

A46 Newark Bypass

TR010065/APP/2.6

2.6 Engineering Plans and Sections Part 6 – Structures General Arrangements

APFP Regulation 5(2)(o), 5(2)(p) and 6(2)

Planning Act 2008

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

Volume 2

April 2024

Infrastructure Planning

Planning Act 2008

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

A46 Newark Bypass

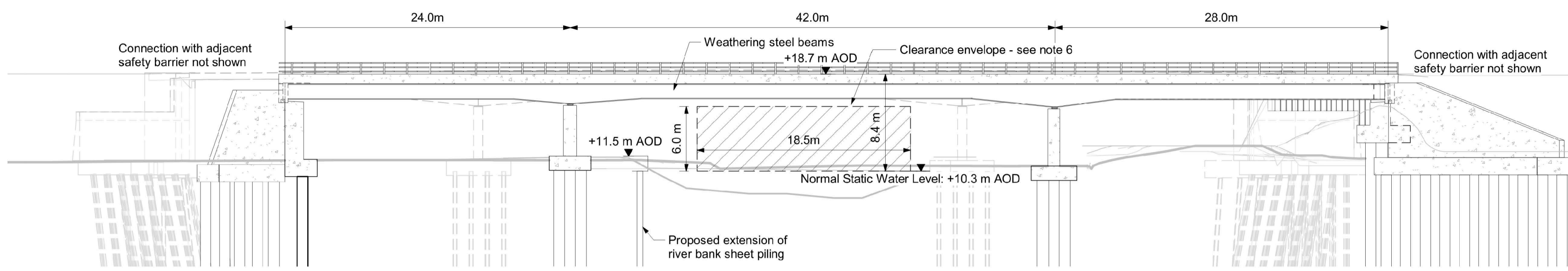
Development Consent Order 202[x]

Engineering Plans and Sections

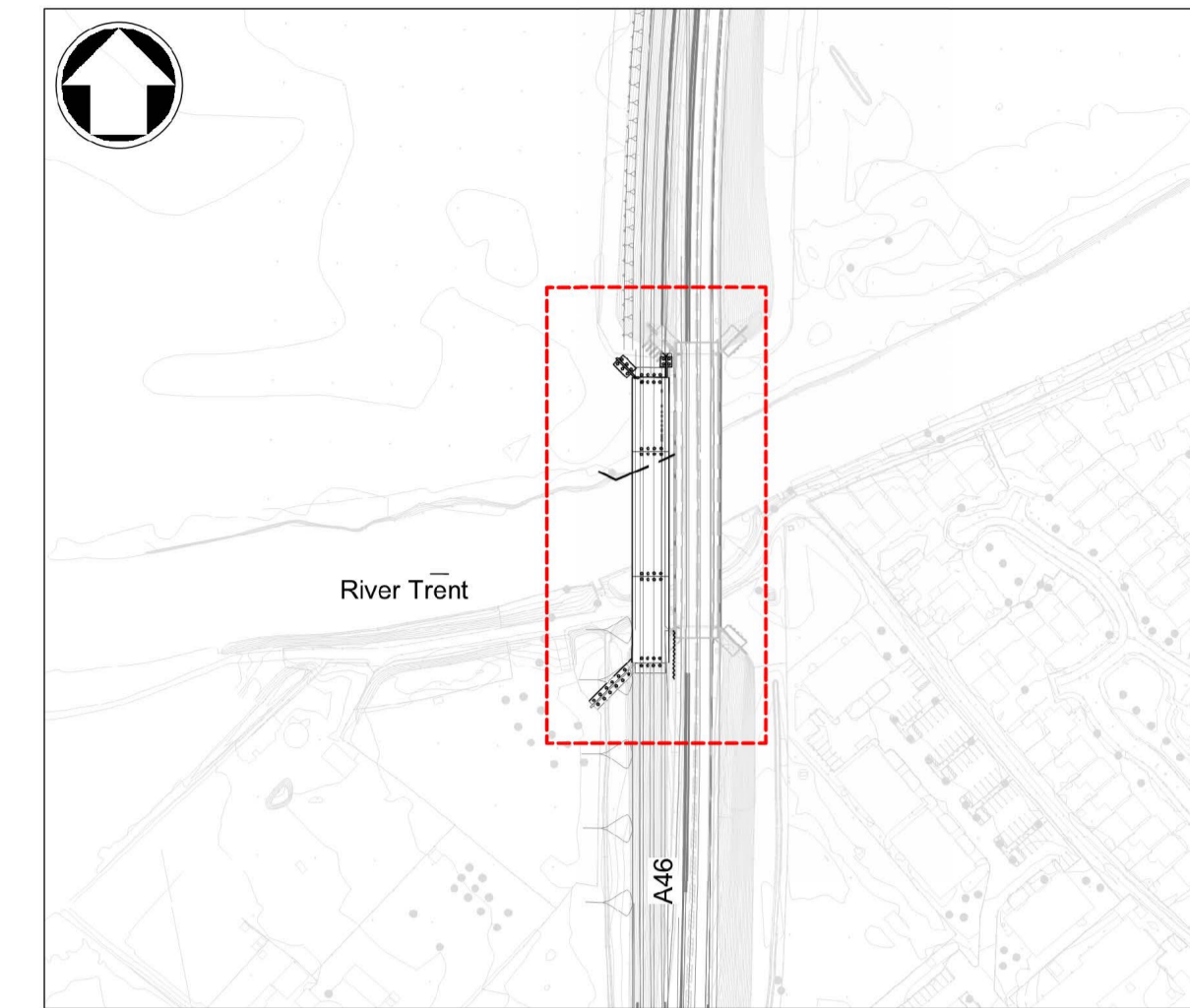
Part 6 – Structures General Arrangements

Regulation Number:	Regulation 5(2)(o), 5(2)(p) and 6(2)
Planning Inspectorate Scheme Reference	TR010065
Application Document Reference	TR010065/APP/2.6
Author:	A46 Newark Bypass Project Team, National Highways

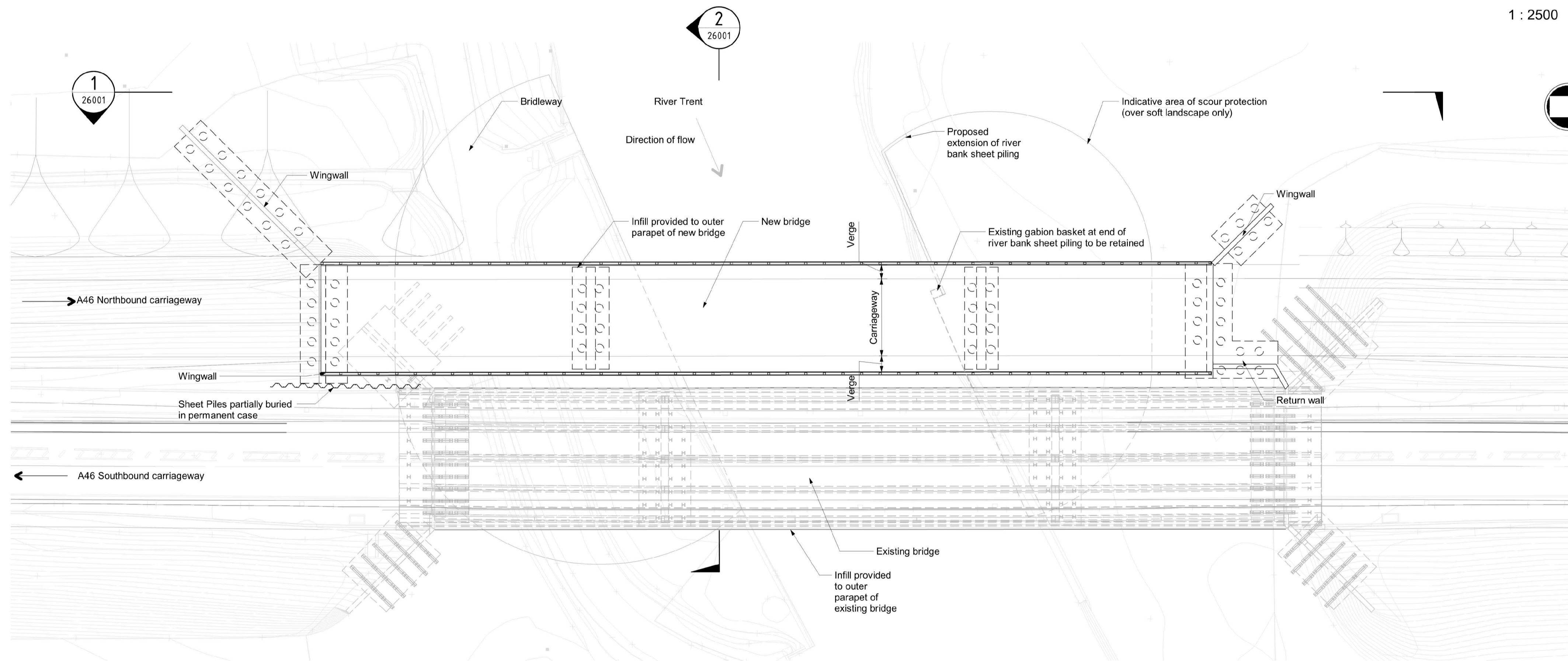
Version	Date	Status of Version
Rev 1	April 2024	DCO Application



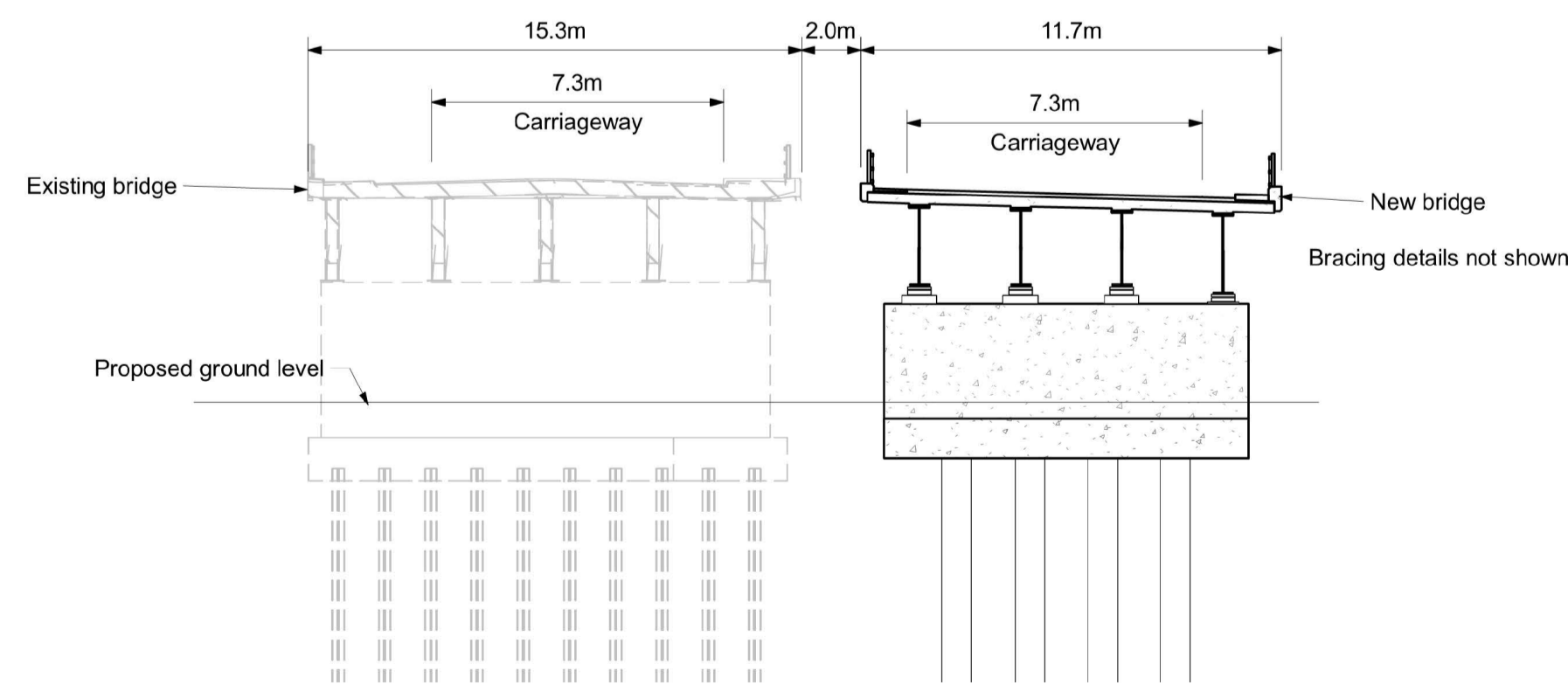
West Elevation - 1
1 : 300



Location Plan
1 : 2500



Bridge Plan
1 : 300



Elevation 2
1 : 200

NOTES

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- The 6.0m clearance envelope above the Normal Static Water Level includes the requirement of the Canal & Rivers Trust that a minimum of 3.81m vertical clearance shall be maintained above the maximum navigable river level.

CO3	12.03.23	DCO APPLICATION	DH	TN	HF
CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

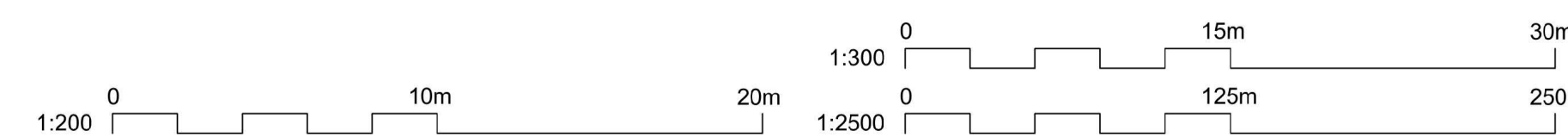
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

PROJECT TITLE
A46 NEWARK BYPASS

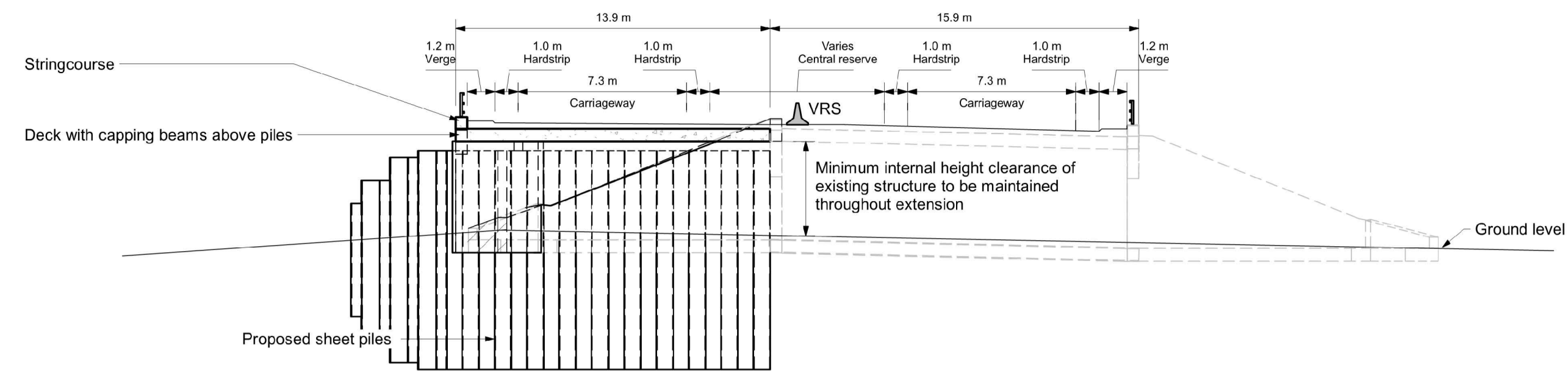
DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS - SHEET 1 OF 12
WINDMILL VIADUCT - NORTHBOUND

ORIGINAL SIZE: A1 SCALE: As shown

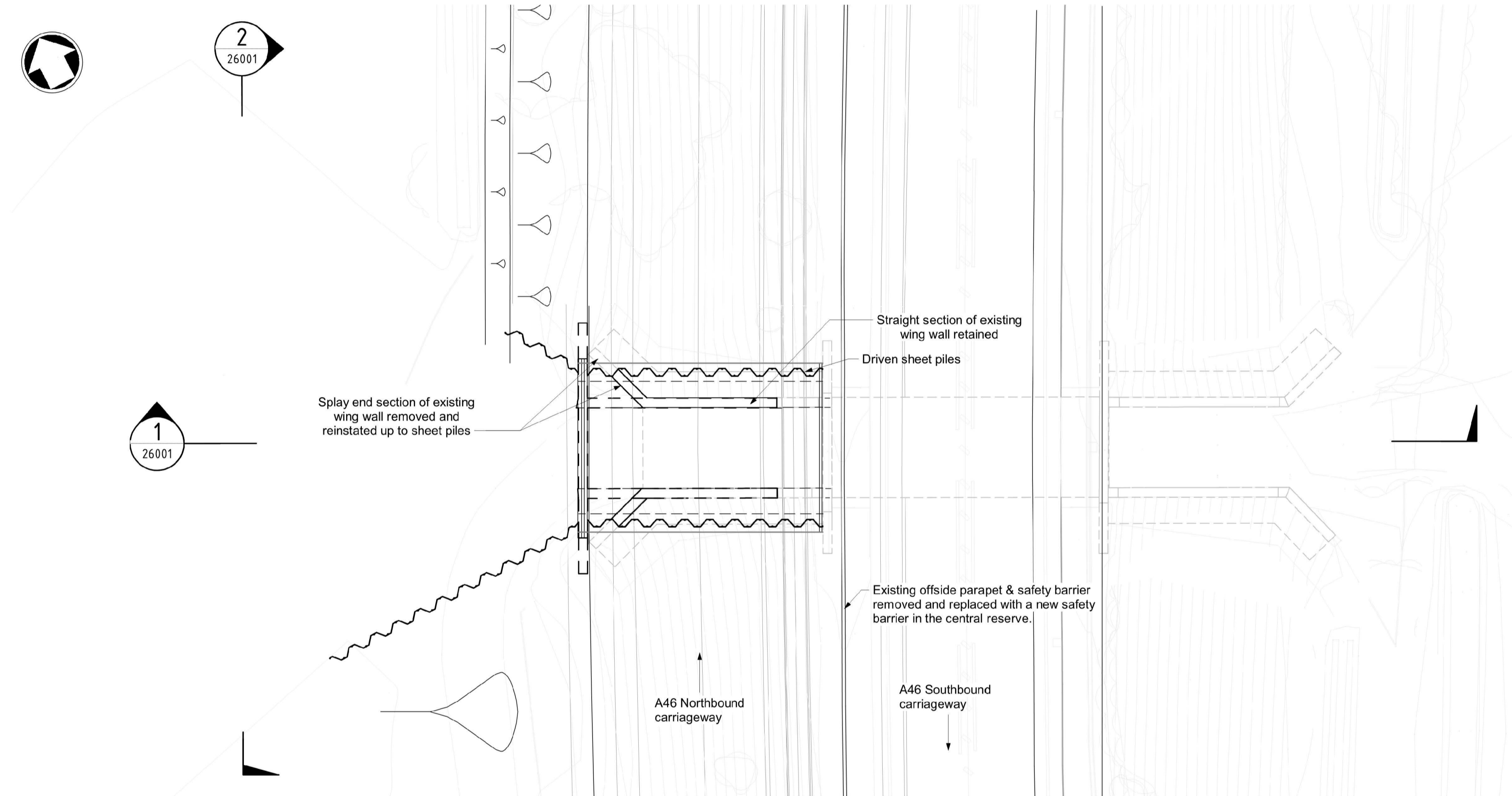
DRAWING NUMBER HE PIN	ORIGINATOR	VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR			REVISION C03
SECT1_B02N - DR - CB - 26001			
LOCATION	TYPE	ROLE	NUMBER



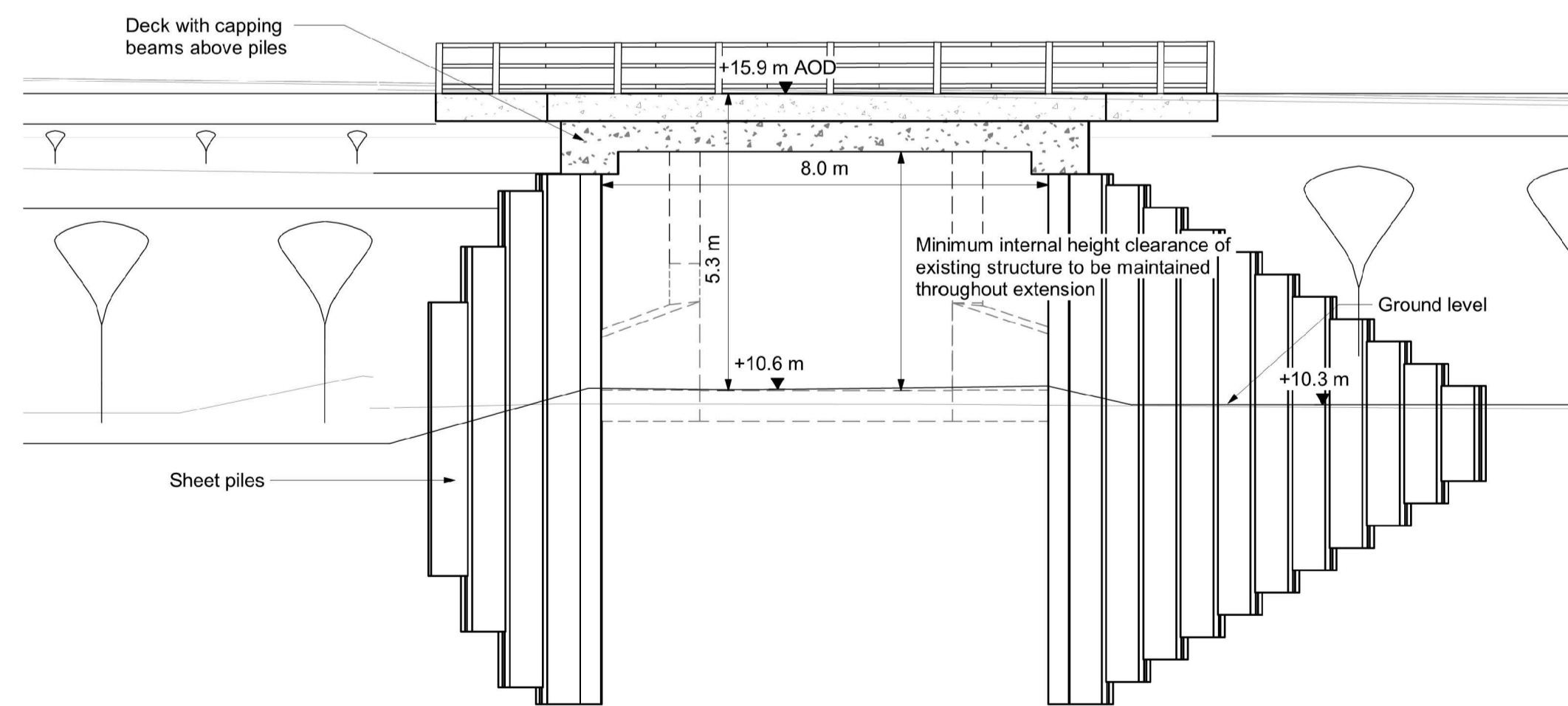
100
90
80
70
60
50
40
30
20
10
0



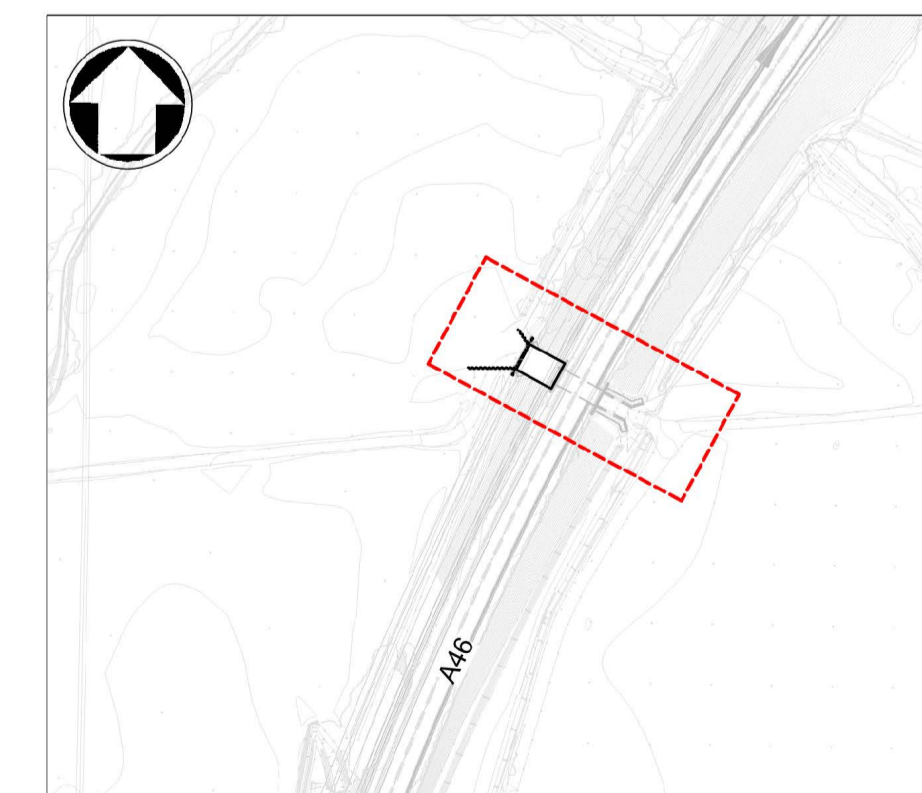
Elevation 1
1 : 200



Bridge Plan
1 : 200



West Elevation - 2
1 : 100



Location Plan
1 : 2500

NOTES

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CO3	12.03.23	DCO APPLICATION	DH	TN	HF
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REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

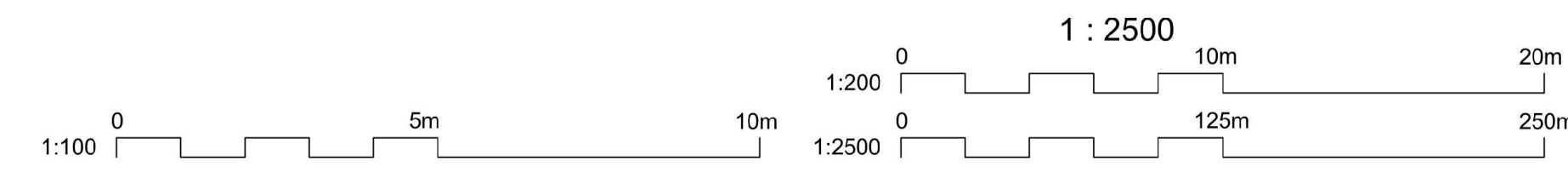
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

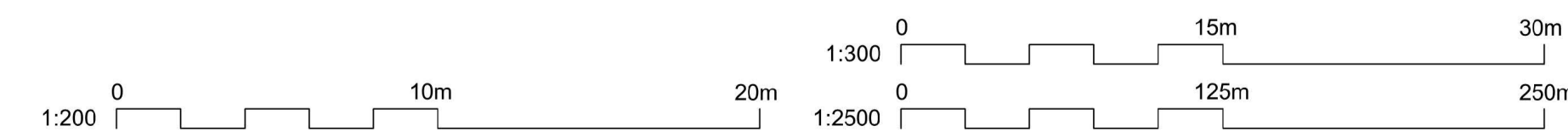
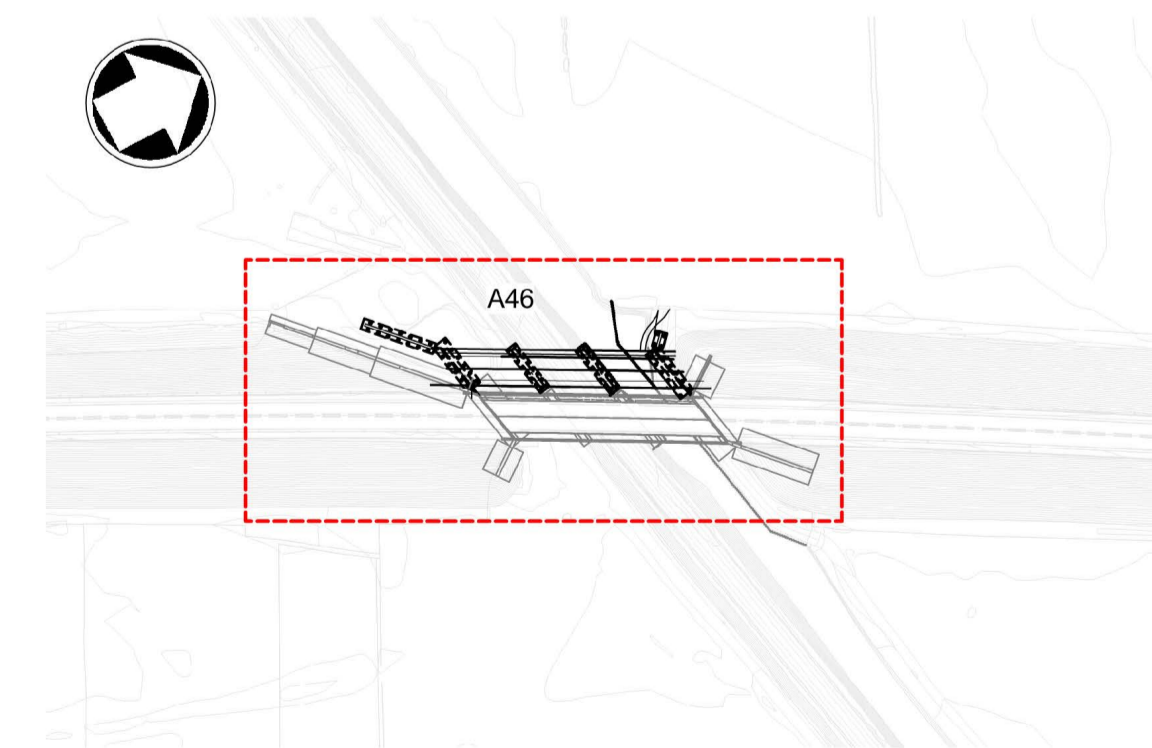
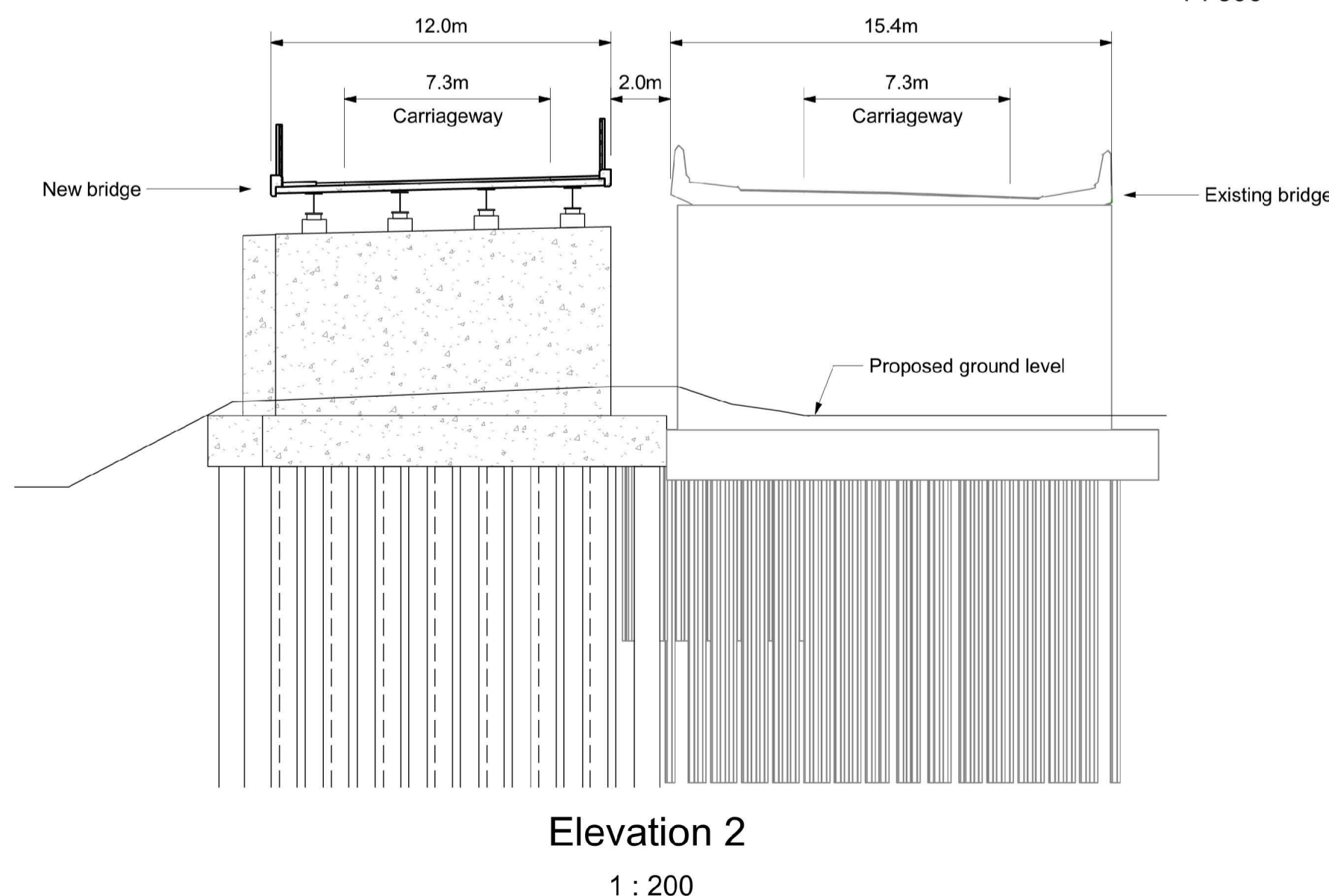
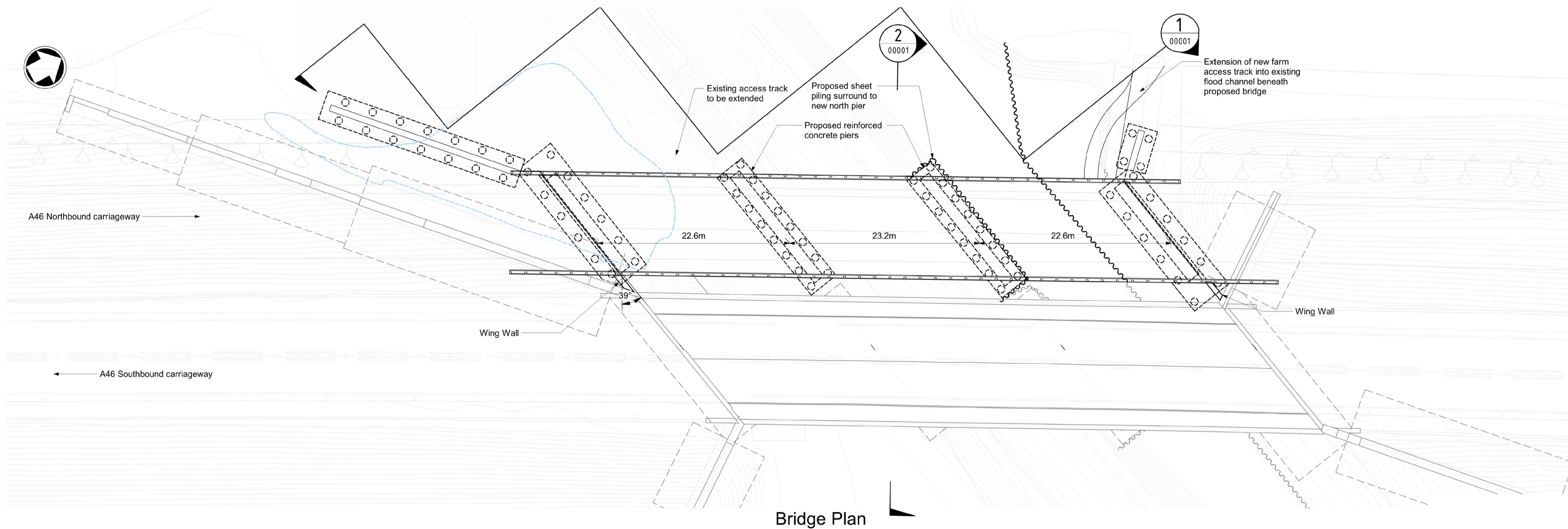
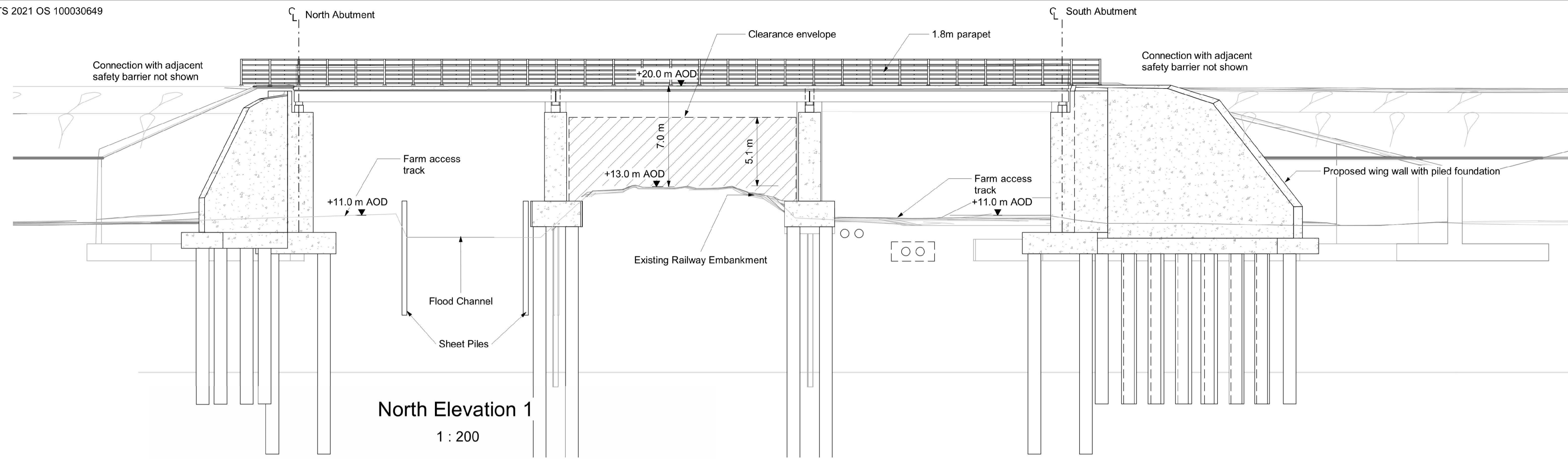
PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS - SHEET 2 OF 12
FARM ACCESS EXTENSION

ORIGINAL SIZE: A1 SCALE: As Shown

DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		
SECT1_B03N - DR - CB - 26001		REVISION C03
LOCATION	TYPE	ROLE





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CO3	12.03.23	DCO APPLICATION	DH	TN	HF
CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

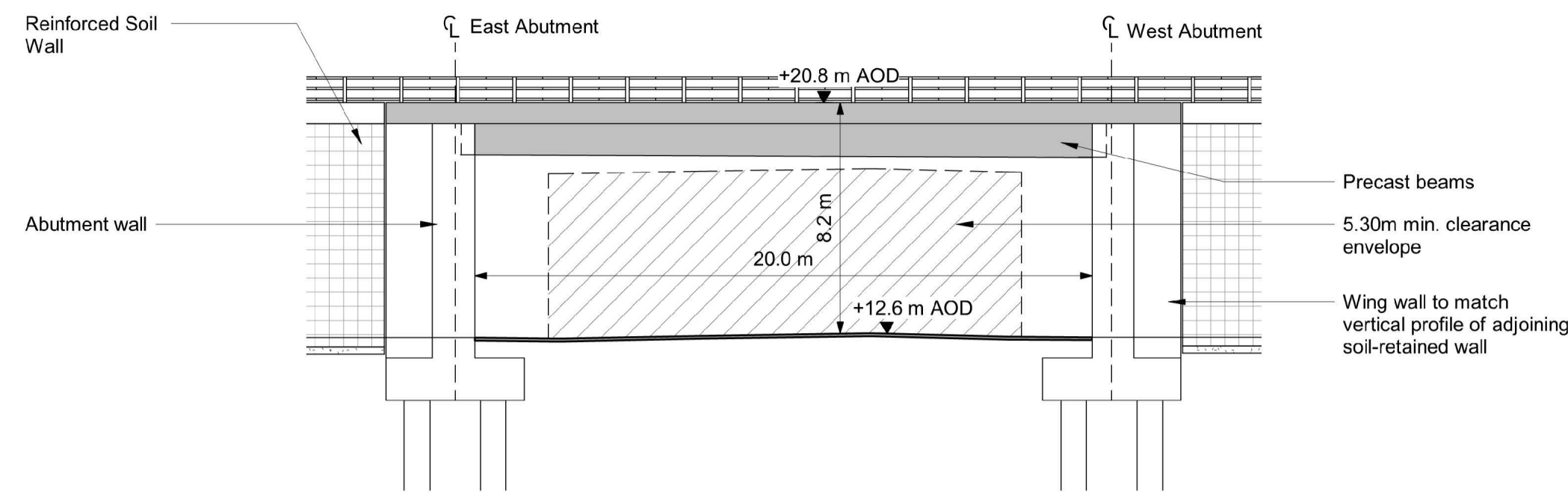
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(a), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS – SHEET 3 OF 12
NOTTINGHAM-LINCOLN RAILWAY-WEST - NORTHBOUND

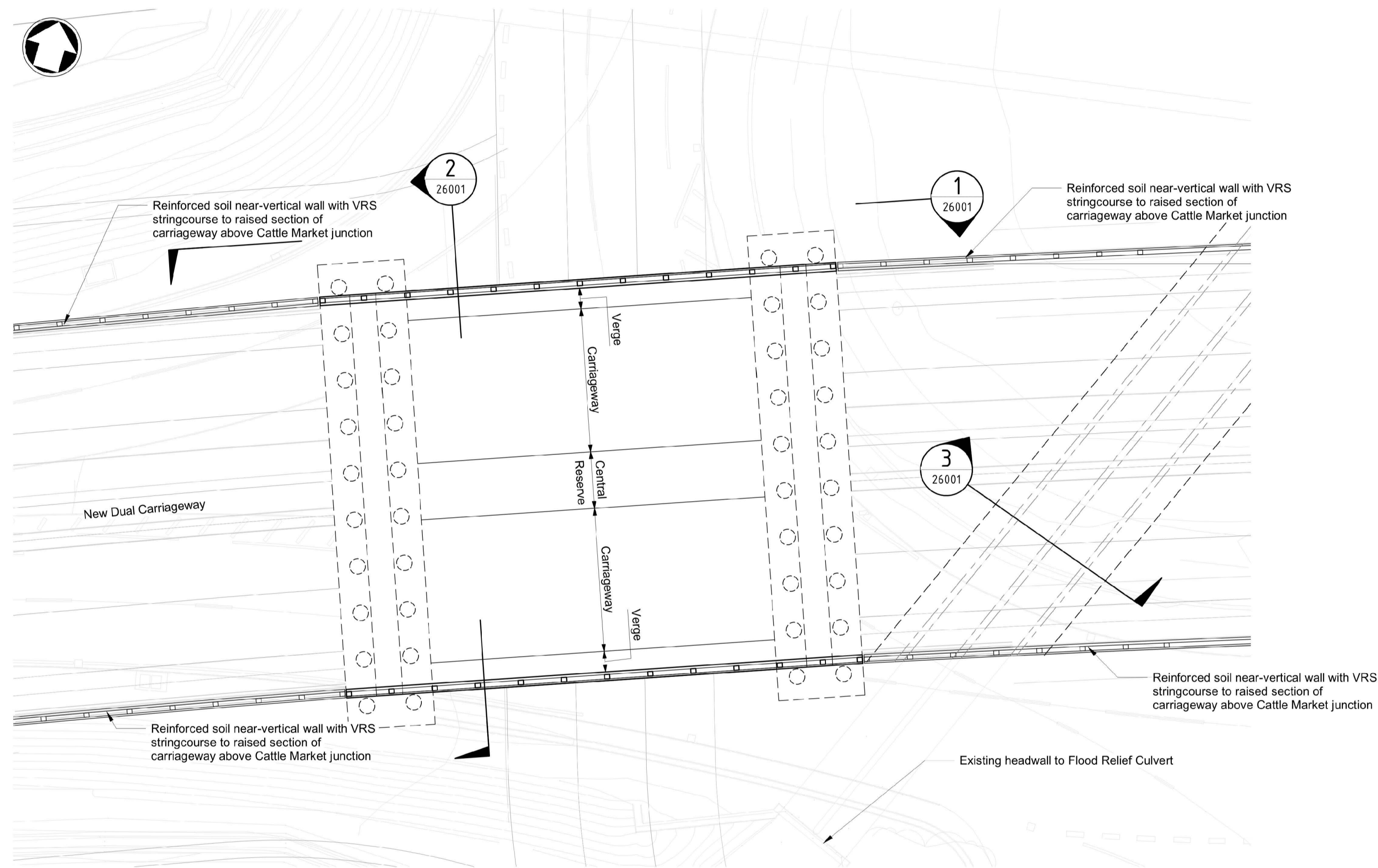
ORIGINAL SIZE: A1 SCALE: As Shown

DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		REVISION
SECT1_B04N - DR - CB - 26001		C03
LOCATION	TYPE	ROLE



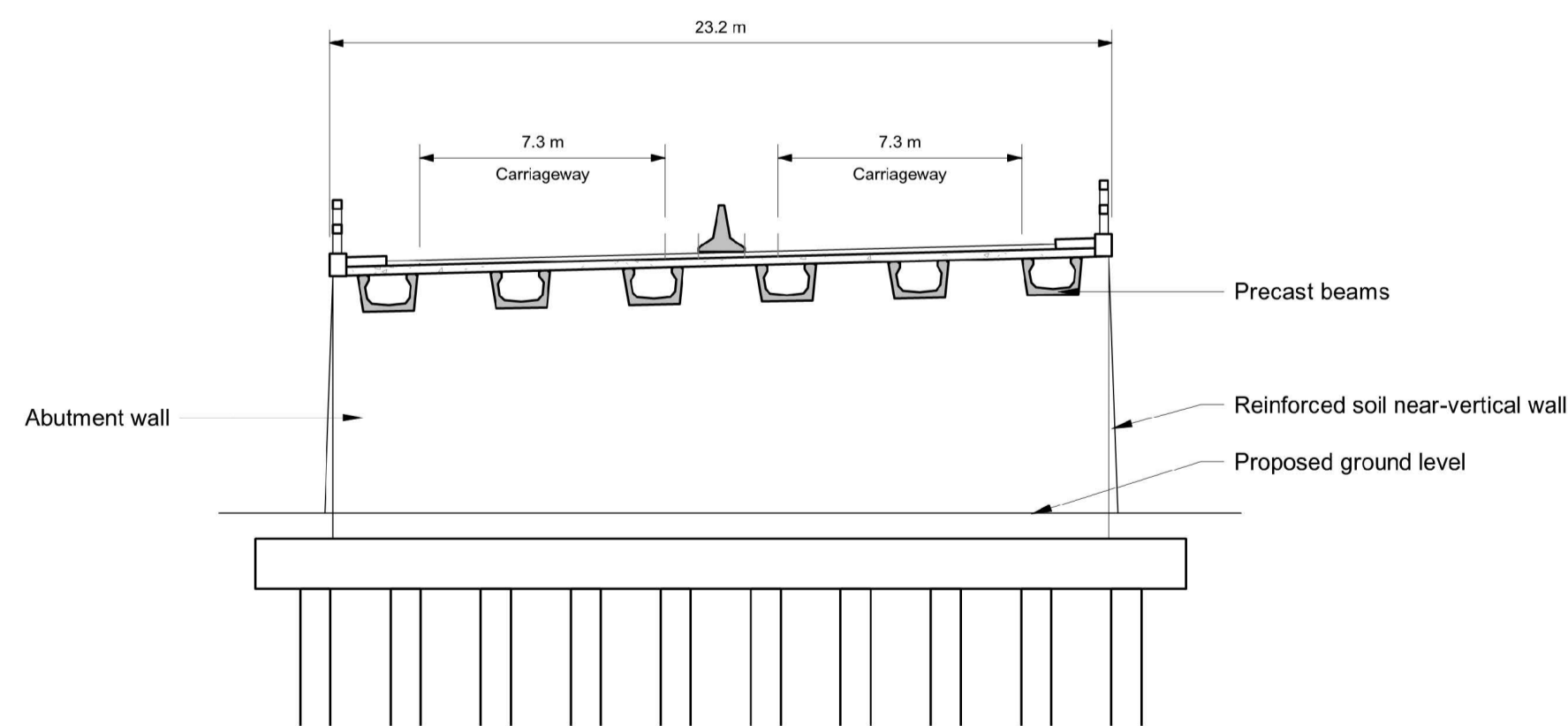
North Elevation - 1

1 : 200



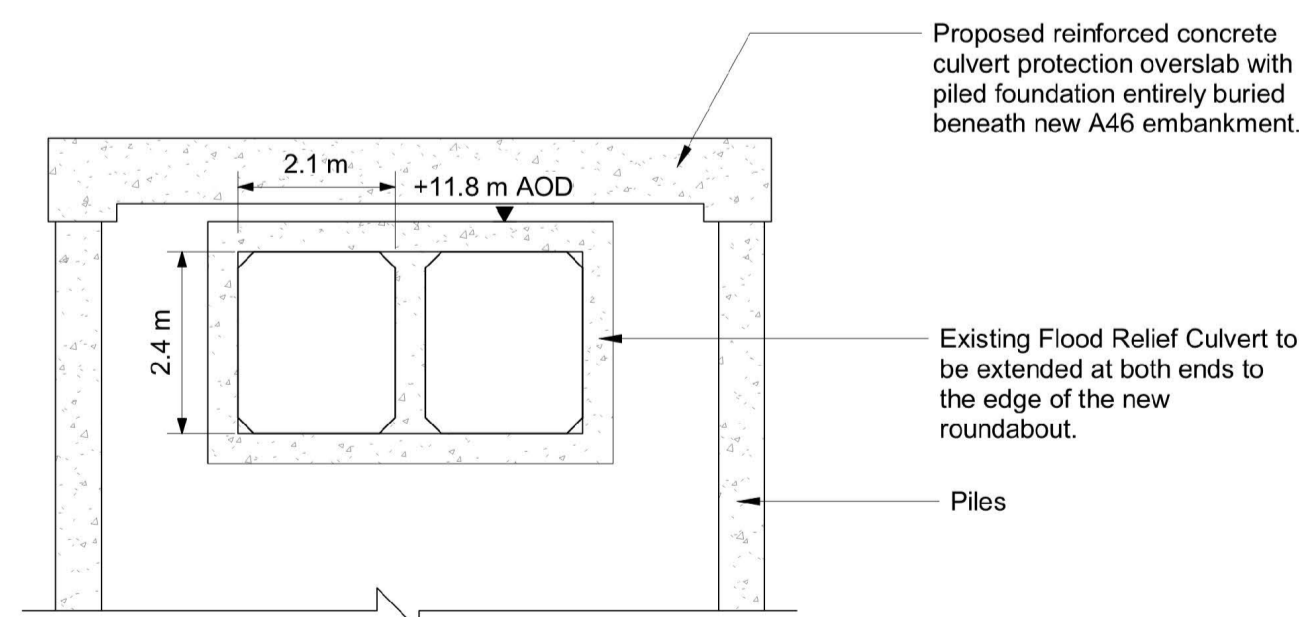
Bridge plan

1 : 200



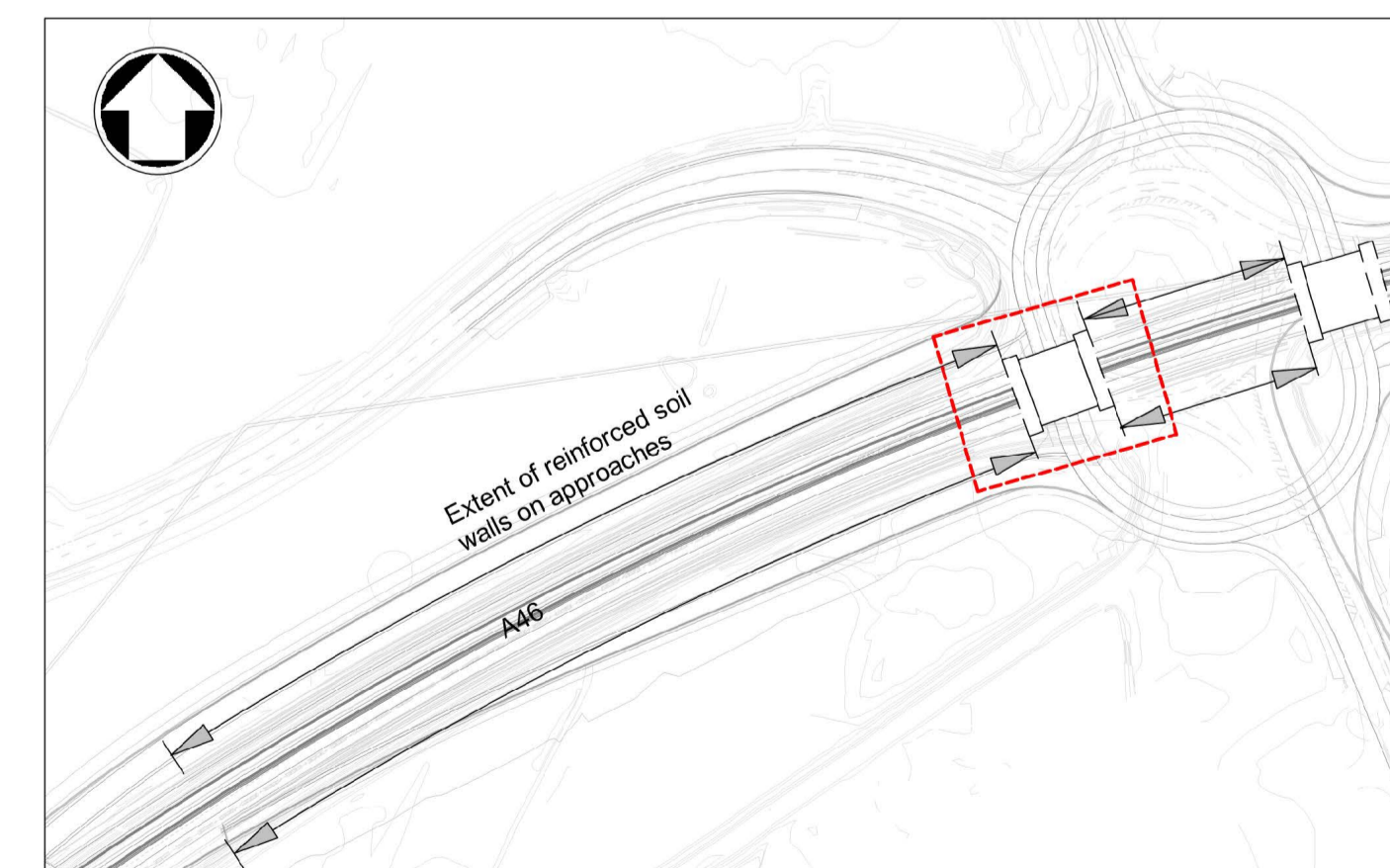
Elevation - 2

1 : 200



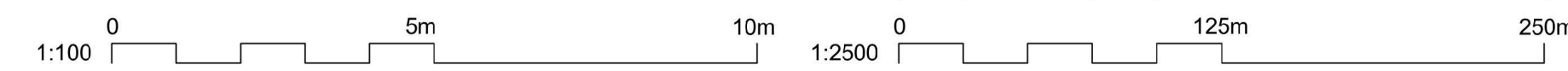
Elevation - 3

1 : 100



Location plan

1 : 2500



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CO3	12.03.23	DCO APPLICATION	DH	TN	HF
CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

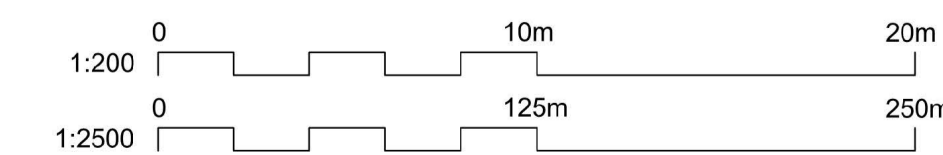
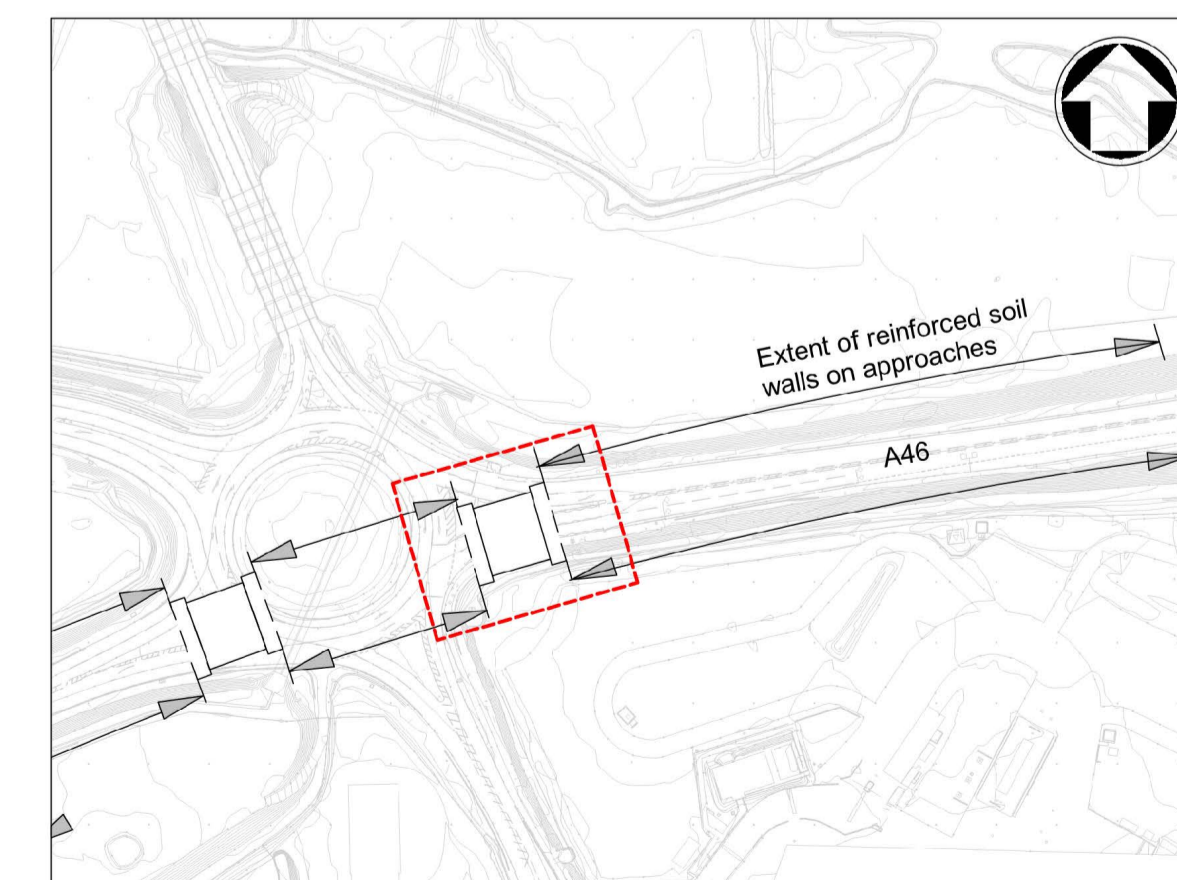
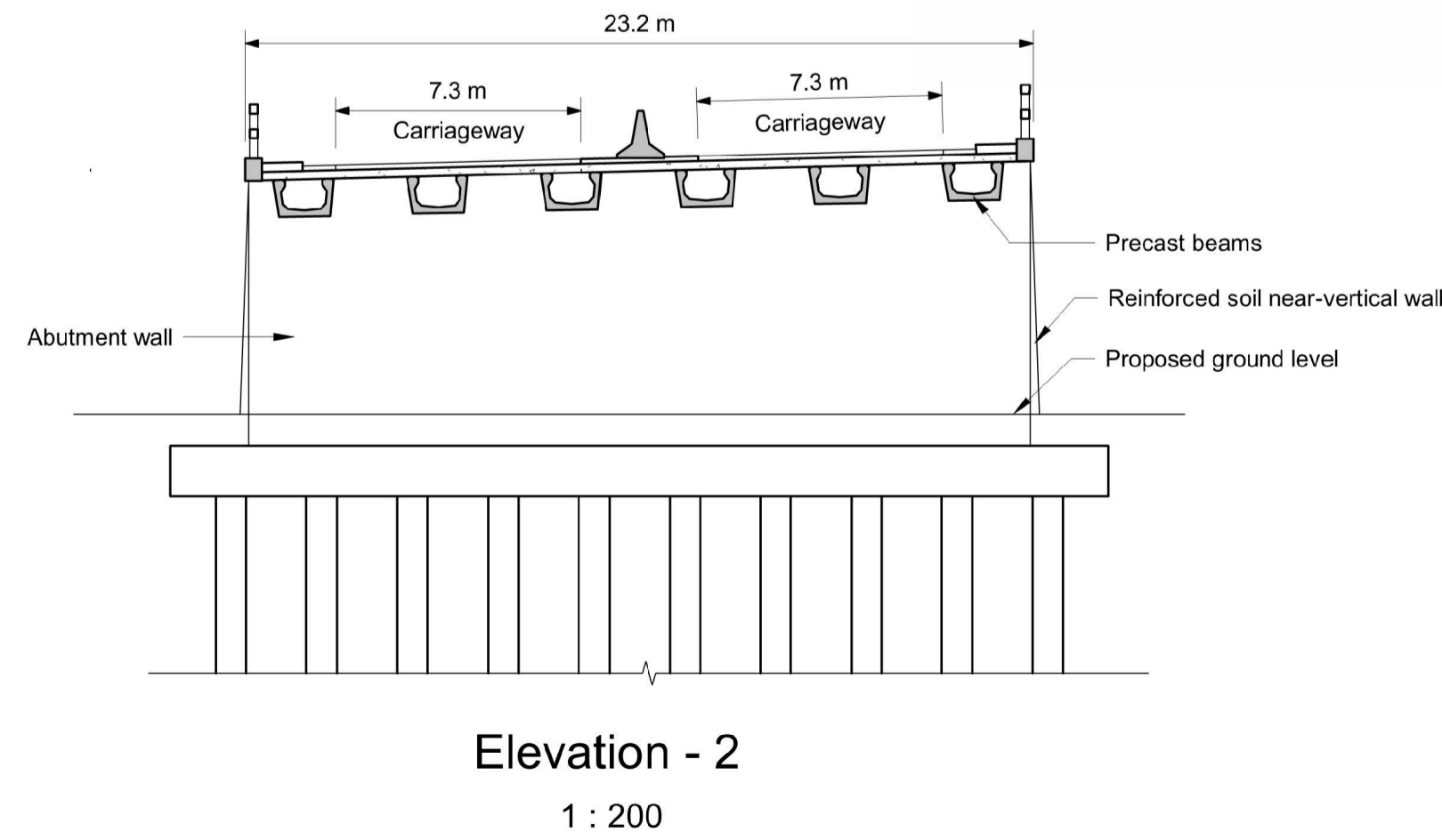
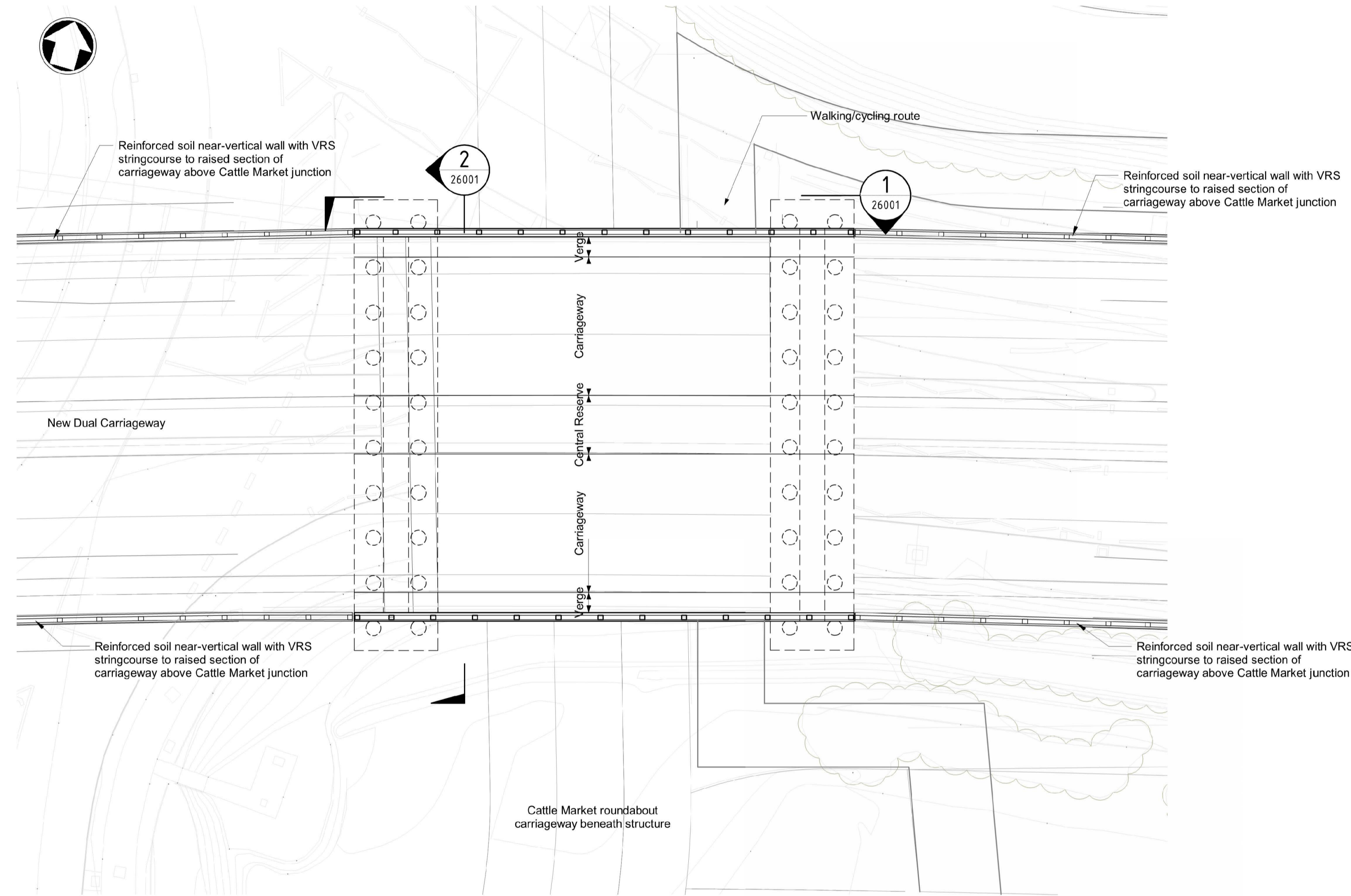
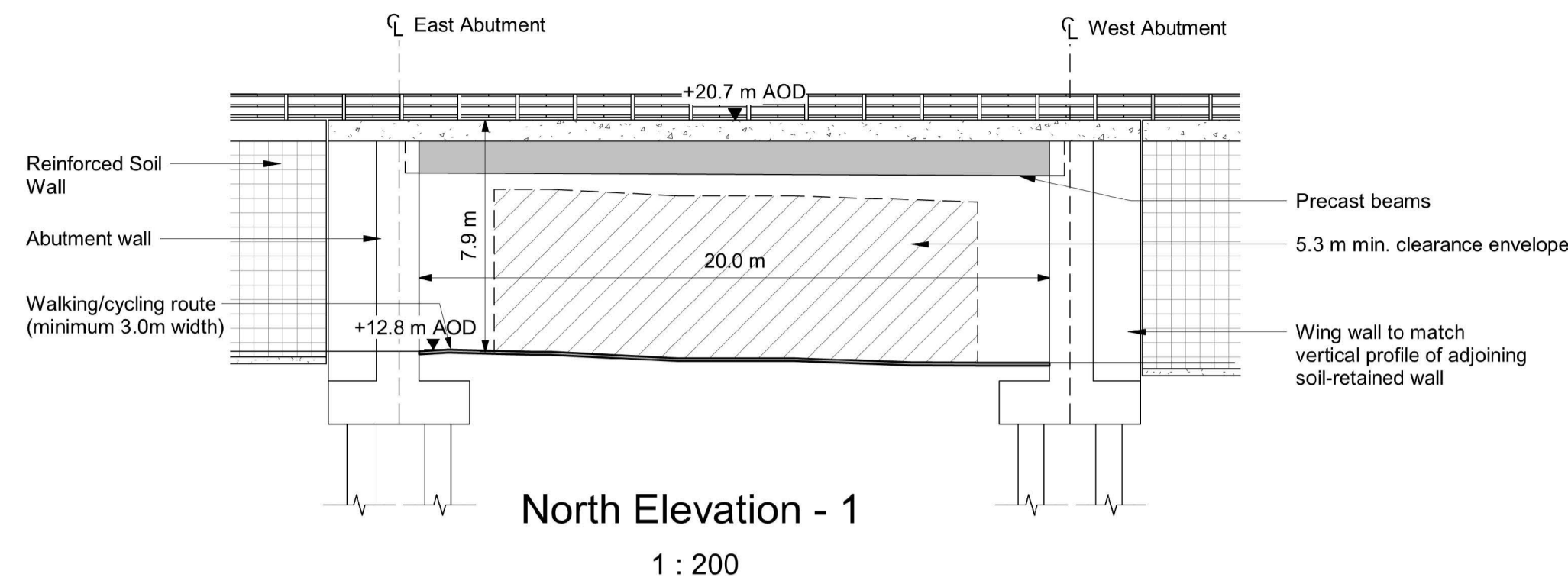
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS - SHEET 4 OF 12
CATTLE MARKET WEST BRIDGE

ORIGINAL SIZE: A1 SCALE: As Shown

DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		
SECT2_B05N - DR - CB - 26001	REVISION NUMBER	C03



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CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

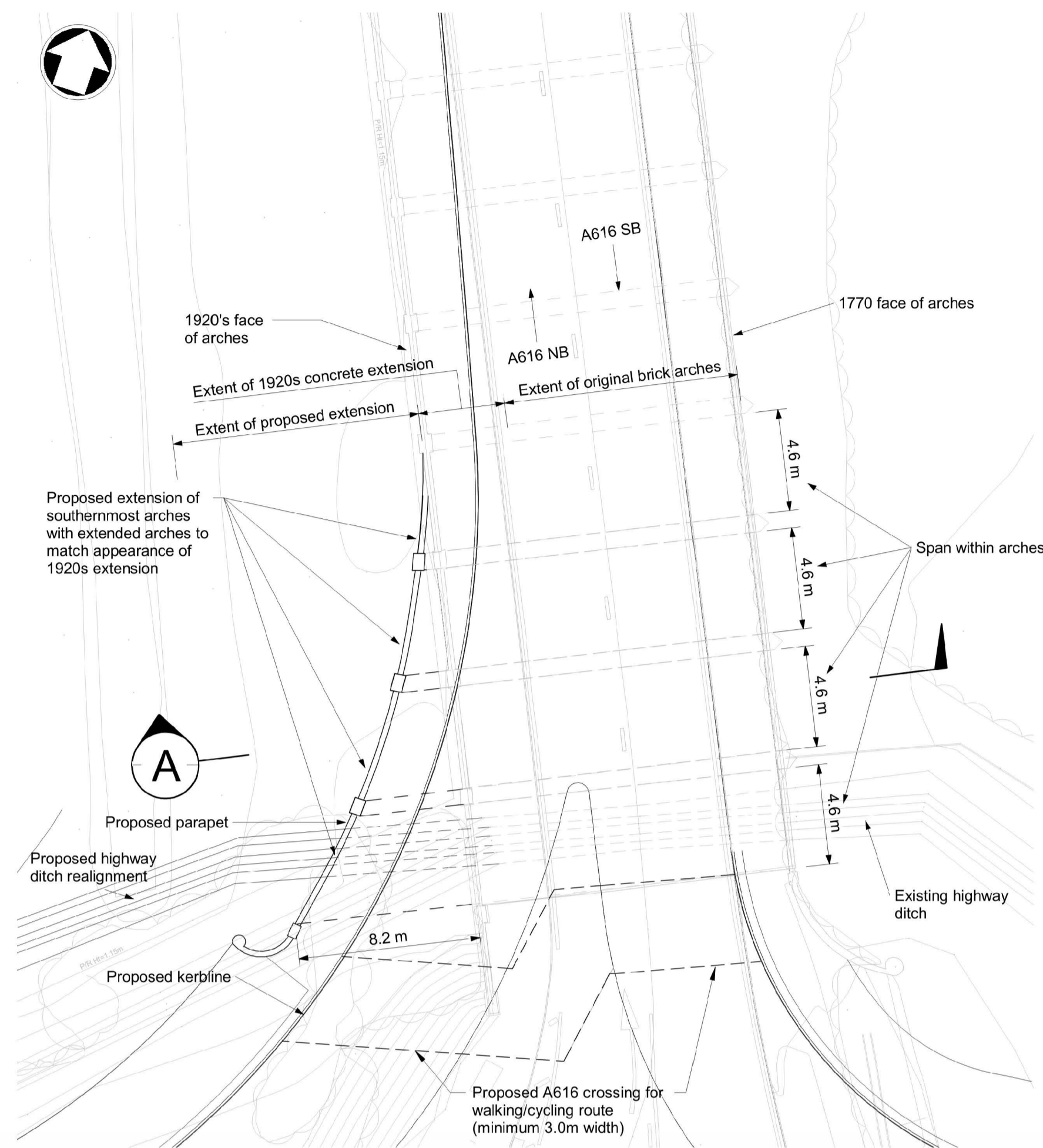
DEVELOPMENT CONSENT ORDER NUMBER
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PROJECT TITLE
A46 NEWARK BYPASS

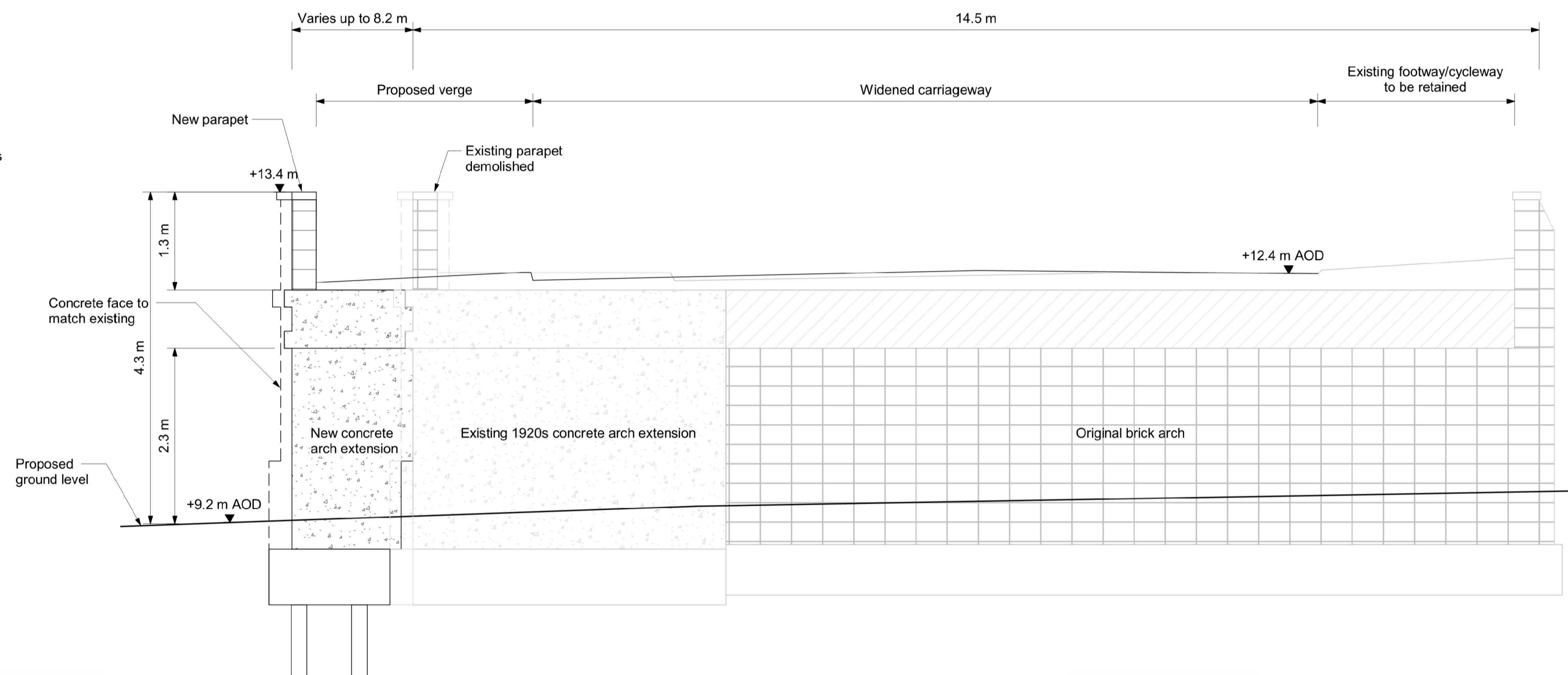
DRAWING TITLE
**ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(a), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS – SHEET 5 OF 12
CATTLE MARKET EAST BRIDGE**

ORIGINAL SIZE: A1 SCALE: As Shown

DRAWING NUMBER HE PIN	ORIGINATOR	VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR			REVISION
SECT2_B06N - DR - CB - 26001			C03
LOCATION	TYPE	ROLE	NUMBER



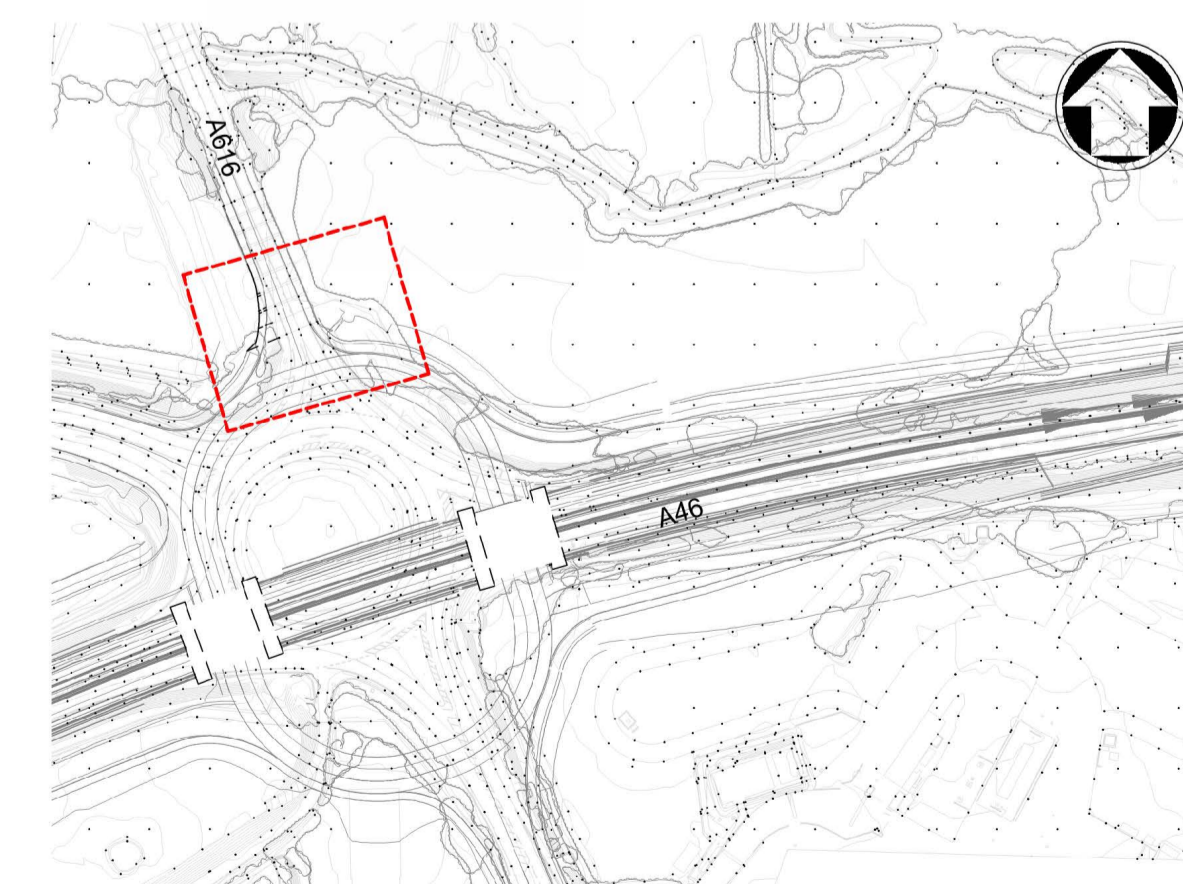
Bridge Plan
1 : 200



Sectional Elevation A
1 : 50



View of west side of arches



Location Plan
1 : 2500

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CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

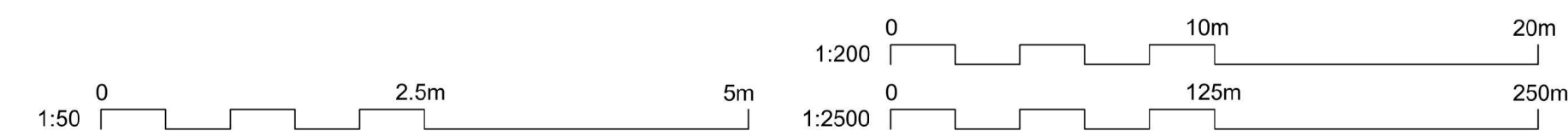
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

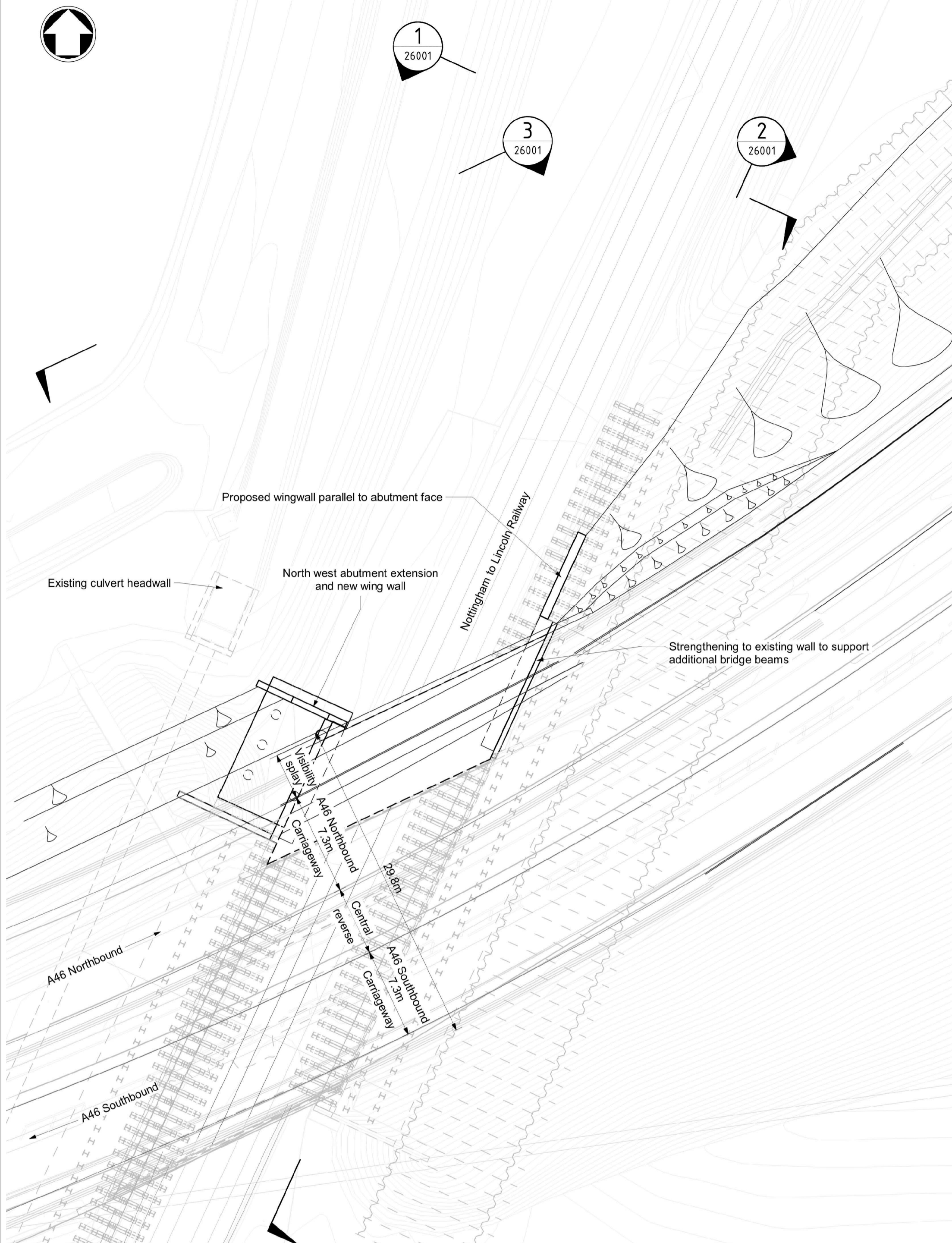
PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(a), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS – SHEET 6 OF 12
SMEATON'S ARCHES

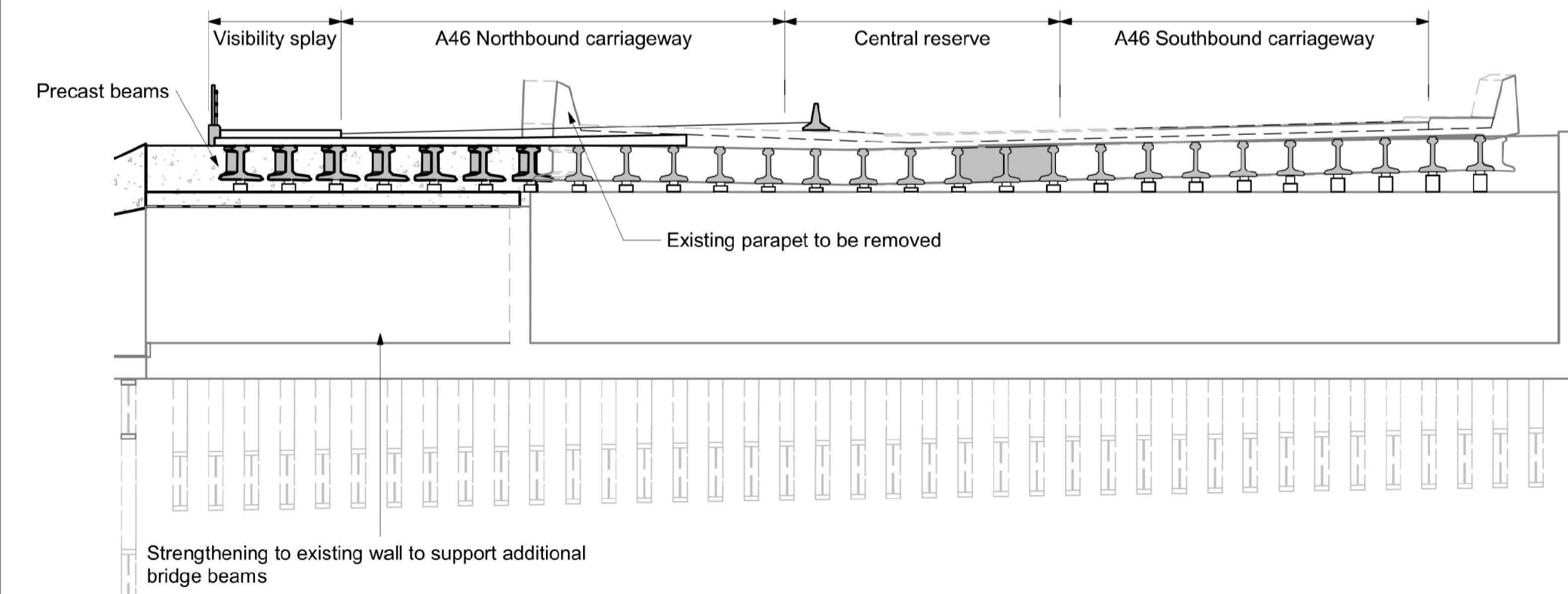
ORIGINAL SIZE: A1 SCALE: As Shown

DRAWING NUMBER HE PIN	ORIGINATOR	VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR			REVISION
SECT2_B07N - DR - CB - 26001			C03
LOCATION	TYPE	ROLE	NUMBER

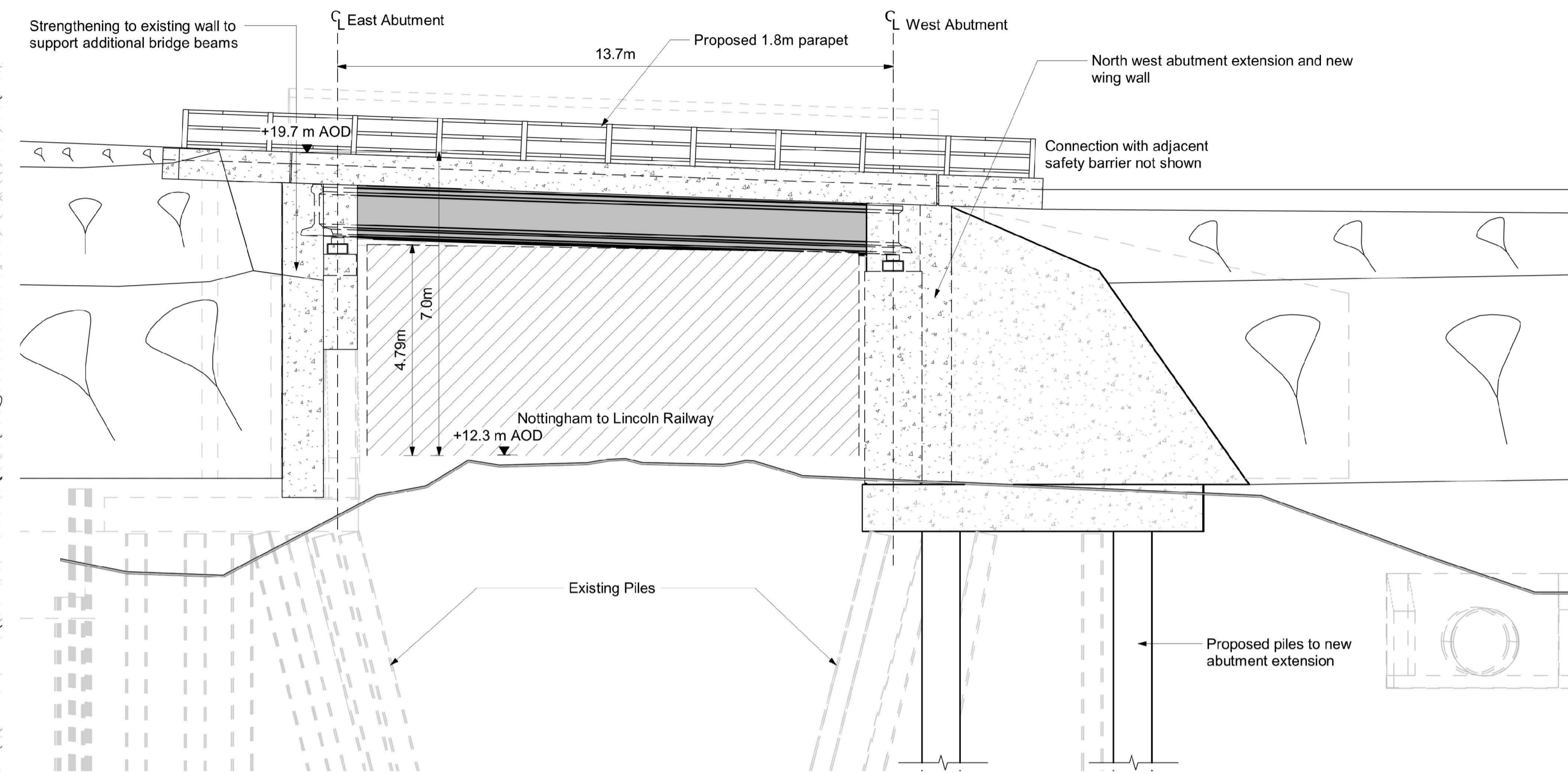




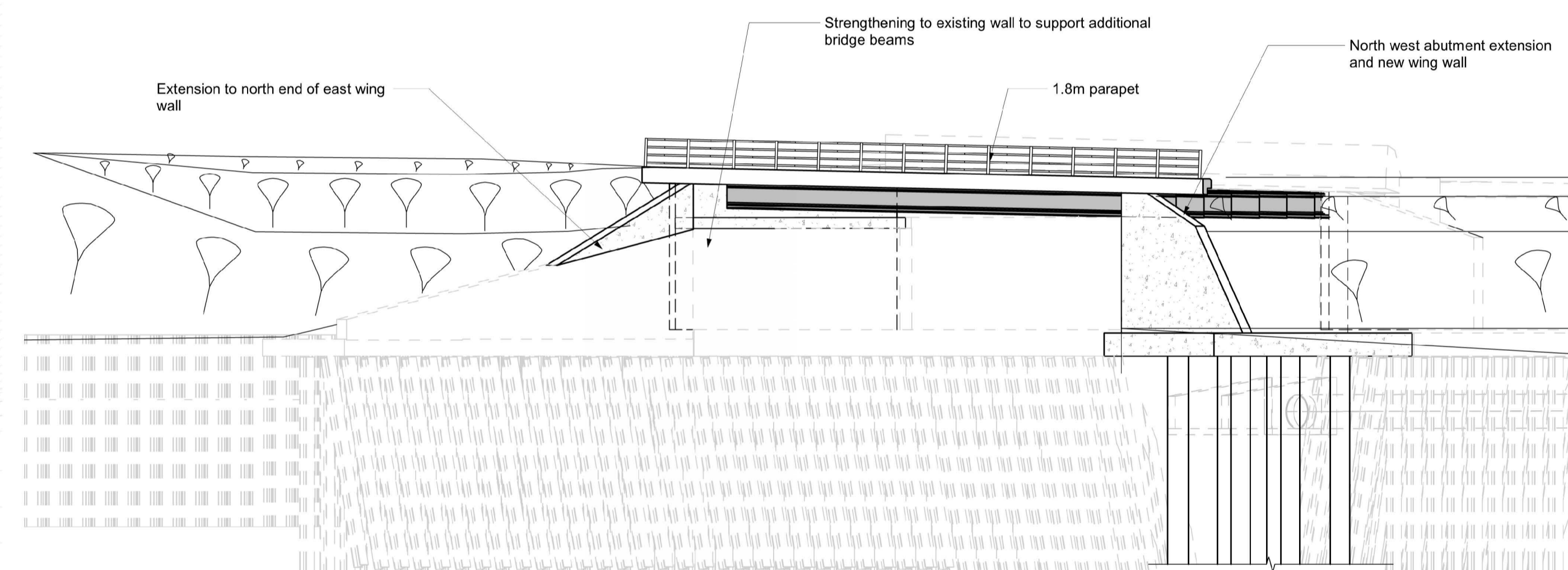
Proposed Detail Plan
1 : 300



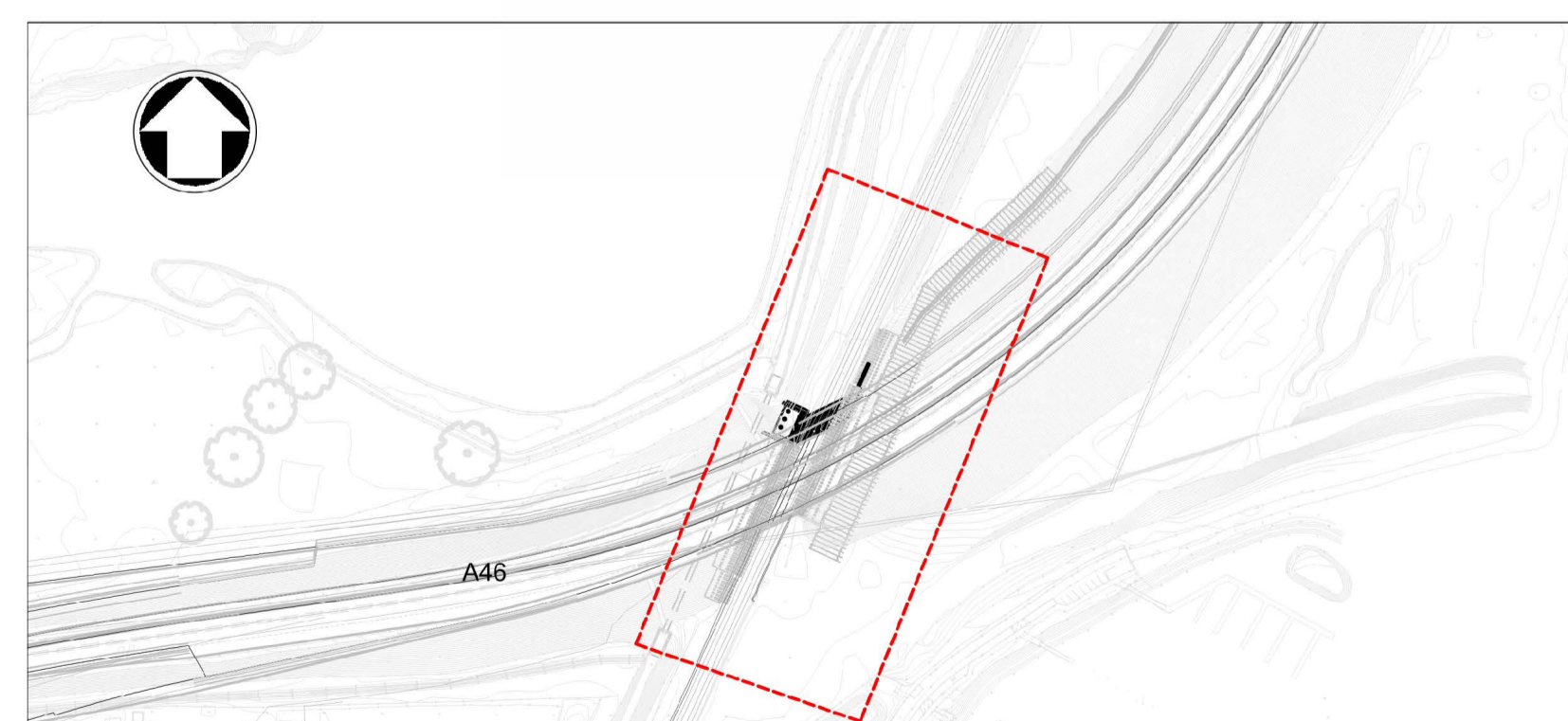
Elevation 2 - Proposed Elevation of East Abutment
1 : 200



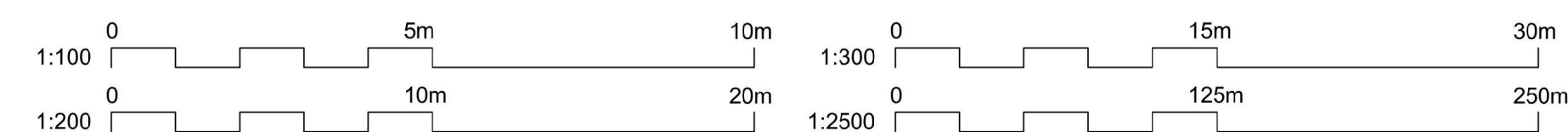
Elevation 1
1 : 100



Elevation 3 - Proposed North Elevation
1 : 200



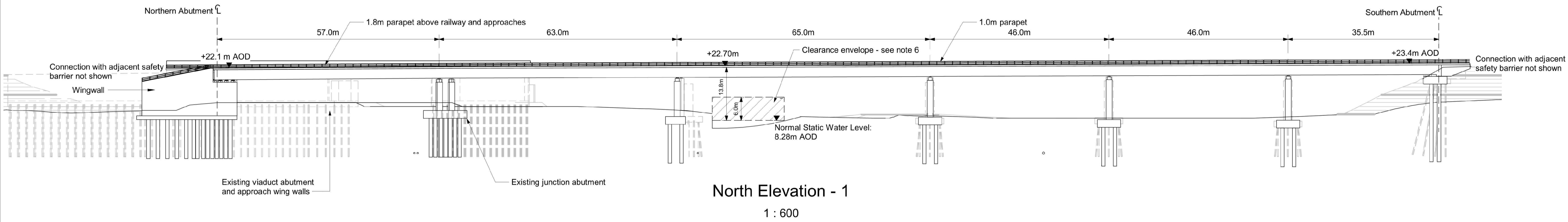
Location Plan
1 : 2500



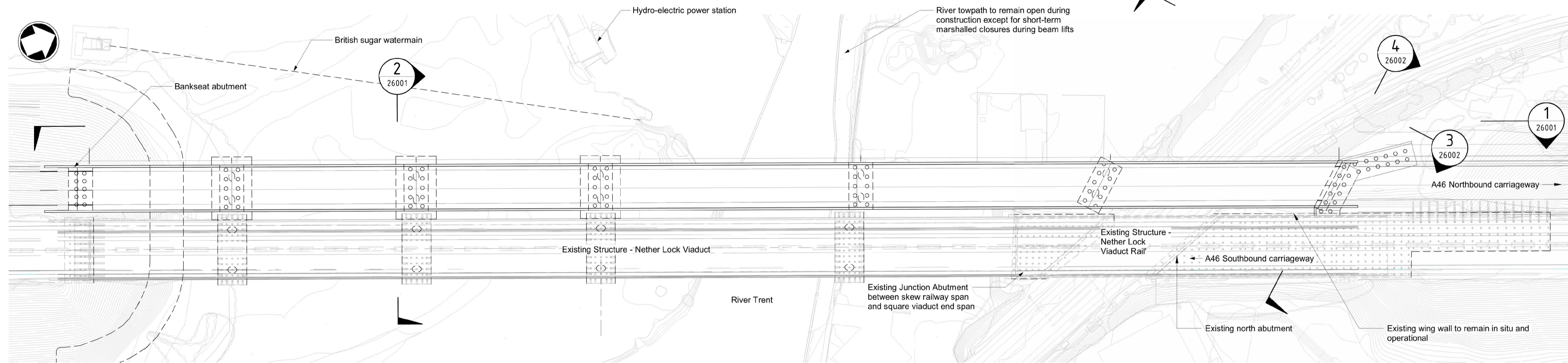
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CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

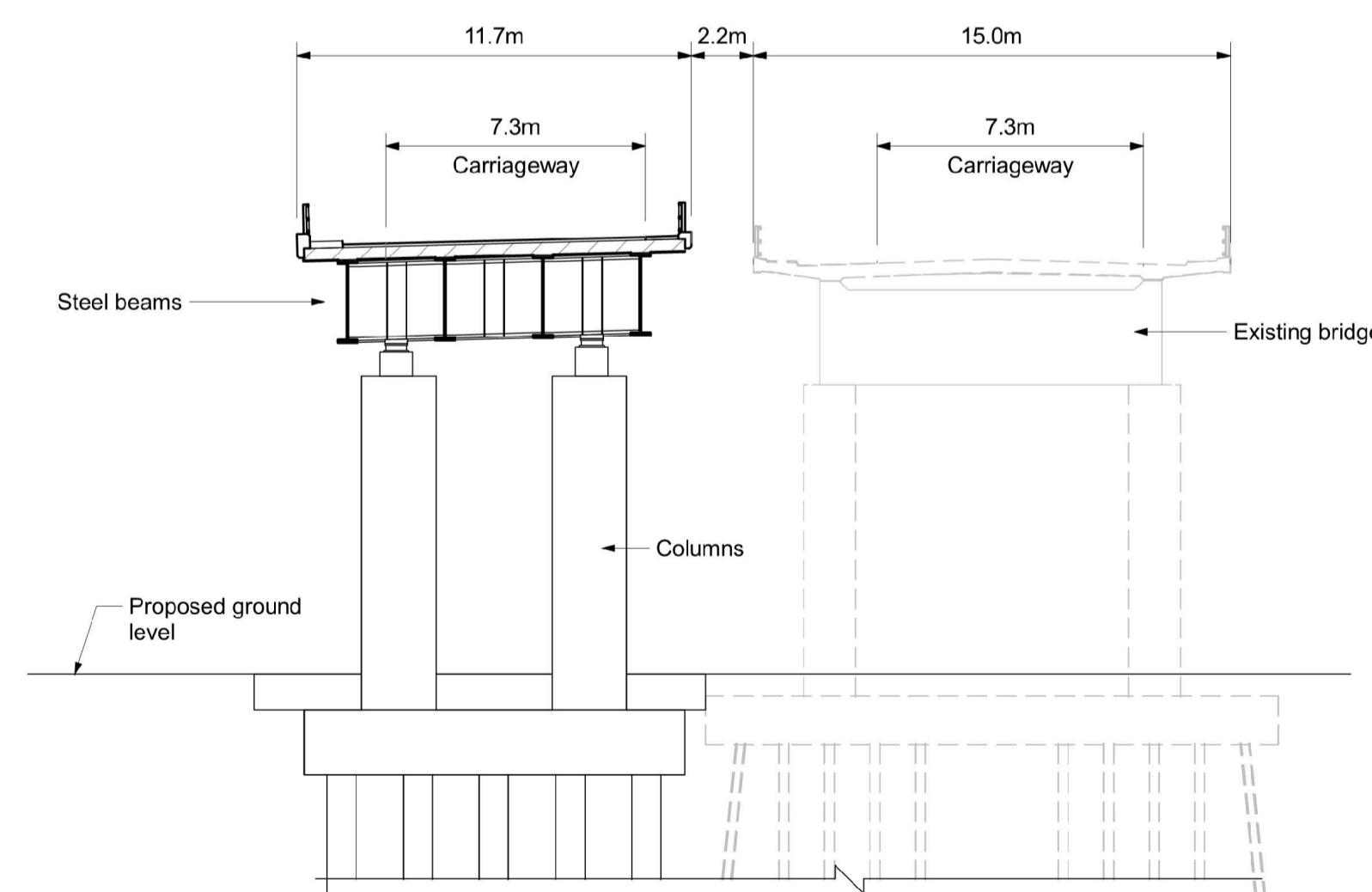
CLIENT					
PURPOSE OF ISSUE					
DCO APPLICATION					
DEVELOPMENT CONSENT ORDER NUMBER					
TR010065					
PROJECT TITLE					
A46 NEWARK BYPASS					
DRAWING TITLE					
ENGINEERING PLANS AND SECTIONS					
REGULATION 5(2)(a), 5(2)(P) AND 6(2)					
STRUCTURES GENERAL ARRANGEMENTS – SHEET 7 OF 12					
NOTTINGHAM - LINCOLN RAILWAY BRIDGE EAST					
ORIGINAL SIZE		SCALE			
A1		As Shown			
DRAWING NUMBER	HE PIN	ORIGINATOR	VOLUME	PROJECT REF. NO.	
HE551478	-	SKAG	-	SBR	
HE551478 - SKAG - SBR					REVISION
SECT2_B08N - DR - CB - 26001					C03
LOCATION	TYPE	ROLE	NUMBER		



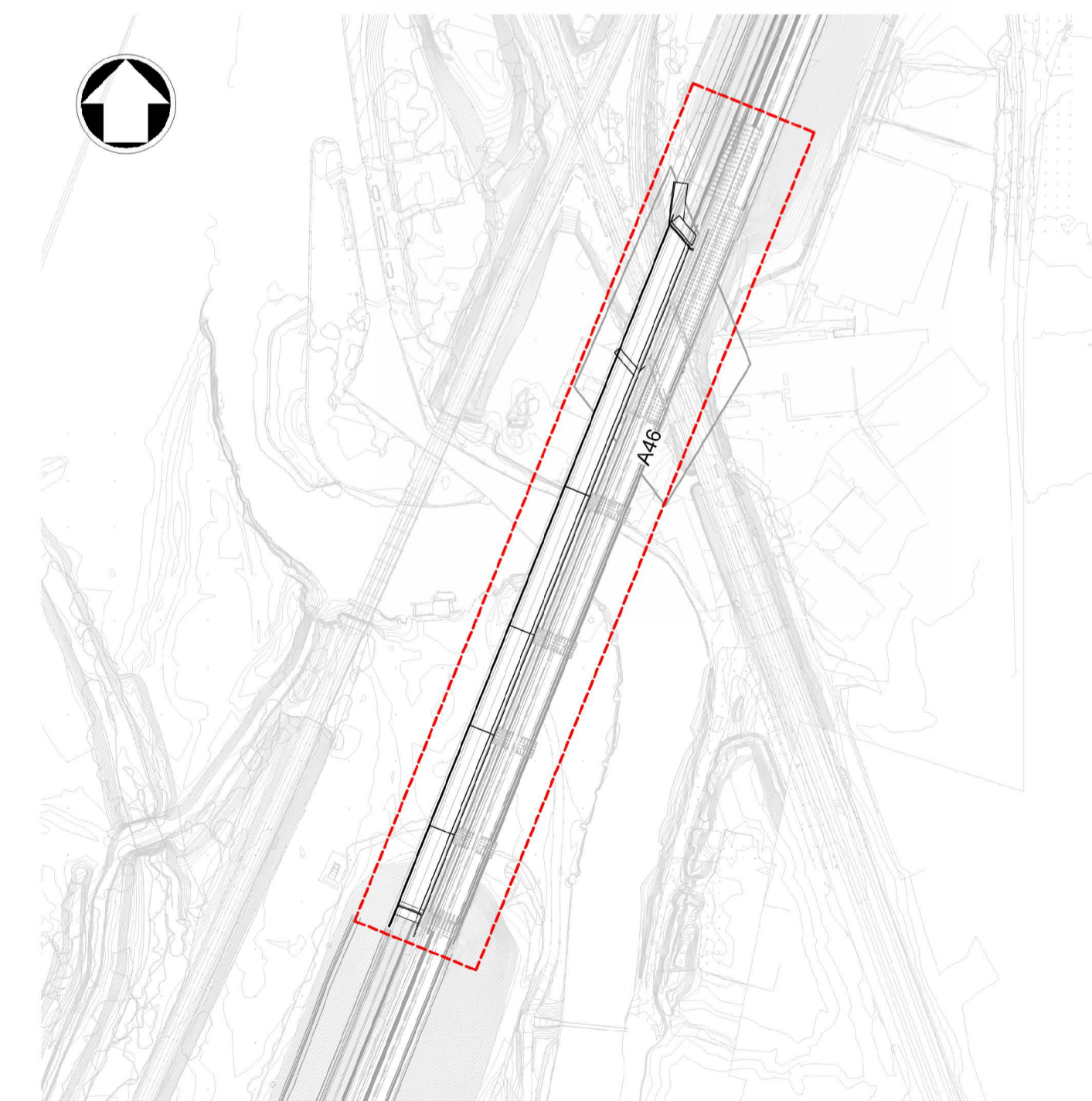
North Elevation - 1
1 : 600



Bridge Plan
1 : 600



Section - 2
1 : 200



Location Plan
1 : 2500

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REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

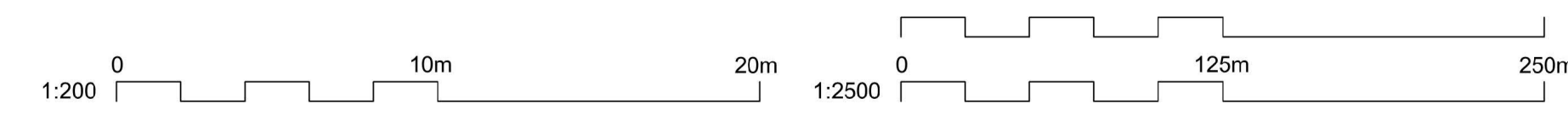
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

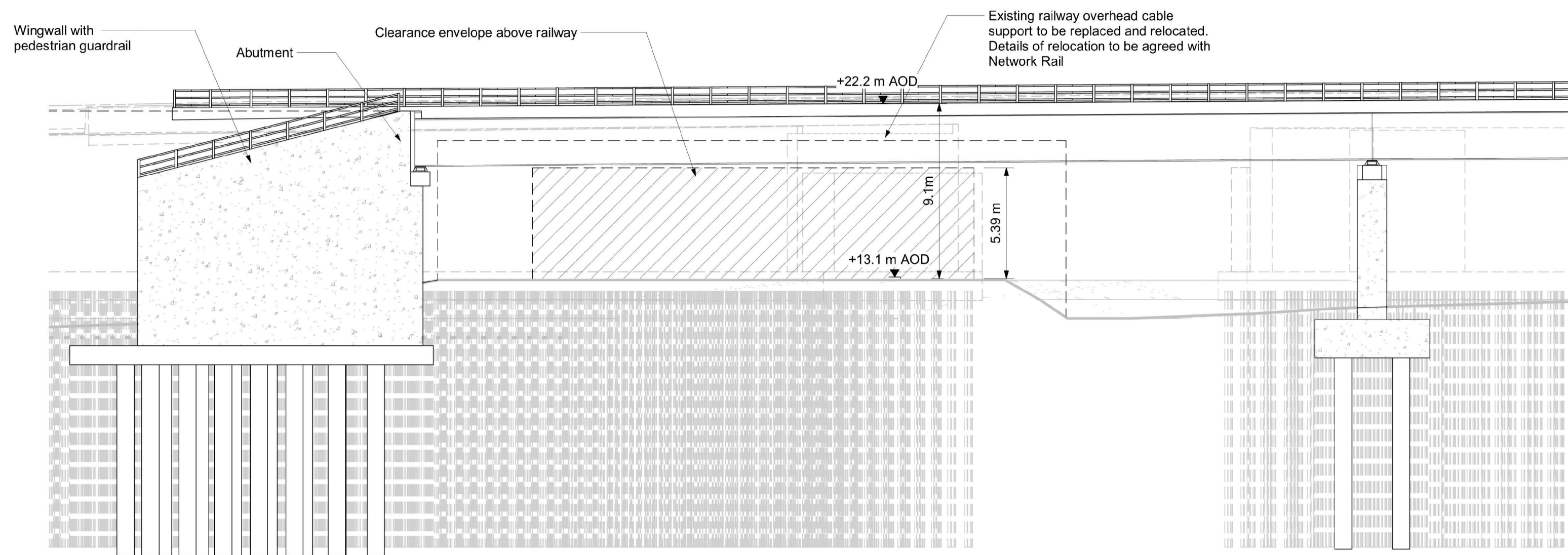
PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS - SHEET 8 OF 12
NETHER LOCK VIADUCT - NORTHBOUND

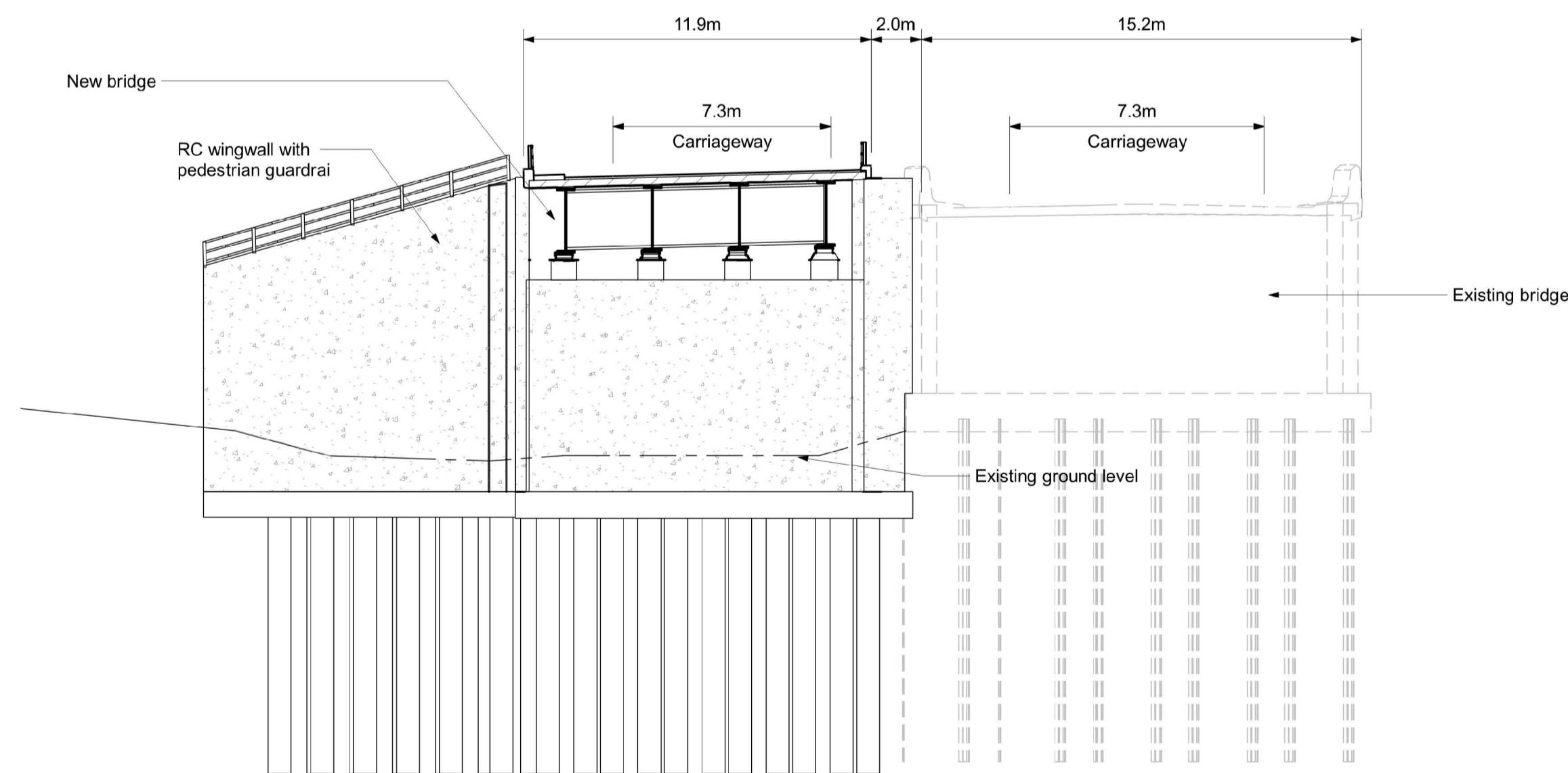
ORIGINAL SIZE: A1 SCALE: As Shown

DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		REVISION C03
SECT2_B09N - DR - CB - 26001		
LOCATION	TYPE	ROLE





Elevation - 3
1 : 200



Elevation - 4 North Abutment
1 : 200

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CO2	12.03.23	DCO APPLICATION	DH	TN	HF
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REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

DEVELOPMENT CONSENT ORDER NUMBER
TR010065

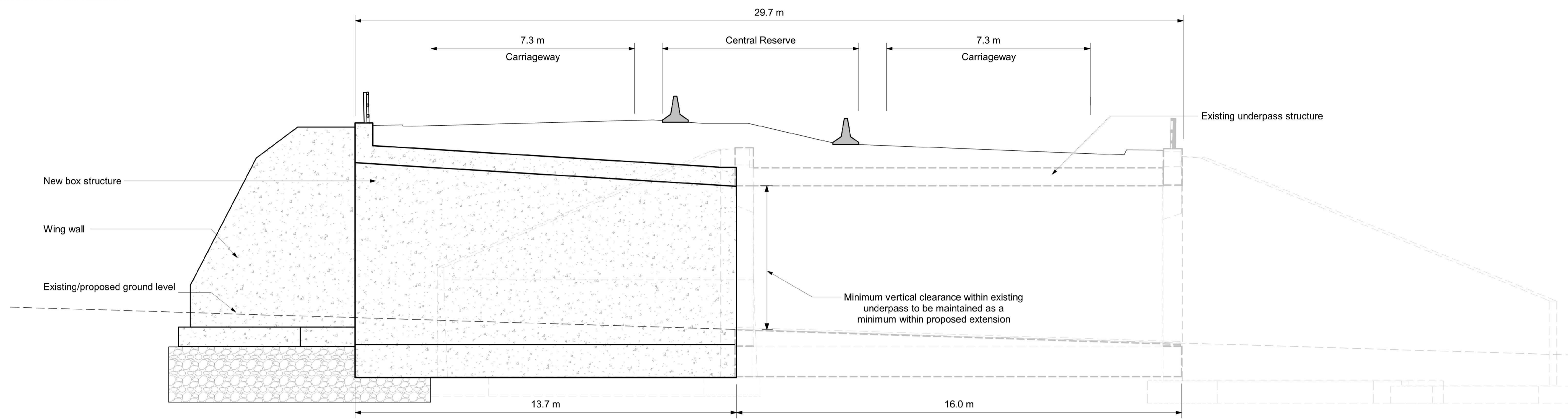
PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS – SHEET 9 OF 12
NETHER LOCK VIADUCT - NORTHBOUND

ORIGINAL SIZE: A1 SCALE: As Shown

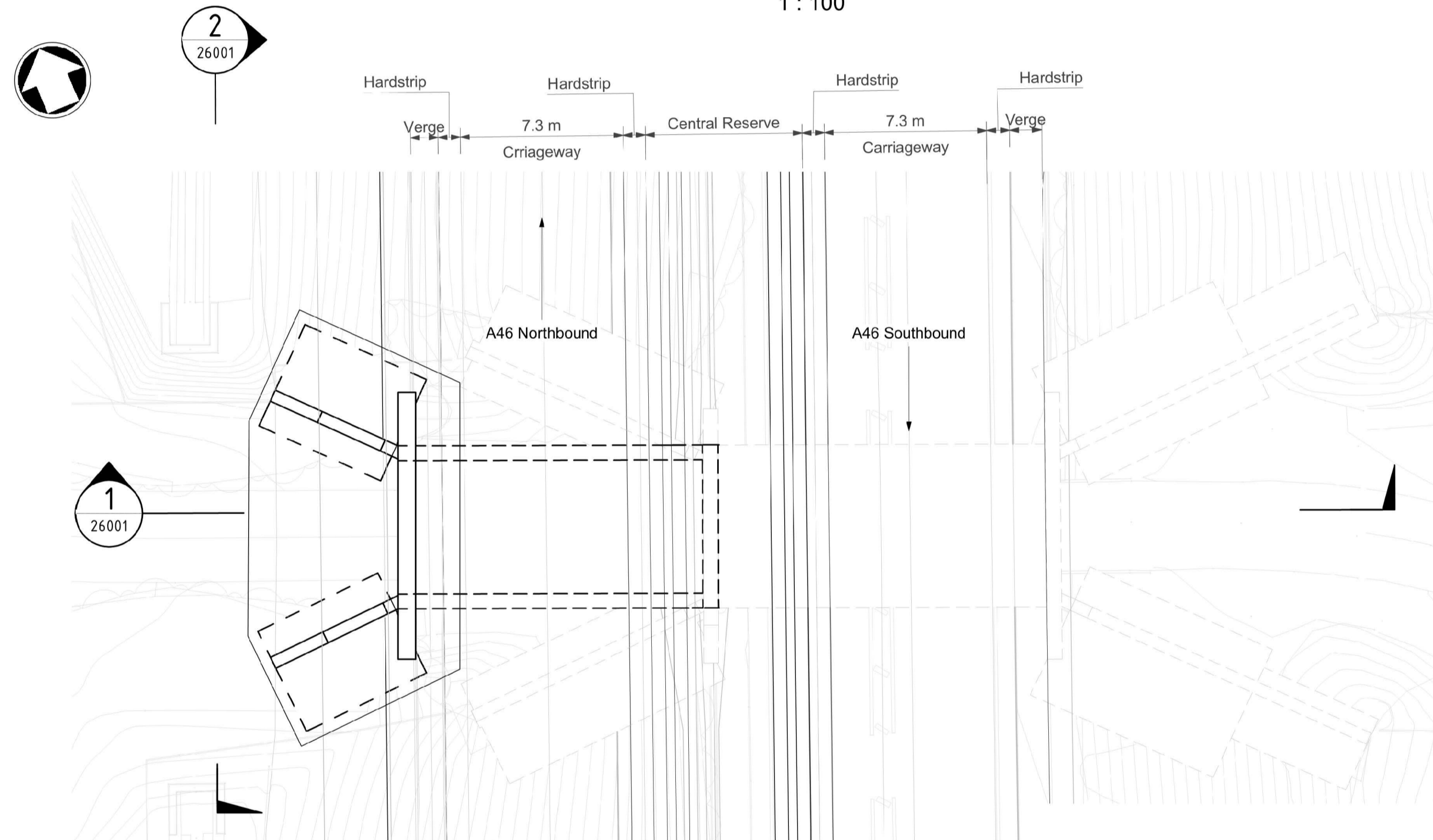
DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		
LOCATION	TYPE	REVISION
SECT2_B09N - DR - CB - 26002		C02





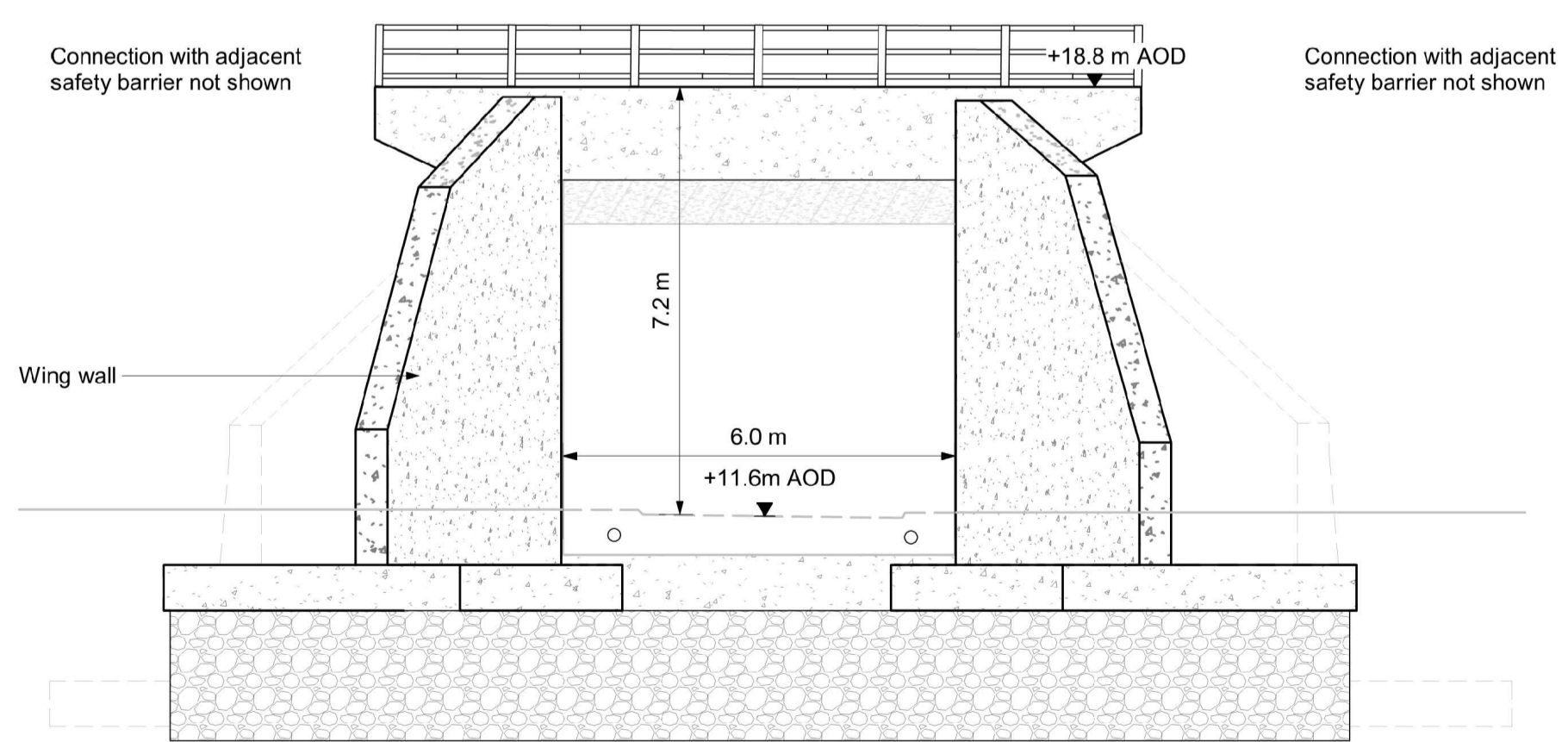
Elevation - 1

1 : 100



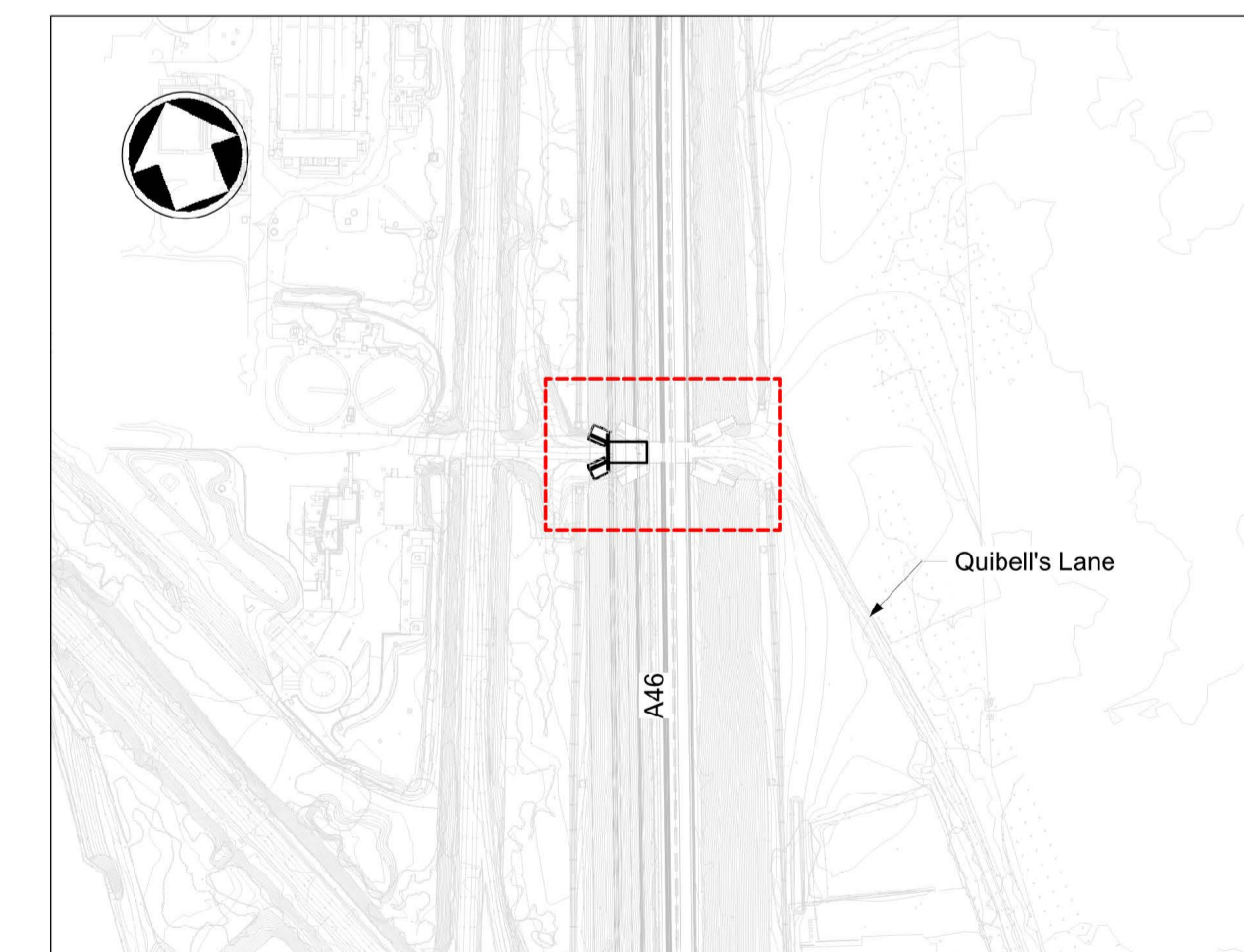
Bridge Plan

1 : 200



West Elevation - 2

1 : 100



Location Plan

1 : 2500

NOTES

1. Do not scale from this drawing, use only printed dimensions
2. All levels and coordinates are in metres related to Ordnance Datum.
3. The lighter grey lines indicate existing topography with darker lines representing proposed details.
4. This drawing is to be read in conjunction with all other relevant documentation.
5. The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the order limits and any other constraints included in the development consent order.

CO3	12.03.23	DCO APPLICATION	DH	TN	HF
CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

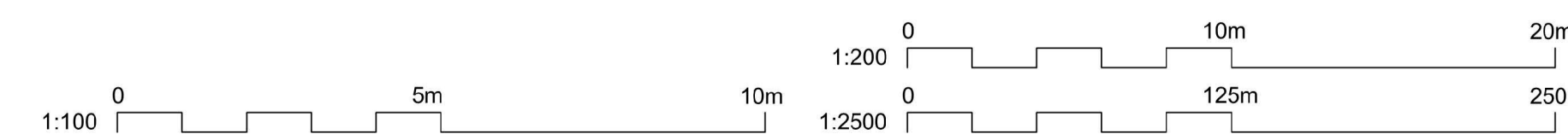
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

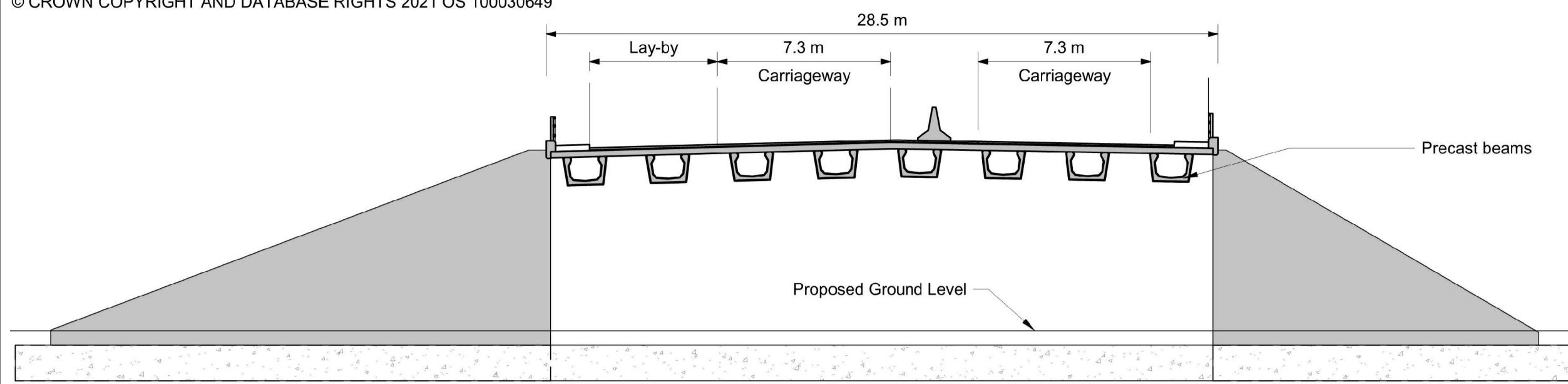
PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS - SHEET 10 OF 12
SEWAGE TREATMENT WORKS UNDERPASS

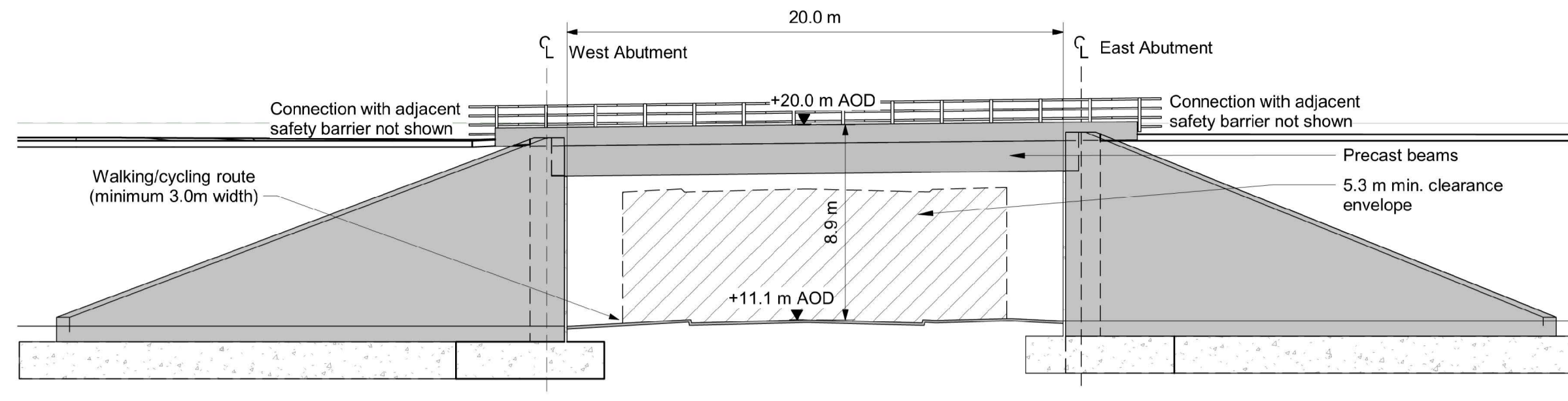
ORIGINAL SIZE: A1 SCALE: As shown

DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		REVISION
SECT3_B11N - DR - CB - 26001		C03
LOCATION	TYPE	ROLE

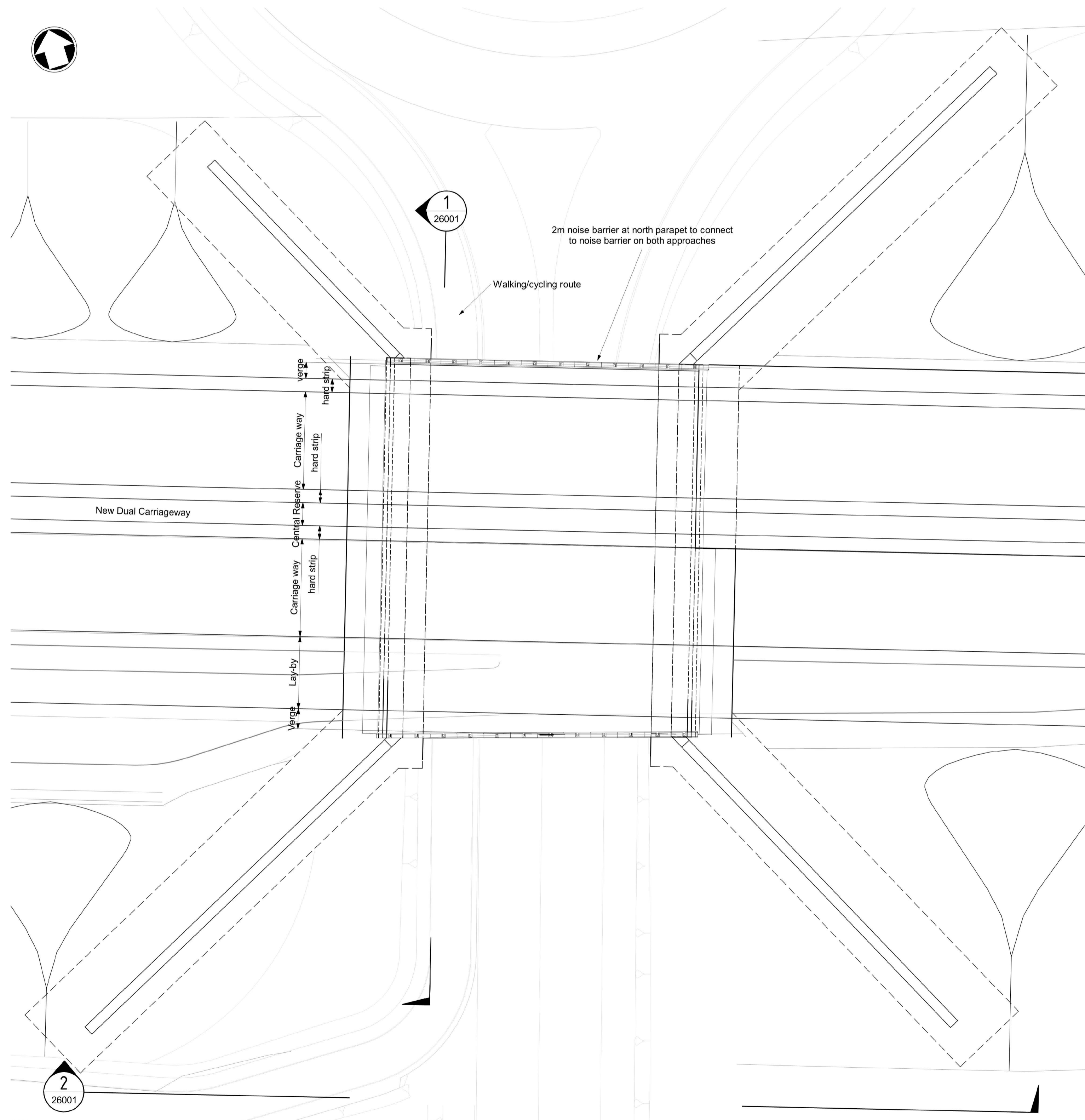




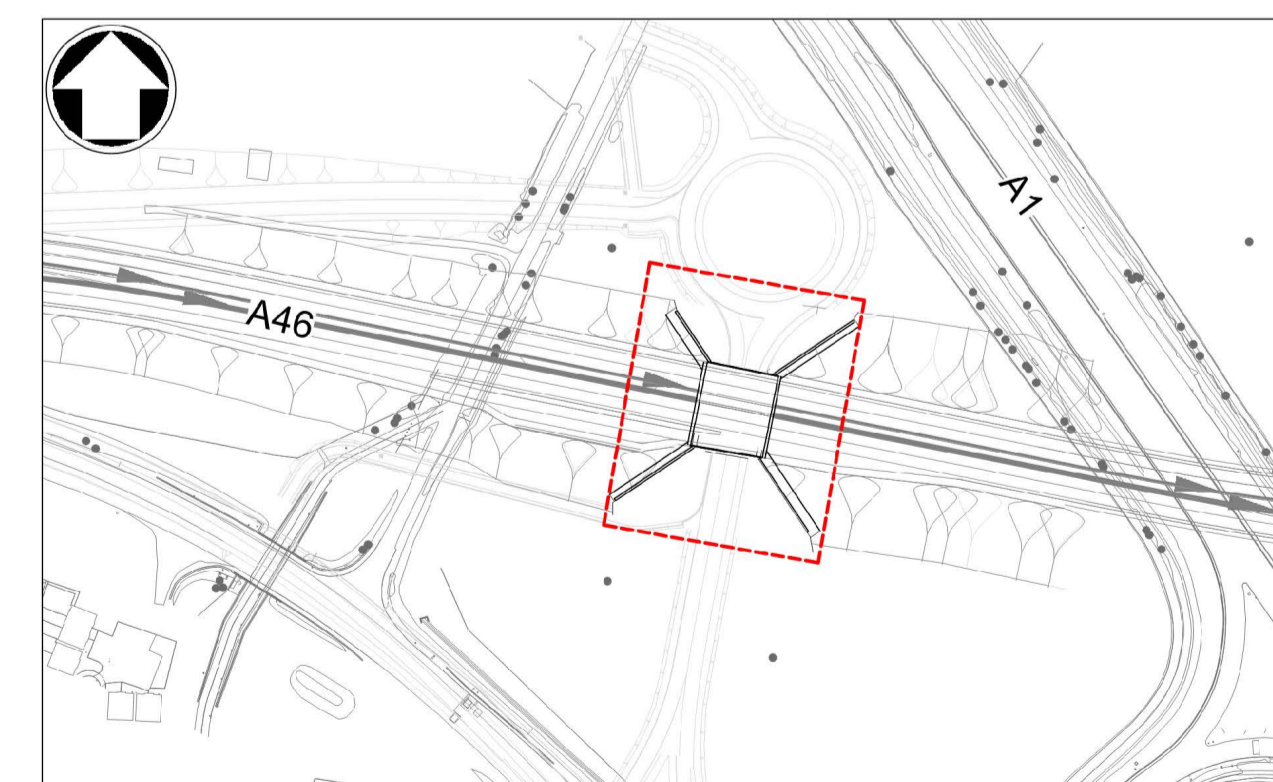
Section - 1
1 : 200



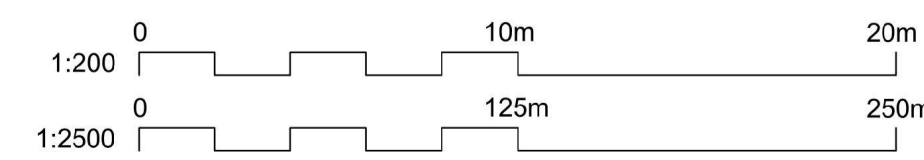
South Elevation - 2
1 : 200



Bridge Plan
1 : 200



Location Plan
1 : 2500



NOTES

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CO3	12.03.23	DCO APPLICATION	DH	TN	HF
CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
DCO APPLICATION

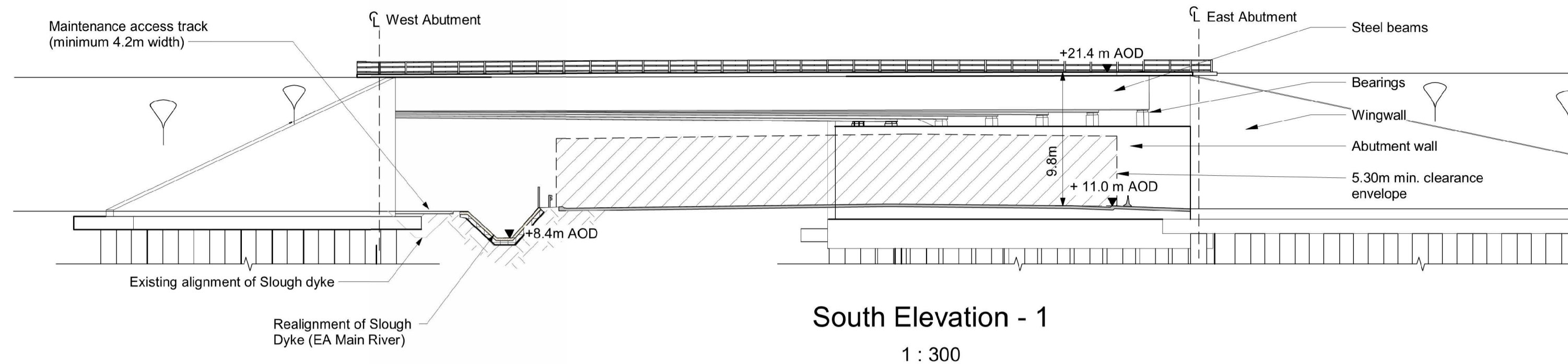
DEVELOPMENT CONSENT ORDER NUMBER
TR010065

PROJECT TITLE
A46 NEWARK BYPASS

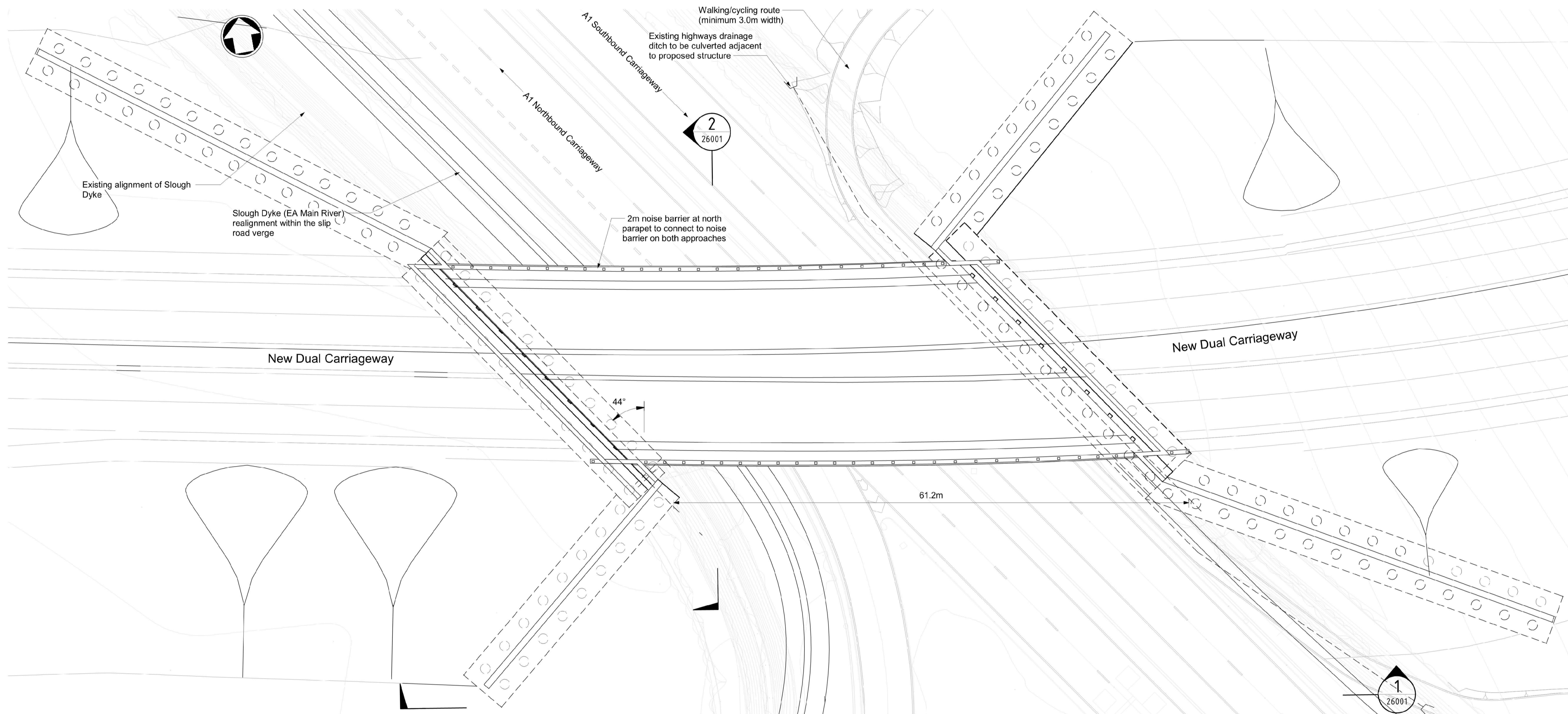
DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS - SHEET 11 OF 12
BROWNHILLS UNDERBRIDGE

ORIGINAL SIZE: A1 SCALE: As Shown

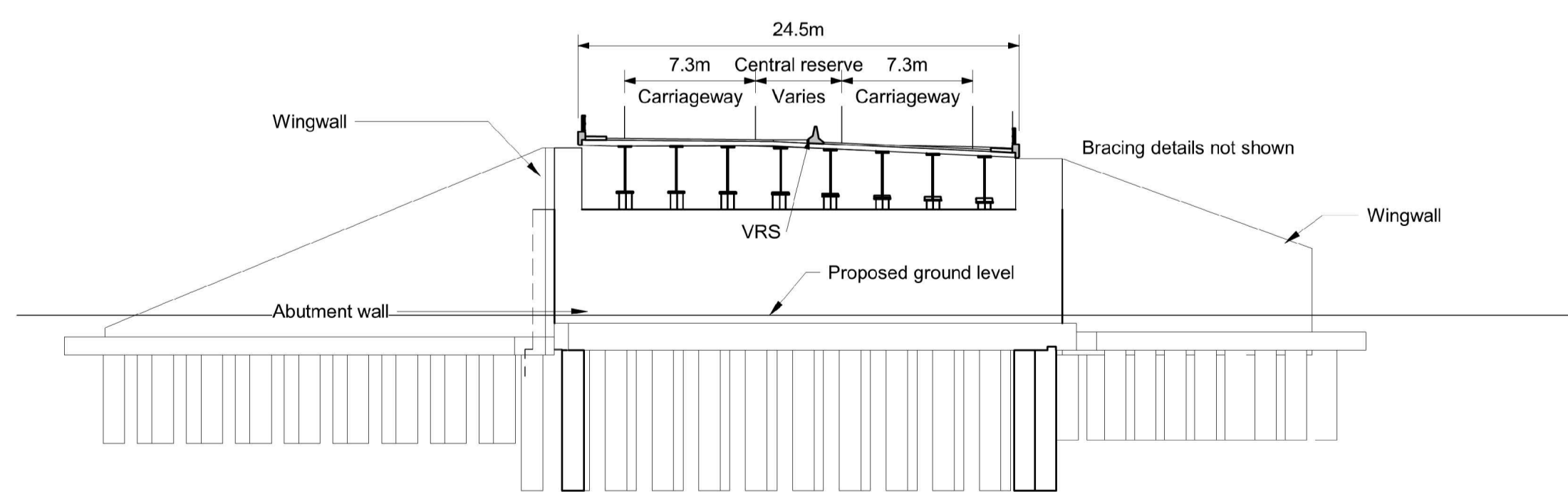
DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		
SECT3_B13N - DR - CB - 26001		REVISION C03
LOCATION	TYPE	ROLE



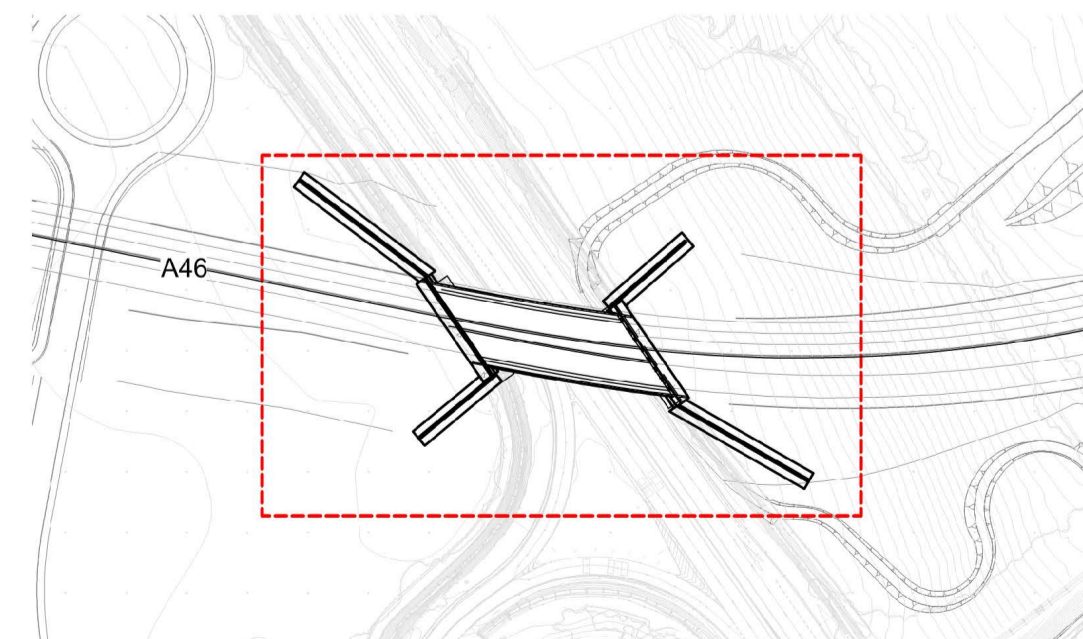
South Elevation - 1
1 : 300



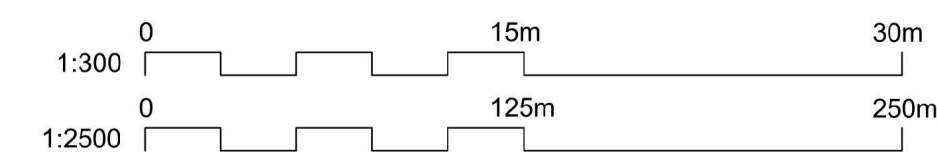
Bridge Plan
1 : 300



Section 2
1 : 300



Location Plan
1 : 2500



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CO3	12.03.23	DCO APPLICATION	DH	TN	HF
CO1	01.12.23	DCO APPLICATION	DP	TN	HF
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

CLIENT



PURPOSE OF ISSUE
A46 Newark Bypass

DEVELOPMENT CONSENT ORDER NUMBER
TR010065

PROJECT TITLE
A46 NEWARK BYPASS

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
REGULATION 5(2)(o), 5(2)(P) AND 6(2)
STRUCTURES GENERAL ARRANGEMENTS - SHEET 12 OF 12
A1 / A46 CROSSING

ORIGINAL SIZE: A1 SCALE: As Shown

DRAWING NUMBER HE PIN	ORIGINATOR VOLUME	PROJECT REF. NO. HE551478
HE551478 - SKAG - SBR		REVISION
SECT4_B17N - DR - CB - 26001		C03
LOCATION	TYPE	ROLE
		NUMBER