



Gatwick Airport Northern Runway Project

Surface Access Highways Plans – Structure Section Drawings – For Approval

Book 4

VERSION: 2.0

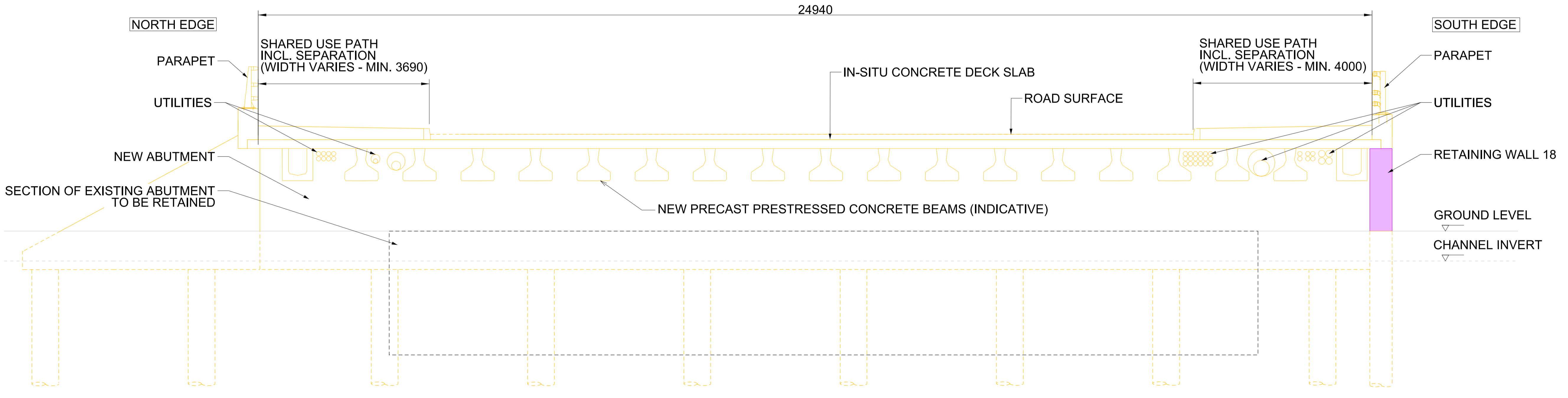
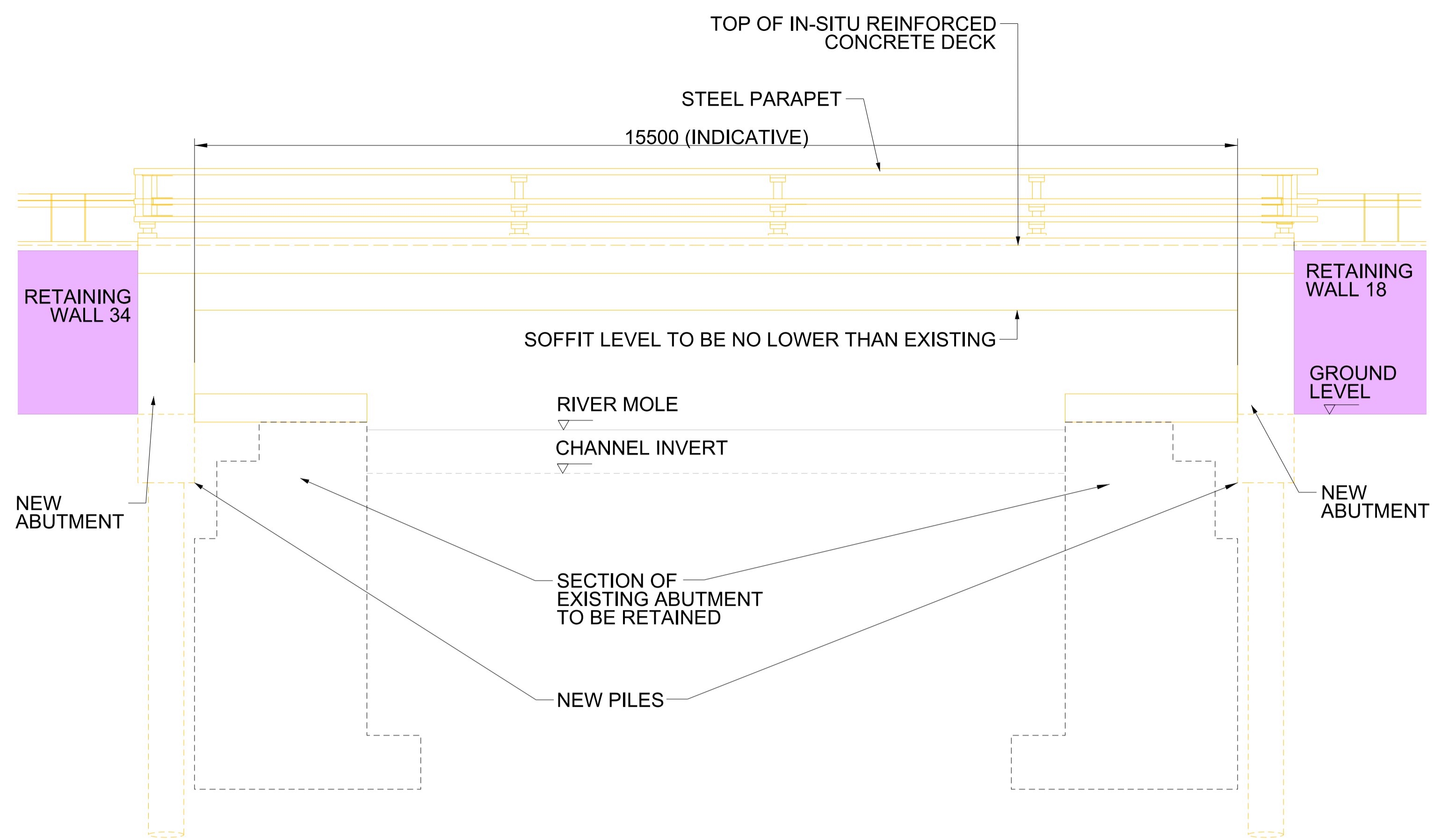
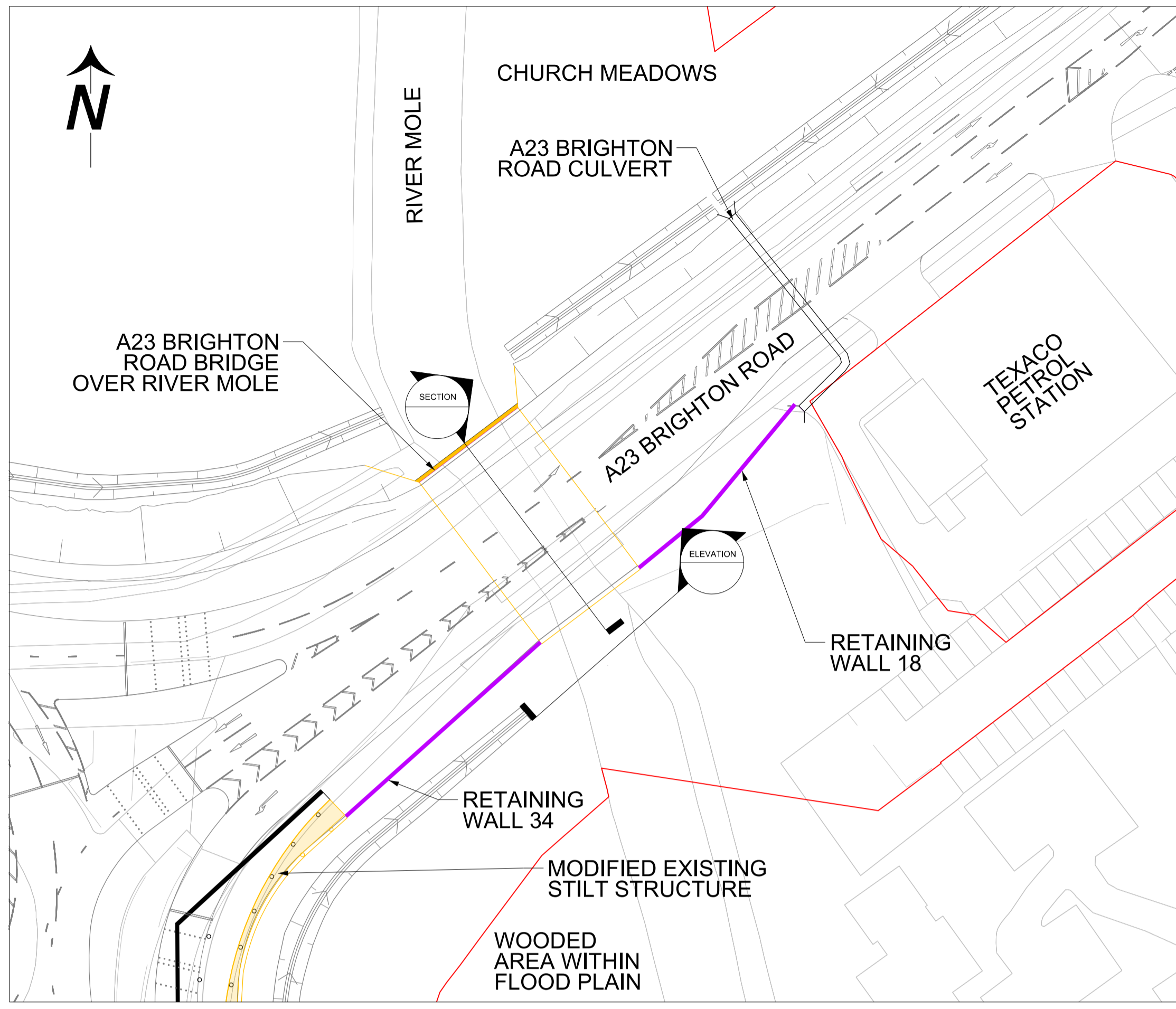
DATE: MARCH 2024

Application Document Ref: 4.8.3

PINS Reference Number: TR020005

Surface Access Highways Plans – Structure Section Drawings – For Approval

Drawing Number	Revision	Drawing Title	Size	Sheet Size
41700-XX-B-LLO-GA-200171	P01	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 1 – A23 Brighton Road Bridge over River Mole	1:500 / 1:50	A1
41700-XX-B-LLO-GA-200172	P02	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 2 – A23 London Road Bridge over River Mole	1:500 / 1:75	A1
41700-XX-B-LLO-GA-200173	P01	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 3 – Longbridge Stilt Structure	1:500 / 1:100 / 1:200	A1
41700-XX-B-LLO-GA-200174	P02	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 4 – Airport Bridge over A23 London Road	1:500 / 1:100 / 1:75	A1
41700-XX-B-LLO-GA-200175	P01	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 5 – North Terminal Flyover Bridge	1:500 / 1:100	A1
41700-XX-B-LLO-GA-200176	P02	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 6 – Airport Way Rail Bridge	1:500 / 1:200 / 1:150	A1
41700-XX-B-LLO-GA-200177	P01	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 7 – South Terminal Flyover Bridge	1:500 / 1:100 / 1:300	A1
41700-XX-B-LLO-GA-200178	P02	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 8 – Balcombe Road Underbridge	1:500 / 1:100 / 1:150	A1
41700-XX-B-LLO-GA-200179	P01	Surface Access Highways Plans – Structure Section Drawings – APFP Regulation 5(2)(o) – Sheet 9 – Peeks Brook Lane Underbridge	1:500 / 1:100 / 1:50 / 1:25	A1



- Notes:
- 1) Highways Authority structure reference = A23/7 Longbridge, Horley
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond

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Rev	Date	DCO Application	Revision Description	NW	JF	DA
P01	1 st July 2023					



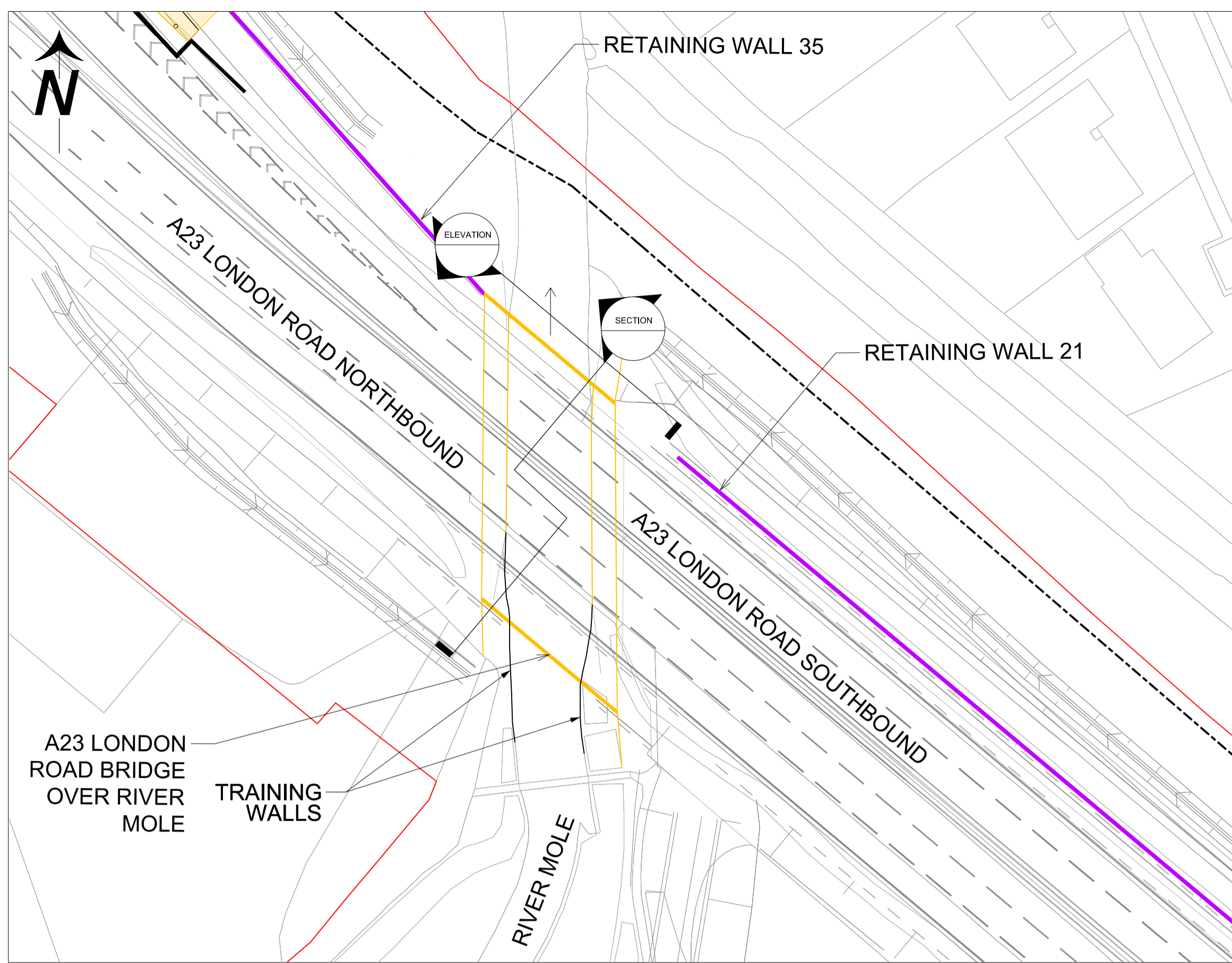
Project Name
Gatwick Airport Northern Runway Project

Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 1
A23 Brighton Road Bridge over River Mole

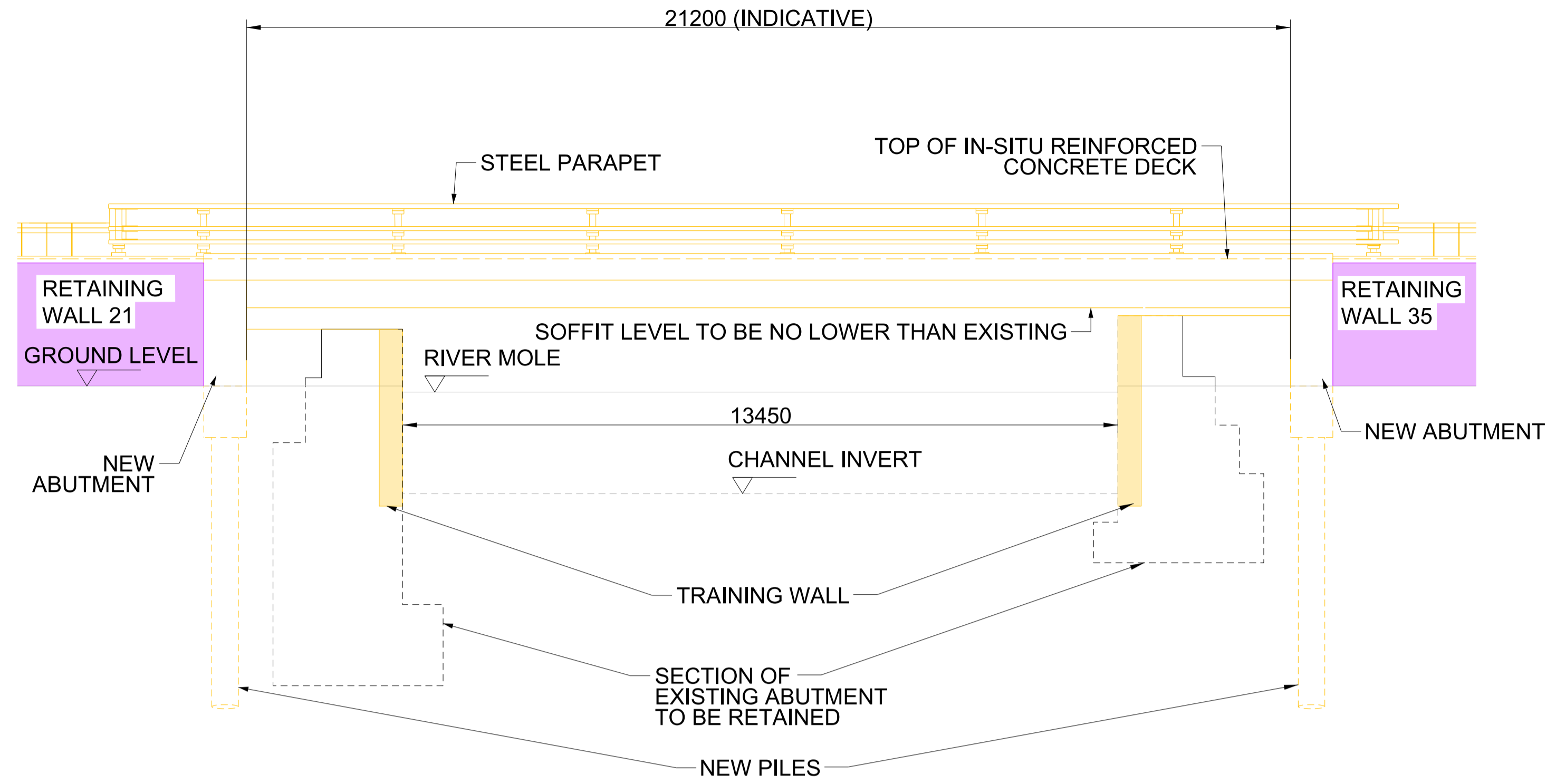
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ELEVATION SCALE 1:50m @ A1	0 0.5 1.0 1.5 2.0 2.5	31/05/23

Checked By	Checked Date	Drawn By	Status
JF	31/05/23	NW	S4
Approved By	Approval Date	Reason for Issue	
DA	31/05/23	DCO Submission	

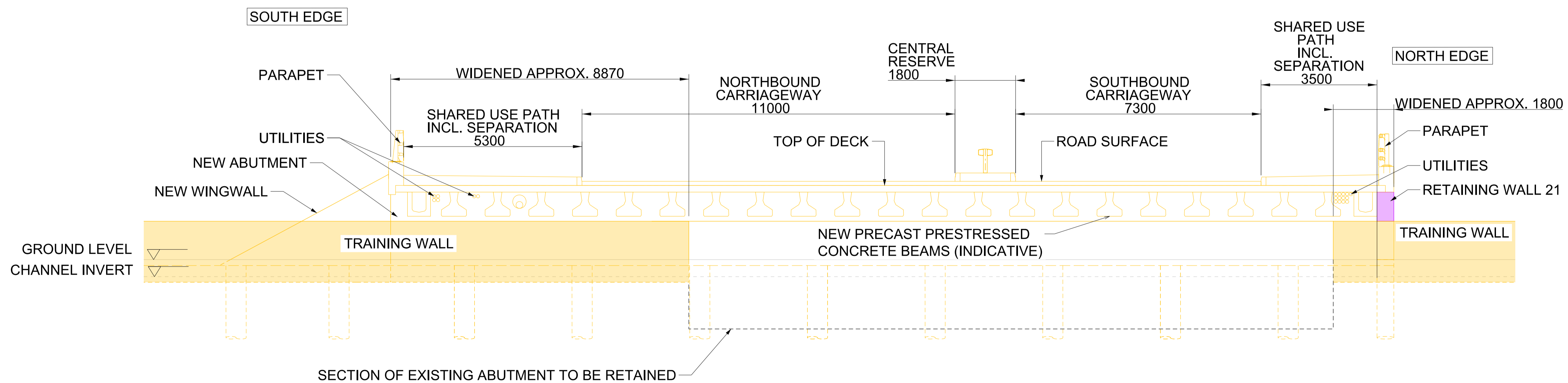
Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B -LLO - GA - 200171 P01



PLAN
1:500 @ A1



ELEVATION
1:75 @ A1



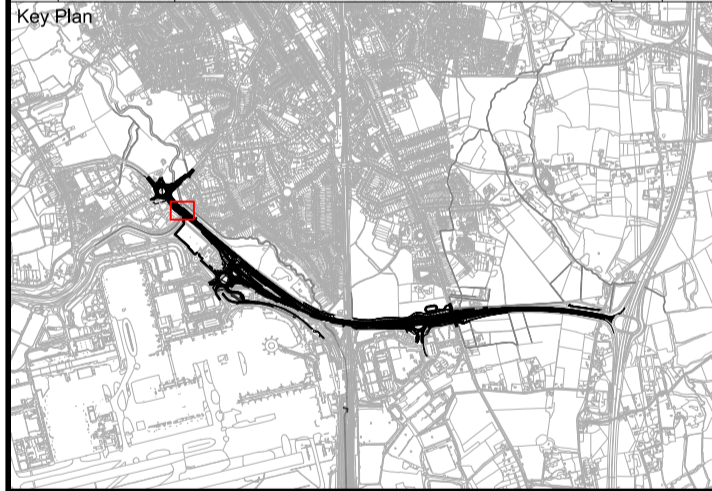
SECTION
1:75 @ A1

- Notes:
- 1) Highways Authority structure reference = 1152 Mole Bridge
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond

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Rev	Date	Revision Description	Drm	Chk	App
P01	1 st July 2023	DCO Application	NW	JF	DA
P02	12 th Mar 2024	Deadline 1	EH	JF	DA



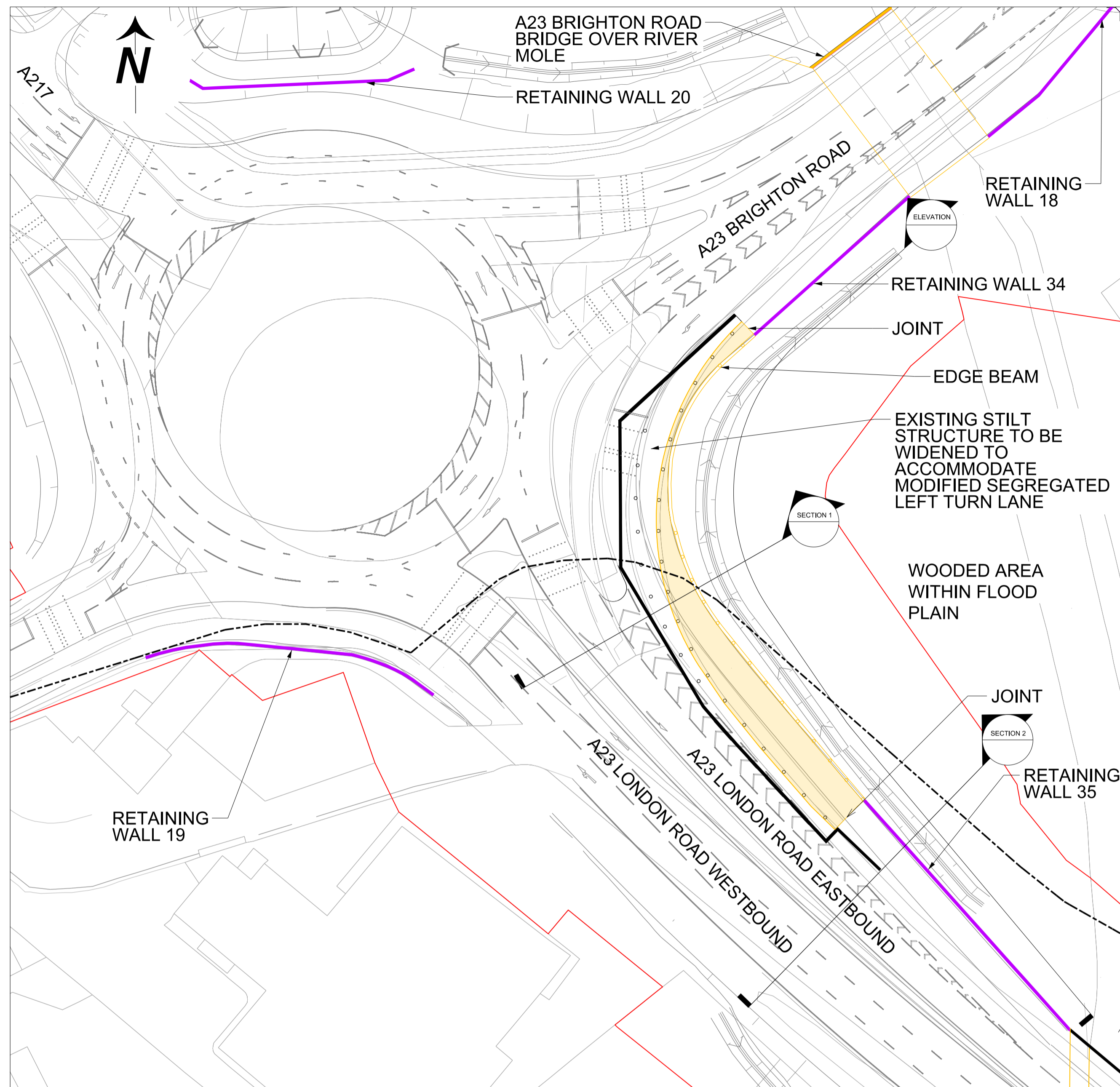
Project Name
Gatwick Airport Northern Runway Project

Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 2
A23 London Road Bridge over River Mole

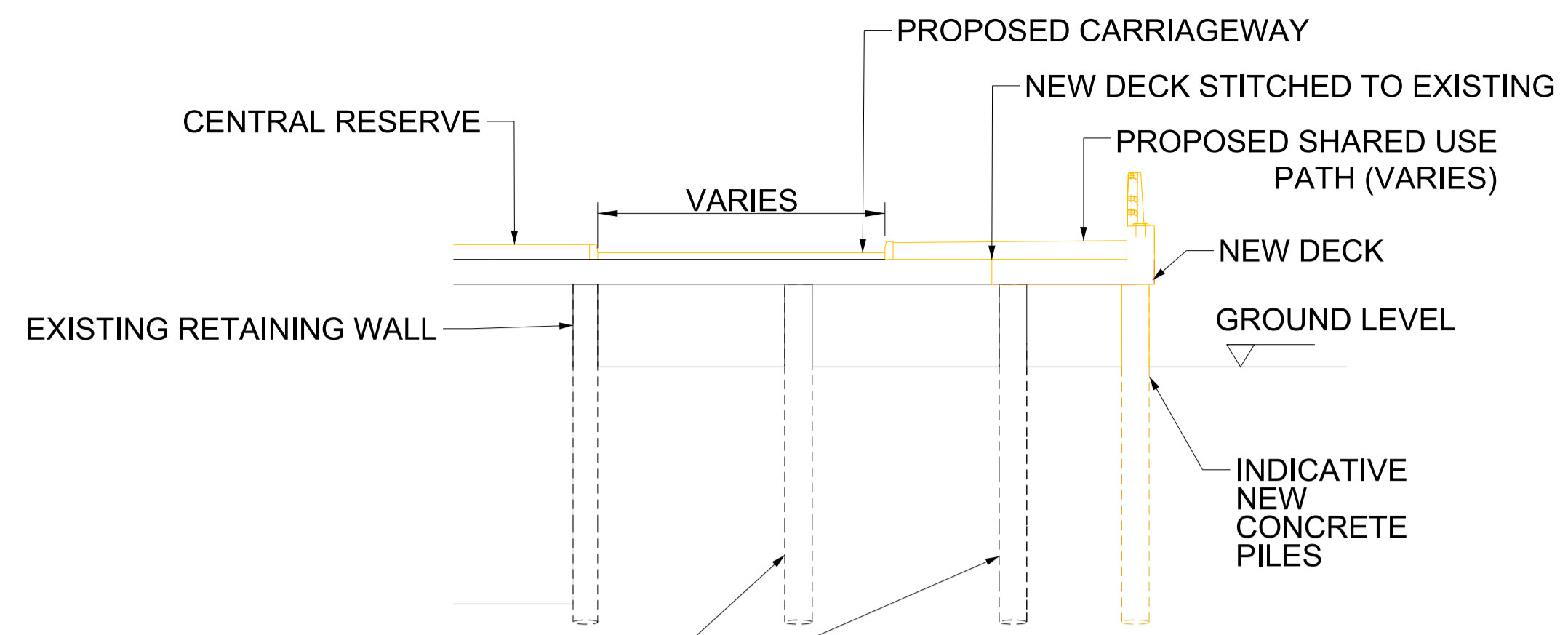
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SECTION SCALE 1:75m @ A1	Status
0 0.75 1.5 2.25 3.0 3.75	S4
ELEVATION SCALE 1:75m @ A1	

Checked By	Checked Date	Drawn By	Status
JF	20/02/24	EH	S4
Approved By	Approval Date	Reason for Issue	Deadline 1
DA	20/02/24		

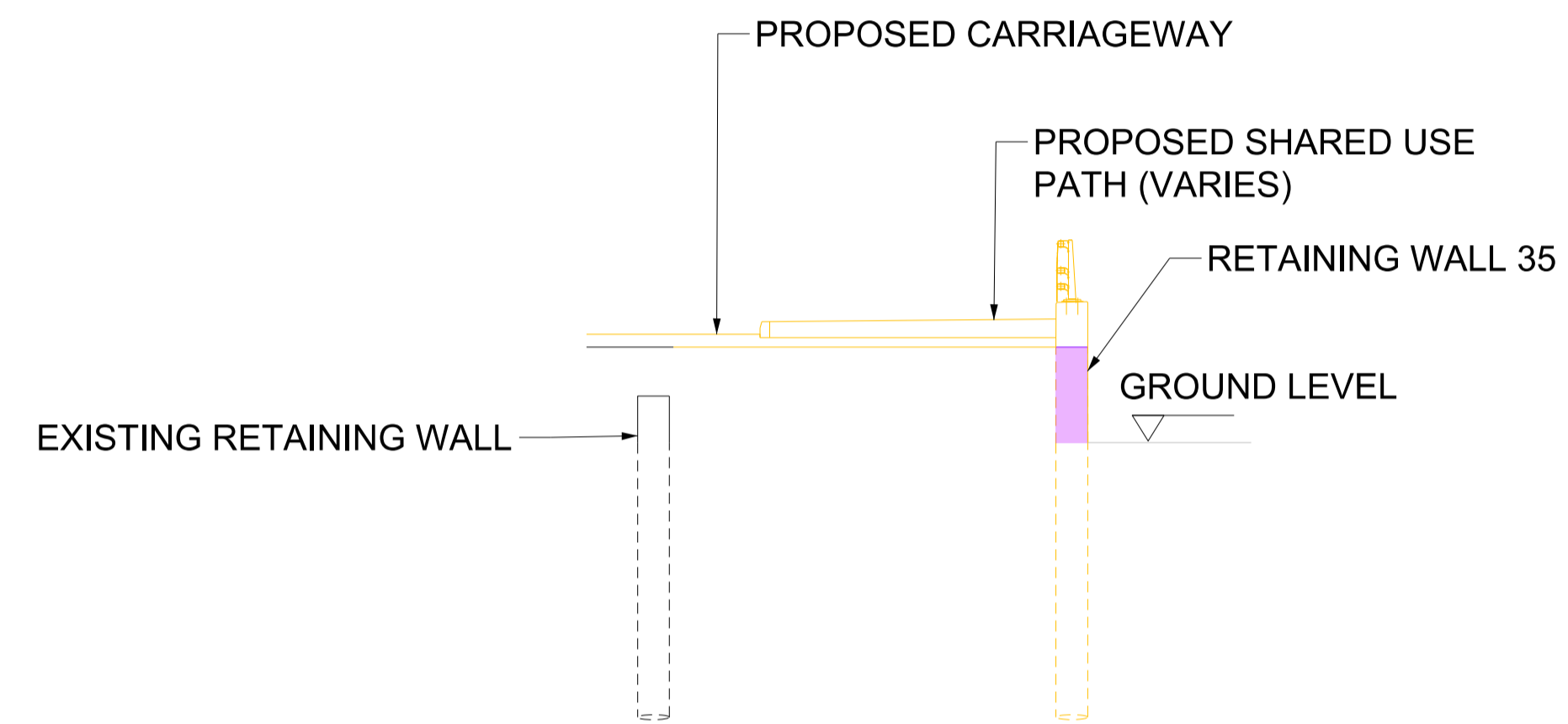
Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B- LLO- GA - 200172 P02



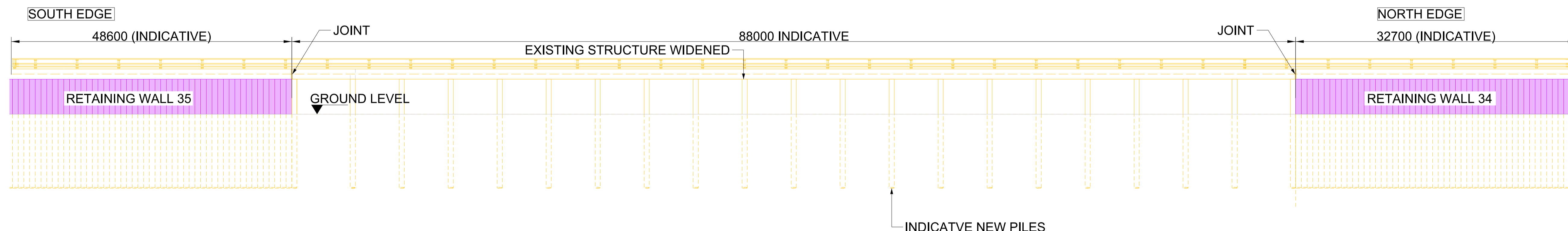
PLAN
1:500 @ A1



SECTION 1
1:100



SECTION 2
1:100 @ A1



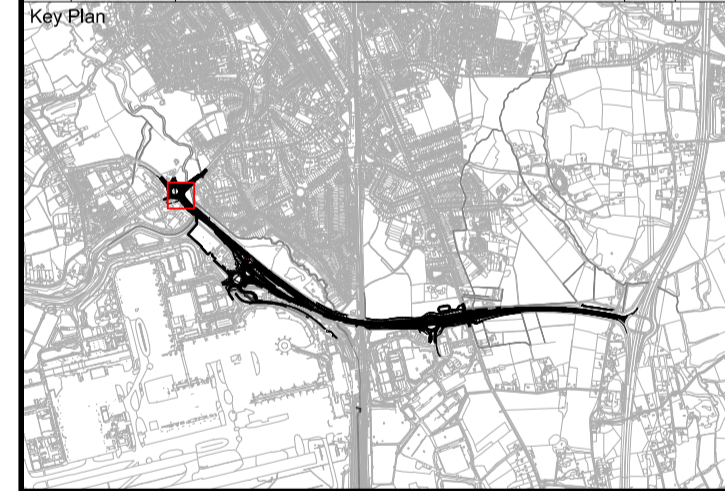
ELEVATION
1:200 @ A1

- Notes:
- 1) Highways Authority structure reference = A23/13 Longbridge Stilt Road
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond

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Rev	Date	Revision Description	NW	JF	DA



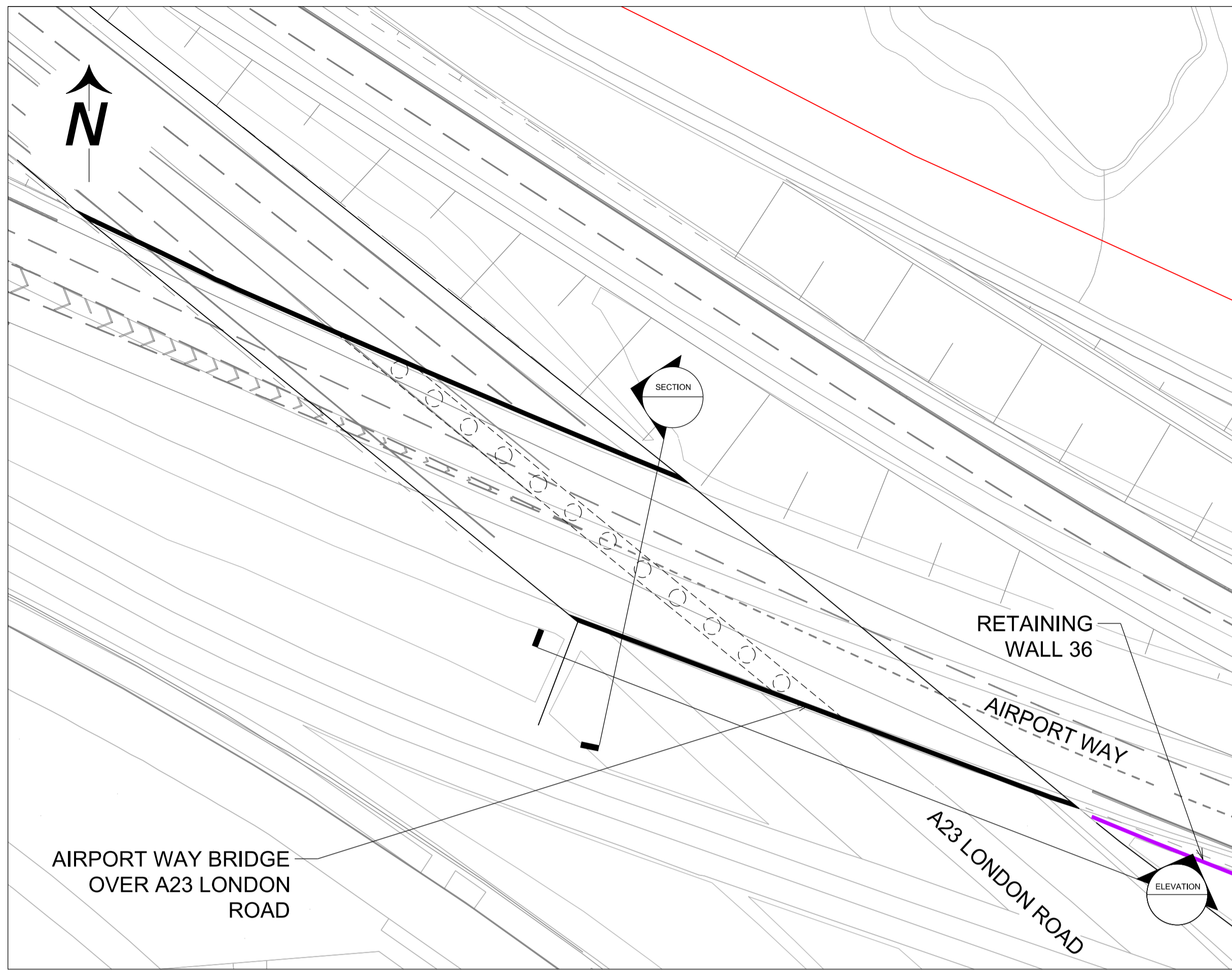
Project Name
Gatwick Airport Northern Runway Project

Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 3
Longbridge Stilt Structure

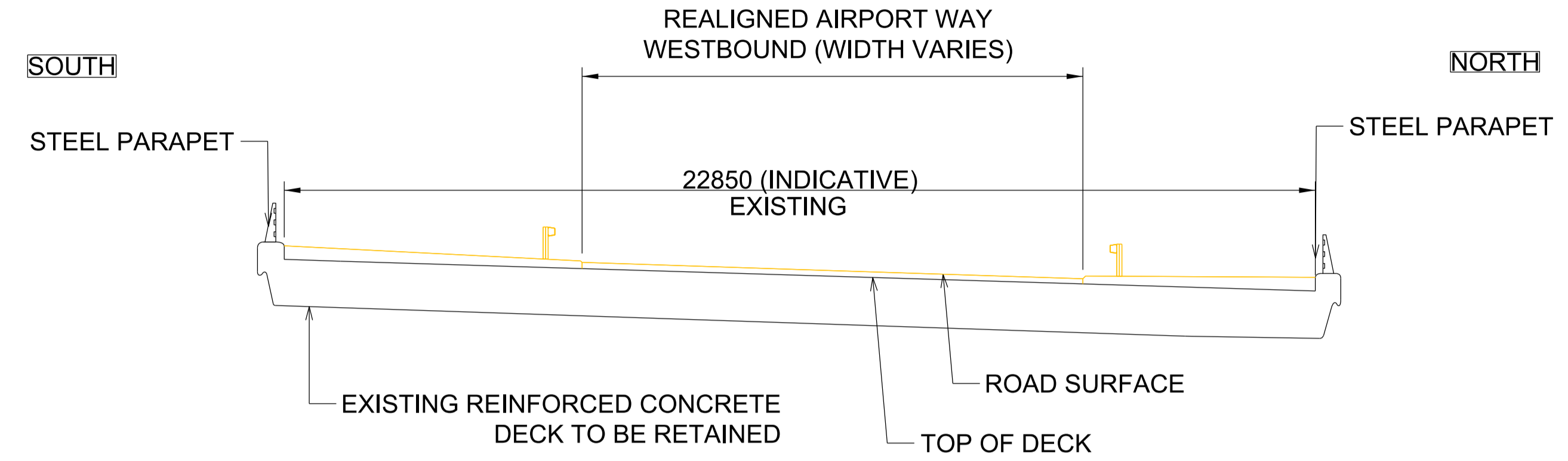
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0 2.0 4.0 6.0 8.0 10.0	Drawn Date 31/05/23
ELEVATION SCALE 1:200m @ A1	Status S4

Checked By	Checked Date	Drawn By	Status
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Approved By	Approval Date	Reason for Issue	DCO Submission
DA	31/05/23	DCO Submission	

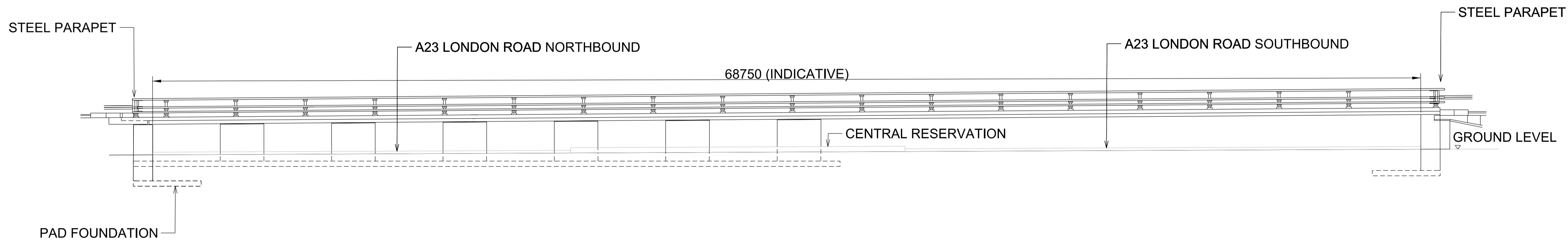
Project Code-Location-Discipline-Volume-Type-Unique Number
41700 - XX - B - LLO - GA - 200173 P01



PLAN
1:500 @ A1



CROSS SECTION
1:100 @ A1



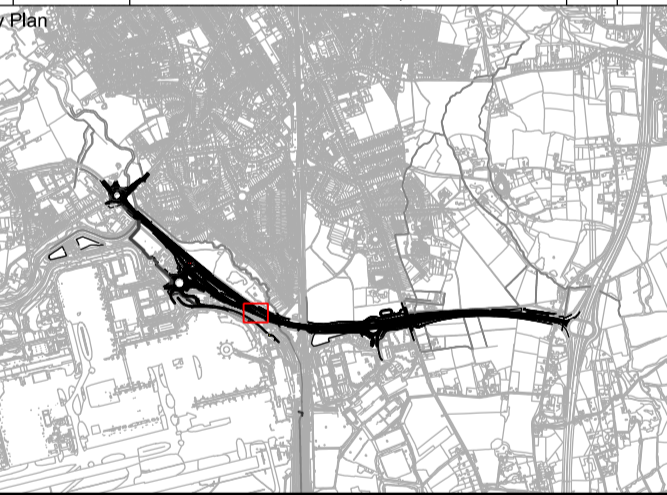
ELEVATION
1:75 @ A1

- Notes:
- 1) Highways Authority structure reference = STR 3327 - Gatwick A23
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond

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P01	1 st July 2023	DCO Application	NW	JF	DA
P02	12 th Mar 2024	Deadline 1	EH	JF	DA
Rev	Date	Revision Description	Drn	Chk	App

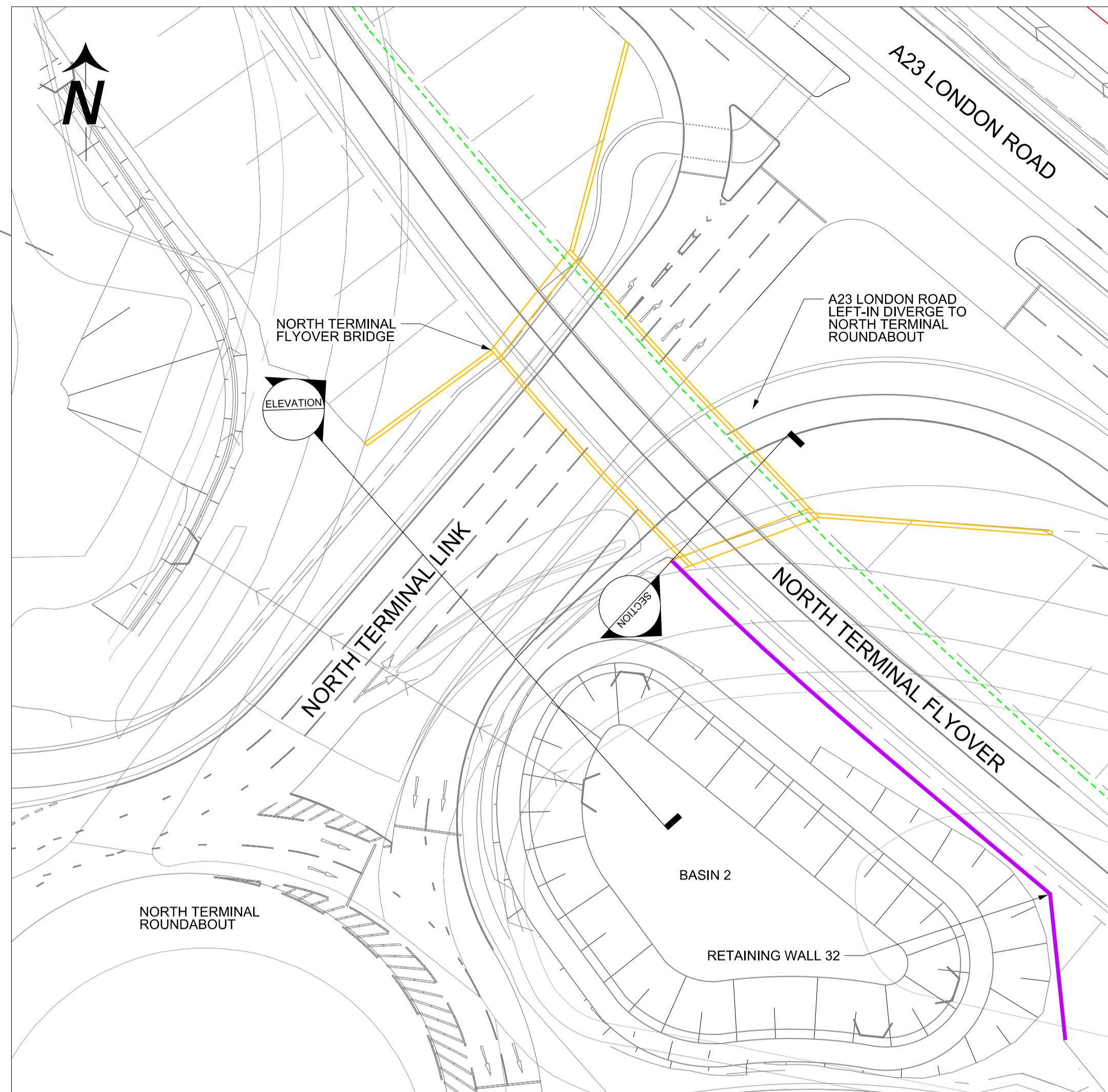


Project Name
Gatwick Airport Northern Runway Project

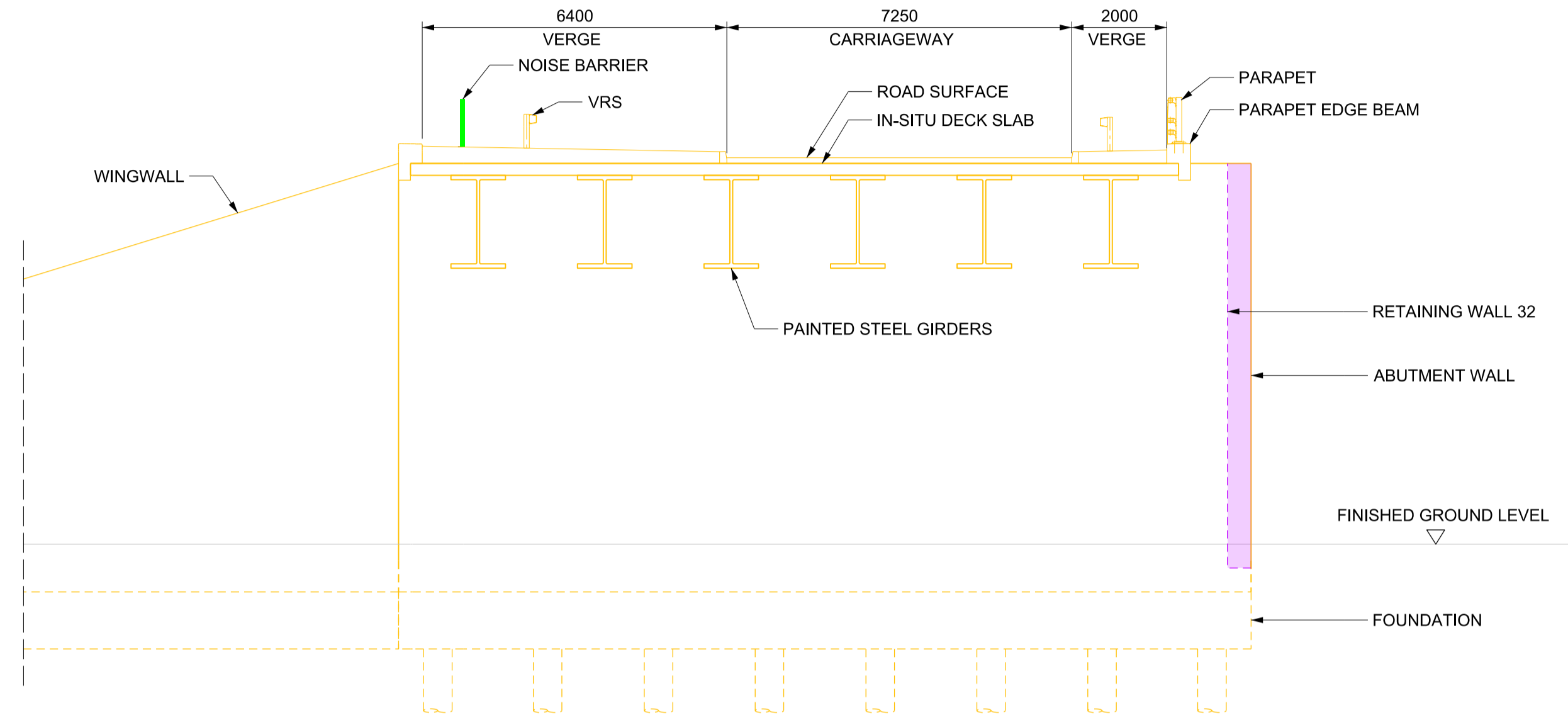
Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 4
Airport Way Bridge over A23 London Road

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PLAN SCALE	1:500m @ A1						
SECTION SCALE	1:75m @ A1						
ELEVATION SCALE	1:75m @ A1						
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Approved By	DA	Approval Date	20/02/24	Reason for Issue	Deadline 1		

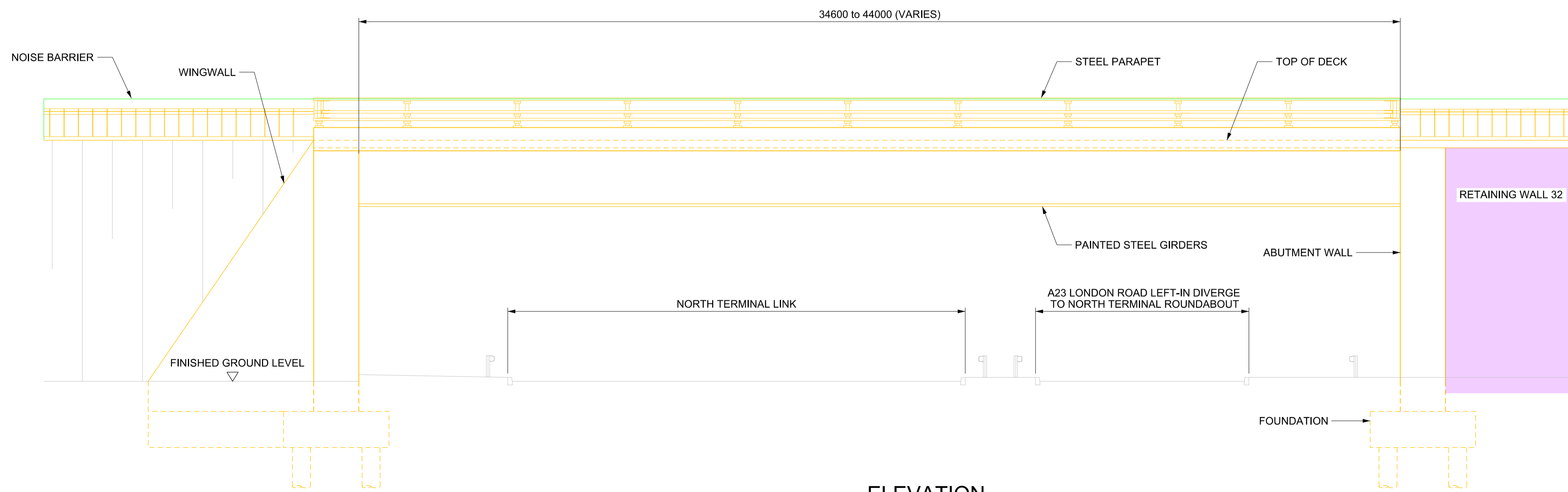
Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B- LLO- GA - 200174 P02



PLAN
SCALE 1:500 @ A1



SECTION
SCALE 1:100 @ A1



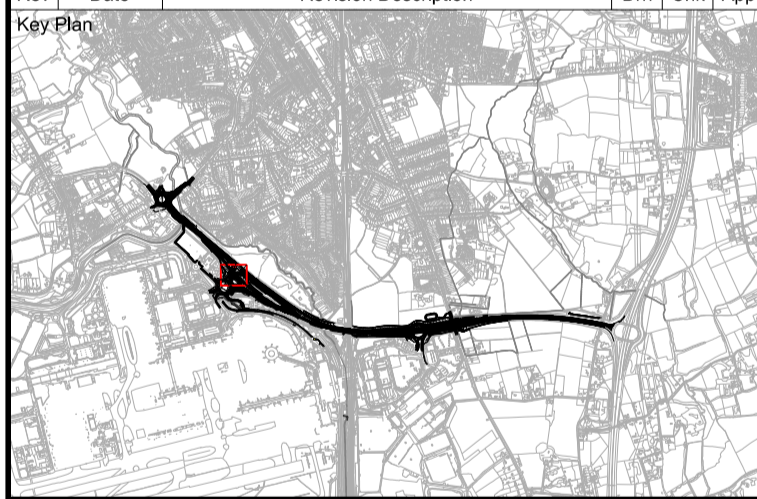
ELEVATION
SCALE 1:100 @ A1

- Notes:**
- 1) Highways Authority structure reference = New bridge proposed. No existing reference.
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:**
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond

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Rev	Date	DCO Application	Revision Description	NW	JF	DA
P01	1 st July 2023	DCO Application				



Project Name
Gatwick Airport Northern Runway Project

Title
**Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 5
North Terminal Flyover Bridge**

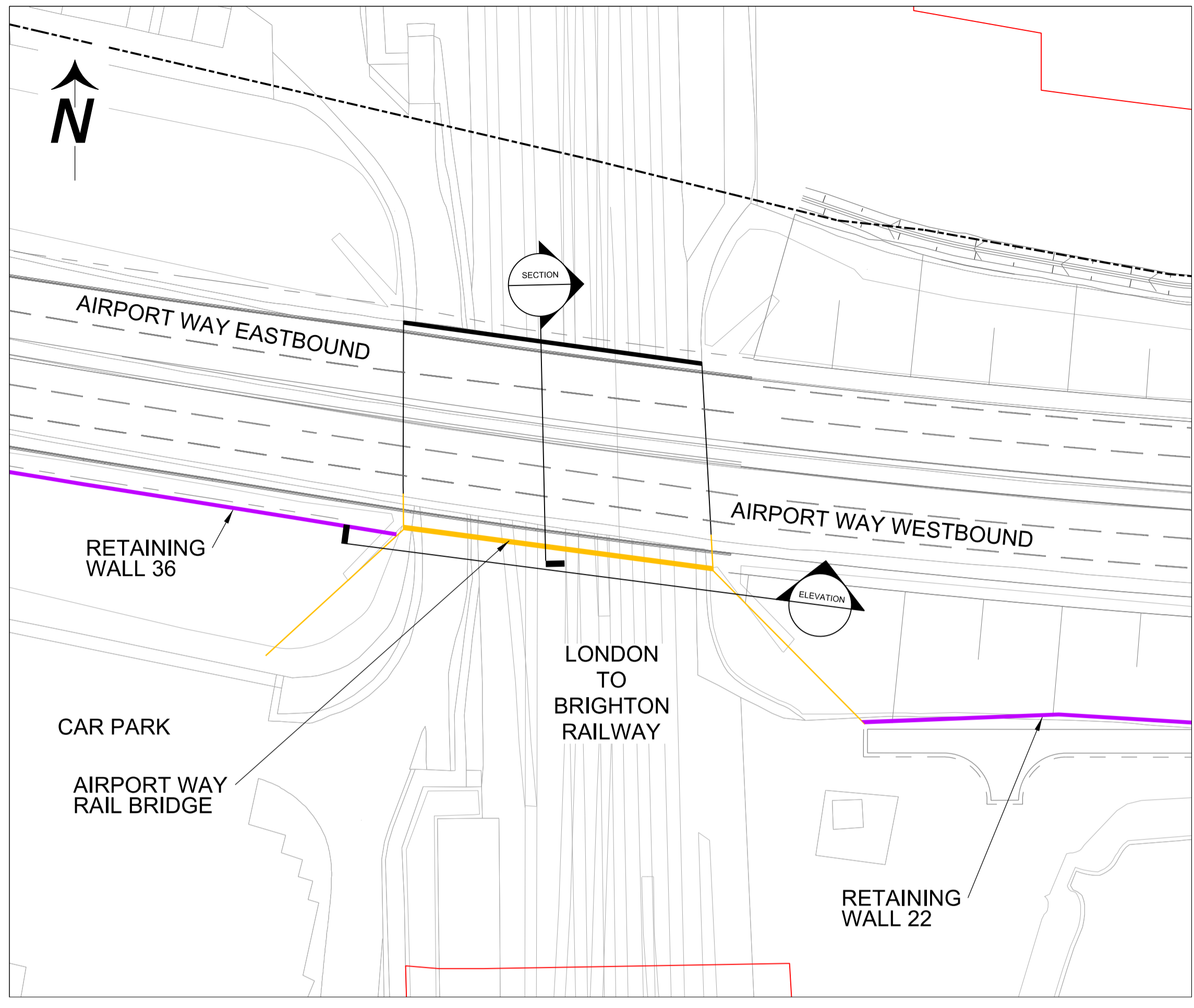
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0 1.0 2.0 3.0 4.0 5.0 SECTION SCALE 1:100m @ A1	
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Checked By JF	Checked Date 31/05/23	Drawn By NW	Status S4
Approved By DA	Approval Date 31/05/23	Reason for Issue DCO Submission	

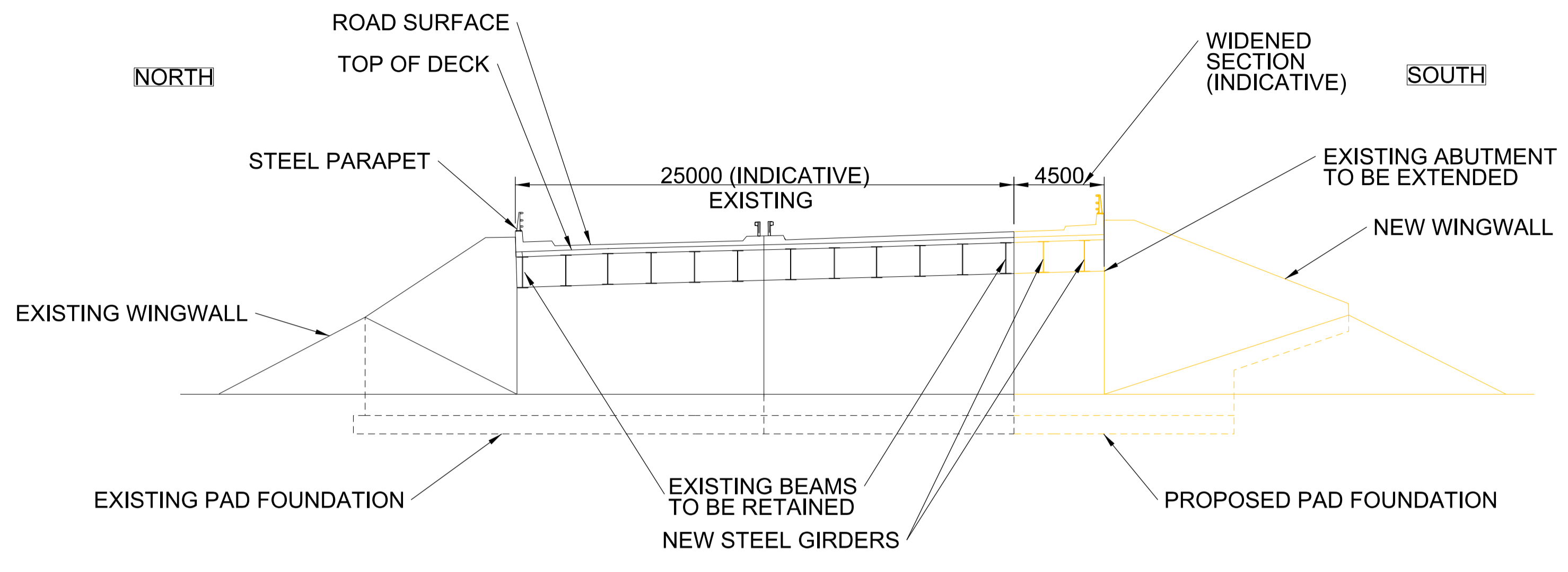
Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B -LLO - GA - 200175

Revision
P01

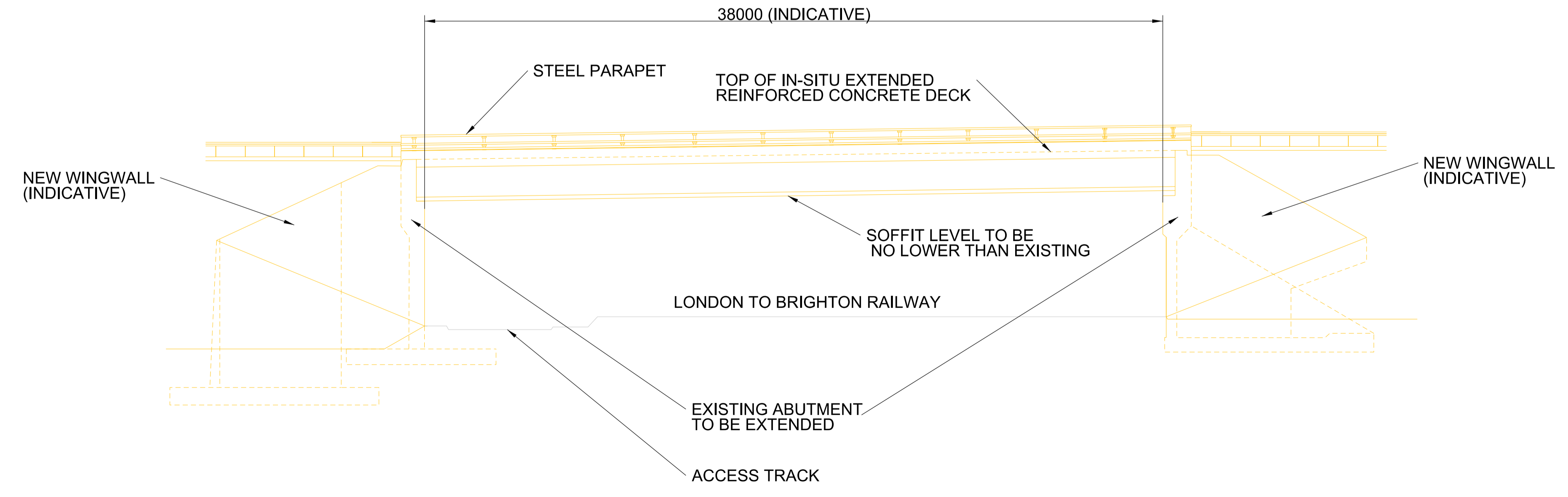
ISO A1 Landscape



PLAN
1:500 @ A1



CROSS SECTION
1:200 @ A1



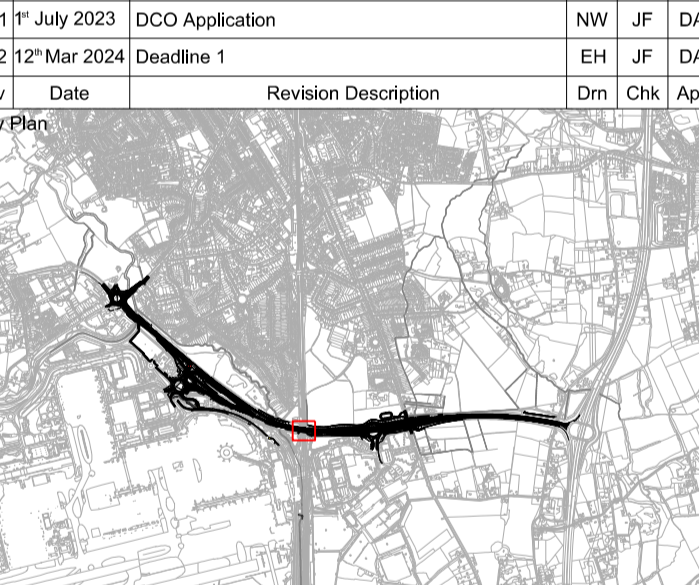
ELEVATION
1:150 @ A1

- Notes:
- 1) Highways Authority structure reference = Gatwick A23 bridge (STR 3327)
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond

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P01	1 st July 2023	DCO Application	NW	JF	DA
P02	12 th Mar 2024	Deadline 1	EH	JF	DA
Rev	Date	Revision Description	Drm	Chk	App



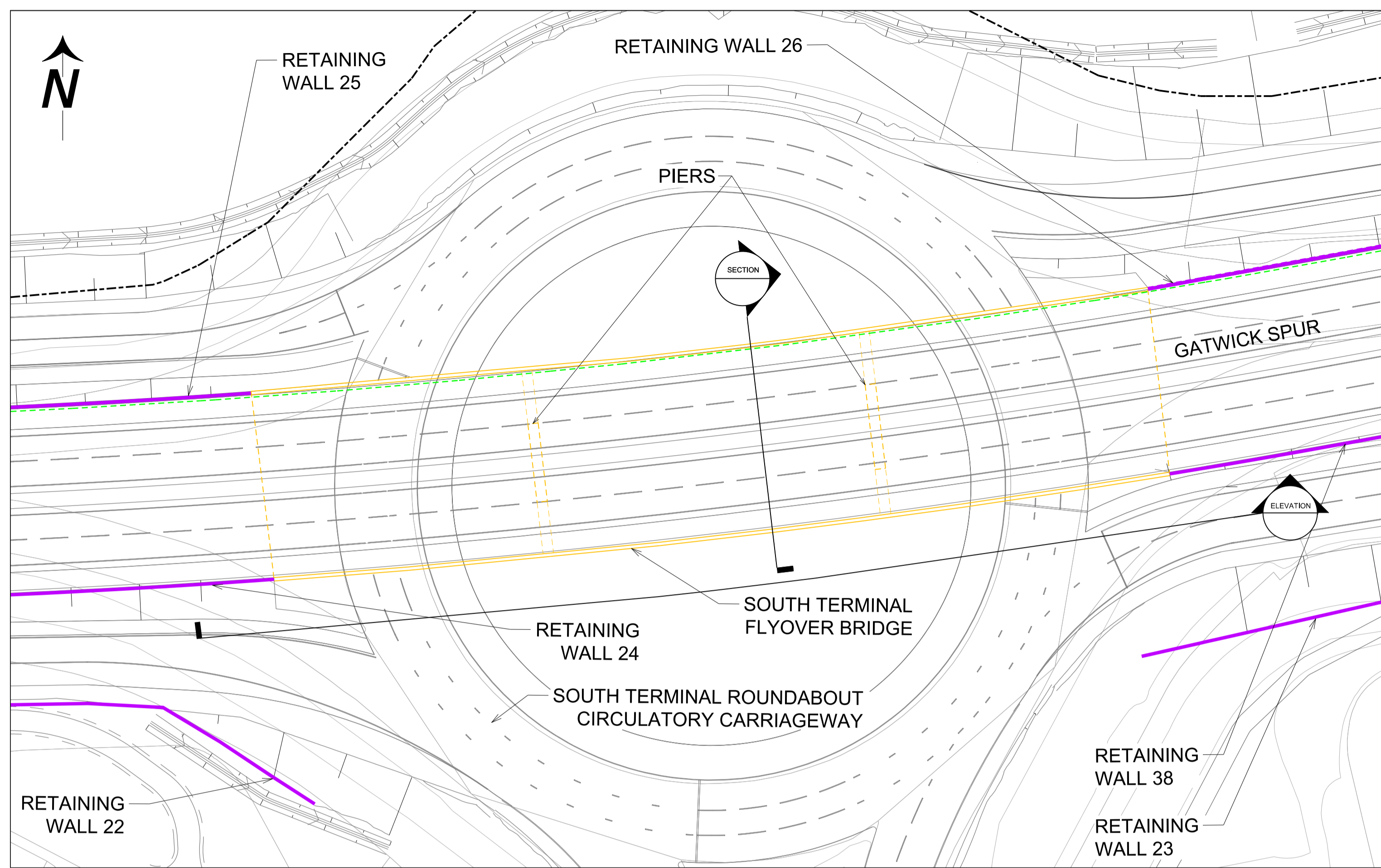
Project Name
Gatwick Airport Northern Runway Project

Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 6
Airport Way Rail Bridge

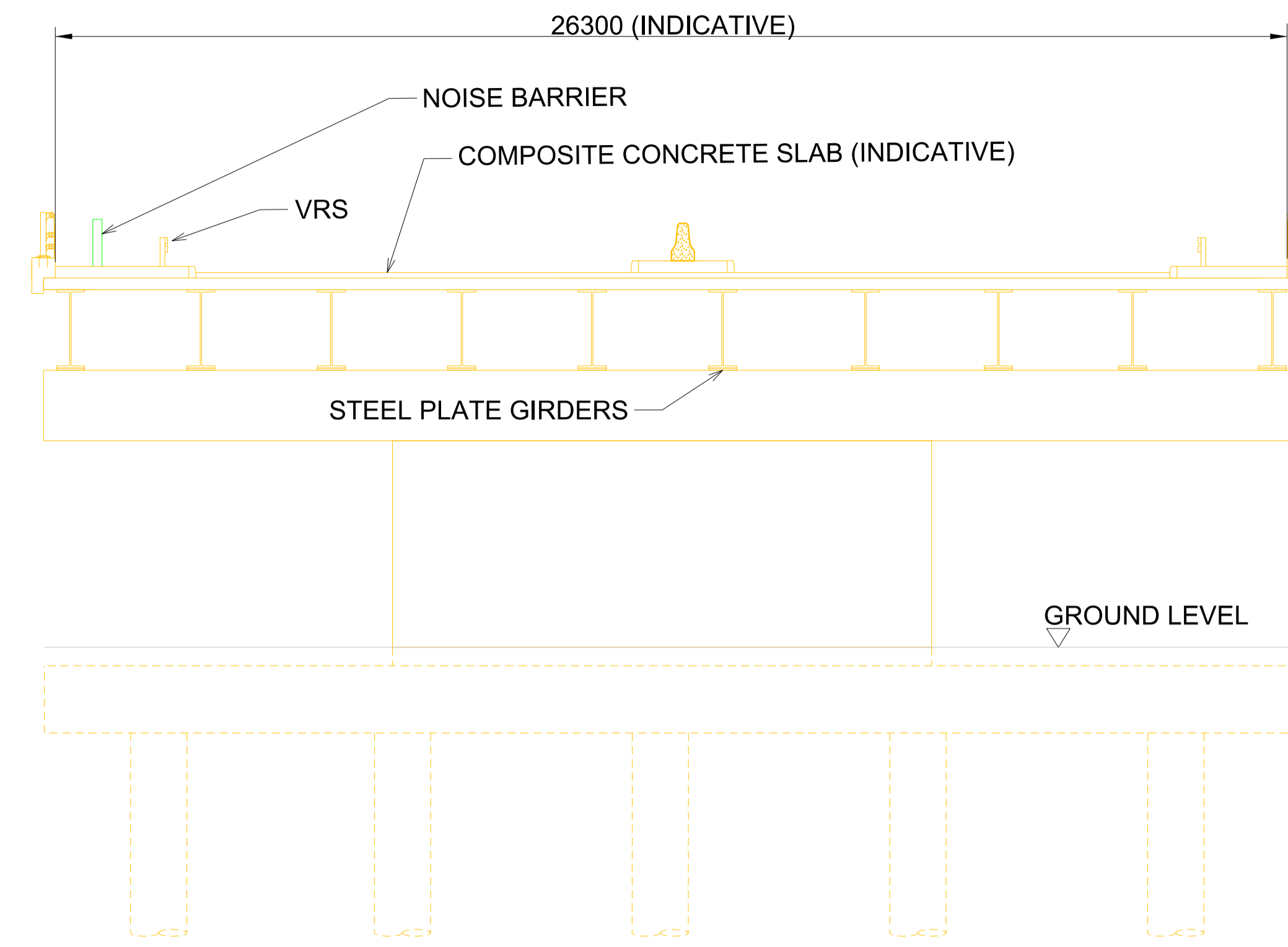
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SECTION SCALE	1:250m @ A1	Status	S4
ELEVATION SCALE	1:150m @ A1	Reason for Issue	Deadline 1

Checked By	Checked Date	Drawn By	Status
JF	20/02/24	EH	S4
Approved By	Approval Date	Reason for Issue	Deadline 1
DA	20/02/24		

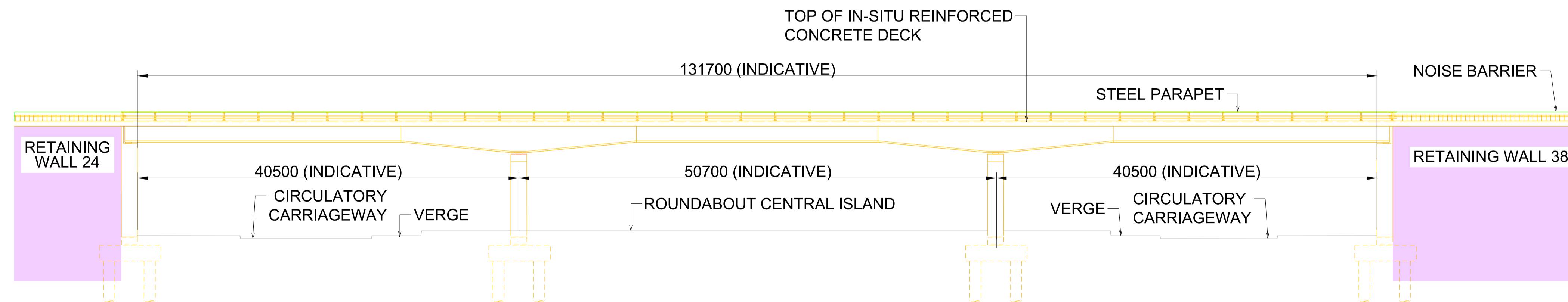
Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B- LLO- GA - 200176 P02



PLAN
1:500 @ A1



SECTION
1:100 @ A1



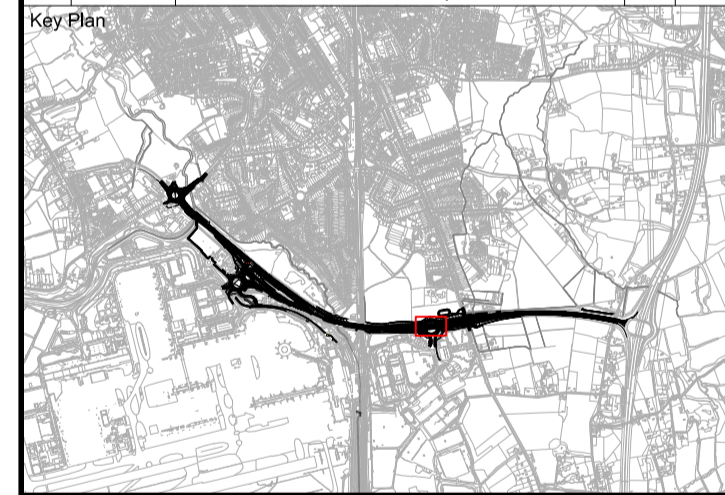
ELEVATION
1:300 @ A1

- Notes:
- 1) Highways Authority structure reference = New bridge proposed. No existing reference.
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond

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Rev	Date	DCO Application	Revision Description	NW	JF	DA
P01	1 st July 2023	DCO Application				



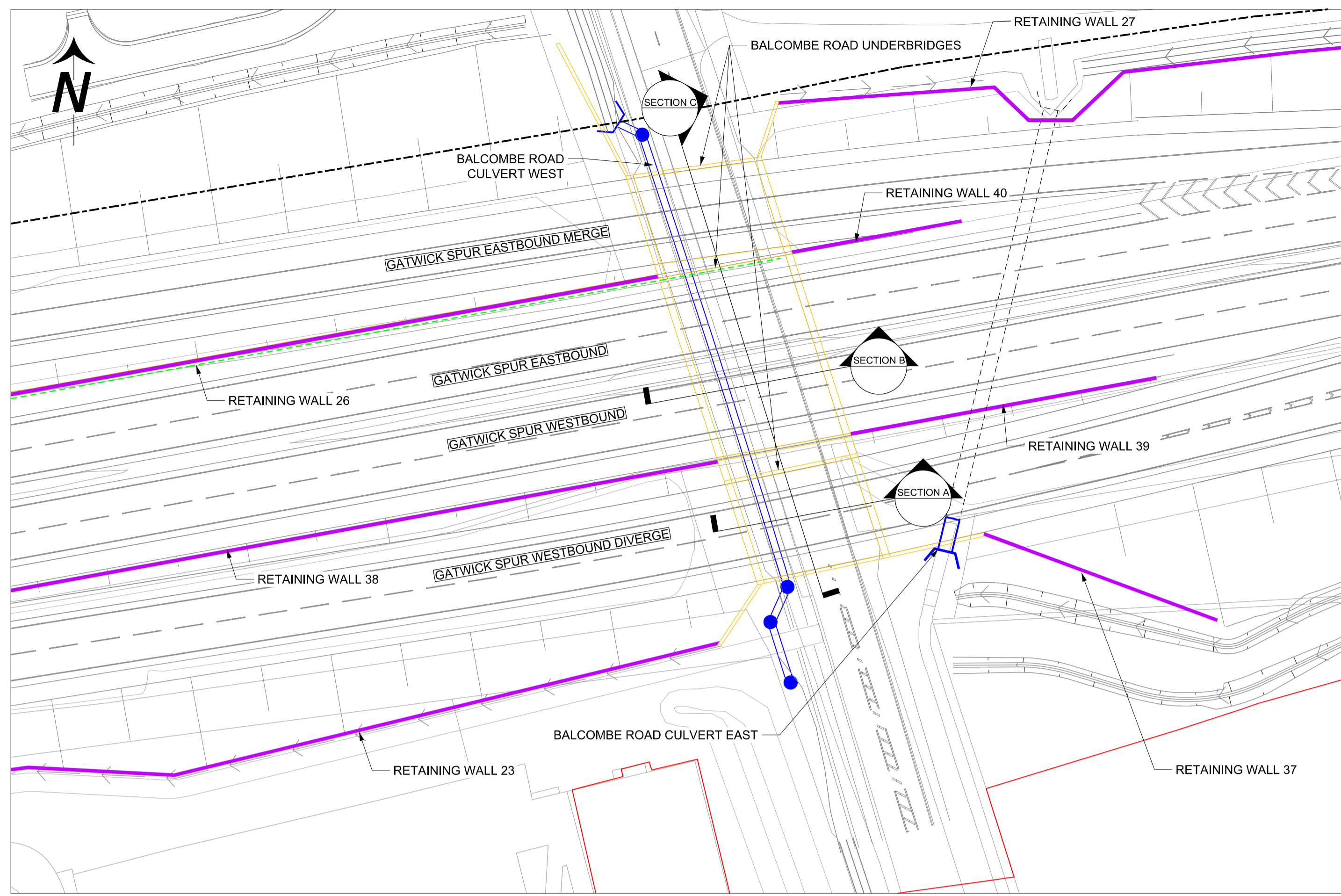
Project Name
Gatwick Airport Northern Runway Project

Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 7
South Terminal Flyover Bridge

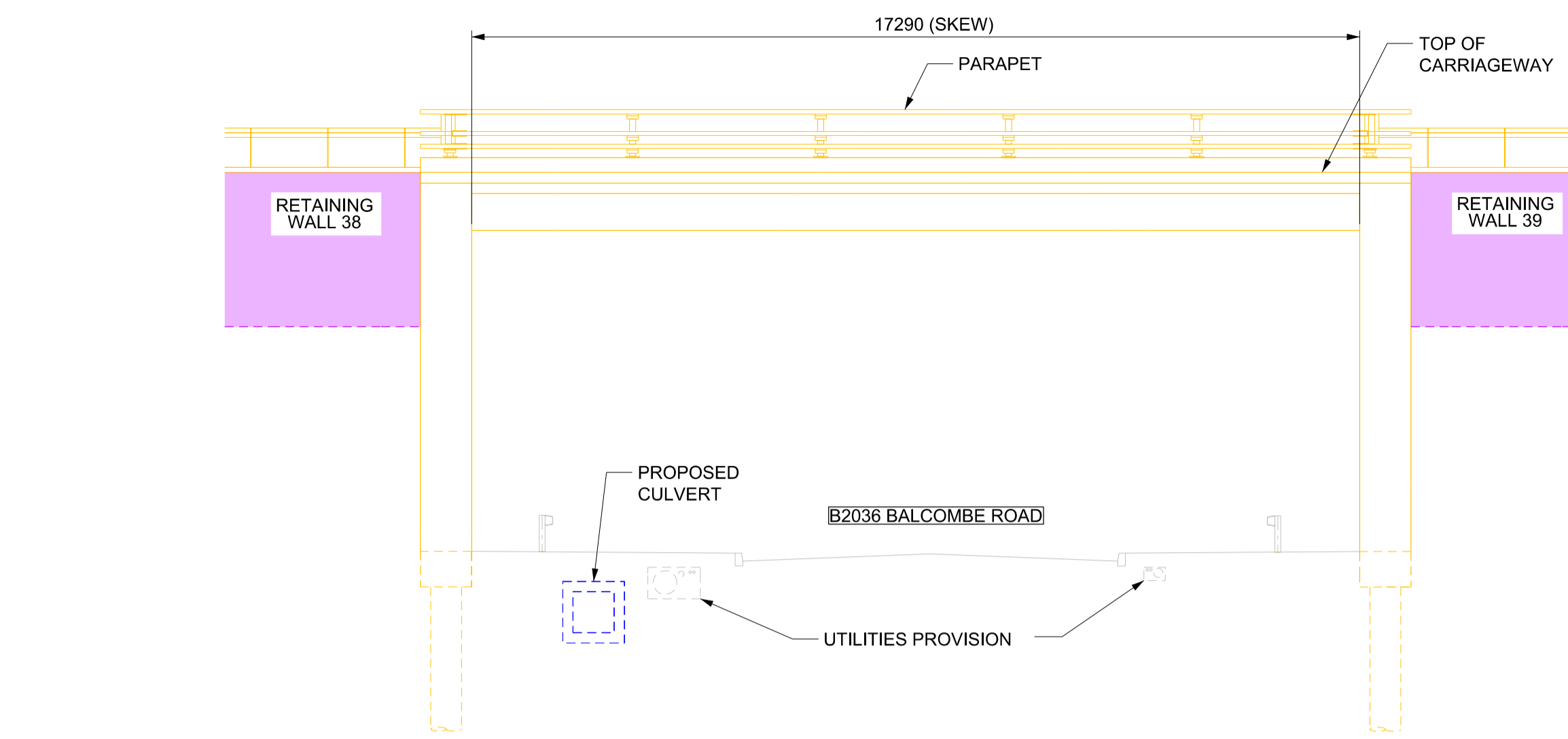
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SECTION SCALE 1:100m @ A1	0 3.0 6.0 9.0 12.0 15.0	Status S4
ELEVATION SCALE 1:300m @ A1		

Checked By JF	Checked Date 31/05/23	Drawn By NW	Status S4
Approved By DA	Approval Date 31/05/23	Reason for Issue DCO Submission	

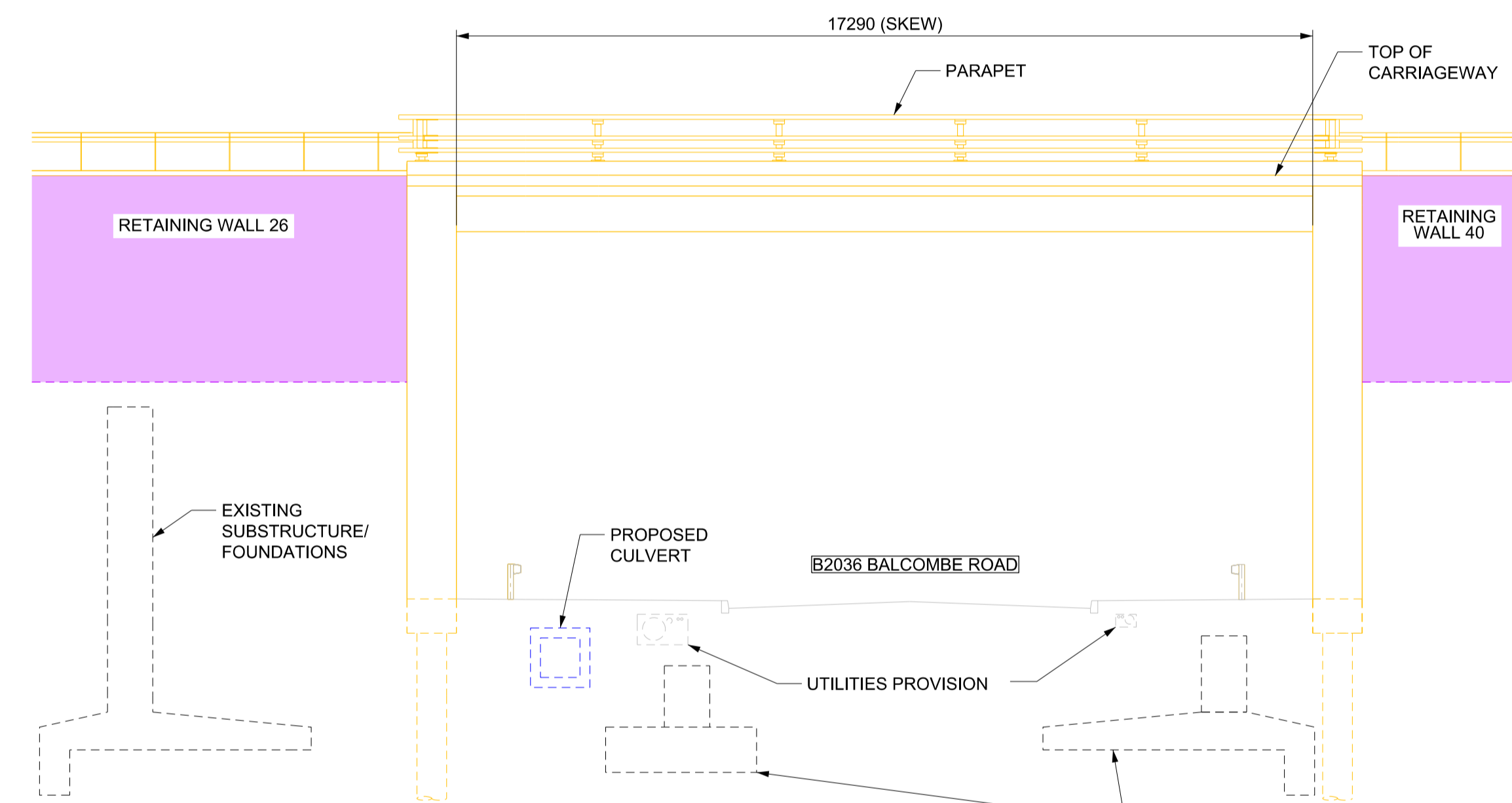
Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B- LLO- GA - 200177 P01



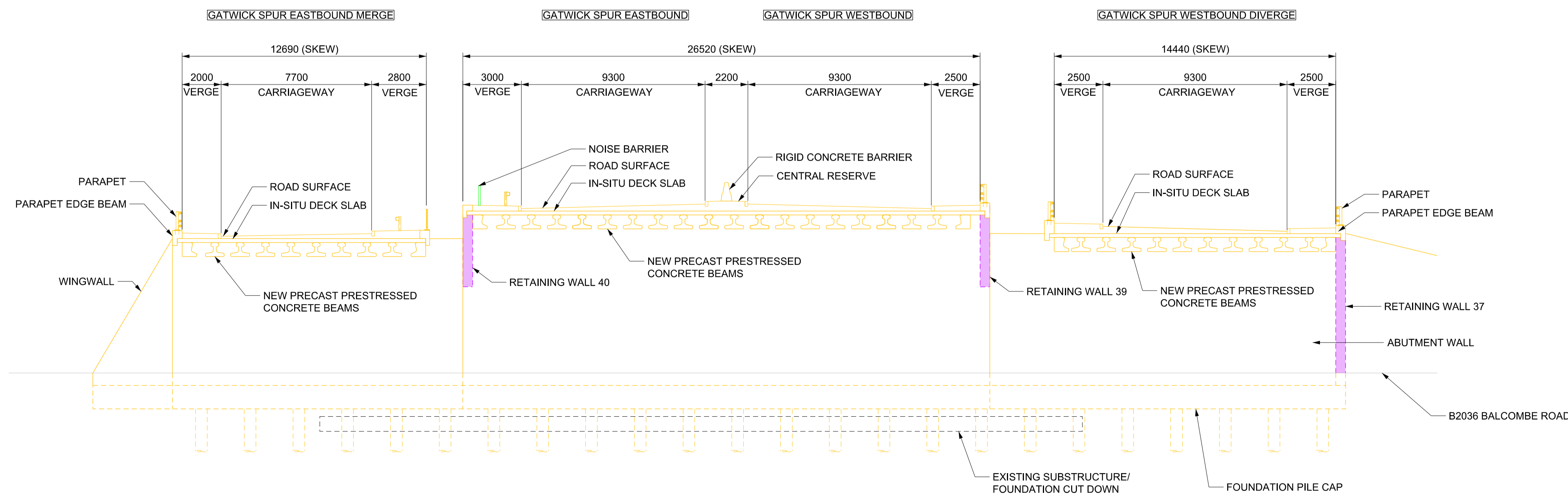
PLAN
SCALE 1:500 @ A1



SECTION A
SCALE 1:100 @ A1



SECTION B
SCALE 1:100 @ A1



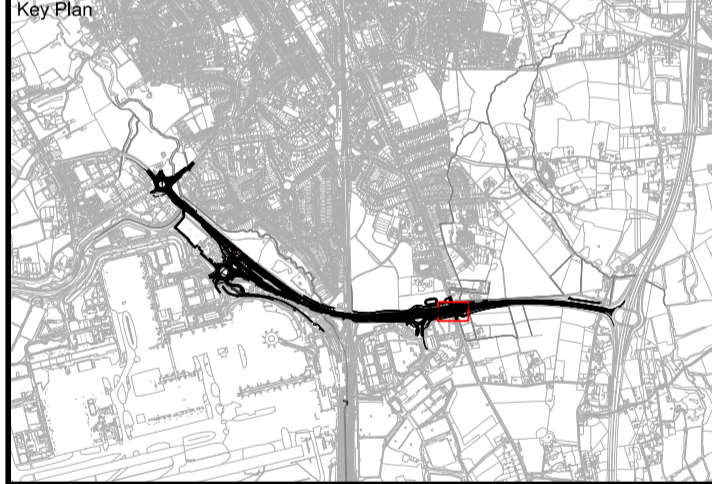
SECTION C
SCALE 1:150 @ A1

- Notes:
- 1) Highways Authority structure reference = Balcombe Road (Gatwick) (STR 3329)
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure
 - New/Modified Retaining Wall
 - Noise Barrier
 - Drainage Ditches
 - Attenuation Basin
 - Attenuation Pond
 - New Culvert
 - Existing Culvert

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Rev	Date	Revision Description	Drm	Chk	App
P01	1 st July 2023	DCO Application	NW	JF	DA
P02	12 th Mar 2024	Deadline 1	EH	JF	DA



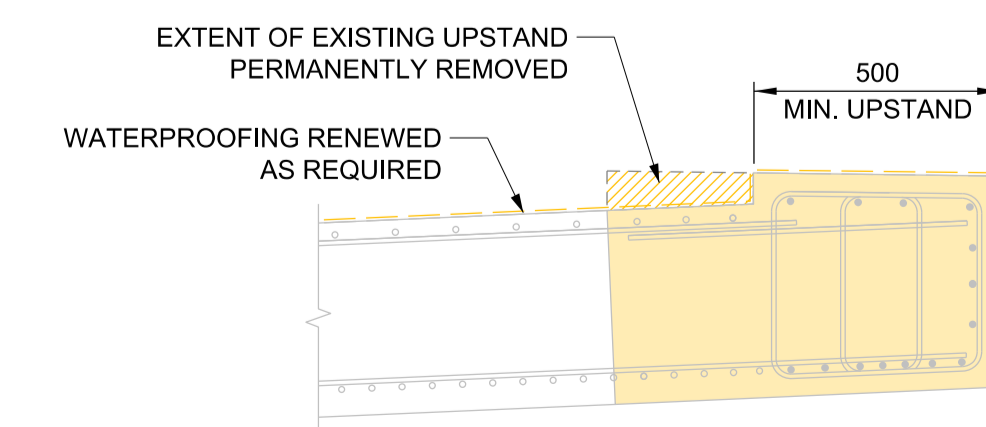
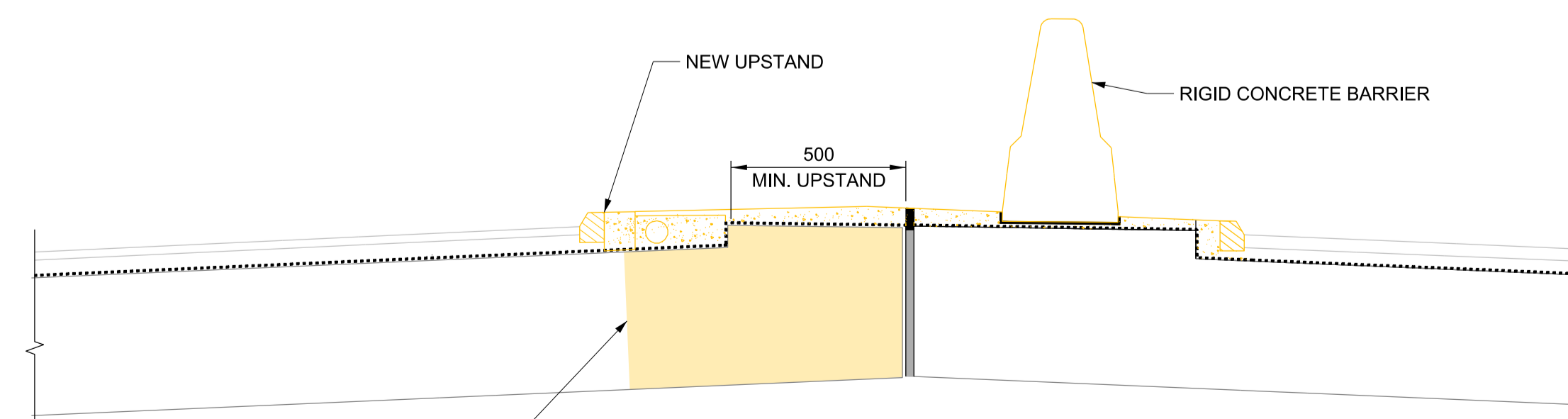
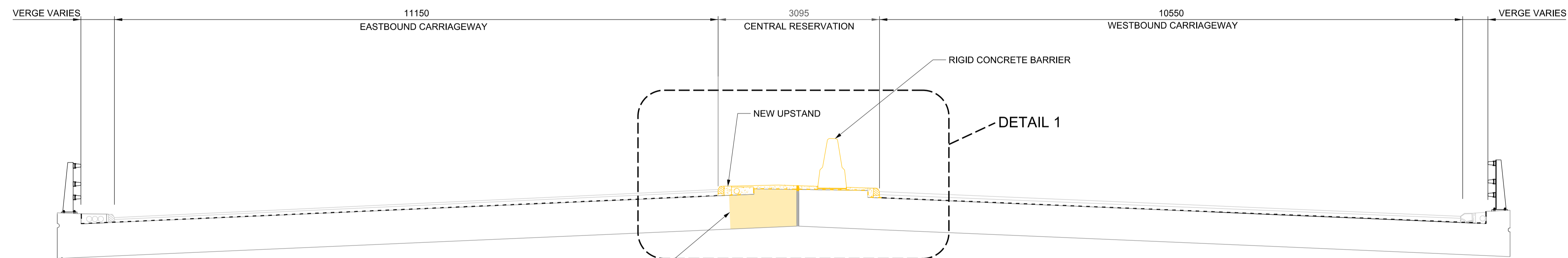
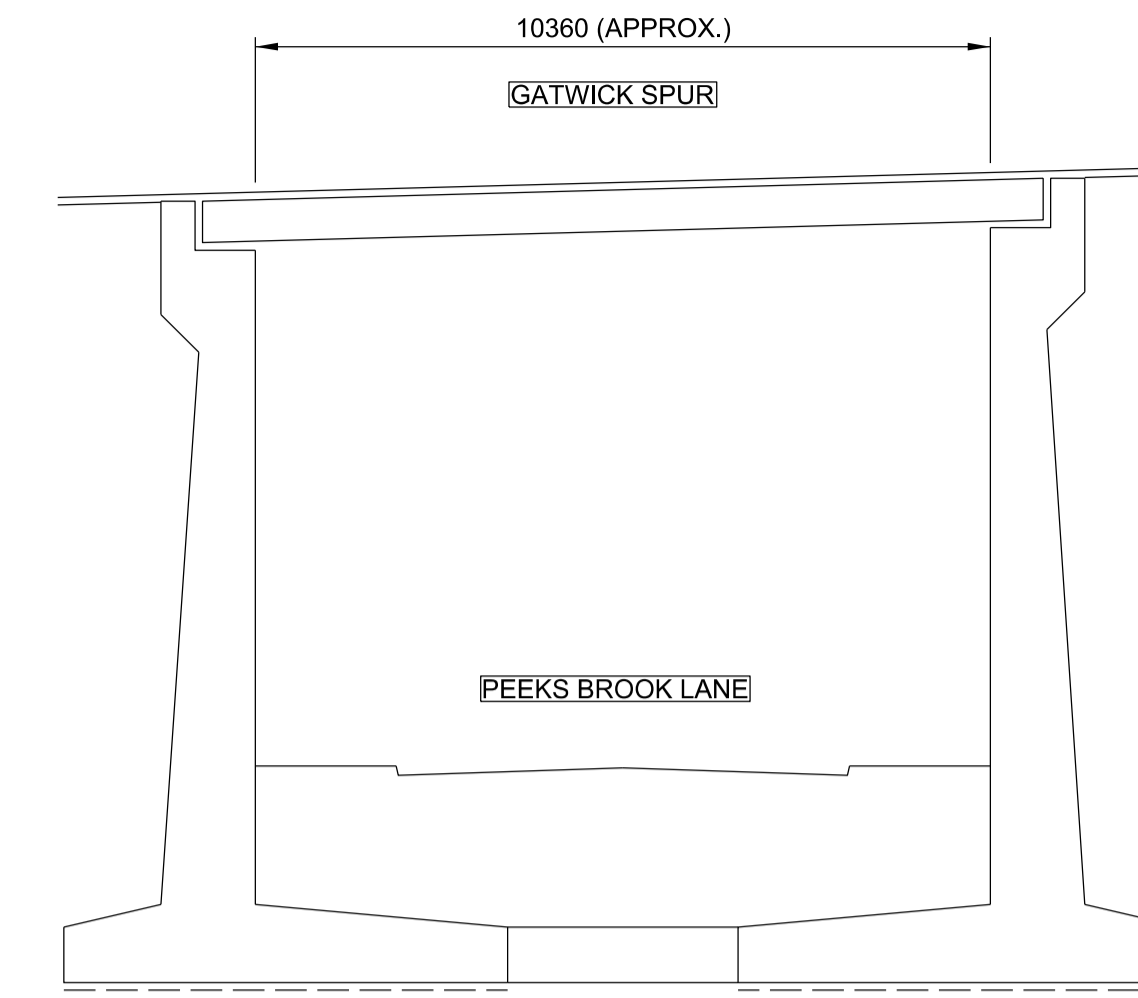
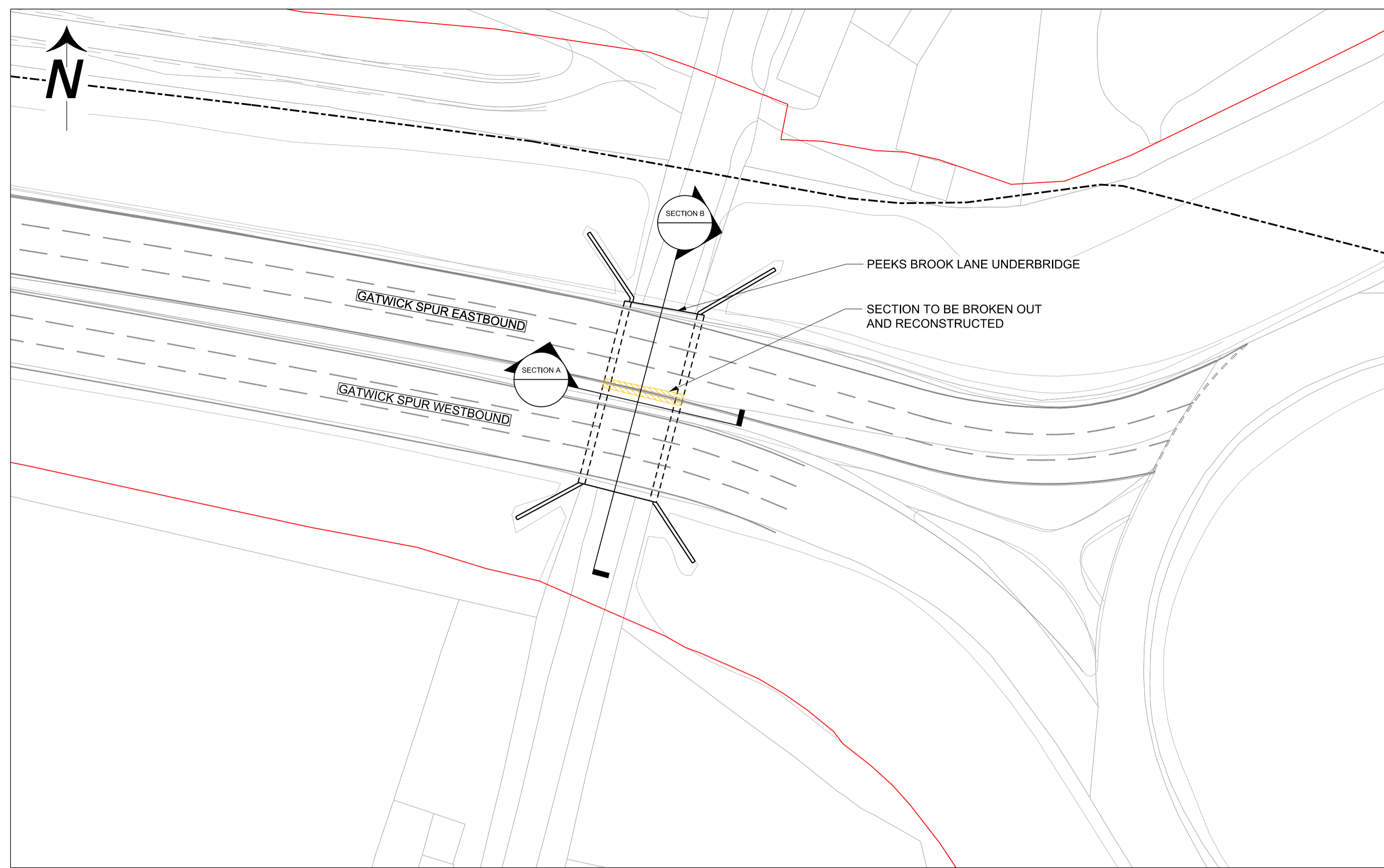
Project Name
Gatwick Airport Northern Runway Project

Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 8
Balcombe Road Underbridge

Scale	For Approval
PLAN SCALE 1:500m @ A1	For Approval Drawn Date 20/02/24 Status S4
SECTION A AND B SCALE 1:100m @ A1	
SECTION C SCALE 1:150m @ A1	
FOUNDATION PILE CAP SCALE 1:150m @ A1	

Checked By	Checked Date	Drawn By	Status
JF	20/02/24	EH	S4
Approved By	Approval Date	Reason for Issue	Deadline 1
DA	20/02/24		

Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B- LLO- GA - 200178 P02

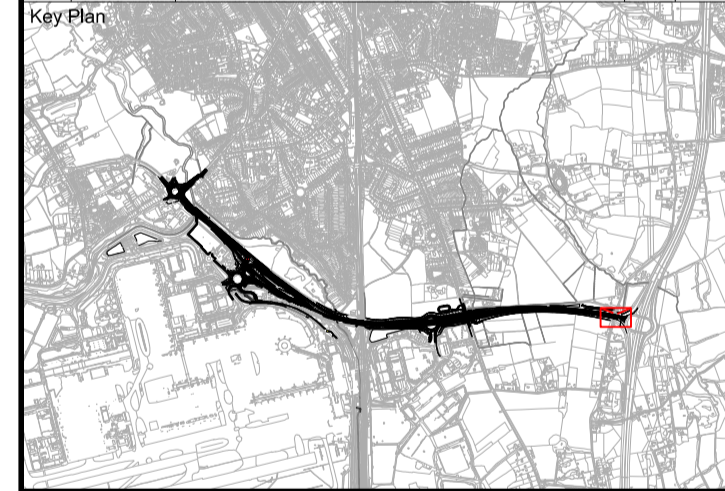


- Notes:
- 1) Highways Authority structure reference = Peeks Lane bridge (STR 3347)
 - 2) Do not scale from this drawing, use only printed dimensions
 - 3) All dimensions in millimeters unless otherwise stated.
 - 4) The design and location of the structure is shown here for illustrative purposes only and will be subject to detailed design development in accordance with the provisions of the Development Consent Order.

- Legend:
- Order Limits
 - County Council Boundary
 - Preliminary Scheme Design
 - Existing Structure
 - Existing Buried Structure
 - New/Modified Structure
 - New/Modified Buried Structure

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Rev	Date	Revision Description	Dm	Chk	App
P01	1 st July 2023	DCO Application	NW	JF	DA



Project Name
Gatwick Airport Northern Runway Project

Title
Surface Access Highways Plans
Structure Section Drawings
APFP Regulation 5(2)(o)
Sheet 9
Peeks Brook Lane Underbridge

Scale	0	5.0	10.0	15.0	20.0	25.0
PLAN SCALE 1:500m @ A1	0	1.0	2.0	3.0	4.0	5.0
SECTION A SCALE 1:100m @ A1	0	0.5	1.0	1.5	2.0	2.5
SECTION B SCALE 1:50m @ A1	0	0.25	0.5	0.75	1	1.25
DETAIL 1 AND 2 SCALE 1:25m @ A1	0	0.25	0.5	0.75	1	1.25

Checked By	Checked Date	Drawn By	Status
JF	31/05/23	NW	S4

Approved By	Approval Date	Reason for Issue
DA	31/05/23	DCO Submission

Project Code-Location-Discipline-Volume-Type-Unique Number
41700- XX -B- LLO- GA - 200179 P01