- Potential presence in existing structure of harmful substances (including asbestos) that can cause damage to health.- Existing structure may not be accurately represented by record drawings.- Service survey required before commencing Works.	
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P01	11/04/25	DMRB STAGE 3 REPORT - FINAL	PS	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chk'd	Rev'd	Apr'd

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Client



Project

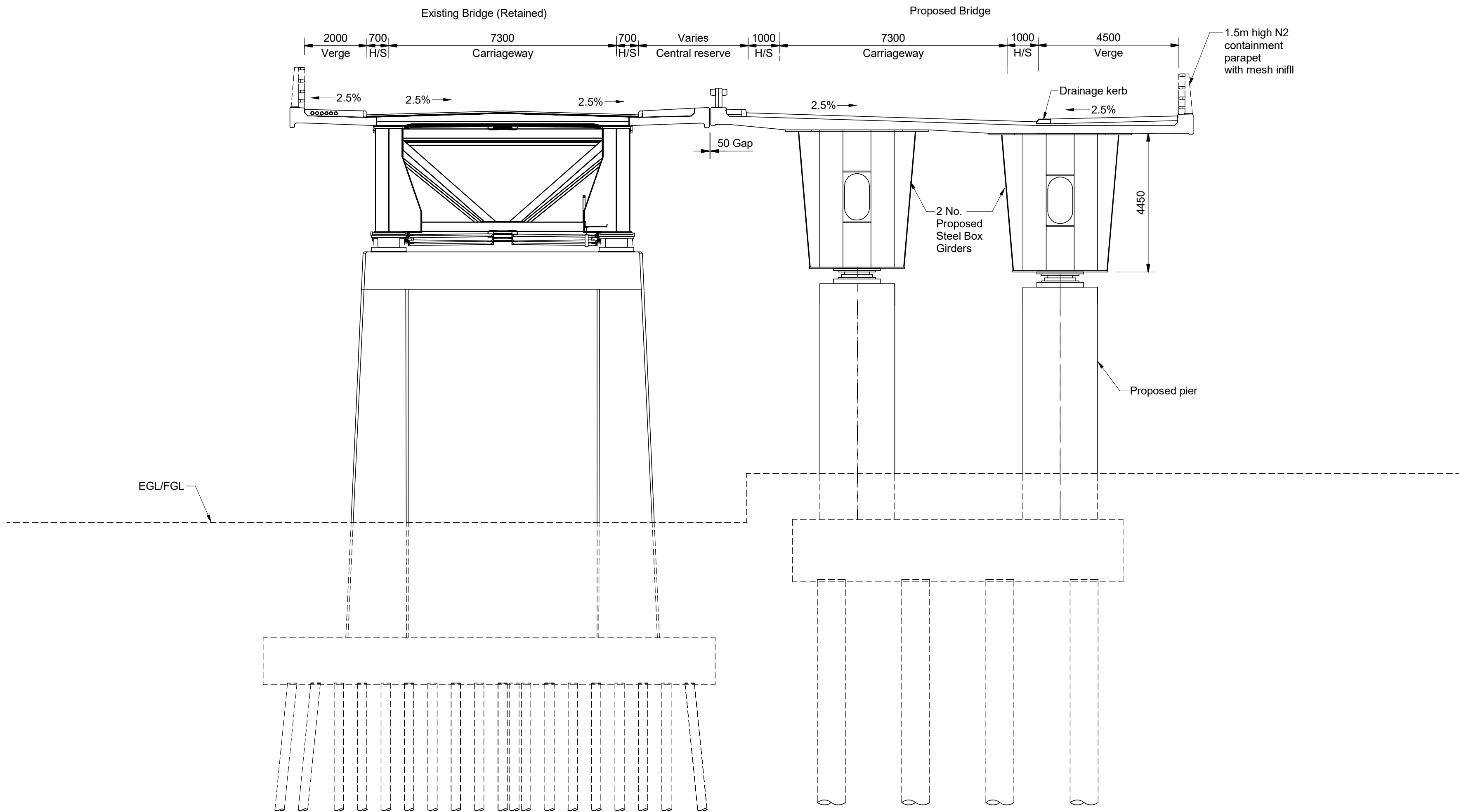


Drawing title

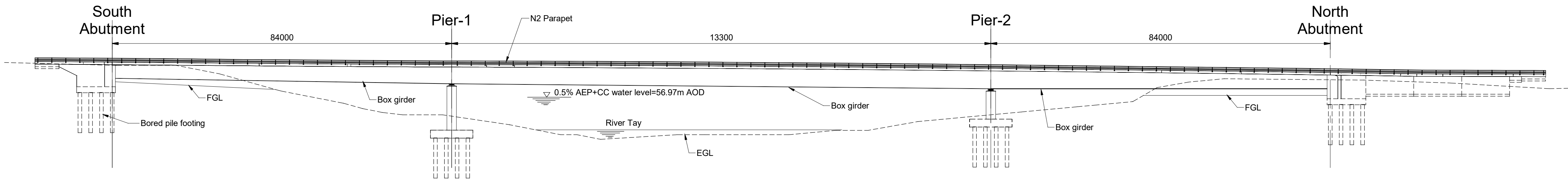
PASS OF BIRNAM TO TAY
CROSSING
DMRB STAGE 3
INCH RAIL BRIDGE
GENERAL ARRANGEMENT

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Design Stage	DMRB STAGE 3		
Drawing Date	11/04/25		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_ML073_ST-DR-ST-0001		Rev
			P01

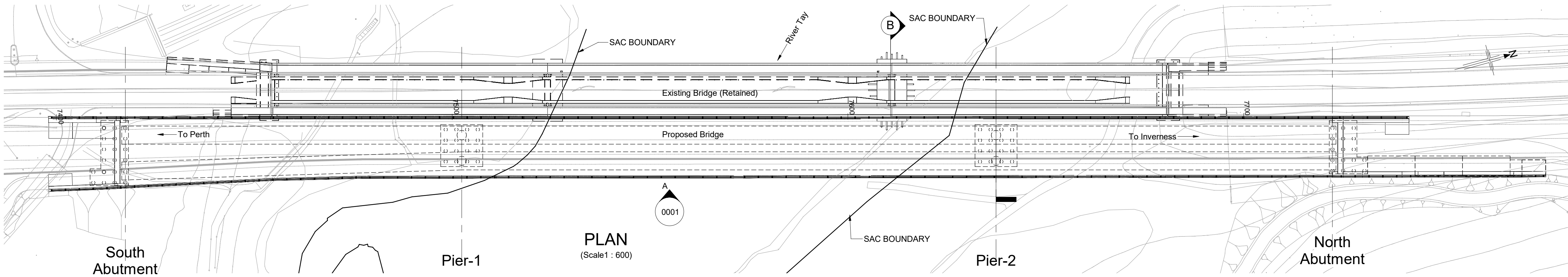
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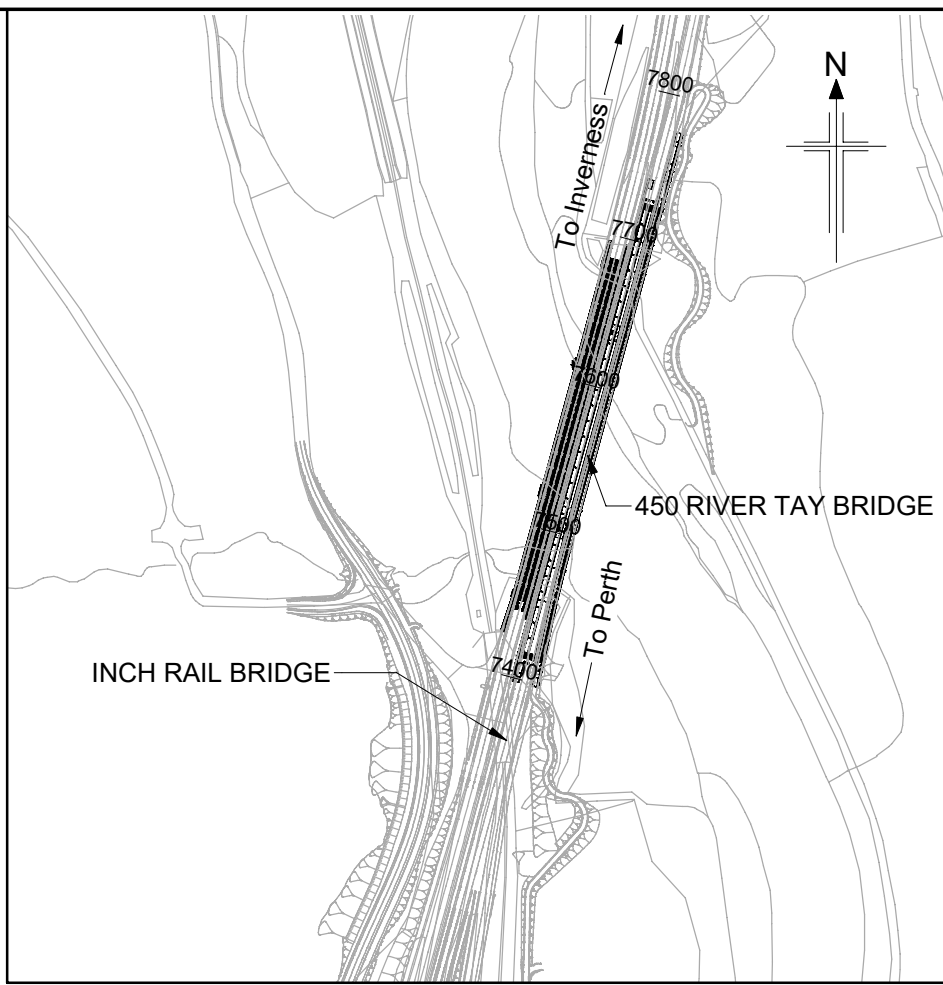
SECTION B
(Scale 1 : 100)



ELEVATION A
(Scale 1 : 600)



PLAN
(Scale 1 : 600)



LOCATION PLAN
(Scale 1 : 5000)

- NOTES:**
1. All dimensions are in millimetres unless noted otherwise.
 2. All levels are in metres Above Ordnance Datum.
 3. All chainages are in metres.
 4. All exposed arrises to have 25x25 chamfers unless noted otherwise.
 5. All details shown on this drawing are indicative only and subject to development.

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In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following :
CONSTRUCTION <ul style="list-style-type: none">- Potential presence in existing structure of harmful substances (including asbestos) that can cause damage to health.- Existing structure may not be accurately represented by record drawings.- Position of the existing structure may not be as shown.- Condition of existing structure may not be as anticipated.- Nature and position of the existing structure foundations to be verified by investigation before construction.- Stability of the existing structure in temporary situations to be verified.- Structure stability to be checked during modification of the existing structure.- Service survey required before commencing Works.- Temporary works to be provided to ensure full support during beam installation and in temporary situations.- Potential presence of ground gas to be considered during excavation.- Potential presence of soil/groundwater contamination to be considered during excavation.- Potential presence of ground gas to be considered during piling.
MAINTENANCE / CLEANING <ul style="list-style-type: none">- Service survey required before commencing Works.
DECOMMISSIONING / DEMOLITION <ul style="list-style-type: none">- Potential presence in existing structure of harmful substances (including asbestos) that can cause damage to health.- Existing structure may not be accurately represented by record drawings.- Service survey required before commencing Works.
It is assumed that all works will be carried out by a competent Contractor working, where appropriate, to an approved method statement

P01	29/05/25	DMRB STAGE 3 REPORT - FINAL	PS	SH	MAM	MP
Rev	Rev. Date	Purpose of revision	Drawn	Chk'd	Rev'd	Apr'd

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Project

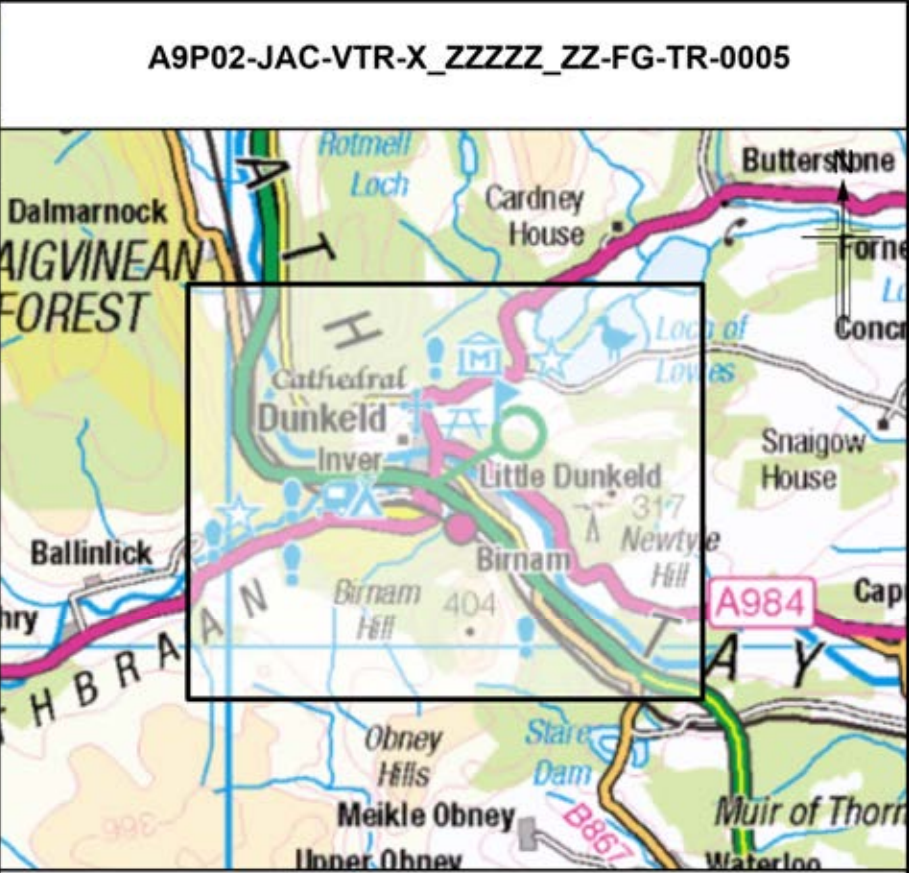
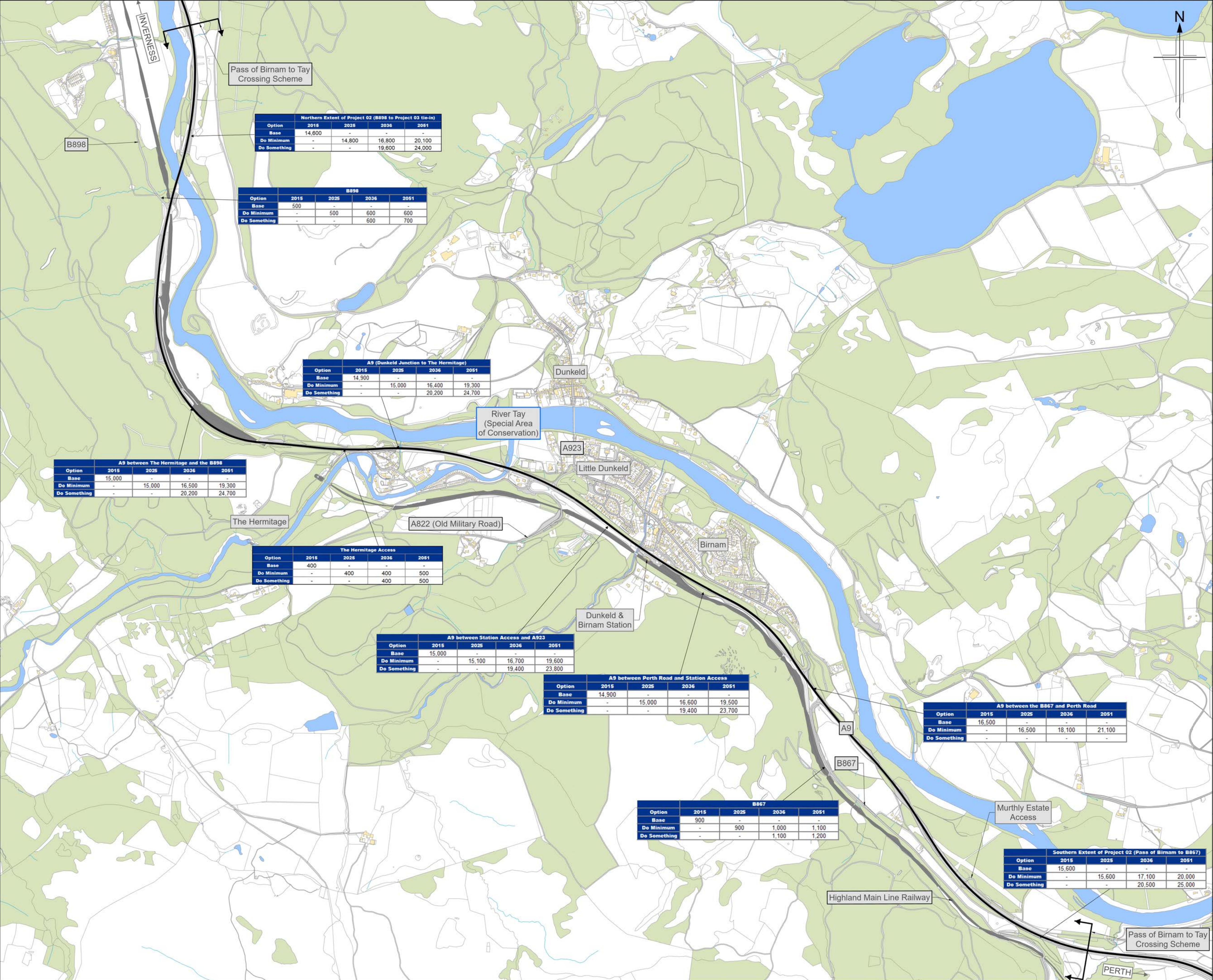


Drawing title

PASS OF BIRNAM TO TAY CROSSING RIVER TAY BRIDGE GENERAL ARRANGEMENT

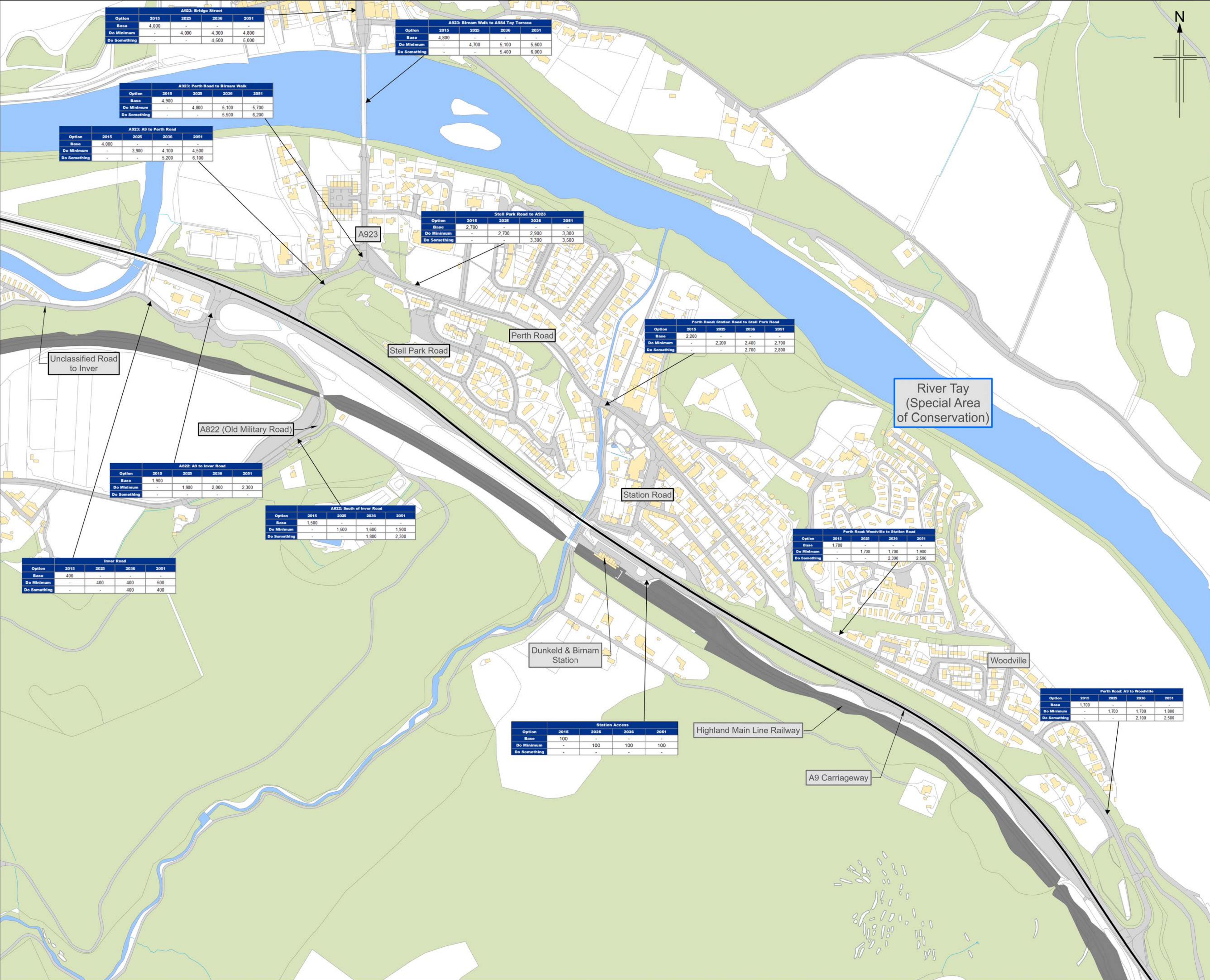
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Design Stage	DMRB STAGE 3		
Drawing Date	29/05/25		
Scale	As indicated @ A1	DO NOT SCALE	
Jacobs Project No.	B2140002		
Drawing Number	A9P02-JAC-SBR-D_ML075_ST-DR-ST-0001		Rev
			P01

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- Legend**
- Existing A9 carriageway
 - Watercourse
 - Transport Link
 - Other feature

A9P02-JAC-VTR-X_ZZZZ_ZZ-FG-TR-0005					
Client					
Project					
Drawing title					
Drawing Status					
Scale					
BIM No.					
Drawing number					
Rev					



A9P02-JAC-VTR-X_ZZZZ_ZZ-FG-TR-0006

Legend

- Existing A9 carriageway
- Watercourse
- Transport Link
- Other feature

Rev.	Rev. Date	Rev. Description	Orig/Dwn	Checked	Rev'd	Appr'd
p01	28/05/2025	DMRB STAGE 3 REPORT - FINAL	MM	DL	DL	MP

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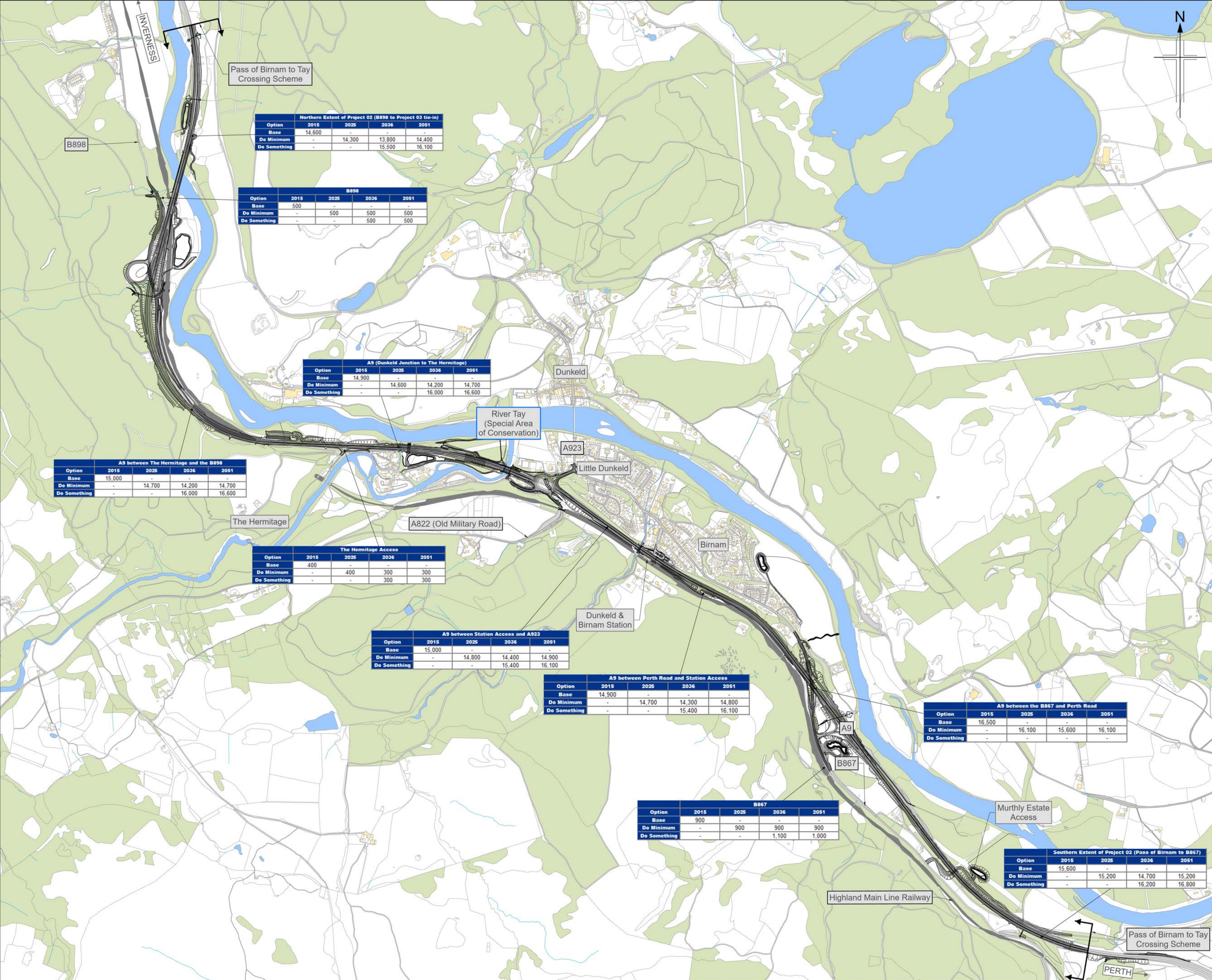
Client:

Project:

Drawing title: **DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
AADT TRAFFIC FLOWS
WITHOUT POLICY
SHEET 2 OF 2**

Drawing Status	S4 - ISSUED FOR STAGE APPROVAL		
Scale	1:3,000 @ A1 / 1:10,000 @ A3	DO NOT SCALE	
Jacobs No.	B2140002		
BIM No.			
Drawing number	A9P02-JAC-VTR-X_ZZZZ_ZZ-FG-TR-0006	Rev	P01

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Legend

Watercourse

Transport Link

Other feature

Proposed scheme

Cutting

Embankment

Structure

P01

28/05/2025

DMRB STAGE 3 REPORT - FINAL

MM

DL

DL

MP

Rev.

Rev. Date

Purpose of revision

Orig/Dwn

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Drawing title

DMRB STAGE 3

PASS OF BIRNAM TO TAY CROSSING

AADT TRAFFIC FLOWS

WITH POLICY

SHEET 1 OF 2

Drawing Status

S4 - ISSUED FOR STAGE APPROVAL

Scale

1:10,000 @ A1 / 1:10,000 @ A3

DO NOT SCALE

Jacobs No.

B2140002

BIM No.

Drawing number

A9P02-JAC-VTR-X_ZZZZZ_ZZ-FG-TR-0007

Rev

P01

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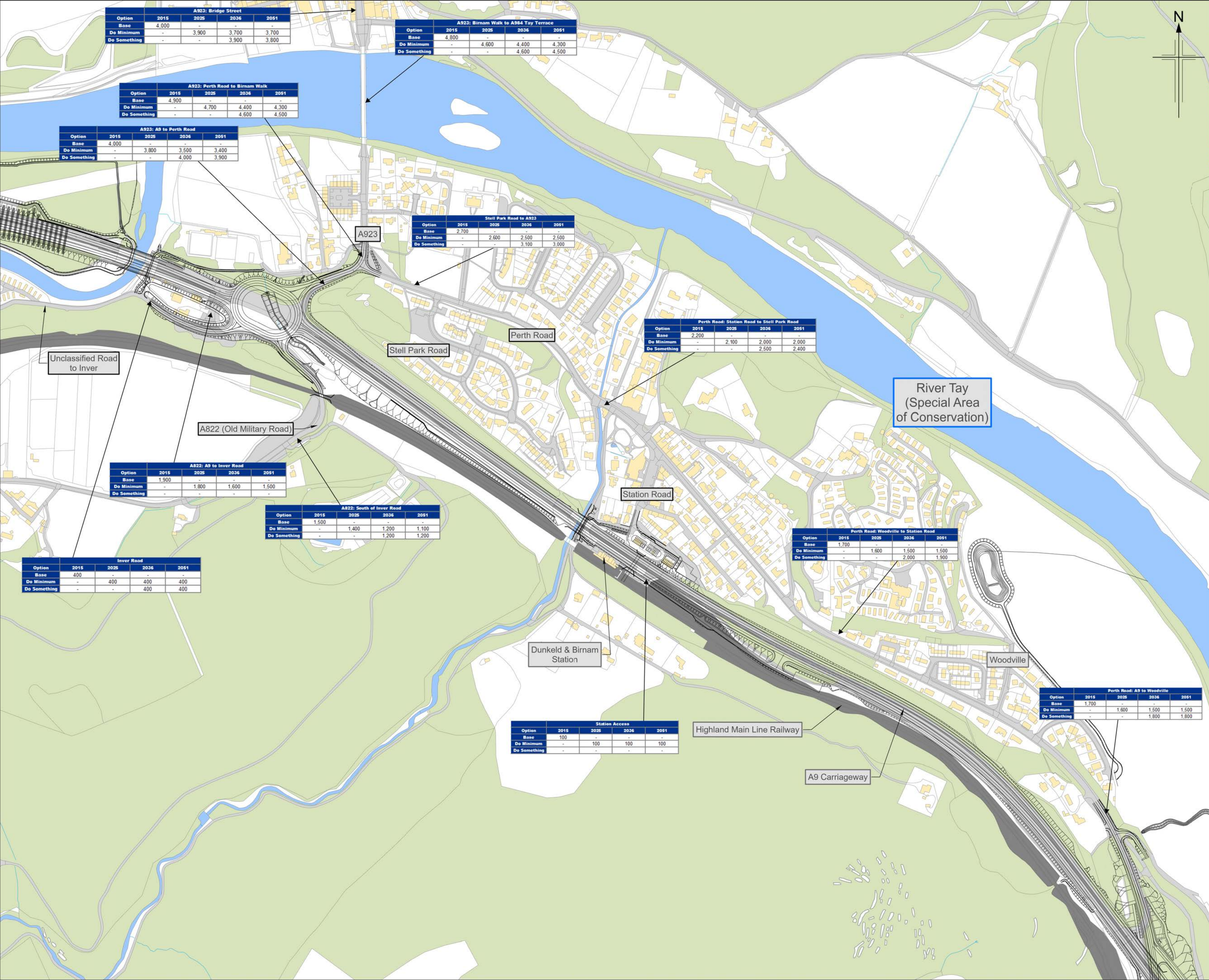
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kilometres



A9P02-JAC-VTR-X_ZZZZZ_ZZ-FG-TR-0008

Legend

- Watercourse
- Transport Link
- Other feature
- Proposed scheme
- Cutting
- Embankment
- Structure

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A9 DUALLING
PASS OF BIRNAM
TO TAY CROSSING

Drawing title

**DMRB STAGE 3
PASS OF BIRNAM TO TAY CROSSING
AADT TRAFFIC FLOWS
WITH POLICY
SHEET 2 OF 2**

Drawing Status	S4 - ISSUED FOR STATION APPROVAL		
Scale	1:3,000 @ A1 / 1:10,000 @ A3	DO NOT SCALE	
Jacobs No.	B2140002		
BIM No.			
Drawing number	A9P02-JAC-VTR-X_ZZZZZ_ZZ-FG-TR-0008	Rev	P01

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