

M25 junction 10/A3 Wisley interchange TR010030

2.9 Engineering drawings and sections

Regulation 5(2)(o), Regulation 6(2)(a) and 6(2)(b)
Planning Act 2008

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



Infrastructure Planning

Planning Act 2008

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

M25 junction 10/A3 Wisley interchange Development Consent Order 202[x]

2.9 ENGINEERING DRAWINGS AND SECTIONS

Regulation Number:		Regulation 5(2)(o), Regulation 6(2)(a) and 6(2)(b)
Planning Inspectorate Scheme Reference		TR010030
Application Document Reference		TR010030/APP/2.9
Author:		M25 junction 10/A3 Wisley interchange project team, Highways England
Version	Date	Status of Version
Rev 1	May 2020	Submitted for Deadline 8
Rev 0	June 2019	Development Consent Order application

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1. Introduction and purpose of this document

1.1.1 Highways England ('the Applicant') is applying to the Secretary of State for a development consent order ('DCO') to authorise a scheme for the improvement of the M25 junction 10/A3 Wisley interchange ('the Scheme'). The Application is submitted to the Planning Inspectorate (as the responsible agency) under section 37 of the Planning Act 2008. The draft DCO is referred to as the M25 junction 10/A3 Wisley interchange Development Consent Order 202[x]. The DCO is seeking powers to upgrade the existing M25 junction 10/A3 Wisley interchange, including powers to compulsorily acquire land and other rights and interests as necessary to facilitate the construction, operation and maintenance of the Scheme.

1.1.2 This document comprises part of the suite of Application documents and is included within the Application in accordance with Regulations 5(2)(o), 6(2)(a) and 6(2)(b) of The Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 (as amended), which states that an application for development consent must be accompanied by:

'5(2)(o) any other plans, drawings and sections necessary to describe the proposals for which development is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping.

'6(2) If the application is for highway related development or for the construction or alteration of a railway, it must be accompanied by section drawings to suitable horizontal and vertical scales, which show, by reference to Ordnance Survey or Chart datum

- (a) the levels of the proposed works, including in particular and where relevant
 - (i) ground levels*
 - (ii) the height of every proposed bridge, viaduct, aqueduct, embankment and elevated guideway;*
 - (iii) the depth of every proposed cutting and tunnel;*
 - (iv) the levels of the bed of any tidal waters or inland waterway in which it is proposed that any works should be situated;*
 - (v) the height of every structure or device (including a cable, but not catenary and related equipment) intended to be erected above, on or below the surface of, or on or beneath the bed of tidal waters or an inland waterway; and*
 - (vi) drainage outfall details for highways;**
- (b) a cross section of every intended tunnel and any altered gradient of a carriageway or a way forming part of a guided transport system on either side of every level crossing, bridge, tunnel or underpass which would carry the carriageway or way or through which it would pass.*

1.1.3 As this document is part of the Application documentation, it should be read alongside and is informed by the other Application documents. In particular, the plans should be read alongside Schedule 1 of the draft DCO (application

document TR010030/APP/3.1) which lists the works for which consent is sought, together with the Works Plans (application document TR010030/APP/2.3), the Scheme Layout Plans (application document TR010030/APP/2.8) and the Temporary Works Plans (application document TR010030/APP/2.10).

1.1.4 A full description of the Scheme can be found in application document TR010030/APP/1.2 Introduction to the Application.

1.2 Scope and format of the Engineering Drawings and Sections

- 1.2.1 The purpose of the Engineering Drawings and Sections is to show the key features of the Scheme for which development consent is sought. These plans are submitted for approval. The Scheme will be designed in detail and carried out so that it is compatible with these plans unless otherwise approved in accordance with the requirements set out in Schedule 2 of the DCO (see application document TR010030/APP/3.1).
- 1.2.2 In preparing these Plans, the Applicant has had regard to the advice provided by the Planning Inspectorate under Section 51 of the Planning Act 2008 relating to the format and presentation of application plans.
- 1.2.3 The Applicant has adopted the same consistent approach for the Engineering Drawings and Sections Plans as has been used for the Land Plans (application document TR010030/APP/2.2), the Works Plans (application document TR010030/APP/2.3), the Scheme Layout Plans (application document TR010030/APP/2.8) and the Streets, Rights of Way and Access Plans (application document TR010030/APP/2.4). The information contained on each sheet corresponds with the information shown on the Works Plans and on the Streets, Rights of Way, Scheme Layout Plans and Access Plans. This consistent approach is intended to help interested parties understand the inter-relationship between the different sets of plans and to help show the design of the Scheme more clearly than can otherwise be shown in the Works Plans alone.
- 1.2.4 In accordance with Regulation 5(4) of The Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 (as amended), a Key Plan has been provided to aid navigation of the Engineering Drawings and Sections and to show how the different sheets are inter-related.
- 1.2.5 The Engineering Drawings and Sections show details of the height of proposed bridges, structures and embankments and the depth of proposed cuttings, together with cross-sections of structures, longitudinal profiles and typical details for specific design features, including the following:
- General arrangement drawing showing details of the proposed structures and embankments including overbridges and bridges;
 - Typical details of the proposed road lighting column and foundation;
 - Typical details of the steel verge road restraints;
 - Typical details of the steel road restraints at the overbridges/gantries;
 - Typical details of environment barriers;
 - Typical pond details;

- Typical plan of the gantry types;
- Longitudinal profiles of the Scheme;

1.2.6 The information shown on the Plans is commensurate with the preliminary design status of the Scheme at this stage. The Scheme will be designed in detail once consent for the Scheme is granted. The detail design will be in accordance with the Engineering Drawings and Sections, to the extent of the defined limits of deviation provided for in the DCO and any approval required under the DCO requirements set out in Schedule 2 of the Order (see application document TR010030/APP/3.1).

1.2.7 The horizontal limits of deviation for the works are shown in the Works Plans (application document TR010030/APP/2.3), whilst Article 7 of the DCO (application document TR010030/APP/3.1) establishes vertical limits of deviation. These limits of deviation are necessary to provide the Applicant with a limited and proportionate degree of flexibility to make minor adjustments to the Scheme in the light of further detailed site investigations and as the development of the designs are refined.

1.2.8 Further information about the limits of deviation is provided in the Explanatory Memorandum (application document TR010030/APP/3.2) and in the explanatory text accompanying the Works Plans (application document TR010030/APP/2.3). The Environmental Statement (application document TR010030/APP/6.3 – chapter 2) explains how the Applicant has taken account of these limits in identifying and assessing the likely significant environmental effects of the Scheme.

1.3 Consolidated final plans

1.3.1 This set of consolidated Engineering Drawings and Sections takes into account the following changes accepted into examination:

- **Change 1** Extension of the proposed Cockcrow green bridge.
- **Change 3** Removal of part of the proposed improvements to the A245 eastbound between the junction with Seven Hills Road and the Painshill interchange.

1.3.2 The following changes do not affect the Engineering Drawings and Sections:

- **Change 2** Incorporation of two toad underpasses at Old Lane and other mitigation measures.
- **Change 4** Amendments to construction working hours specified in requirement 3 (Construction and handover environmental management plans) of the dDCO.
- **Change 5** Adjustments to the Order limits in the dDCO to accommodate a revised diversion of a gas main.
- **Change 6** Amendment to the speed limit at Elm Lane (and including Byway 525 – Byway Open to All Traffic).
- **Change 8** Old Lane and Elm Lane Visibility Splays.
- **Change 9** Wisley Airfield Construction Worksite.

1.4 Proposed change to the DCO - Change 7

Drawings for Change 7, the optional alternative Private Means of Access to Court Close Farm through Heyswood Campsite, are not included in this pack. However, should the Secretary of State choose this optional alternative, prior to certification under Schedule 11 of the Development Consent Order the relevant plans should be substituted with those in Appendix C in Part 1 of DCO Change Request Drawings - Changes 7-9 [REP7-017].

2. Schedule of Plans included in this application document

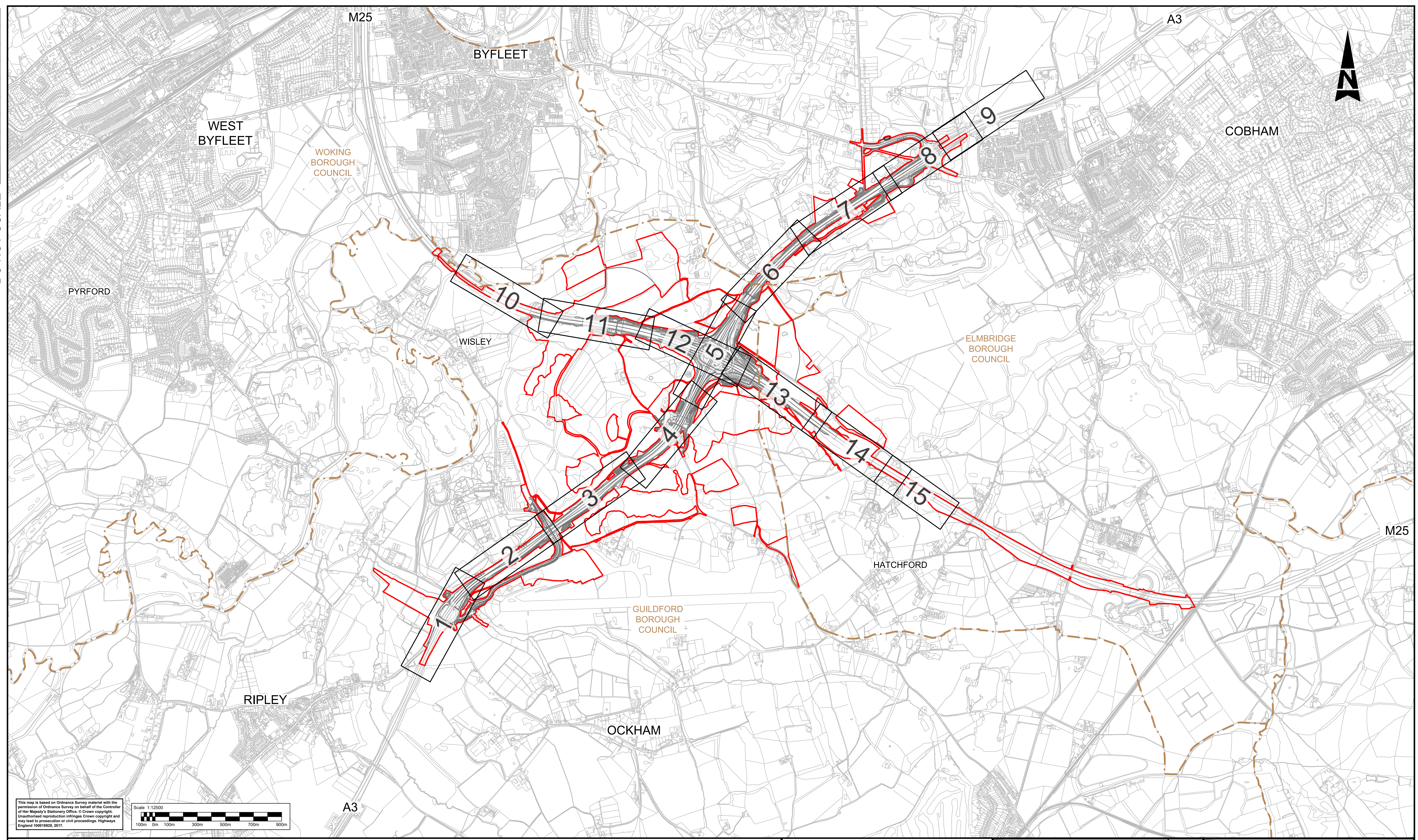
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Plan and Profile - Regulation 5(2)(o) and 6(2) - Key Plan	TR010030/APP/2.9	2
Plan and Profile - Regulation 5(2)(o) and 6(2) - Sheet 1 of 15	TR010030/APP/2.9	0
Plan and Profile - Regulation 5(2)(o) and 6(2) - Sheet 2 of 15	TR010030/APP/2.9	0
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Longitudinal Profile - Regulation 5(2)(o) and 6(2) - Sheet 1 of 25	TR010030/APP/2.9	0
Longitudinal Profile - Regulation 5(2)(o) and 6(2) - Sheet 2 of 25	TR010030/APP/2.9	0
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Longitudinal Profile - Regulation 5(2)(o) and 6(2) - Sheet 25 of 25	TR010030/APP/2.9	0
Cross Sections - Regulation 5(2)(o) and 6(2) - Key Plan	TR010030/APP/2.9	0
Cross Sections - Regulation 5(2)(o) and 6(2) - Sheet 1 of 5	TR010030/APP/2.9	0
Cross Sections - Regulation 5(2)(o) and 6(2) - Sheet 2 of 5	TR010030/APP/2.9	0
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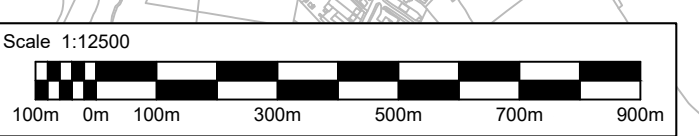
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Structure Details - Stratford Brook Underbridge - Regulation 5(2)(o) and 6(2) - Sheet 1 of 7	TR010030/APP/2.9	0
Structure Details - Wisley Lane Overbridge - Regulation 5(2)(o) and 6(2) - Sheet 2 of 7	TR010030/APP/2.9	0
Structure Details - Cockcrow Overbridge - Regulation 5(2)(o) and 6(2) - Sheet 3 of 7	TR010030/APP/2.9	1
Structure Details - New Junction 10 Bridges - Regulation 5(2)(o) and 6(2) - Sheet 4 of 7	TR010030/APP/2.9	0
Structure Details - Sandpit Hill Overbridge - Regulation 5(2)(o) and 6(2) - Sheet 5 of 7	TR010030/APP/2.9	0
Structure Details - Redhill Overbridge - Regulation 5(2)(o) and 6(2) - Sheet 6 of 7	TR010030/APP/2.9	0
Structure Details - Clearmount Overbridge - Regulation 5(2)(o) and 6(2) - Sheet 7 of 7	TR010030/APP/2.9	0
Typical steel road restraint at overbridges/verges - Regulation 5(2)(o) and 6(2) - Sheet 1 of 2	TR010030/APP/2.9	0
Typical steel road restraint at overbridges/verges - Regulation 5(2)(o) and 6(2) - Sheet 2 of 2	TR010030/APP/2.9	0
Typical gantry type plan - A3 Mainline - Regulation 5(2)(o) and 6(2) - Sheet 1 of 3	TR010030/APP/2.9	0
Typical gantry type plan - M25 Mainline - Regulation 5(2)(o) and 6(2) - Sheet 2 of 3	TR010030/APP/2.9	0
Typical gantry type plan - M25 Mainline - Regulation 5(2)(o) and 6(2) - Sheet 3 of 3	TR010030/APP/2.9	0
Gentry Details - MS4 Cantilever Gantry - Regulation 5(2)(o) and 6(2) - Sheet 1 of 4	TR010030/APP/2.9	0
Gentry Details - Super Span Portal Gantry - Regulation 5(2)(o) and 6(2) - Sheet 2 of 4	TR010030/APP/2.9	0
Gentry Details - Single Carriageway Portal Gantry - Regulation 5(2)(o) and 6(2) - Sheet 3 of 4	TR010030/APP/2.9	0
Gentry Details - ADS Cantilever Gantry - Regulation 5(2)(o) and 6(2) - Sheet 4 of 4	TR010030/APP/2.9	0
Typical Pond Detail - Regulation 5(2)(o) and 6(2) - Sheet 1 of 1	TR010030/APP/2.9	0
Typical Detail - Environmental Barrier - Regulation 5(2)(o) and 6(2) - Sheet 1 of 1	TR010030/APP/2.9	0
Typical Detail - Road Lighting Column and Foundation - Regulation 5(2)(o) and 6(2) - Sheet 1 of 1	TR010030/APP/2.9	0

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LEGEND:

2 SHEET NUMBER FOR WORKS IN THIS AREA

— DEVELOPMENT CONSENT ORDER (DCO) BOUNDARY

- - - LOCAL AUTHORITY BOUNDARY

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
A4	0	SA	NK	VA	GB	13/08/19
Description SUBMITTED FOR DEADLINE 4						
A1	1	SA	LH	RM	ADK	28/01/20
Description SUBMITTED FOR DEADLINE 8						
A1	2	SB	LH	RM	RB	29/04/20

Drawing Suitability: **APPROVED - PUBLISHED**

Status: **A1**

Project Title: **M25 junction 10/A3 Wisley interchange**

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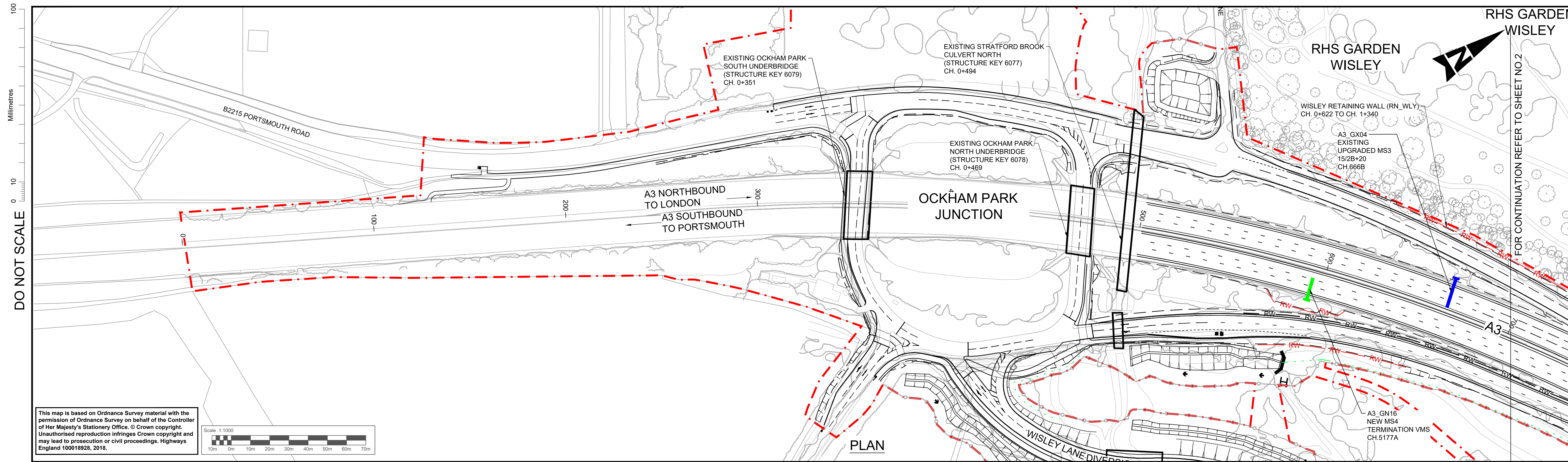
Client: **Working on behalf of highways england**

Drawing Title: **PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) KEY PLAN**

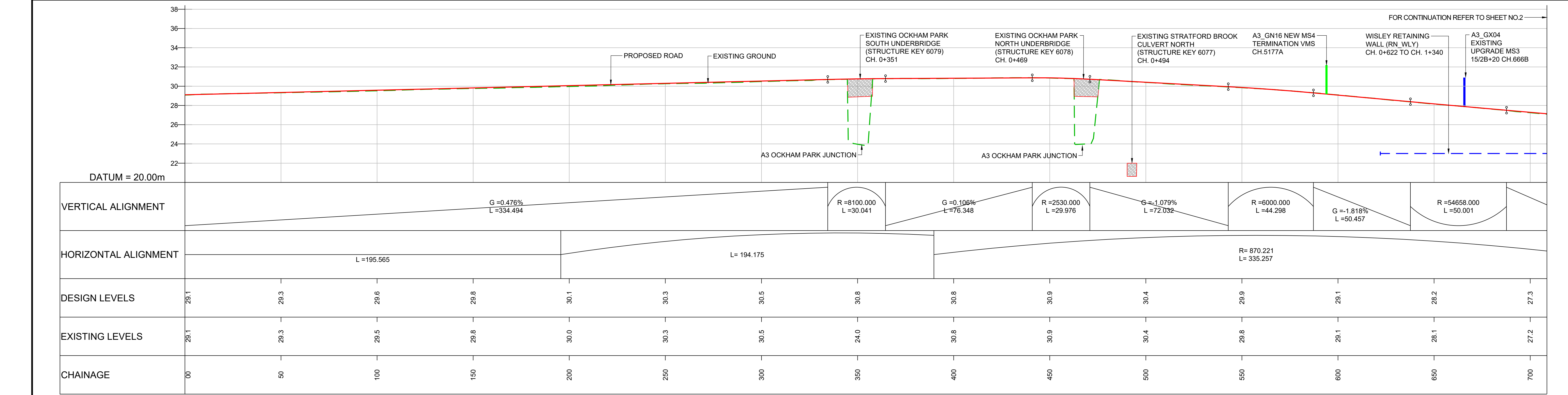
Drawing Number: **TR010030/APP/2.9**

Rev: **2**

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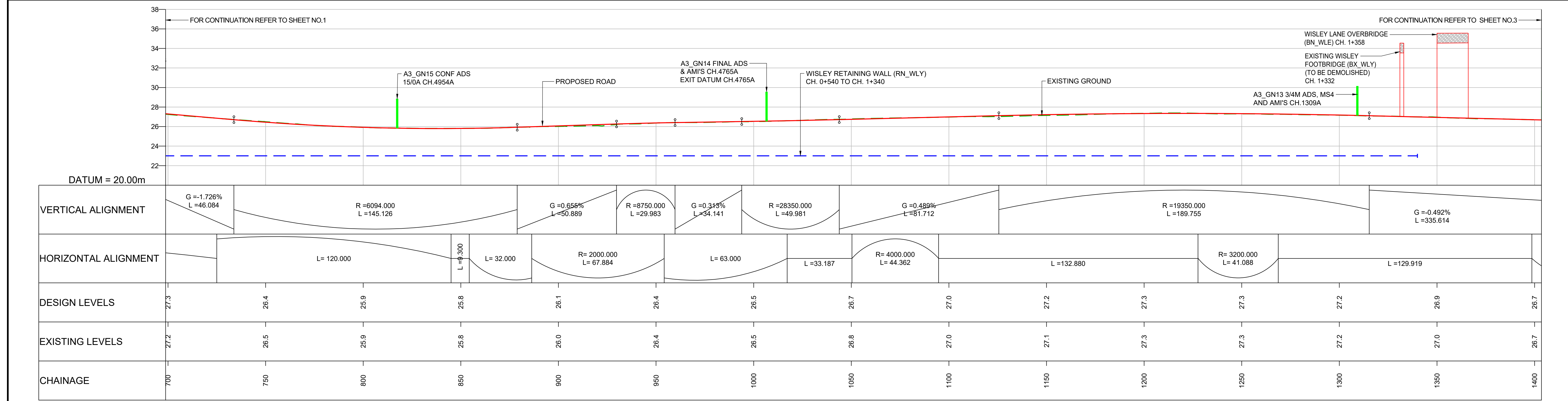
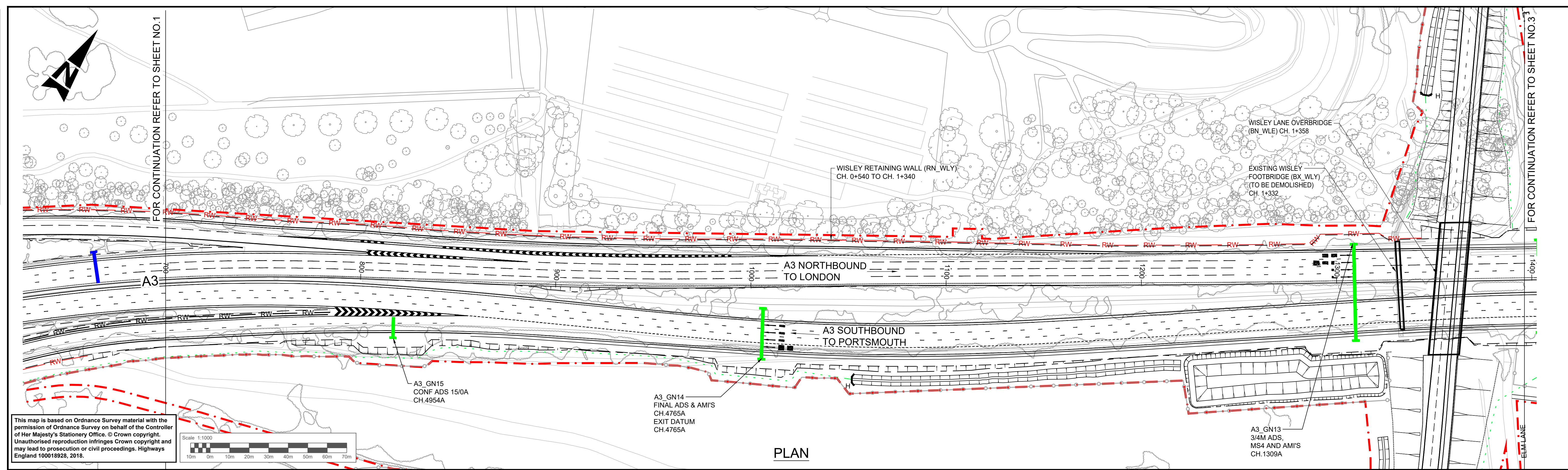
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	EXISTING RETAINING WALL		PROPOSED RETAINING WALL		GANTRY TO BE UPGRADED
	PROPOSED GROUND		OVERHEAD POWER LINE		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).							
Construction CONSTRUCTION OF STRUCTURE OVER LIVE CARRIAGEWAY							
Maintenance / Cleaning NONE							
Use NONE							
Decommissioning / Demolition NONE							

Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 1 OF 15	
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				Rev: 0	
				HE PIN: HE551522 Scale: 1:1000 Original Size: A1	

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KEY (FOR LONGITUDINAL SECTION ONLY)

- PROPOSED ROAD
- EXISTING GROUND
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE
- NEW GANTRY
- GANTRY TO BE UPGRADED

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction CONSTRUCTION OF STRUCTURE OVER LIVE CARRIAGEWAY							
Maintenance / Cleaning NONE							
Use NONE							
Decommissioning / Demolition NONE							

DCO APPLICATION

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
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Client: Working on behalf of highways england

Project Title: M25 junction 10/A3 Wisley interchange

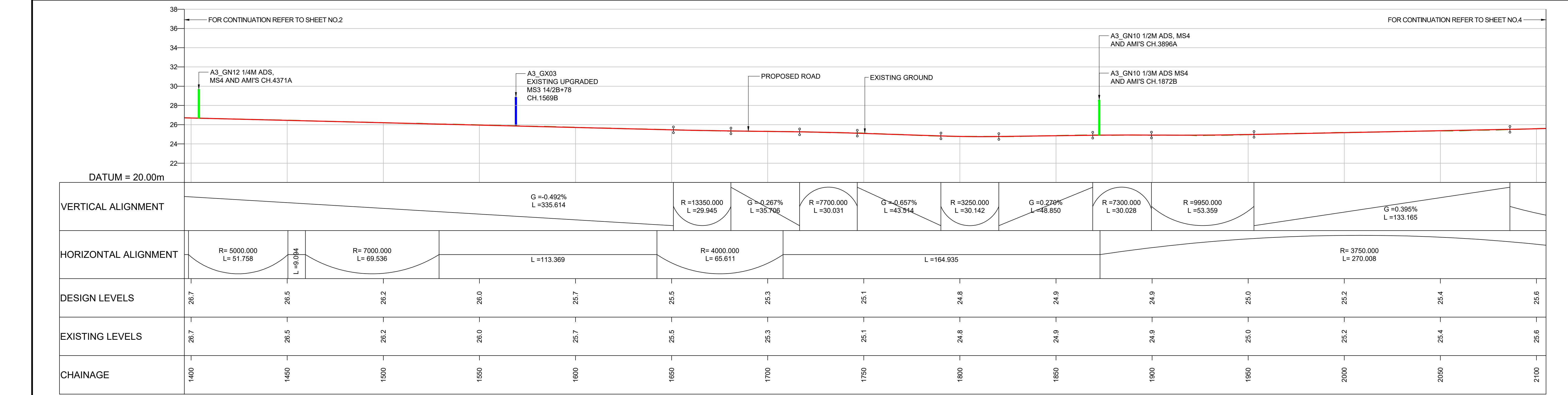
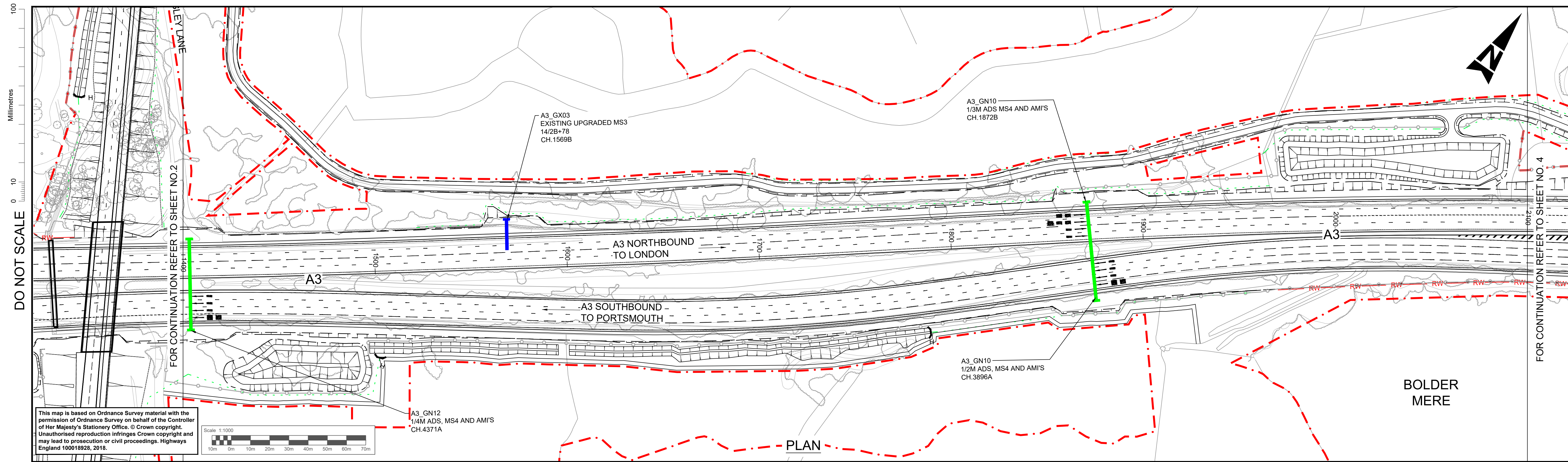
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SHEET 2 OF 15

Drawing Number: TR010030/APP/2.9

Rev: 0

HE PIN: HE551522 Scale: 1:1000 Original Size: A1



NOTES

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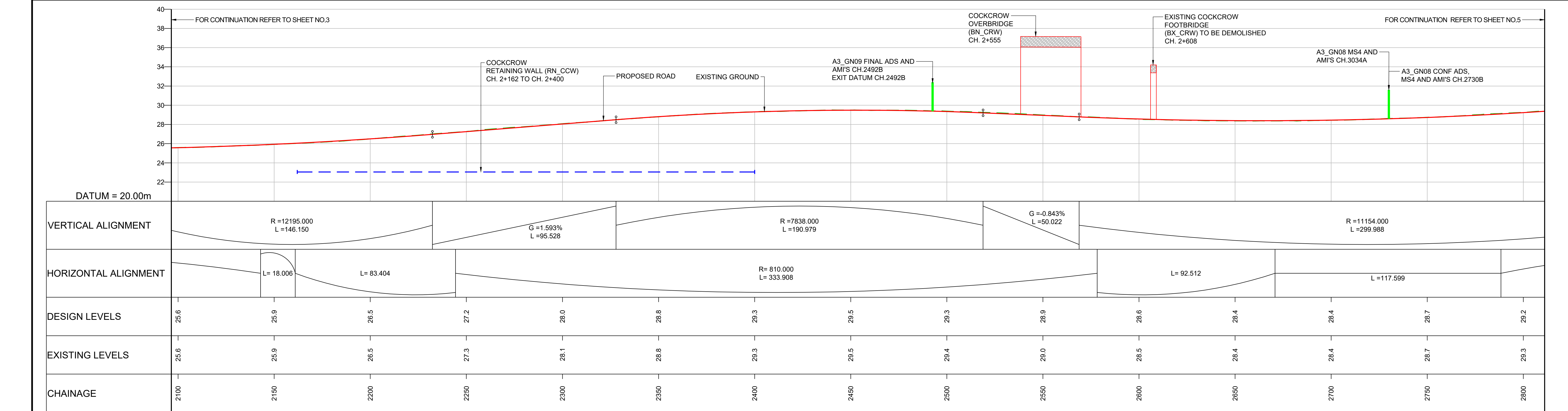
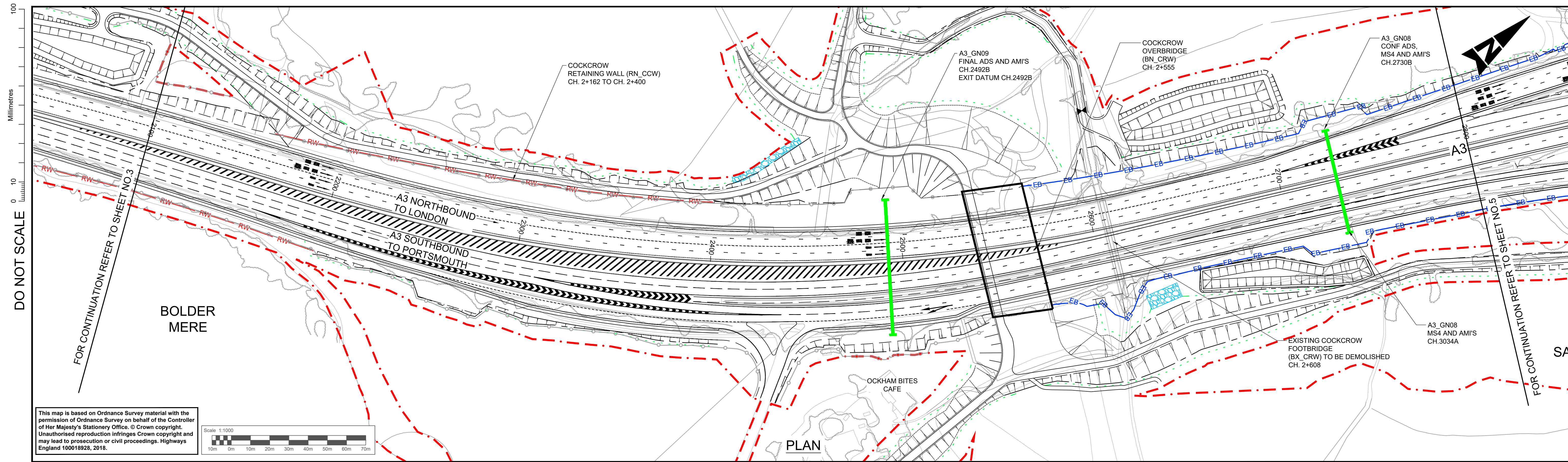
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	EXISTING GROUND		GANTRY TO BE UPGRADED
	EXISTING RETAINING WALL		
	PROPOSED RETAINING WALL		
	PROPOSED GROUND		
	OVERHEAD POWER LINE		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						

Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 3 OF 15	
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		Rev.	0	HE PIN: HE551522	Scale: 1:1000
Description DCO APPLICATION Status: A4, Revision: 0, Drawn: DD, Checked: NK, Reviewed: LH, Authorised: VA, Issue Date: 05/06/19		Original Size:	A1		



LONGITUDINAL SECTION - A3 MAINLINE NORTHBOUND
 SCALE = H - 1:1000
 V - 1:200

- NOTES**
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KEY (FOR LONGITUDINAL SECTION ONLY)

- PROPOSED ROAD
- EXISTING GROUND
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE
- NEW GANTRY
- GANTRY TO BE UPGRADED

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction CONSTRUCTION OF STRUCTURE OVER LIVE CARRIAGEWAY	A4	0	DD	NK	LH	VA	05/06/19
Maintenance / Cleaning NONE	A1	1	SA	LH	RM	ADK	28/01/20
Decommissioning / Demolition NONE							

Drawing Suitability: APPROVED - PUBLISHED | Status: A1 | Project Title: M25 junction 10/A3 Wisley interchange

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 Tel: +44 (0)1372 726140, Fax: +44 (0)1372 740055, www.atkinsglobal.com

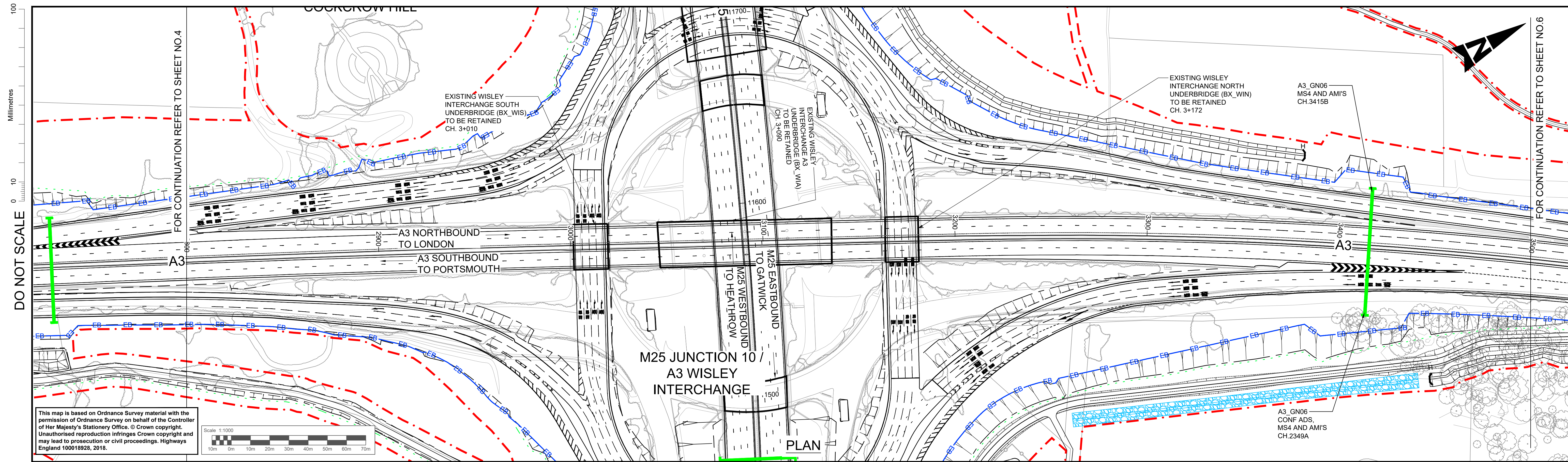
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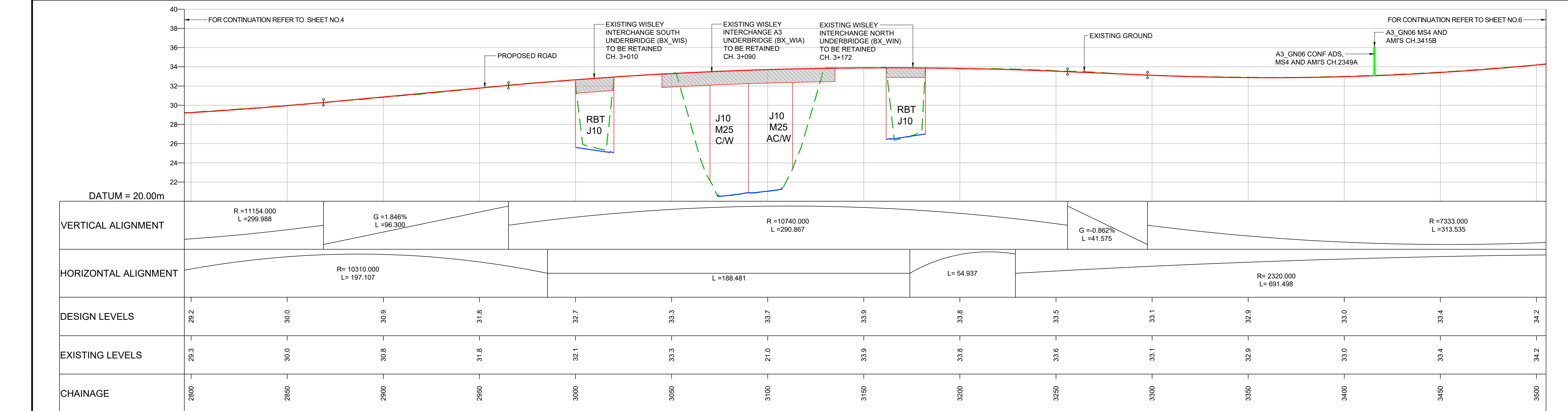
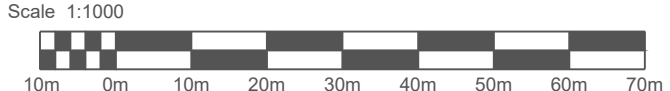
Drawing Title: PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2)
 SHEET 4 OF 15

Drawing Number: TR010030/APP/2.9 | Rev: 1

HE PIN: HE551522 | Scale: 1:1000 | Original Size: A1



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LONGITUDINAL SECTION - A3 MAINLINE NORTHBOUND
SCALE = H - 1:1000
V - 1:200

- NOTES**
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KEY (FOR LONGITUDINAL SECTION ONLY)

	PROPOSED ROAD		NEW GANTRY
	EXISTING GROUND		GANTRY TO BE UPGRADED
	EXISTING RETAINING WALL		
	PROPOSED RETAINING WALL		
	PROPOSED GROUND		
	OVERHEAD POWER LINE		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
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Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A4	0	DD	NK	LH	VA	05/06/19

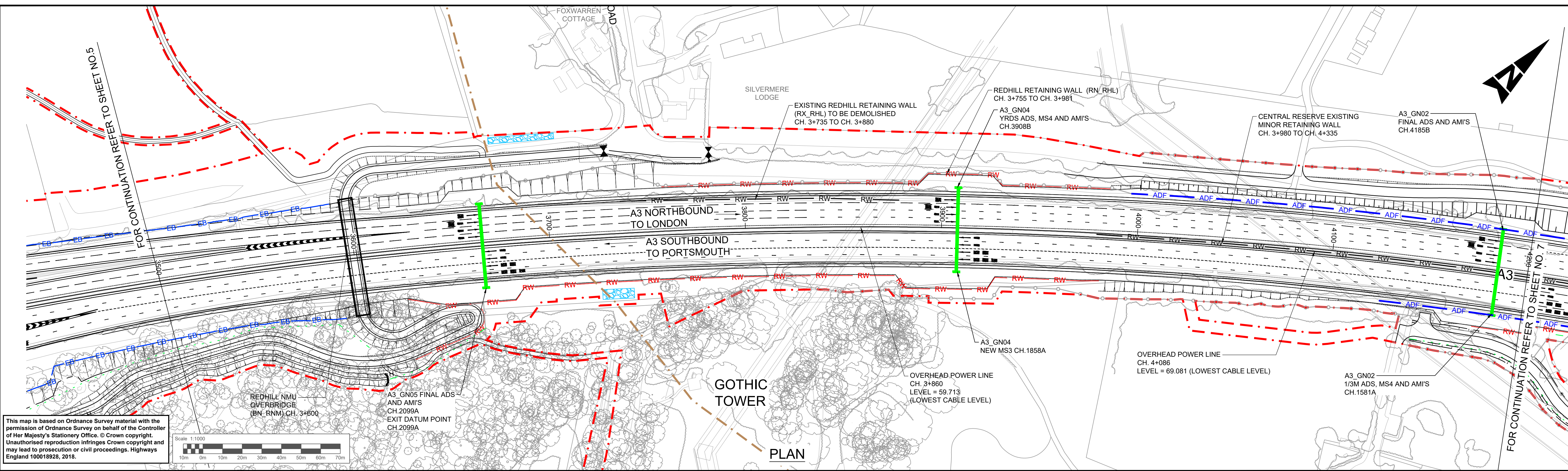
Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 5 OF 15	
Copyright © Atkins Limited (2018)		Client 		Drawing Number TR010030/APP/2.9	
				Rev. 0	
				HE PIN: HE551522 Scale: 1:1000 Original Size: A1	

DO NOT SCALE

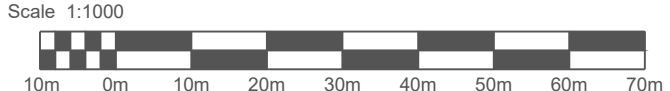
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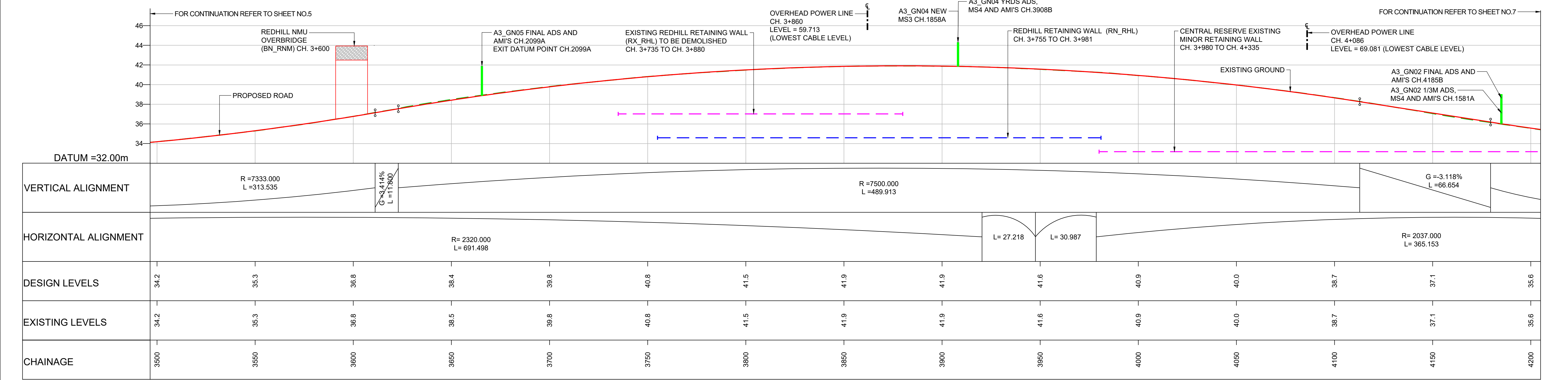
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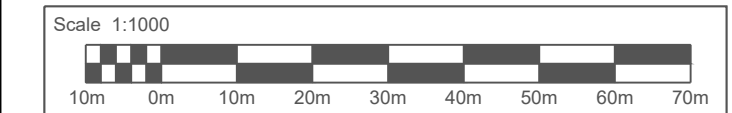


PLAN



LONGITUDINAL SECTION - A3 MAINLINE NORTHBOUND

SCALE = H - 1:1000
V - 1:200



- NOTES**
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KEY (FOR LONGITUDINAL SECTION ONLY)

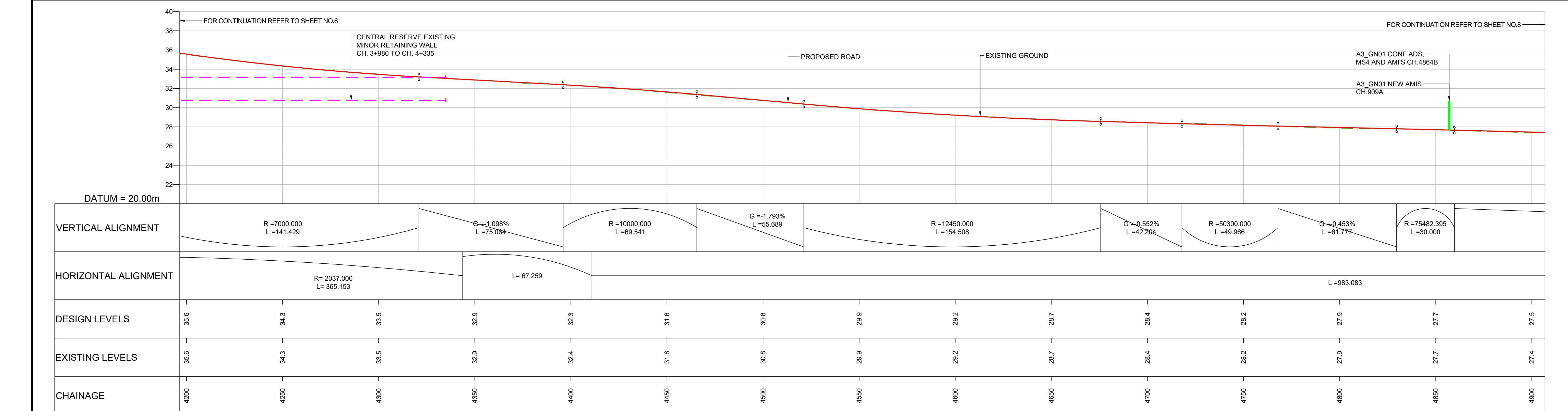
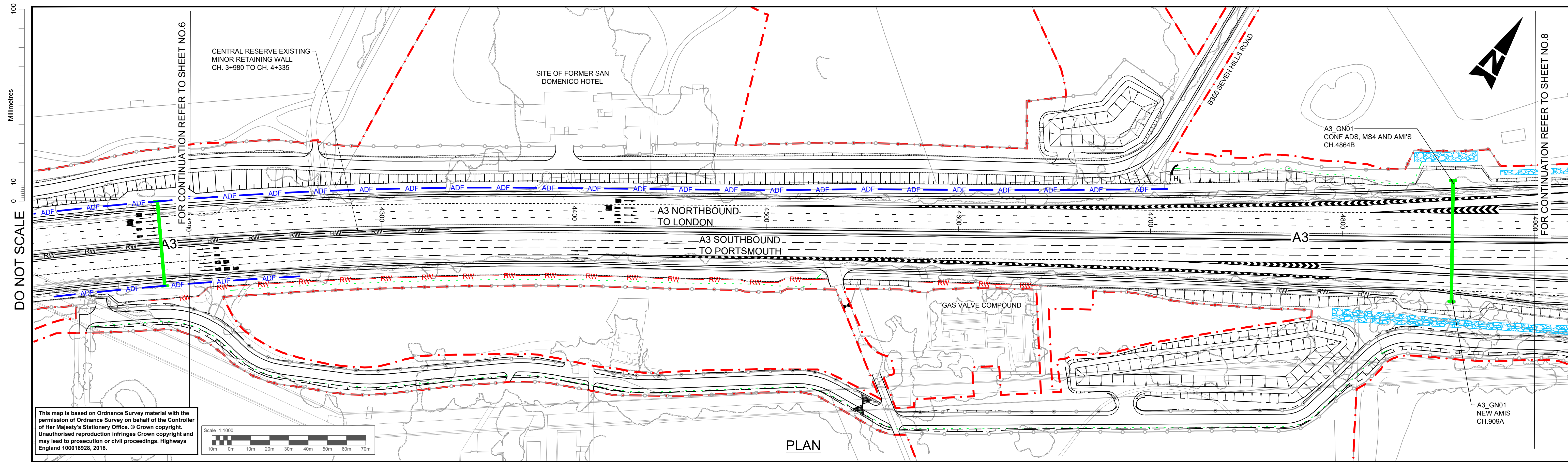
	PROPOSED ROAD		NEW GANTRY
	EXISTING GROUND		GANTRY TO BE UPGRADED
	EXISTING RETAINING WALL		
	PROPOSED RETAINING WALL		
	PROPOSED GROUND		
	OVERHEAD POWER LINE		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction CONSTRUCTION OF STRUCTURE OVER LIVE CARRIAGEWAY							
Maintenance / Cleaning NONE							
Use NONE							
Decommissioning / Demolition NONE							

Drawing Suitability DCO APPLICATION	Status A4	Project Title M25 junction 10/A3 Wisley interchange
<p>Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com</p>		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2)
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Client 	Drawing Number TR010030/APP/2.9	Rev. 0
HE PIN: HE551522	Scale: 1:1000	Original Size: A1



NOTES

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KEY (FOR LONGITUDINAL SECTION ONLY)

	PROPOSED ROAD		NEW GANTRY
	EXISTING GROUND		GANTRY TO BE UPGRADED
	EXISTING RETAINING WALL		OVERHEAD POWER LINE
	PROPOSED RETAINING WALL		
	PROPOSED GROUND		

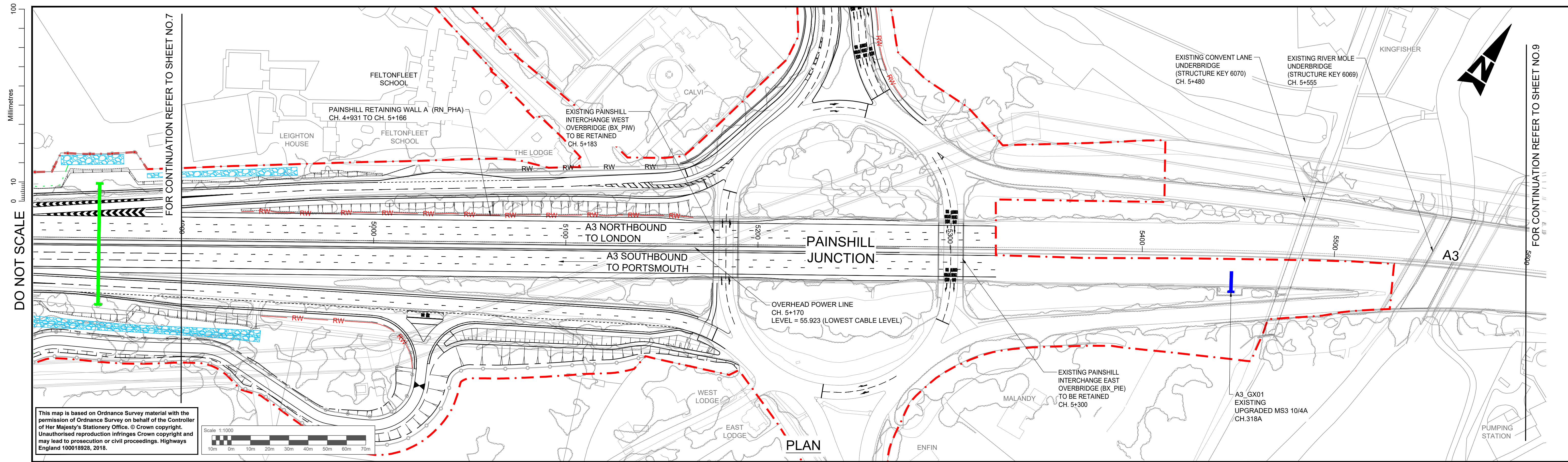
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

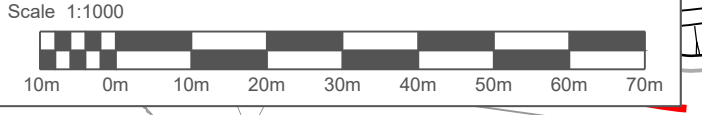
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	DD	NK	LH	VA	05/06/19

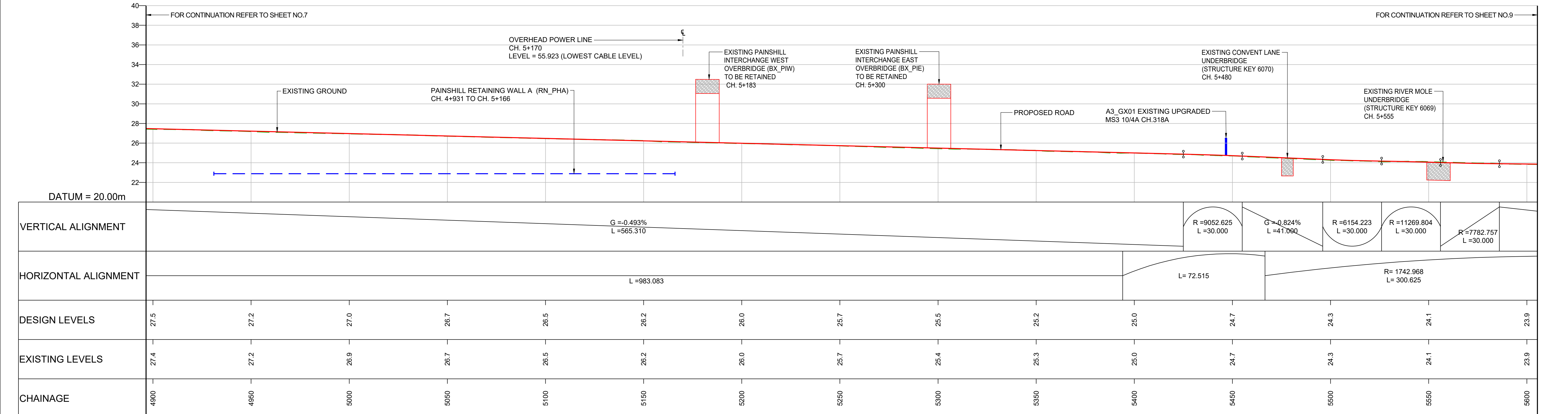
Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 7 OF 15	
Copyright © Atkins Limited (2018)				Drawing Number TR010030/APP/2.9	
				Rev: 0	
				HE PIN: HE551522 Scale: 1:1000 Original Size: A1	



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PLAN



LONGITUDINAL SECTION - A3 MAINLINE NORTHBOUND

SCALE = H - 1:1000
V - 1:200

- NOTES**
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KEY (FOR LONGITUDINAL SECTION ONLY)

	PROPOSED ROAD		NEW GANTRY
	EXISTING GROUND		GANTRY TO BE UPGRADED
	EXISTING RETAINING WALL		
	PROPOSED RETAINING WALL		
	PROPOSED GROUND		
	OVERHEAD POWER LINE		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

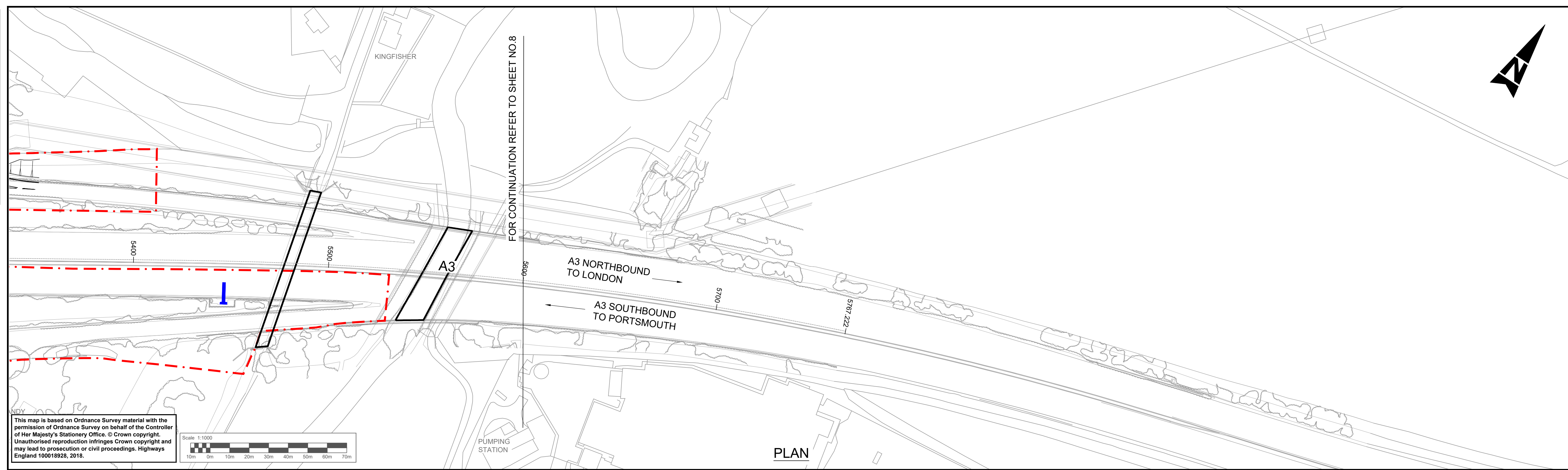
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						

Drawing Suitability	APPROVED - PUBLISHED	Status	A1
Client			
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Client			

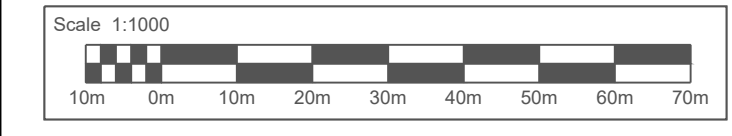
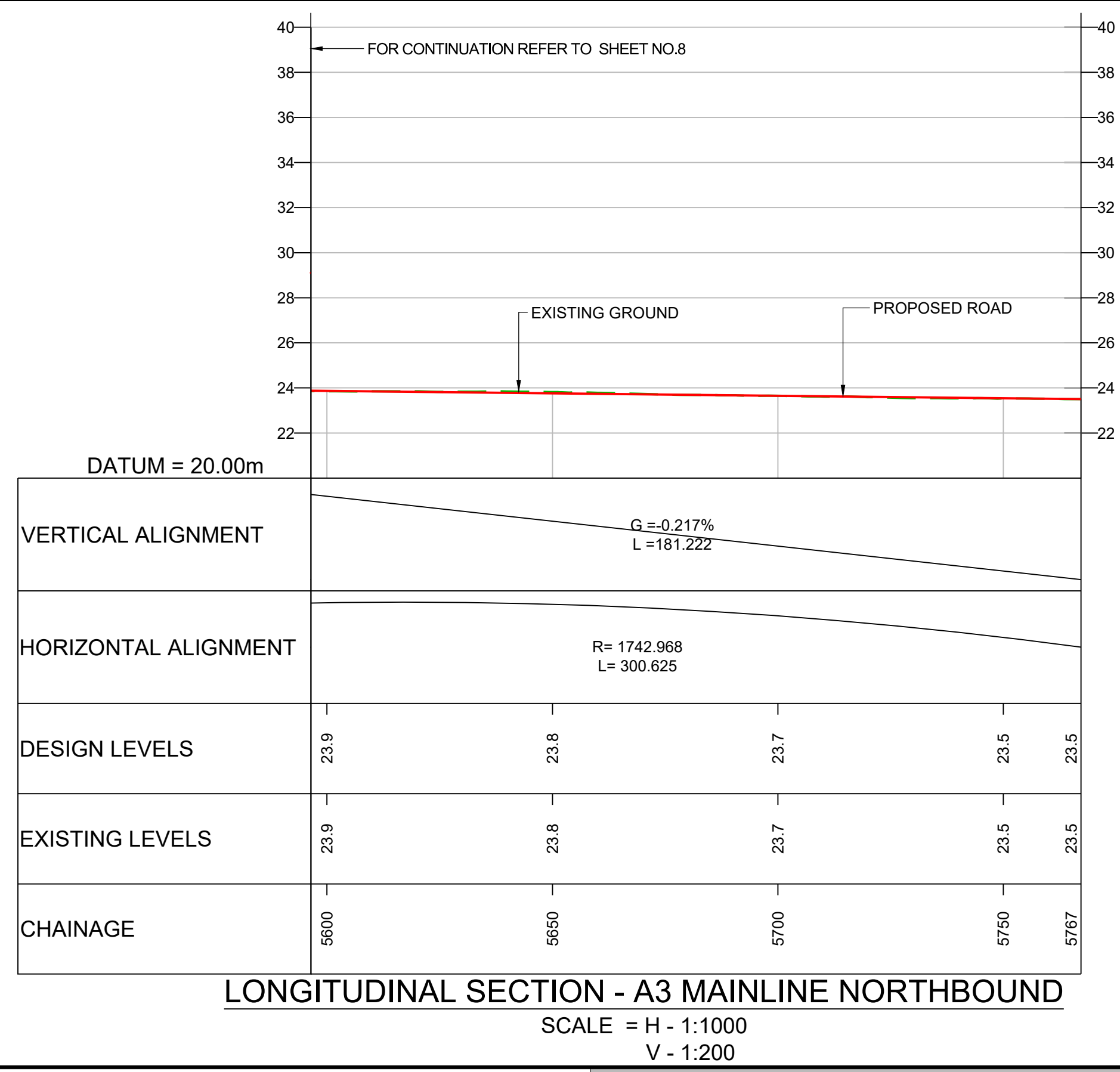
Project Title	M25 junction 10/A3 Wisley interchange		
Drawing Title	PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2)		
	SHEET 8 OF 15		
Drawing Number	TR010030/APP/2.9	Rev.	1
HE PIN:	HE551522	Scale:	1:1000
Original Size:	A1		

DO NOT SCALE

Millimetres
0 10 100



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KEY (FOR LONGITUDINAL SECTION ONLY)

—	PROPOSED ROAD	—	EXISTING GROUND	—	EXISTING RETAINING WALL	—	PROPOSED RETAINING WALL	—	PROPOSED GROUND	—	OVERHEAD POWER LINE
—	EXISTING GROUND	—	EXISTING RETAINING WALL	—	PROPOSED RETAINING WALL	—	PROPOSED GROUND	—	OVERHEAD POWER LINE	—	OVERHEAD POWER LINE
—	EXISTING GROUND	—	EXISTING RETAINING WALL	—	PROPOSED RETAINING WALL	—	PROPOSED GROUND	—	OVERHEAD POWER LINE	—	OVERHEAD POWER LINE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Description	In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

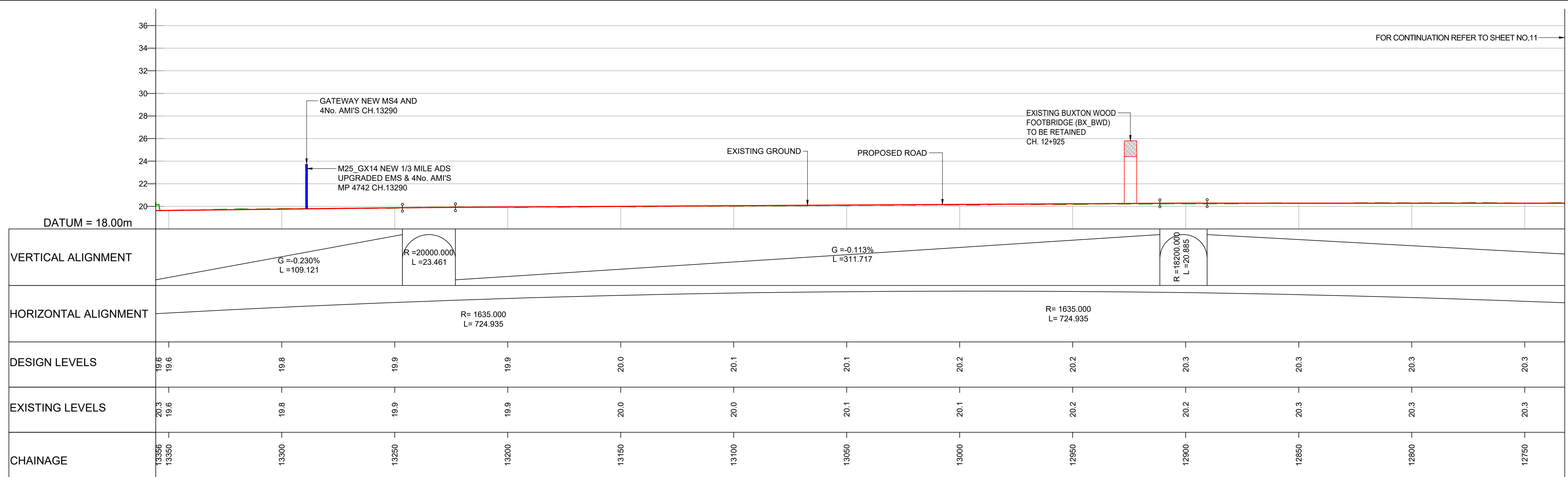
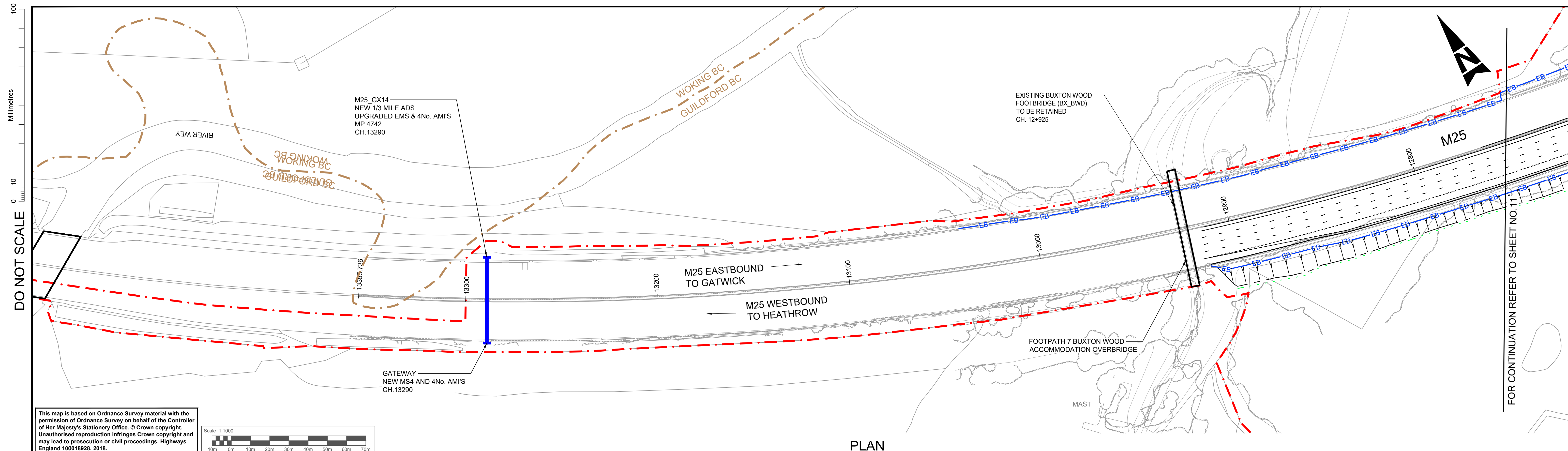
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	DD	NK	LH	VA	05/06/19

DCO APPLICATION

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Project Title	M25 junction 10/A3 Wisley interchange
Drawing Title	PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2)
Sheet	SHEET 9 OF 15
Drawing Number	TR010030/APP/2.9
Rev.	0
HE PIN:	HE551522
Scale:	1:1000
Original Size:	A1



- NOTES**
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KEY (FOR LONGITUDINAL SECTION ONLY)

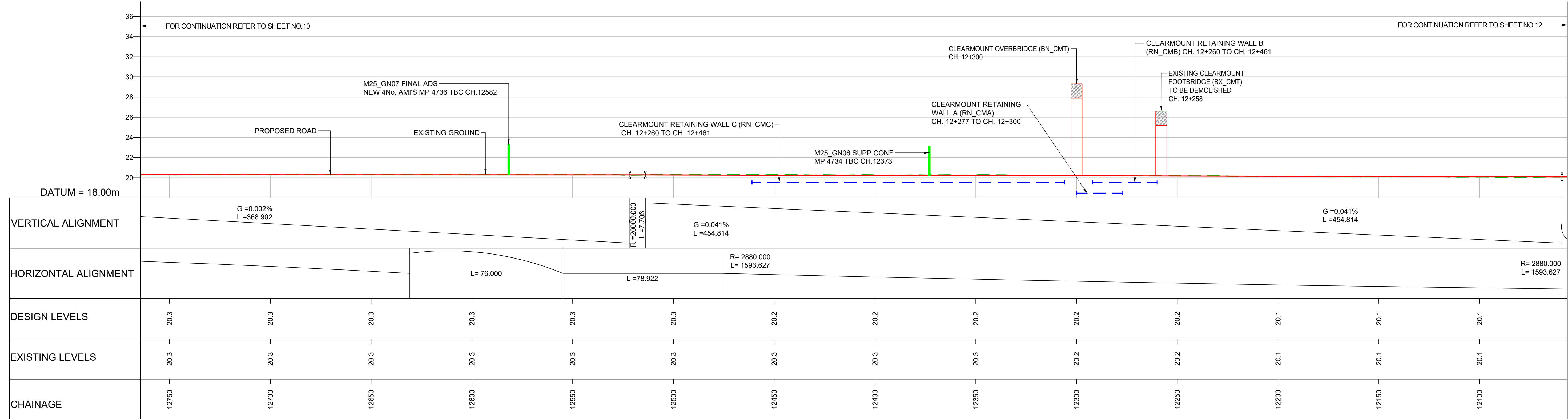
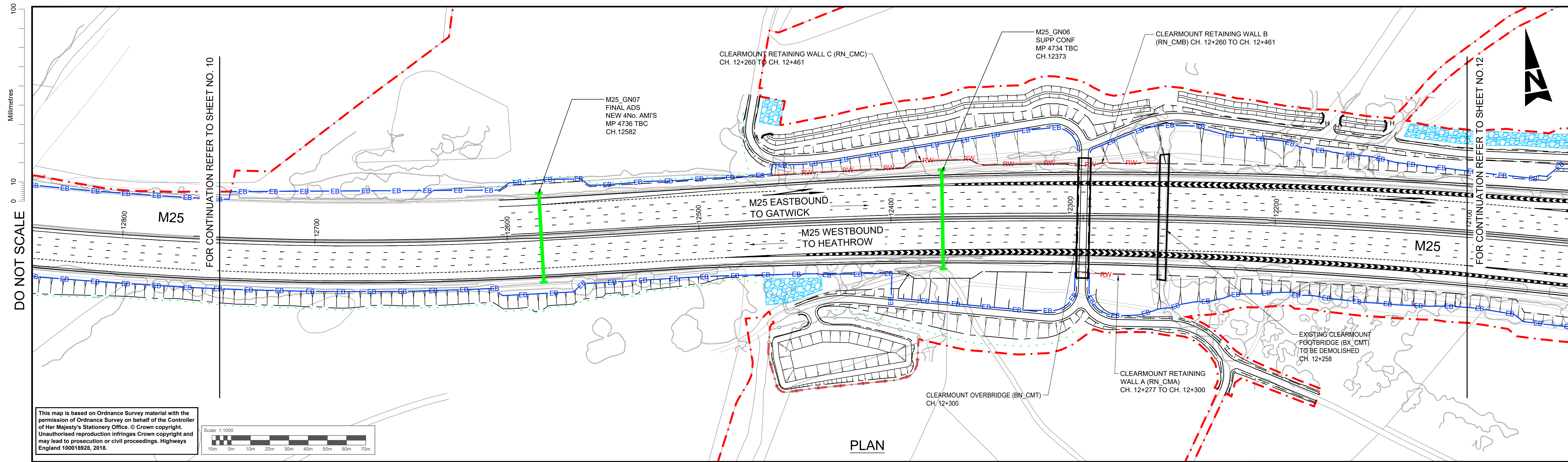
	PROPOSED ROAD		EXISTING GROUND		NEW GANTRY
	EXISTING RETAINING WALL		PROPOSED RETAINING WALL		GANTRY TO BE UPGRADED
	PROPOSED GROUND		OVERHEAD POWER LINE		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						

Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 10 OF 15	
Copyright © Atkins Limited (2018)		Client 		Drawing Number TR010030/APP/2.9	
Description DCO APPLICATION		Status A4		Revision 0	
Drawn DD		Checked NK		Reviewed LH	
Authorised VA		Issue Date 05/06/19		Original Size A1	



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KEY (FOR LONGITUDINAL SECTION ONLY)

- PROPOSED ROAD
- EXISTING GROUND
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE
- NEW GANTRY
- GANTRY TO BE UPGRADED

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	DD	NK	LH	VA	05/06/19

Drawing Suitability: DCO APPLICATION
Status: A4
Project Title: M25 junction 10/A3 Wisley interchange

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KT18 5AL
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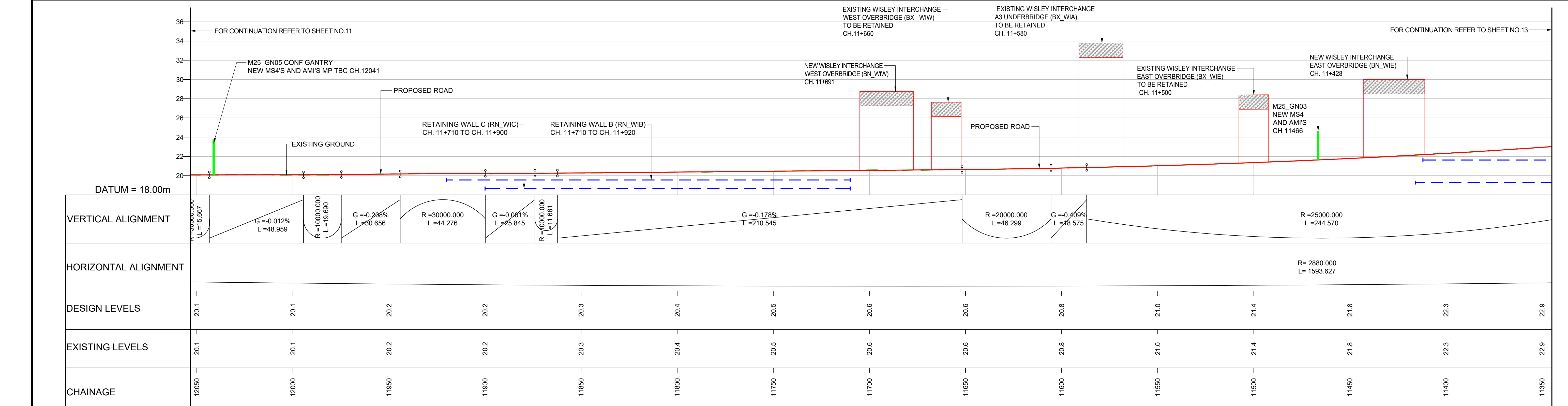
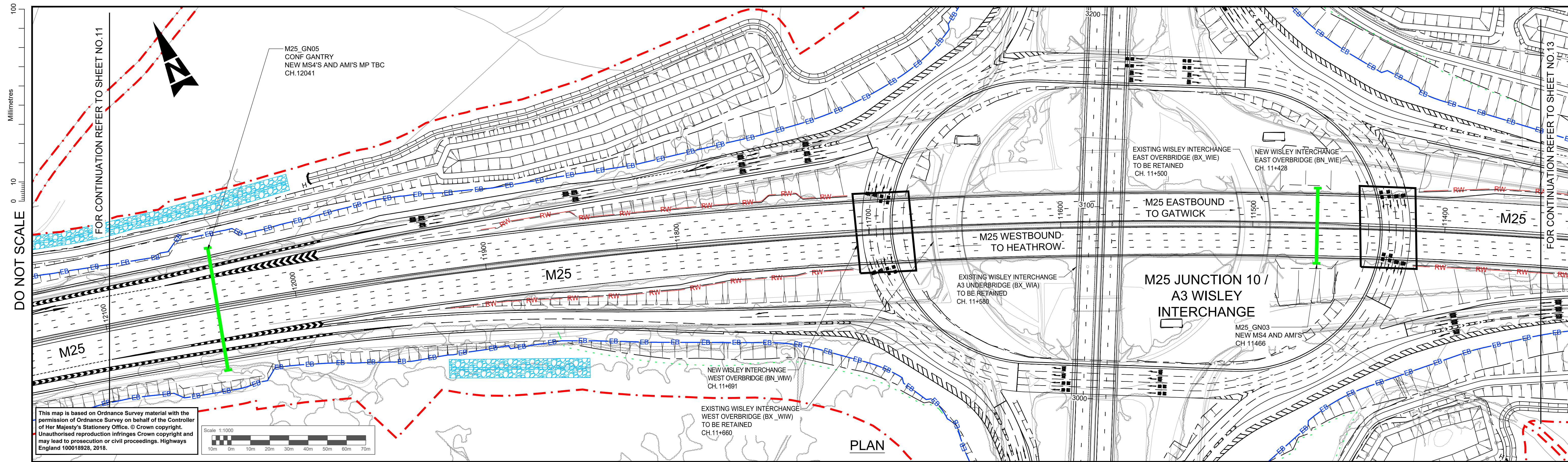
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Client: Working on behalf of **highways england**

Drawing Title: PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2)
SHEET 11 OF 15

Drawing Number: TR010030/APP/2.9
Rev: 0

HE PIN: HE551522
Scale: 1:1000
Original Size: A1



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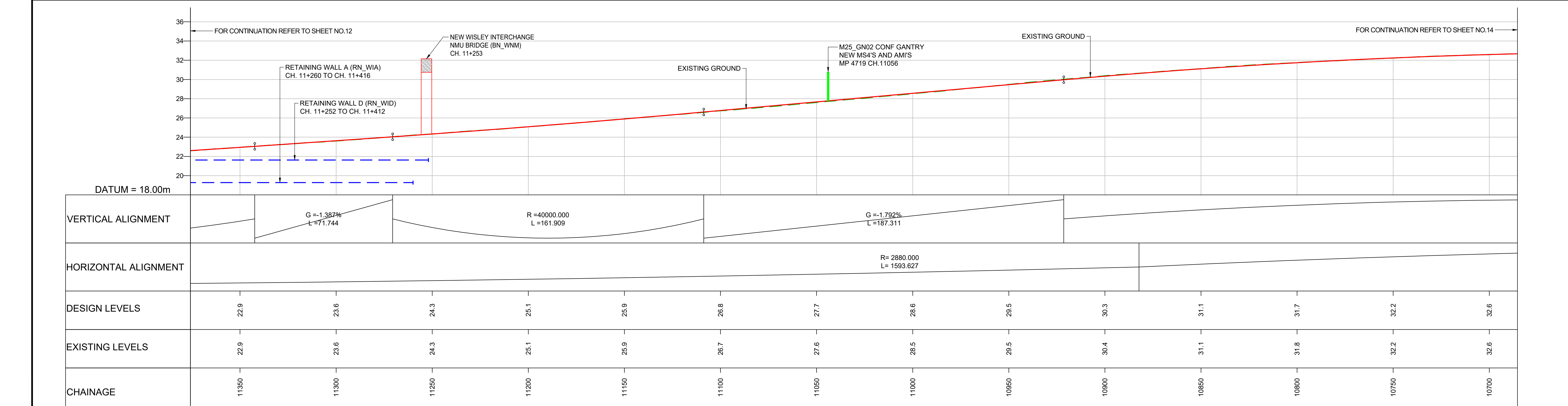
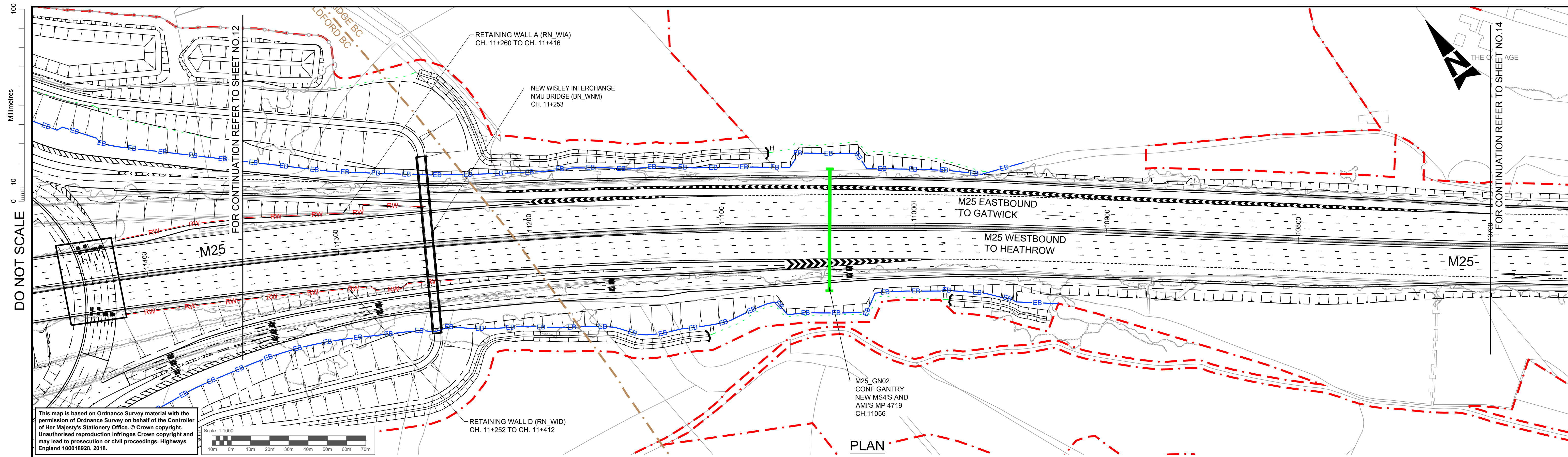
KEY (FOR LONGITUDINAL SECTION ONLY)

	PROPOSED ROAD		NEW GANTRY
	EXISTING GROUND		GANTRY TO BE UPGRADED
	EXISTING RETAINING WALL		
	PROPOSED RETAINING WALL		
	PROPOSED GROUND		
	OVERHEAD POWER LINE		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).							
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						

Drawing Suitability	APPROVED - PUBLISHED	Status	A1	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 12 OF 15	
Copyright © Atkins Limited (2018)		Client	Working on behalf of	Drawing Number	TR010030/APP/2.9
				Rev.	1
		HE PIN: HE551522	Scale: 1:1000	Original Size: A1	



LONGITUDINAL SECTION - M25 MAINLINE
SCALE = H - 1:1000
V - 1:200

- NOTES**
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - ONLY THE KEY FOR THE LONGITUDINAL SECTION IS SHOWN ON THIS DRAWING. REFER TO THE SCHEME LAYOUT DRAWING NO. HE551522-ATK-LDC-XX-KP-DR-ZL-020902 FOR DETAILS OF THE KEY ASSOCIATED WITH THE PLAN.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER (DCO). THE PROPOSED SCHEME WILL BE SUBJECT TO THE DEVELOPMENT OF A DETAILED DESIGN WITHIN THE LIMITS OF DEVIATION, AS SHOWN ON THE WORKS PLANS.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE DEVELOPMENT CONSENT ORDER (DCO) BOUNDARY & VERTICALLY +1m TO -3m.
 - ALL DETAILS SHOWN ON THE LONGITUDINAL PROFILE REFERRING TO THE RETAINING WALLS, BRIDGE DECKS, GANTRIES AND CULVERTS ARE INDICATIVE ONLY.

KEY (FOR LONGITUDINAL SECTION ONLY)

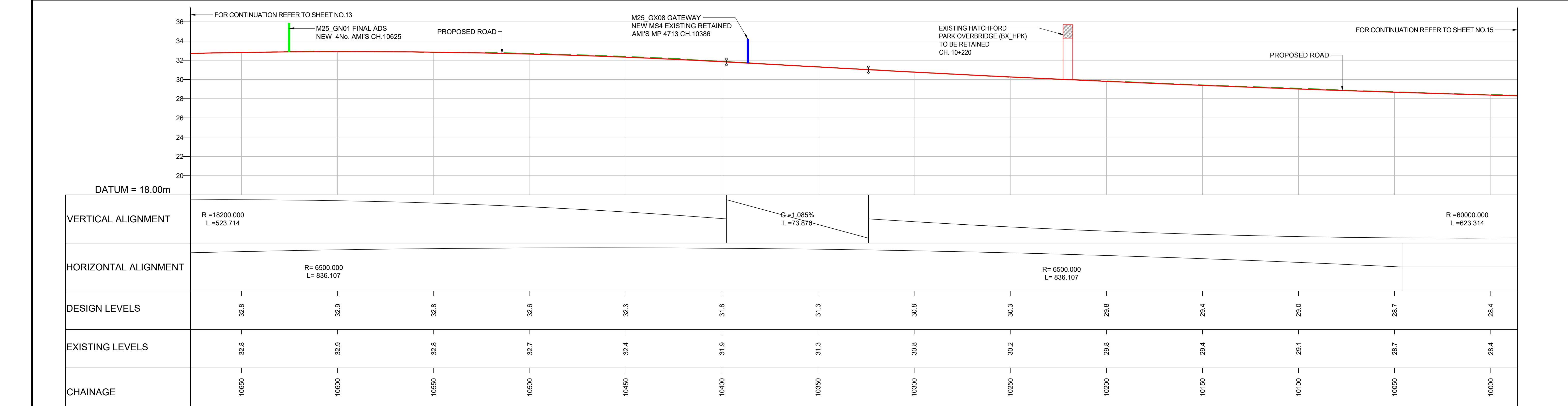
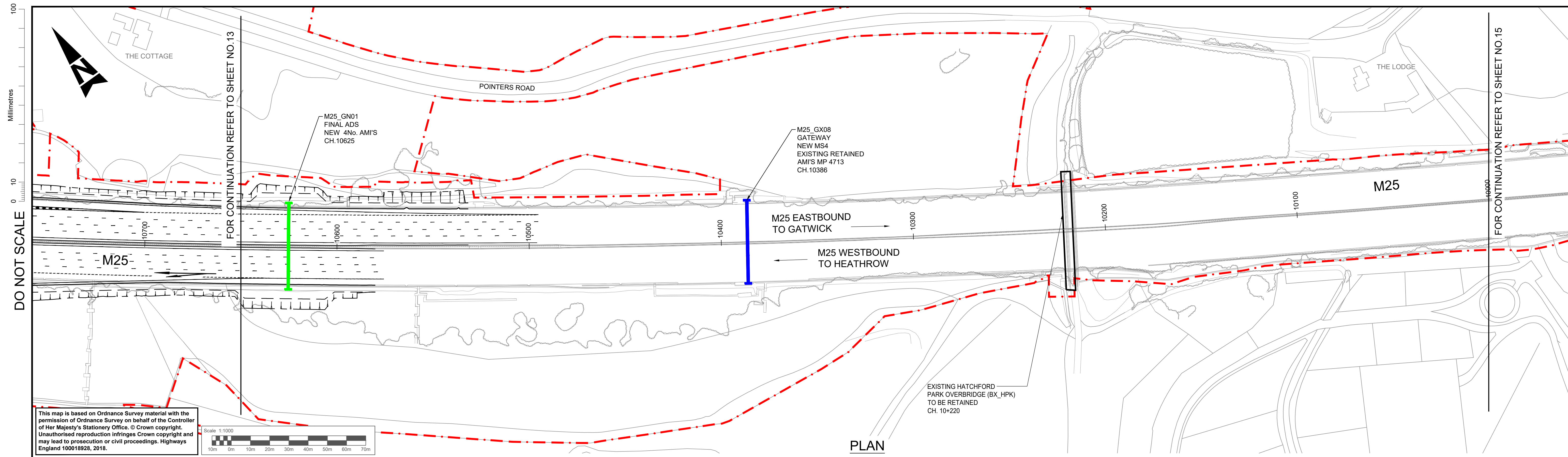
- PROPOSED ROAD
- EXISTING GROUND
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE
- NEW GANTRY
- GANTRY TO BE UPGRADED

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						

Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 13 OF 15	
Copyright © Atkins Limited (2018)		Client 		Drawing Number TR010030/APP/2.9 Rev. 0	
Description DCO APPLICATION		Status A4		Issue Date 05/06/19	
Description DCO APPLICATION		Status A4		Issue Date 05/06/19	



- NOTES**
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - ONLY THE KEY FOR THE LONGITUDINAL SECTION IS SHOWN ON THIS DRAWING. REFER TO THE SCHEME LAYOUT DRAWING NO. HE551522-ATK-LDC-XX-KP-DR-ZL-020902 FOR DETAILS OF THE KEY ASSOCIATED WITH THE PLAN.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER (DCO). THE PROPOSED SCHEME WILL BE SUBJECT TO THE DEVELOPMENT OF A DETAILED DESIGN WITHIN THE LIMITS OF DEVIATION, AS SHOWN ON THE WORKS PLANS.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE DEVELOPMENT CONSENT ORDER (DCO) BOUNDARY & VERTICALLY +1m TO -3m.
 - ALL DETAILS SHOWN ON THE LONGITUDINAL PROFILE REFERRING TO THE RETAINING WALLS, BRIDGE DECKS, GANTRIES AND CULVERTS ARE INDICATIVE ONLY.

KEY (FOR LONGITUDINAL SECTION ONLY)

- PROPOSED ROAD
- EXISTING GROUND
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE
- NEW GANTRY
- GANTRY TO BE UPGRADED

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

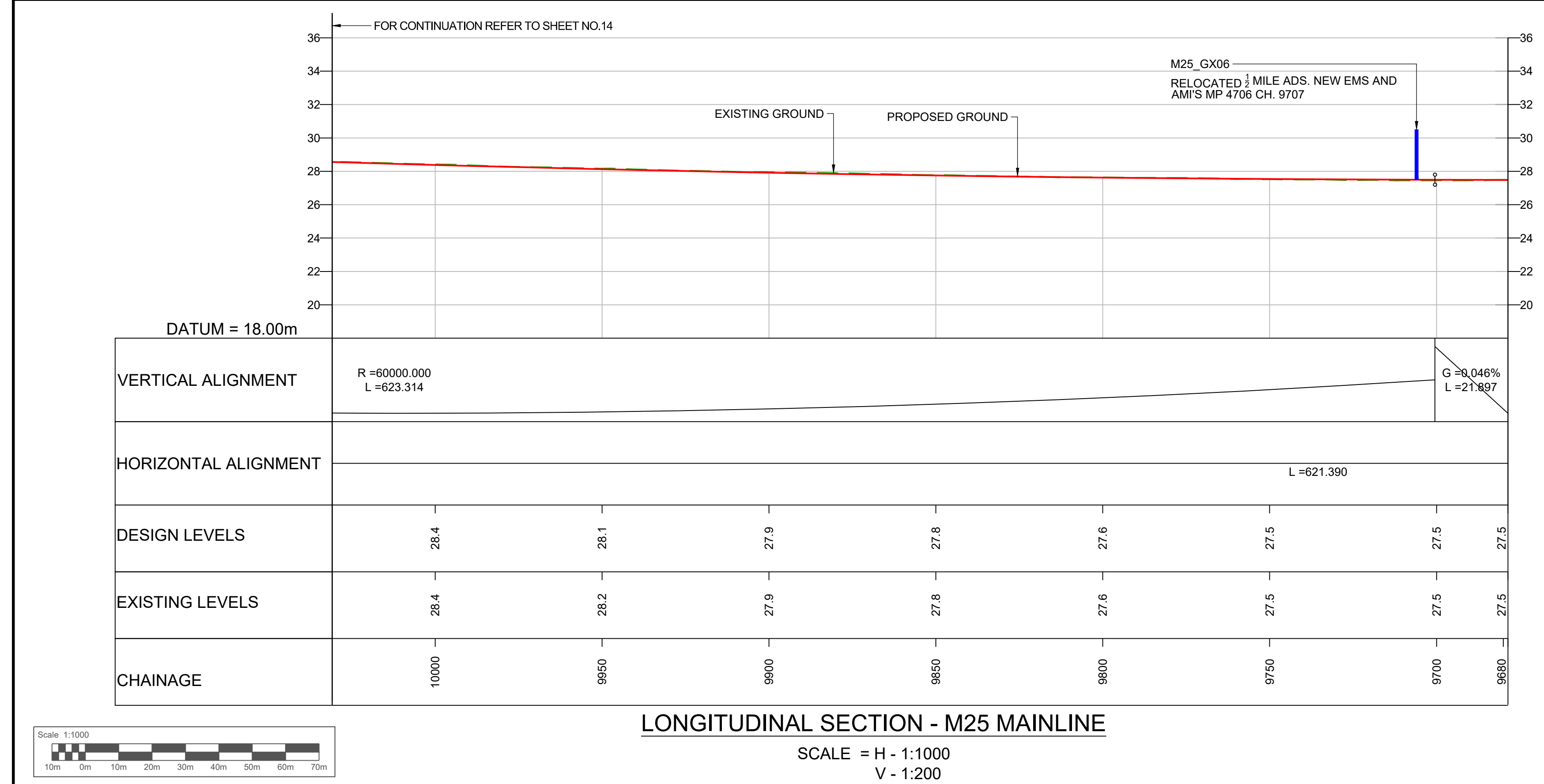
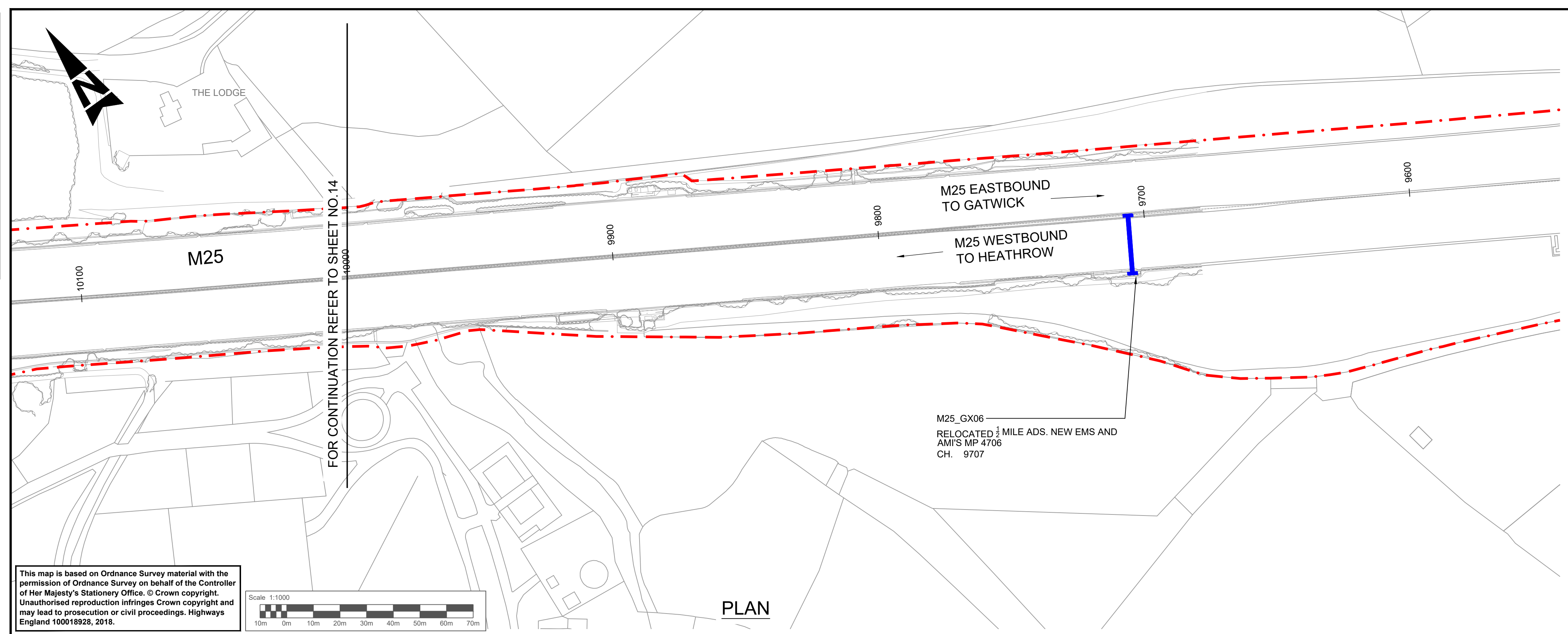
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						

Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 14 OF 15	
Client	Working on behalf of	Drawing Number	TR010030/APP/2.9	Rev.	0
		HE PIN: HE551522	Scale: 1:1000	Original Size:	A1

DO NOT SCALE

Millimetres
0 10 100



- NOTES**
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - ONLY THE KEY FOR THE LONGITUDINAL SECTION IS SHOWN ON THIS DRAWING. REFER TO THE SCHEME LAYOUT DRAWING NO. HE551522-ATK-LDC-XX-KP-DR-ZL-020902 FOR DETAILS OF THE KEY ASSOCIATED WITH THE PLAN.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER (DCO). THE PROPOSED SCHEME WILL BE SUBJECT TO THE DEVELOPMENT OF A DETAILED DESIGN WITHIN THE LIMITS OF DEVIATION, AS SHOWN ON THE WORKS PLANS.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE DEVELOPMENT CONSENT ORDER (DCO) BOUNDARY & VERTICALLY +1m TO -3m.
 - ALL DETAILS SHOWN ON THE LONGITUDINAL PROFILE REFERRING TO THE RETAINING WALLS, BRIDGE DECKS, GANTRIES AND CULVERTS ARE INDICATIVE ONLY.

KEY (FOR LONGITUDINAL SECTION ONLY)

- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- | OVERHEAD POWER LINE
- | NEW GANTRY
- | GANTRY TO BE UPGRADED

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	DD	NK	LH	VA	05/06/19

DCO APPLICATION

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highways england

Project Title: M25 junction 10/A3 Wisley interchange

Status: A4

Drawing Title: PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2)

SHEET 15 OF 15

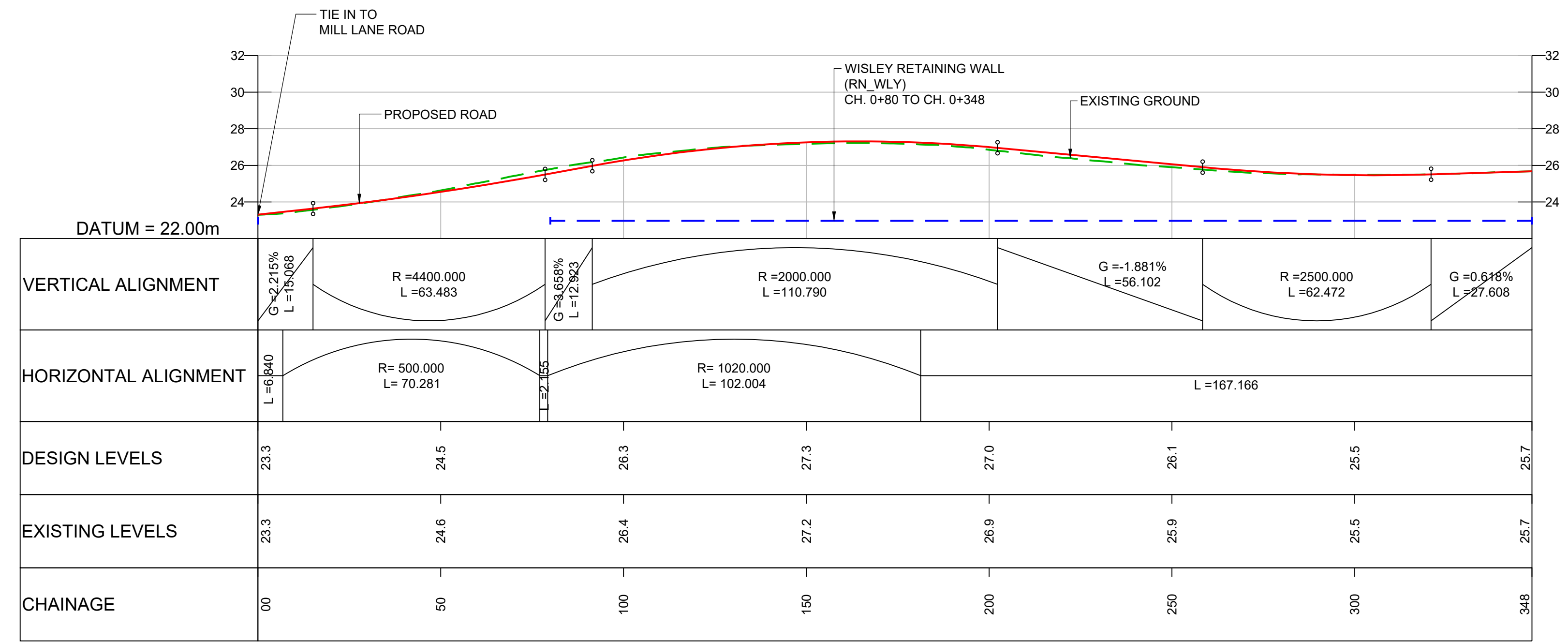
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Rev: 0

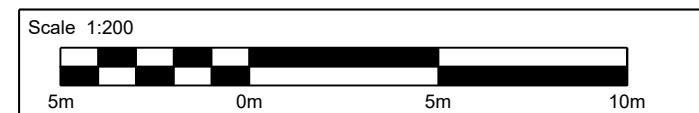
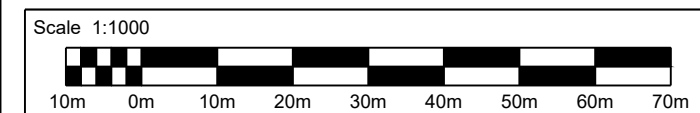
HE PIN: HE551522 | Scale: 1:1000 | Original Size: A1

DO NOT SCALE

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Millimetres



LONGITUDINAL SECTION - OCKHAM PARK JUNCTION TO A3 NORTHBOUND ON-SLIP
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

	PROPOSED ROAD
	EXISTING GROUND
	EXISTING RETAINING WALL
	PROPOSED RETAINING WALL
	PROPOSED GROUND
	OVERHEAD POWER LINE

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A4	0	SA	RM	VA	CT	07/08/19

Drawing Suitability: **DCO APPLICATION** Status: **A4**

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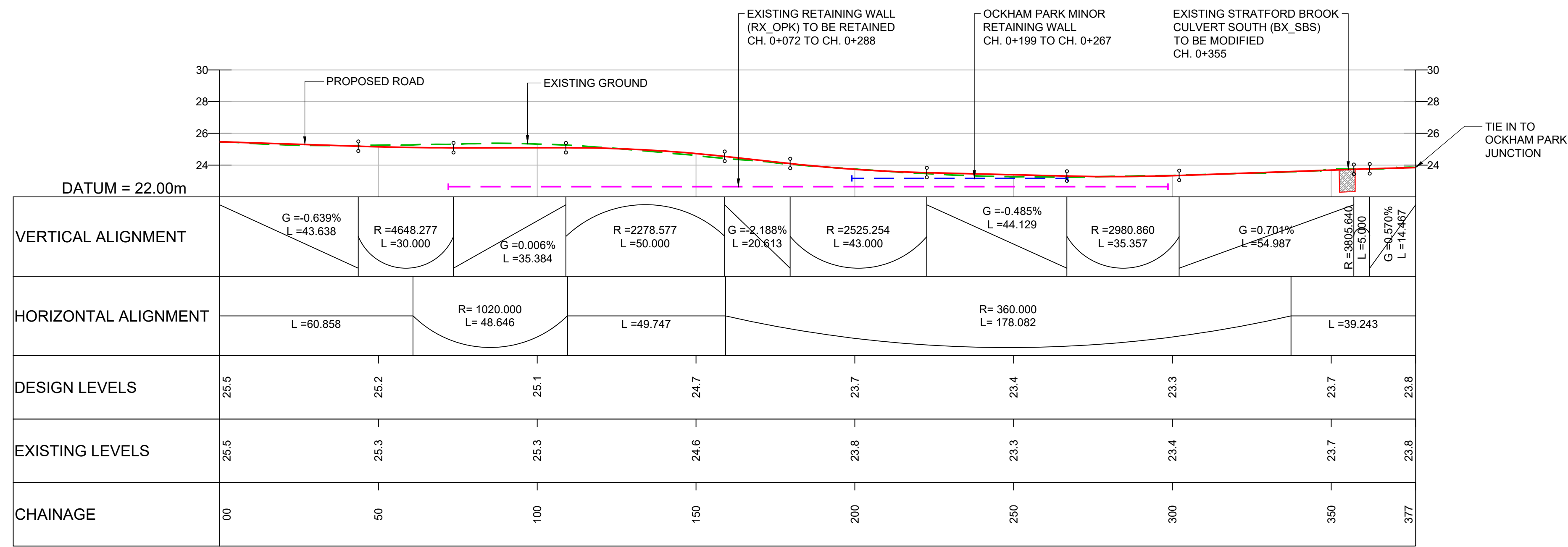
Client: **Working on behalf of highways england**

Project Title: M25 junction 10/A3 Wisley interchange
Drawing Title: LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)
SHEET 1 OF 25
Client: highways england
Drawing Number: TR010030/APP/2.9 Rev: 0
HE PIN: HE551522 Scale: AS SHOWN Original Size: A1

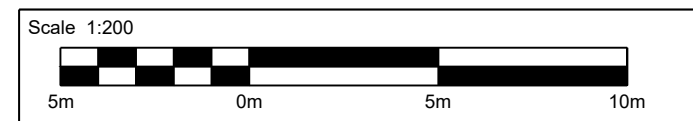
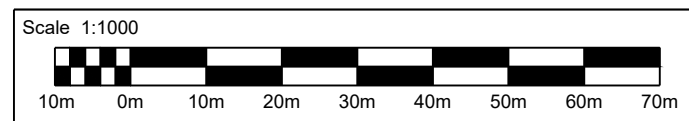
DO NOT SCALE

100
Millimetres

0 10



LONGITUDINAL SECTION - A3 SOUTHBOUND OFF-SLIP TO OCKHAM PARK JUNCTION
SCALE 1:1000 H / 1:200 V



NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
- THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

Drawing Suitability: **DCO APPLICATION** Status: **A4**

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Client: **Working on behalf of highways england**

Project Title: **M25 junction 10/A3 Wisley interchange**

Drawing Title: **LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)**

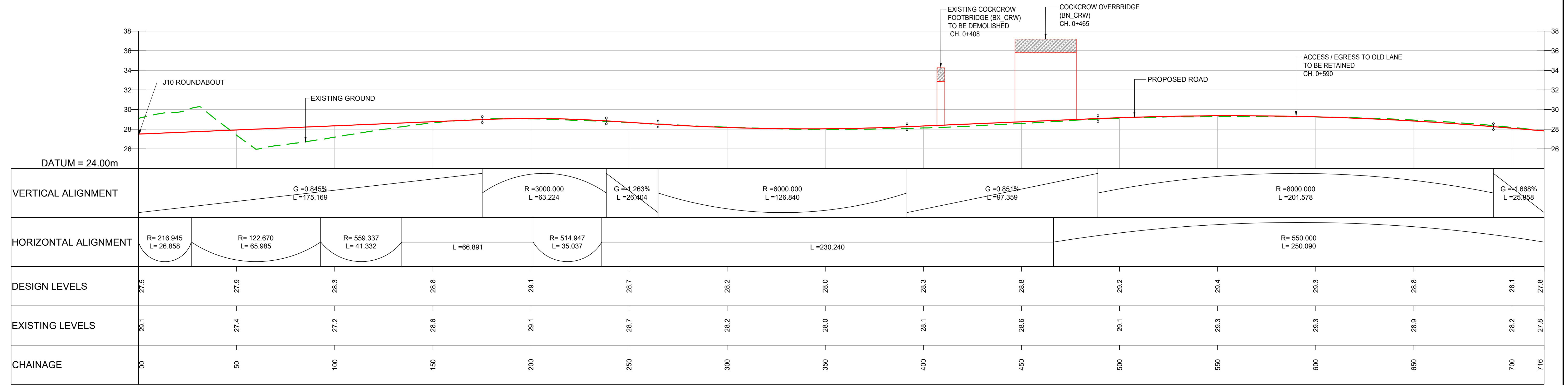
SHEET 2 OF 25

Drawing Number: **TR010030/APP/2.9** Rev: **0**

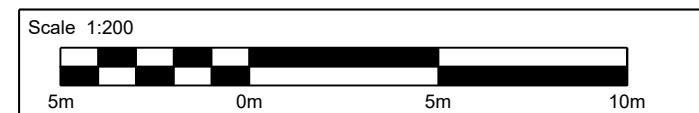
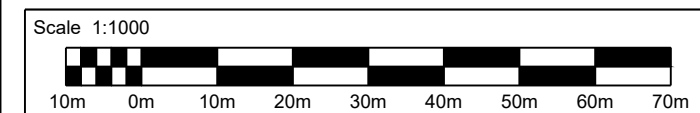
HE PIN: HE551522 Scale: AS SHOWN Original Size: A1

DO NOT SCALE

100
0 10
Millimetres



LONGITUDINAL SECTION - M25 JUNCTION 10 TO REALIGNED A3 SOUTHBOUND ON-SLIP
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

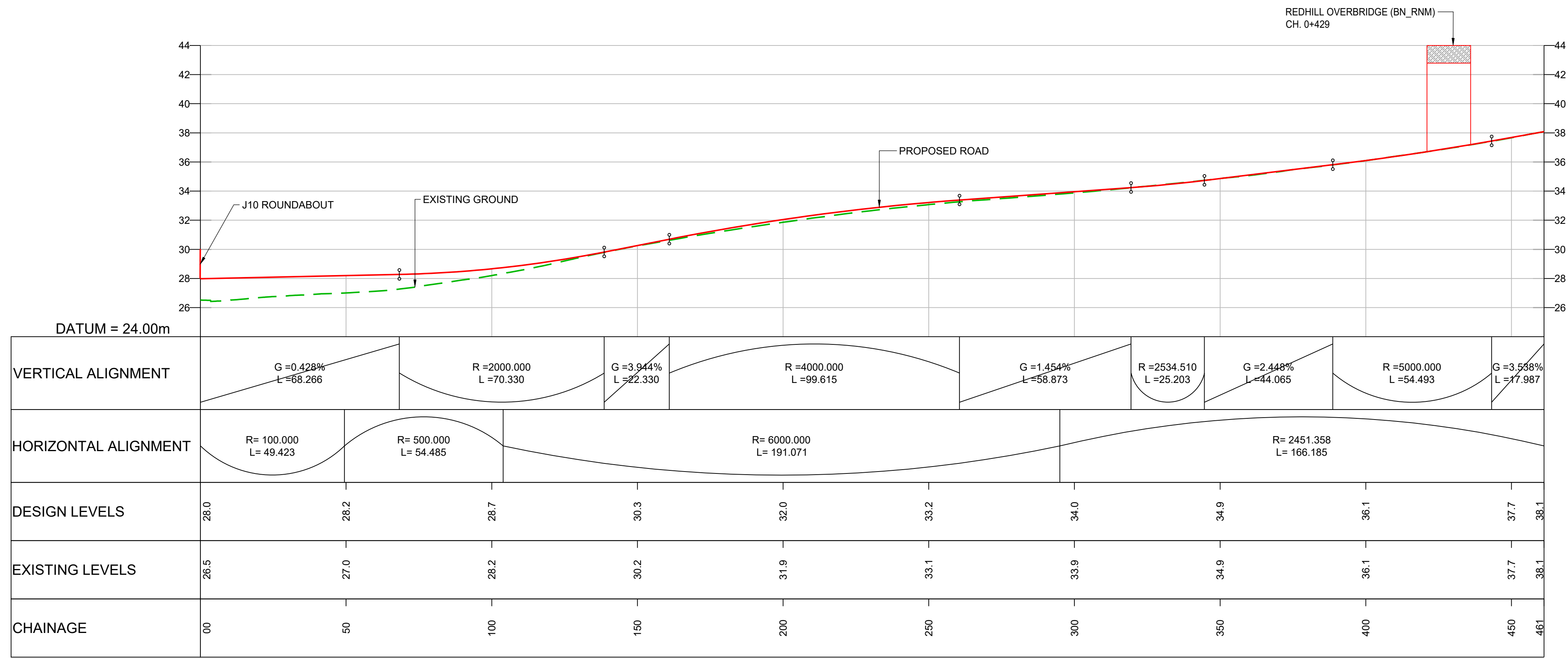
- KEY:**
- PROPOSED ROAD
 - - - EXISTING GROUND
 - - - EXISTING RETAINING WALL
 - - - PROPOSED RETAINING WALL
 - PROPOSED GROUND
 - ⊥ OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19
SUBMITTED FOR DEADLINE 4	A1	1	SA	LH	RM	ADK	28/01/20

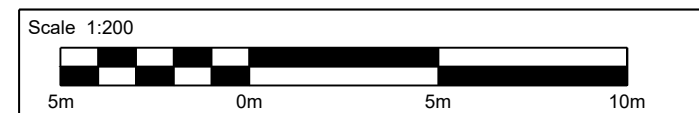
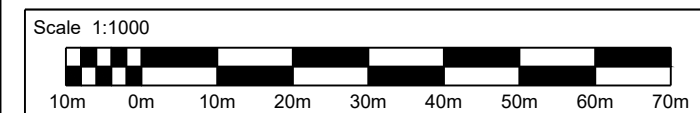
Drawing Suitability	APPROVED - PUBLISHED	Status	A1	Project Title	M25 junction 10/A3 Wisley interchange
				Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com	
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				Rev.	1
		HE PIN: HE551522		Scale: AS SHOWN	Original Size: A1

DO NOT SCALE

100
Millimetres



LONGITUDINAL SECTION - M25 JUNCTION 10 TO REALIGNED A3 NORTHBOUND ON-SLIP
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- ⋮ OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

Drawing Suitability: **DCO APPLICATION** Status: **A4**

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Client: **Working on behalf of highways england**

Project Title: **M25 junction 10/A3 Wisley interchange**

Drawing Title: **LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)**

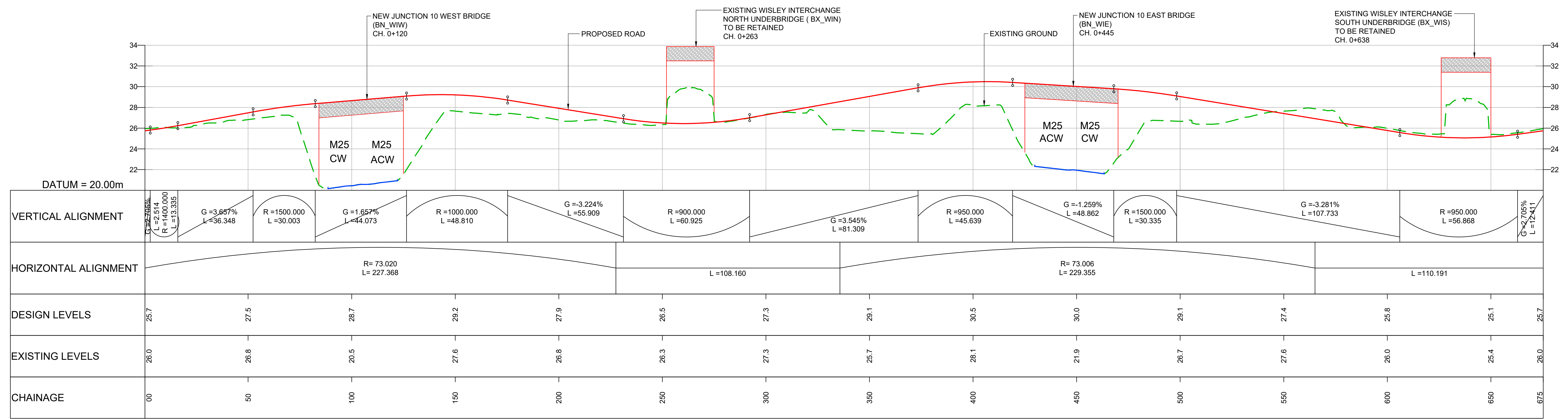
SHEET 5 OF 25

Drawing Number: **TR010030/APP/2.9** Rev: **0**

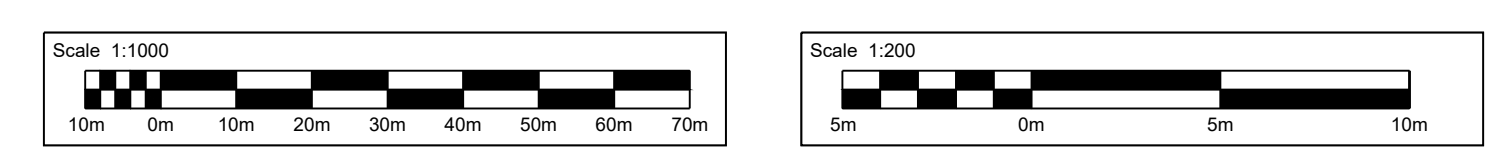
HE PIN: HE551522 Scale: AS SHOWN Original Size: A1

DO NOT SCALE

100
0 10
Millimetres



LONGITUDINAL SECTION - M25 JUNCTION 10 ROUNDABOUT
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

- KEY:**
- PROPOSED ROAD
 - - - EXISTING GROUND
 - - - EXISTING RETAINING WALL
 - - - PROPOSED RETAINING WALL
 - PROPOSED GROUND
 - | OVERHEAD POWER LINE

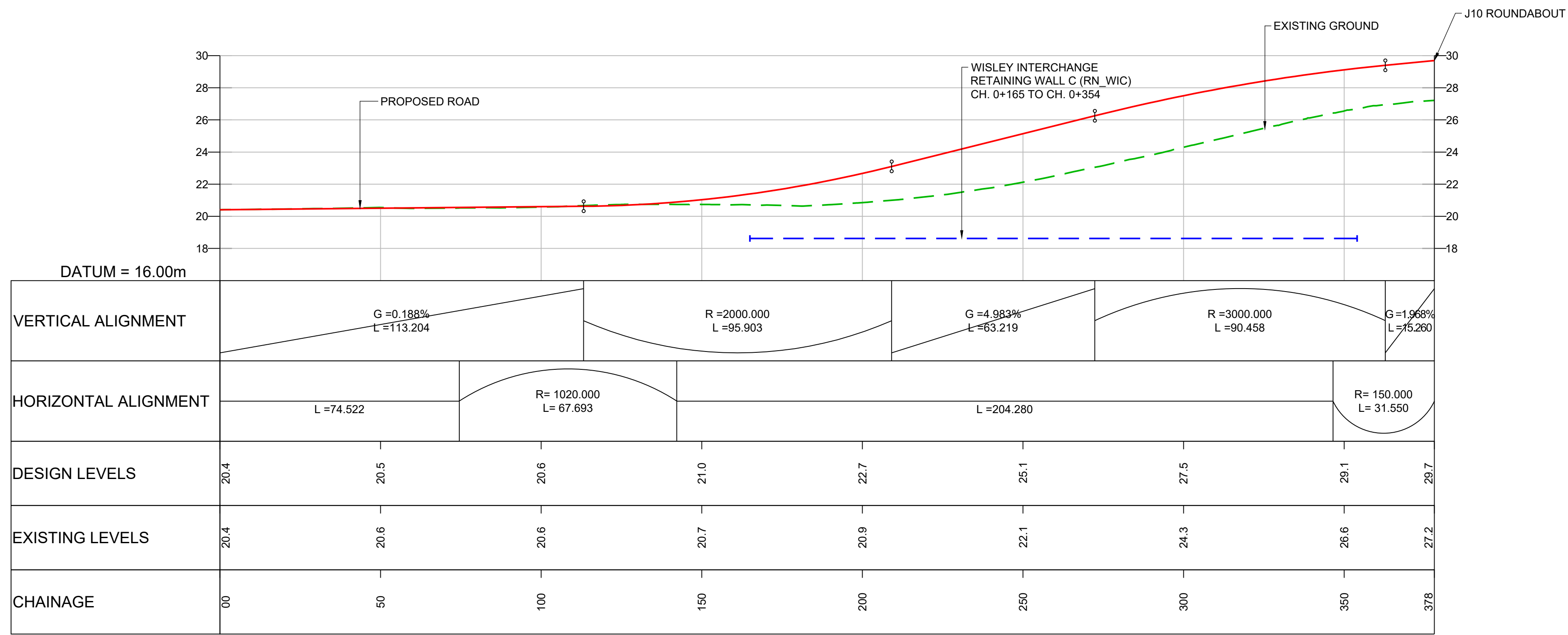
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

Drawing Suitability DCO APPLICATION	Status A4	Project Title M25 junction 10/A3 Wisley interchange
Description ATKINS Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 9 OF 25
Client Working on behalf of highways england		Drawing Number TR010030/APP/2.9
Copyright © Atkins Limited (2018)		Rev: 0
HE PIN: HE551522		Original Size: A1

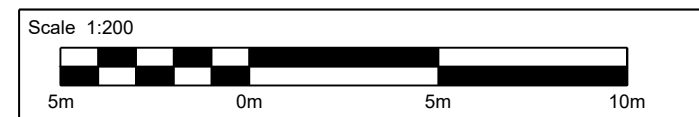
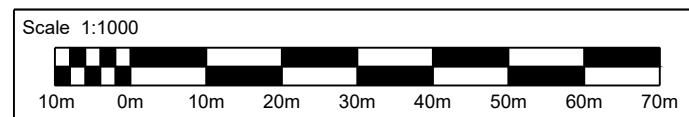
DO NOT SCALE

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Millimetres

0 10



LONGITUDINAL SECTION - M25 EASTBOUND OFF-SLIP TO M25 JUNCTION 10
SCALE 1:1000 H / 1:200 V



NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
- THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- | | OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description	A4	0	SA	RM	VA	CT	07/08/19

Drawing Suitability: DCO APPLICATION
Status: A4

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Client: **highways england**

Project Title: M25 junction 10/A3 Wisley interchange

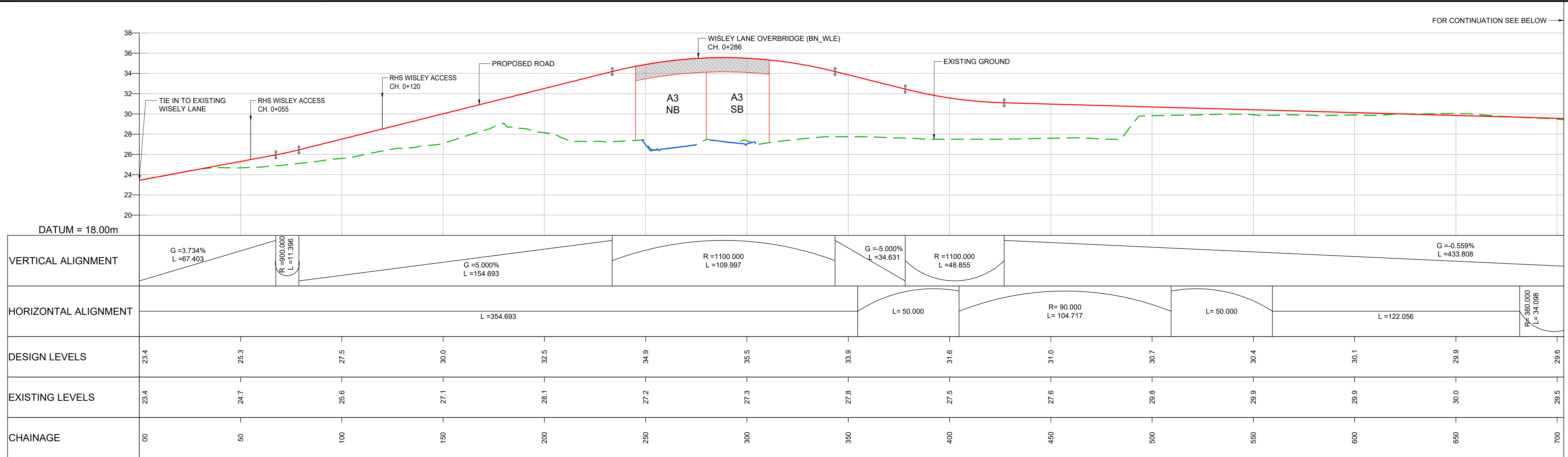
Drawing Title: LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)
SHEET 13 OF 25

Drawing Number: TR010030/APP/2.9
Rev: 0

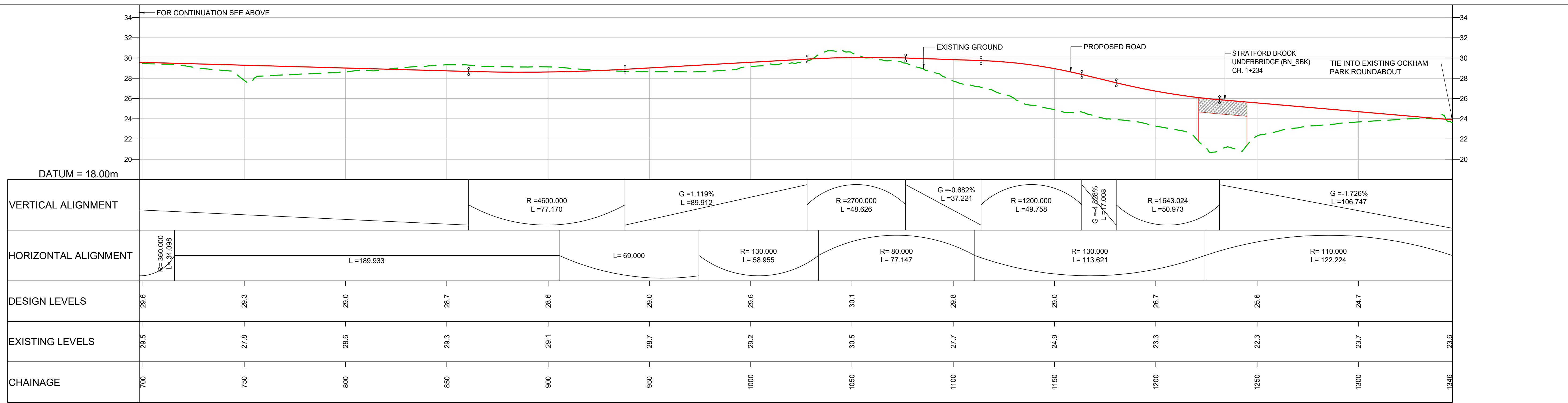
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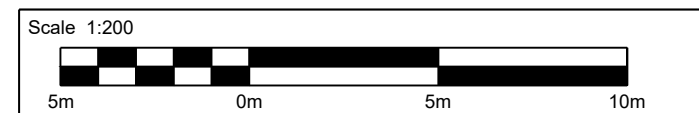
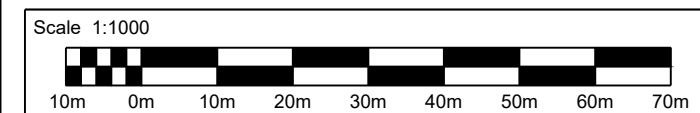
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0 10
Millimetres



LONGITUDINAL SECTION - WISELY LANE DIVERSION
SCALE 1:1000 H / 1:200 V



LONGITUDINAL SECTION - WISELY LANE DIVERSION
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

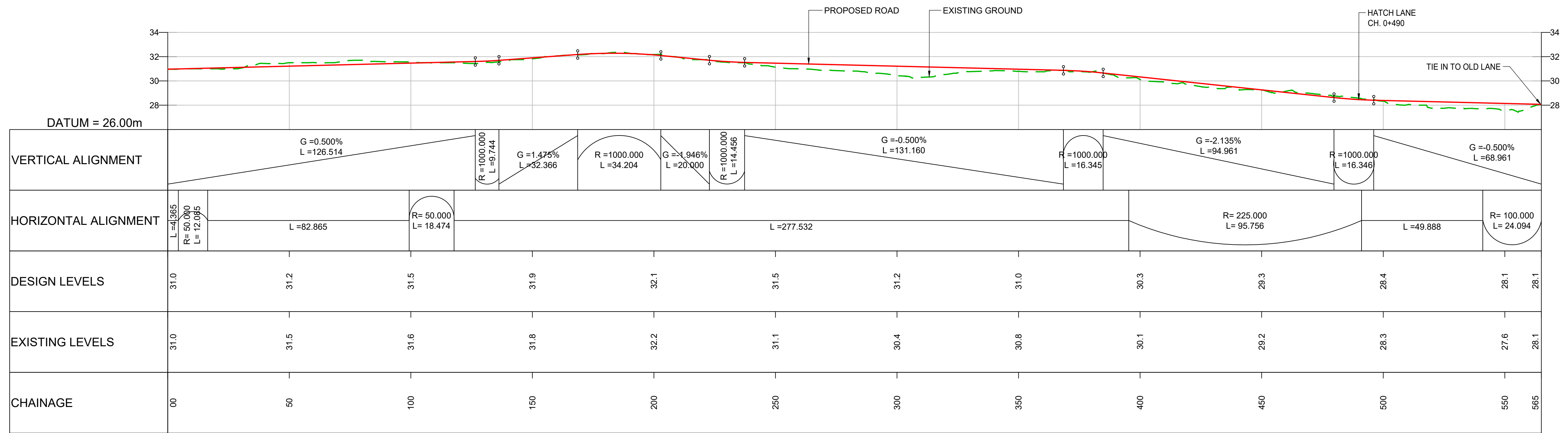
- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- · — OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

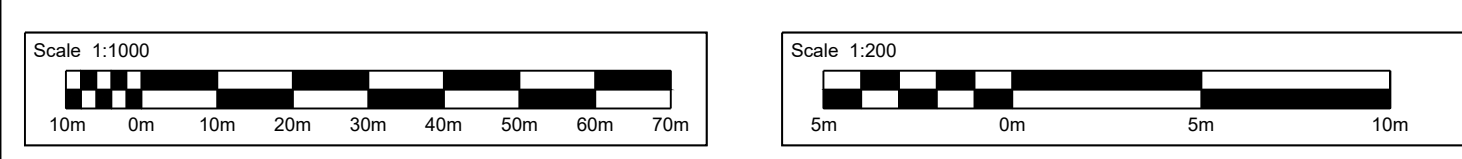
Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title LONGITUDINAL PROFILE REGULATION 5(2)(o) AND (2) SHEET 14 OF 25	
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HE PIN: HE551522		Scale: AS SHOWN		Original Size: A1	

DO NOT SCALE

Millimetres



LONGITUDINAL SECTION - ELM LANE
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

- KEY:**
- PROPOSED ROAD
 - - - EXISTING GROUND
 - - - EXISTING RETAINING WALL
 - - - PROPOSED RETAINING WALL
 - PROPOSED GROUND
 - ⋮ OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

Drawing Suitability: **DCO APPLICATION** Status: **A4**

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Client: **Working on behalf of highways england**

Project Title: **M25 junction 10/A3 Wisley interchange**

Drawing Title: **LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)**

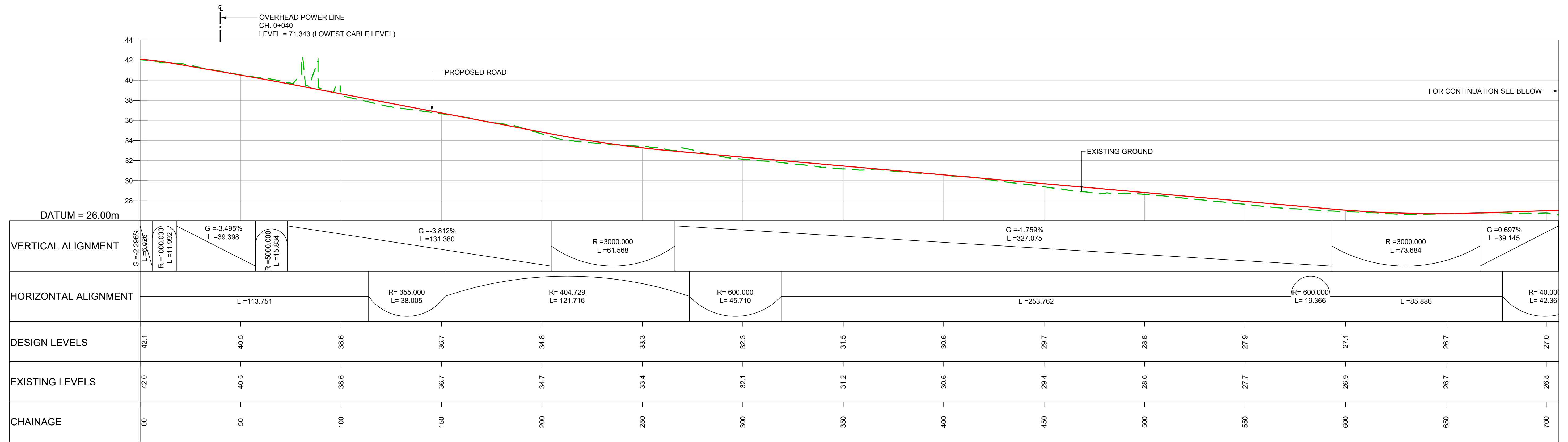
SHEET 15 OF 25

Drawing Number: **TR010030/APP/2.9** Rev: **0**

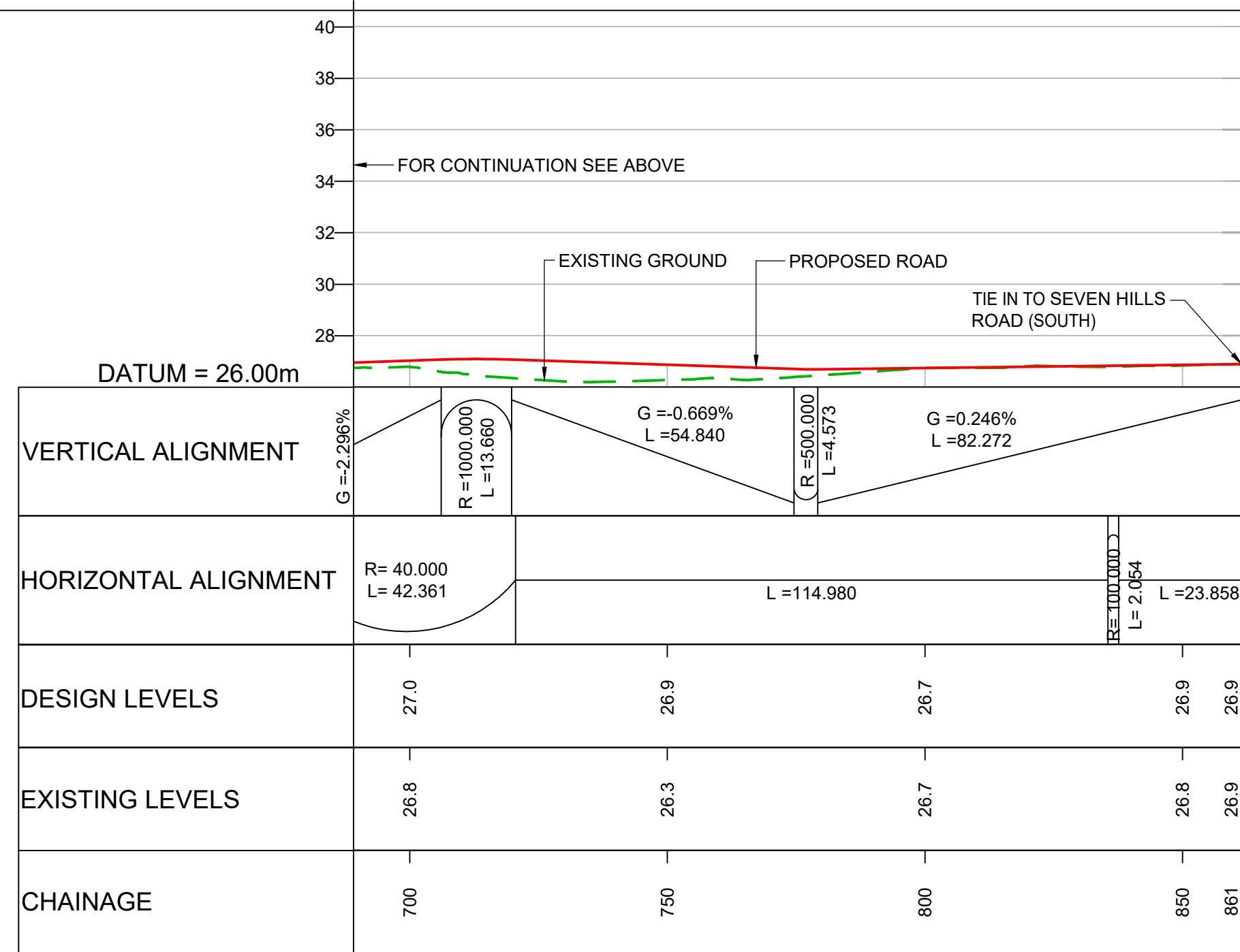
HE PIN: HE551522 Scale: AS SHOWN Original Size: A1

DO NOT SCALE

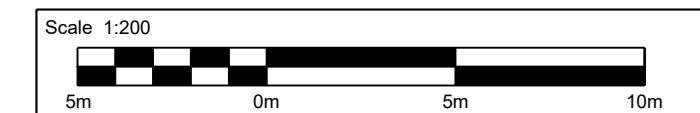
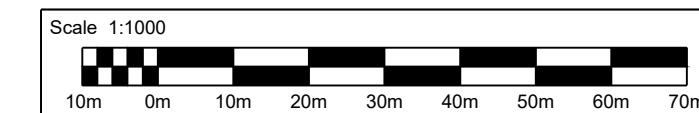
100
0 10
Millimetres



LONGITUDINAL SECTION - NEW B365 SEVEN HILLS ROAD EXTENSION
 (FROM REALIGNED ACCESS TO LONG ORCHARD FARM TO B365 SEVEN HILLS ROAD)
 SCALE 1:1000 H / 1:200 V



LONGITUDINAL SECTION - NEW B365 SEVEN HILLS ROAD EXTENSION
 (FROM REALIGNED ACCESS TO LONG ORCHARD FARM TO B365 SEVEN HILLS ROAD)
 SCALE 1:1000 H / 1:200 V



NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
- THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

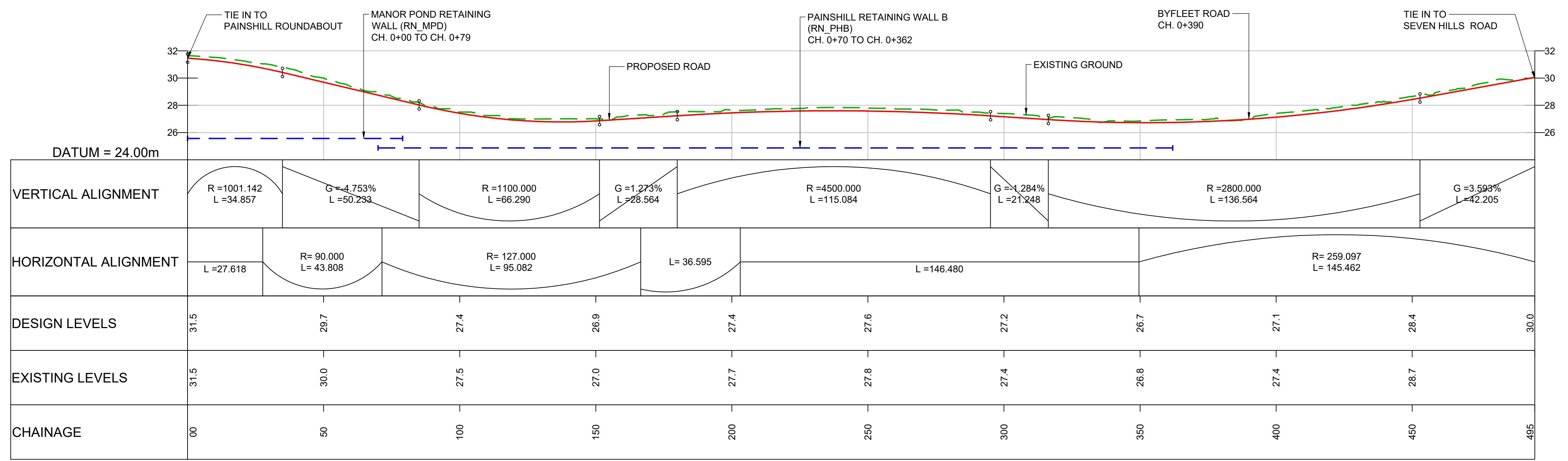
KEY:

- PROPOSED ROAD
- EXISTING GROUND
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE

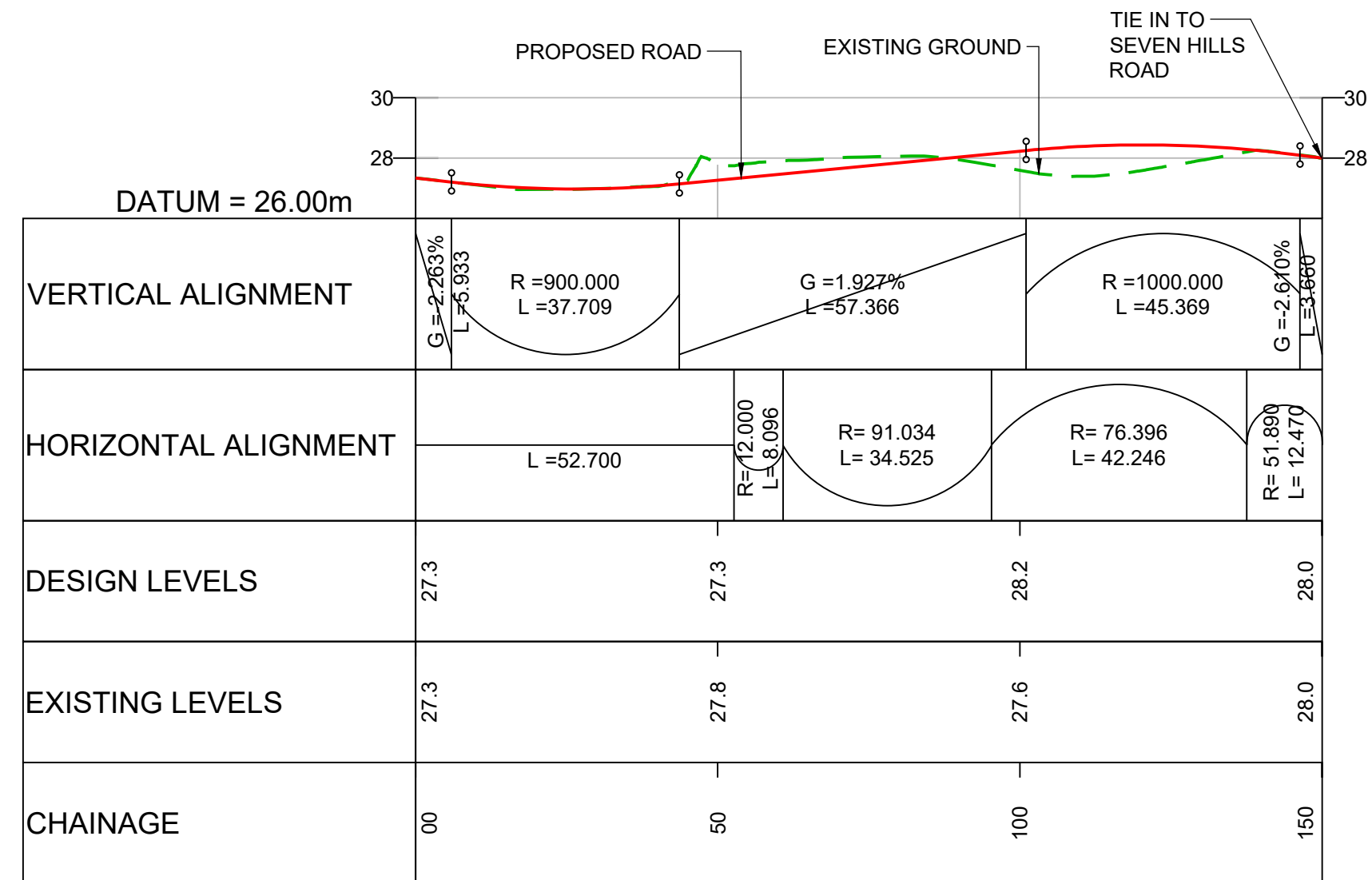
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

Drawing Suitability DCO APPLICATION	Status A4	Project Title M25 junction 10/A3 Wisley interchange
		Drawing Title LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)
		SHEET 16 OF 25
Copyright © Atkins Limited (2018)		Client
Drawing Number TR010030/APP/2.9		Rev. 0
HE PIN: HE551522		Scale: AS SHOWN Original Size: A1

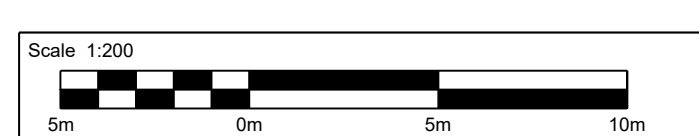
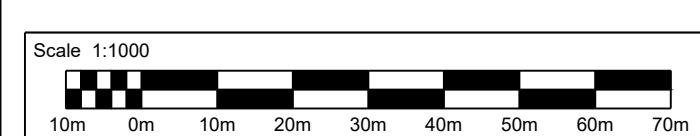
DO NOT SCALE



LONGITUDINAL SECTION - A245 (FROM PAINSHILL JUNCTION TO B365 SEVEN HILLS ROAD)
SCALE 1:1000 H / 1:200 V



LONGITUDINAL SECTION - NEW PRIVATE ACCESS TO FELTONFLEET SCHOOL
(FROM OLD BYFLEET ROAD TO B365 SEVEN HILLS ROAD)
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

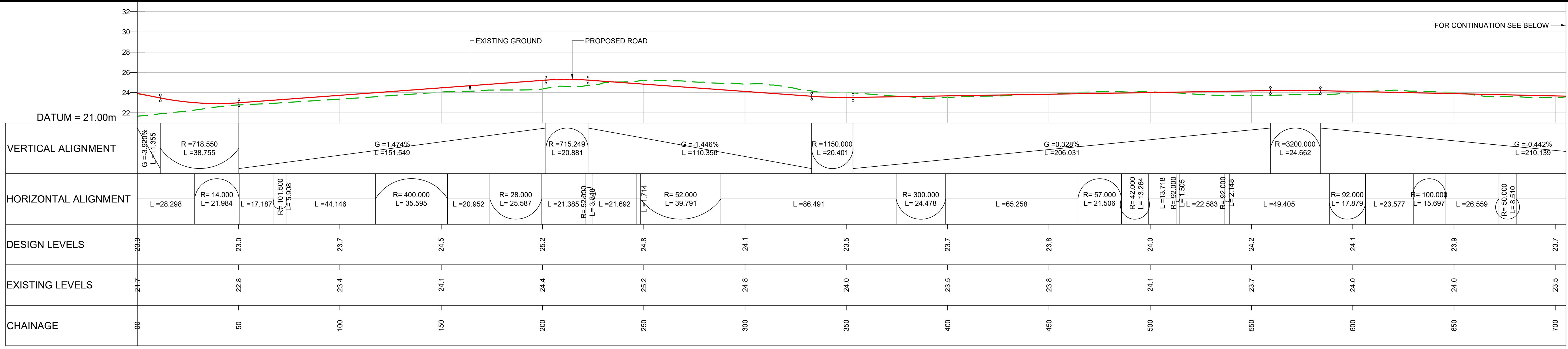
KEY:

- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE

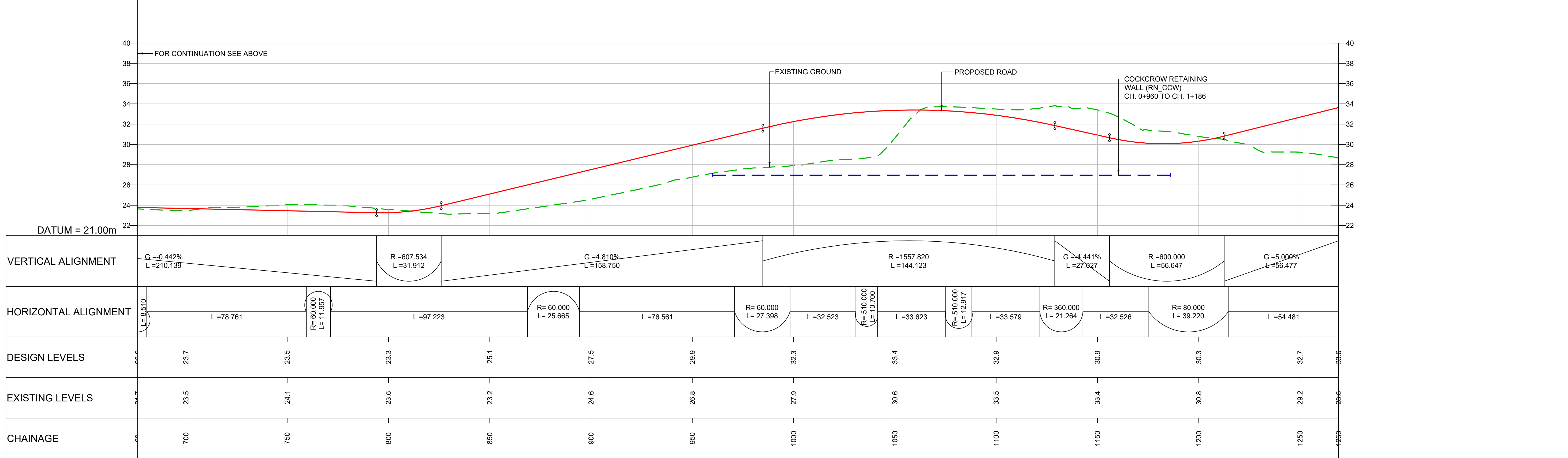
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19
SUBMITTED FOR DEADLINE 4	A1	1	SA	LH	RM	ADK	28/01/20

Drawing Suitability	APPROVED - PUBLISHED	Status	A1	Project Title	M25 junction 10/A3 Wisley interchange
				Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com	
Copyright © Atkins Limited (2018)		Client 		Drawing Number	TR010030/APP/2.9
				Rev:	1
		HE PIN: HE551522		Scale: AS SHOWN	Original Size: A1

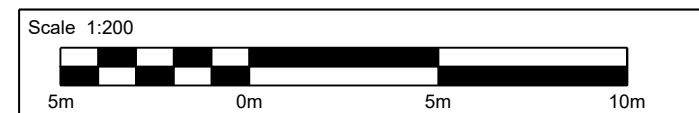
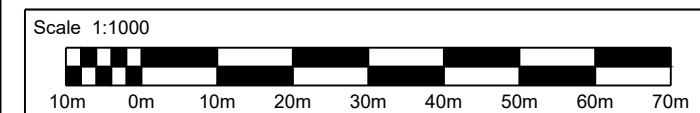
DO NOT SCALE



LONGITUDINAL SECTION - NEW WISLEY COMMON BRIDLEWAY
SCALE 1:1000 H / 1:200 V



LONGITUDINAL SECTION - NEW WISLEY COMMON BRIDLEWAY
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.
- KEY:**
- PROPOSED ROAD
 - - - EXISTING GROUND
 - - - EXISTING RETAINING WALL
 - - - PROPOSED RETAINING WALL
 - PROPOSED GROUND
 - OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19
SUBMITTED FOR DEADLINE 4	A1	1	SA	LH	RM	ADK	28/01/20

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

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Client: **Working on behalf of**
highways england

Project Title: **M25 junction 10/A3 Wisley interchange**

Drawing Title: **LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)**

SHEET 18 OF 25

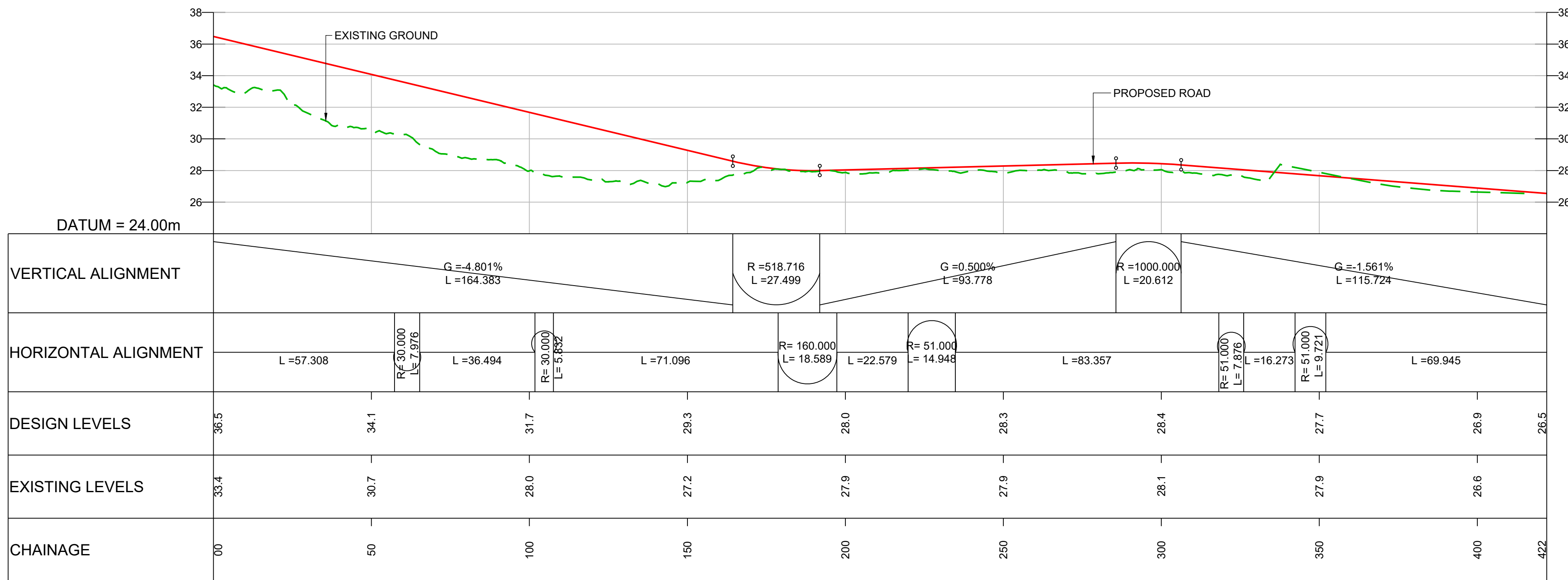
Drawing Number: **TR010030/APP/2.9** Rev: **1**

HE PIN: HE551522 Scale: AS SHOWN Original Size: **A1**

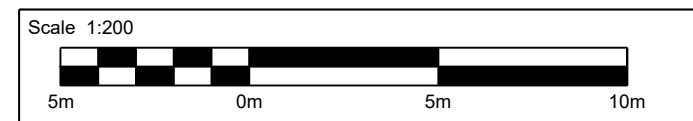
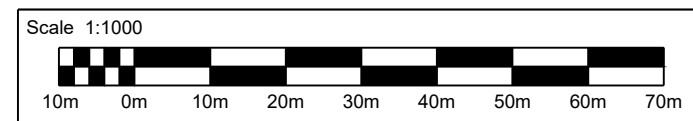
DO NOT SCALE

100
Millimetres

0 10



**LONGITUDINAL SECTION - NEW OCKHAM COMMON BRIDLEWAY
(FROM COCKCROW OVERBRIDGE TO SANDPIT HILL OVERBRIDGE)**
SCALE 1:1000 H / 1:200 V



NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
- THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19
SUBMITTED FOR DEADLINE 4	A1	1	SA	LH	RM	ADK	28/01/20

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

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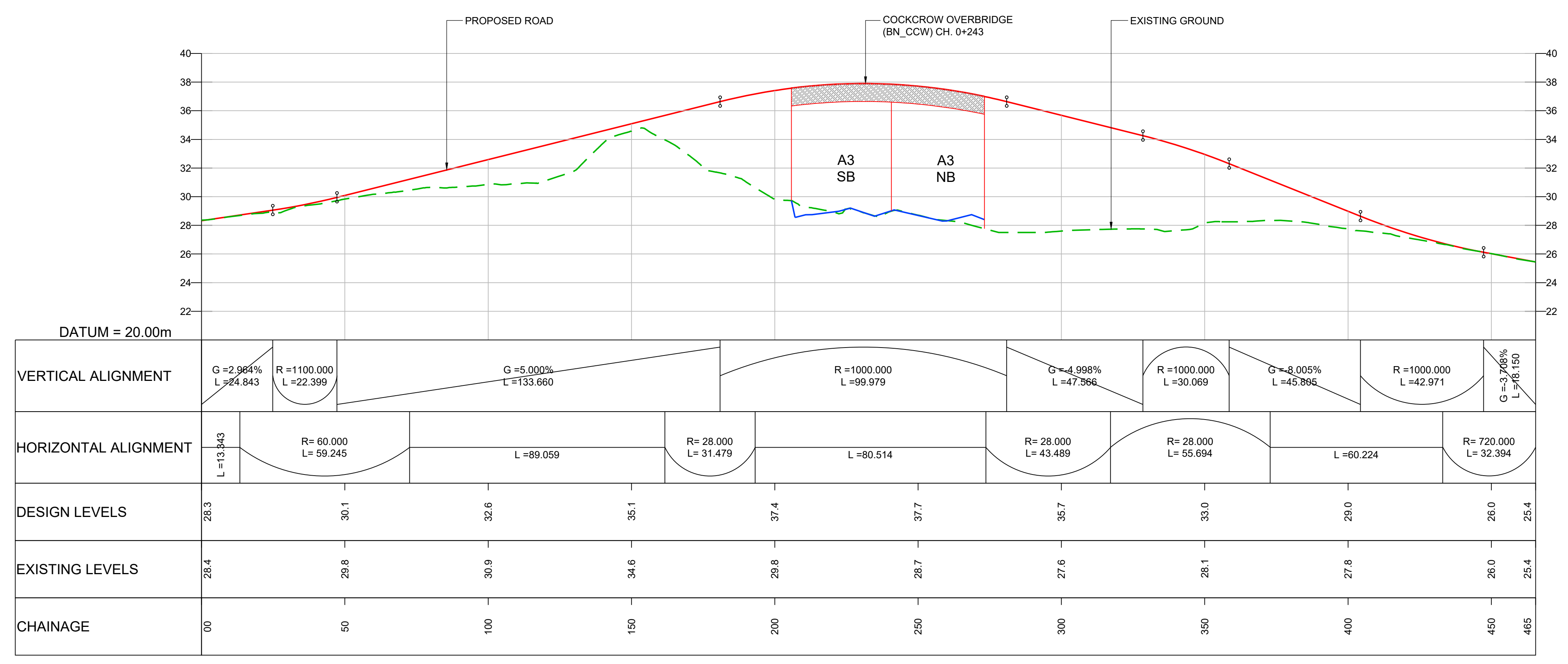
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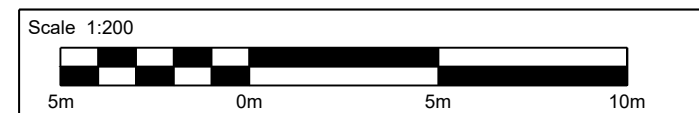
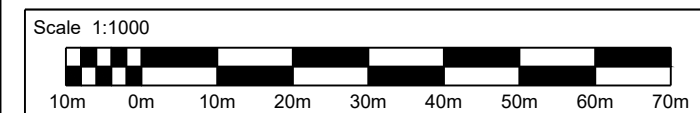
Project Title: M25 junction 10/A3 Wisley interchange	Drawing Title: LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)	Sheet: SHEET 19 OF 25
Drawing Number: TR010030/APP/2.9	Rev: 1	
HE PIN: HE551522	Scale: AS SHOWN	Original Size: A1

DO NOT SCALE

100
0 10
Millimetres



LONGITUDINAL SECTION - NEW CURRIE'S CLUMP BRIDLEWAY TO NEW OCKHAM COMMON BRIDLEWAY
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

- PROPOSED ROAD
- - - EXISTING GROUND
- - - EXISTING RETAINING WALL
- - - PROPOSED RETAINING WALL
- PROPOSED GROUND
- OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19
SUBMITTED FOR DEADLINE 4	A1	1	SA	LH	RM	ADK	28/01/20

Drawing Suitability: **APPROVED - PUBLISHED**

Status: **A1**

Client: **Working on behalf of highways england**

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Project Title: **M25 junction 10/A3 Wisley interchange**

Drawing Title: **LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)**

SHEET 20 OF 25

Drawing Number: **TR010030/APP/2.9**

Rev: **1**

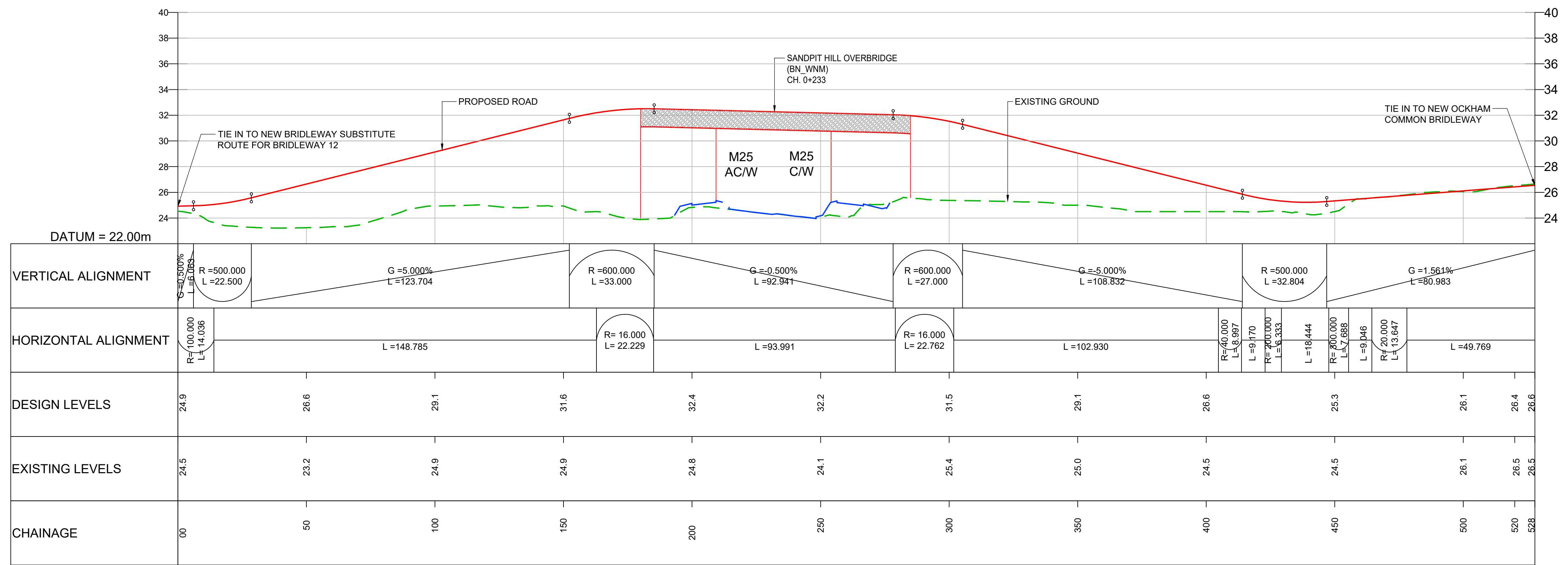
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DO NOT SCALE

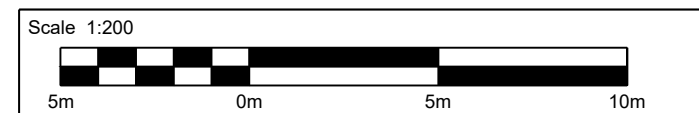
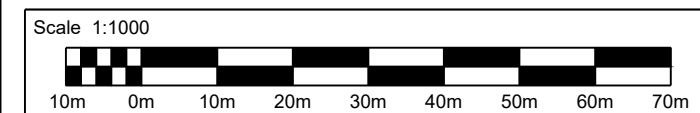
Millimetres

0 10

100



LONGITUDINAL SECTION - SANDPIT HILL OVERBRIDGE
 (FROM NEW BRIDLEWAY SUBSTITUTE FOR BRIDLEWAY 12
 TO NEW OCKHAM COMMON BRIDLEWAY)
 SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

KEY:

- PROPOSED ROAD
- EXISTING GROUND
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED GROUND
- ⋮ OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

DCO APPLICATION

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 www.atkinsglobal.com

highways england

Project Title: M25 junction 10/A3 Wisley interchange

Drawing Title: LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)

SHEET 21 OF 25

Drawing Number: TR010030/APP/2.9

Rev: 0

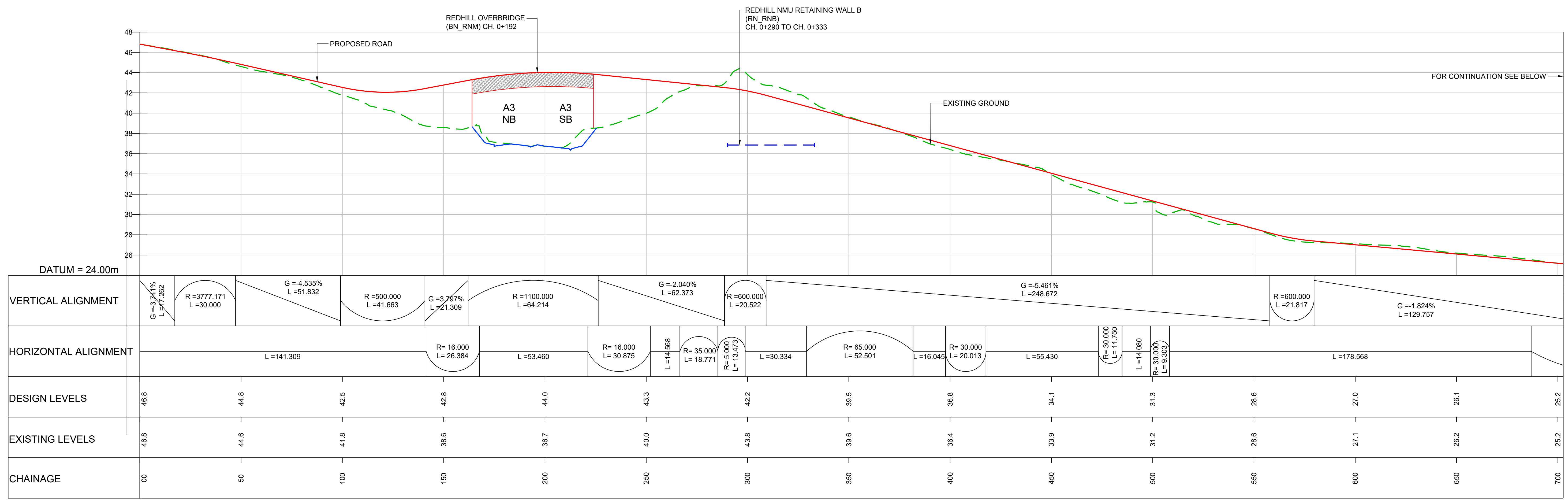
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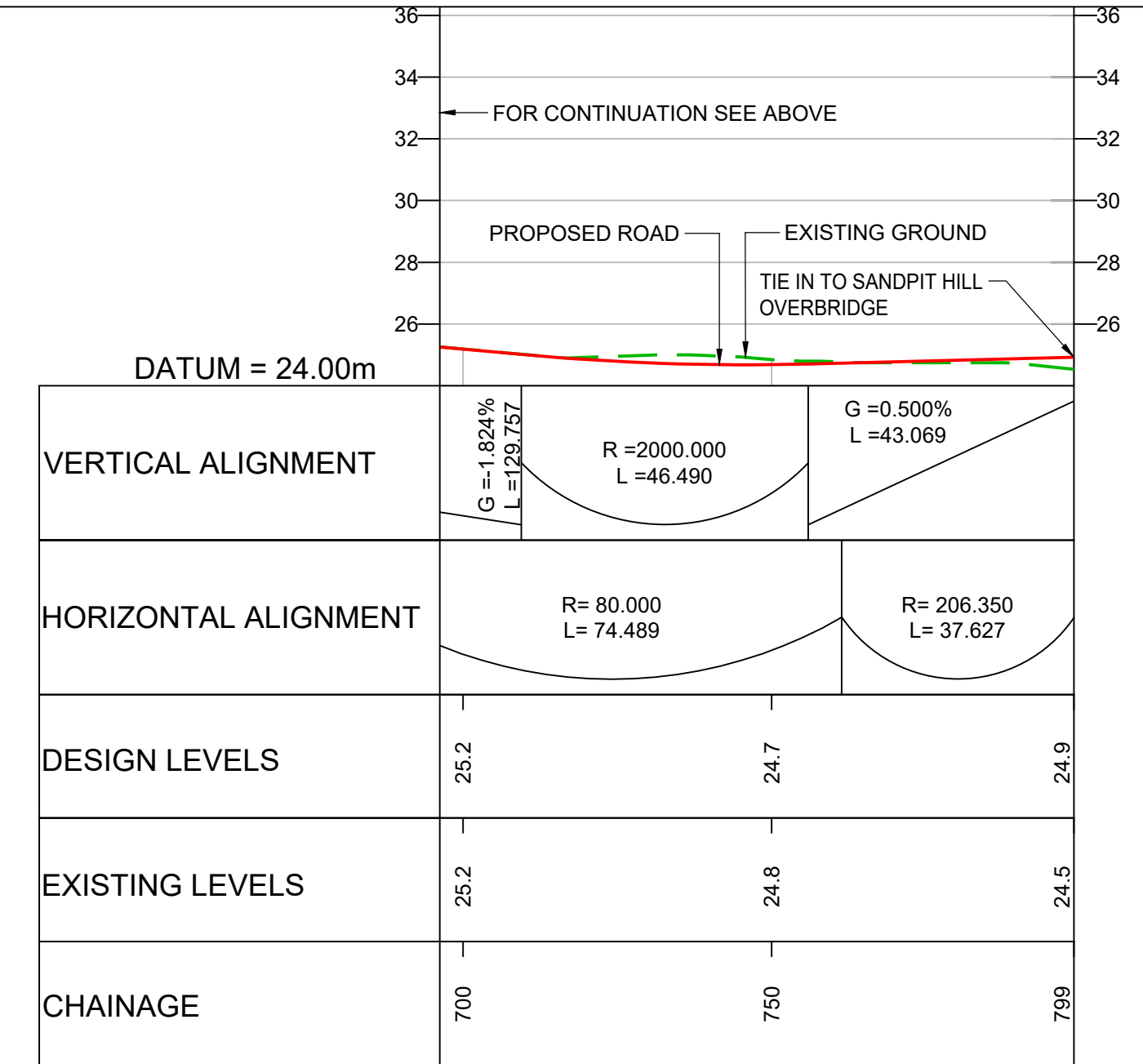
Original Size: A1

DO NOT SCALE

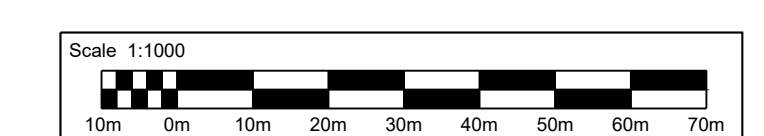
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0 10
Millimetres



LONGITUDINAL SECTION - NEW BRIDLEWAY SUBSTITUTE ROUTE FOR BRIDLEWAY 12
SCALE 1:1000 H / 1:200 V



LONGITUDINAL SECTION - NEW BRIDLEWAY SUBSTITUTE ROUTE FOR BRIDLEWAY 12
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.
- KEY:**
- PROPOSED ROAD
 - - - EXISTING GROUND
 - - - EXISTING RETAINING WALL
 - - - PROPOSED RETAINING WALL
 - PROPOSED GROUND
 - | | OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/08/19

DCO APPLICATION

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highways england

Project Title: M25 junction 10/A3 Wisley interchange

Drawing Title: LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)

SHEET 22 OF 25

Drawing Number: TR010030/APP/2.9

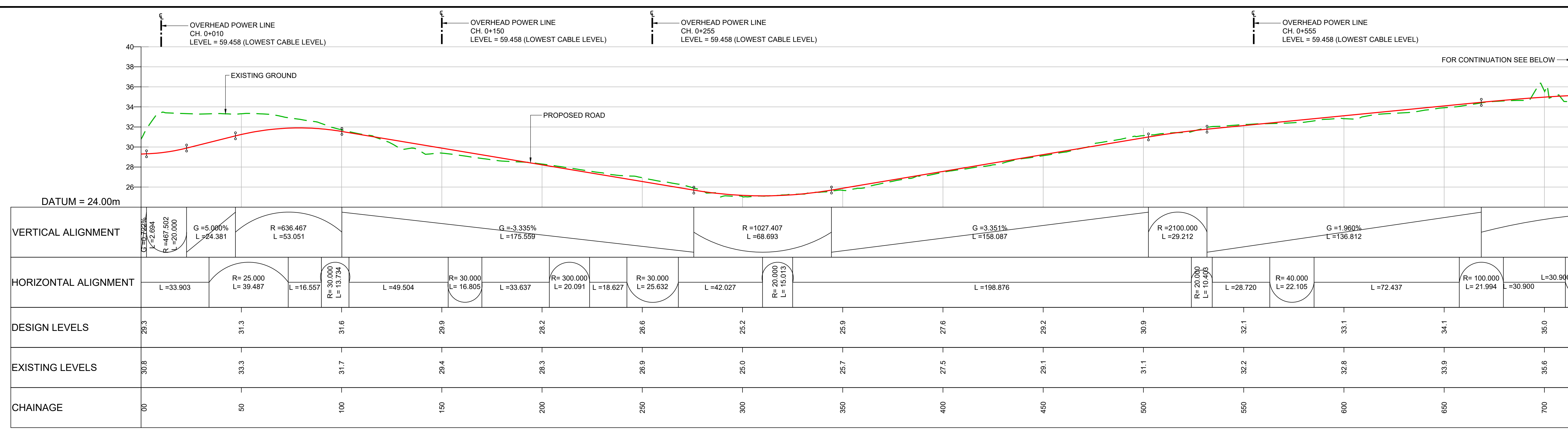
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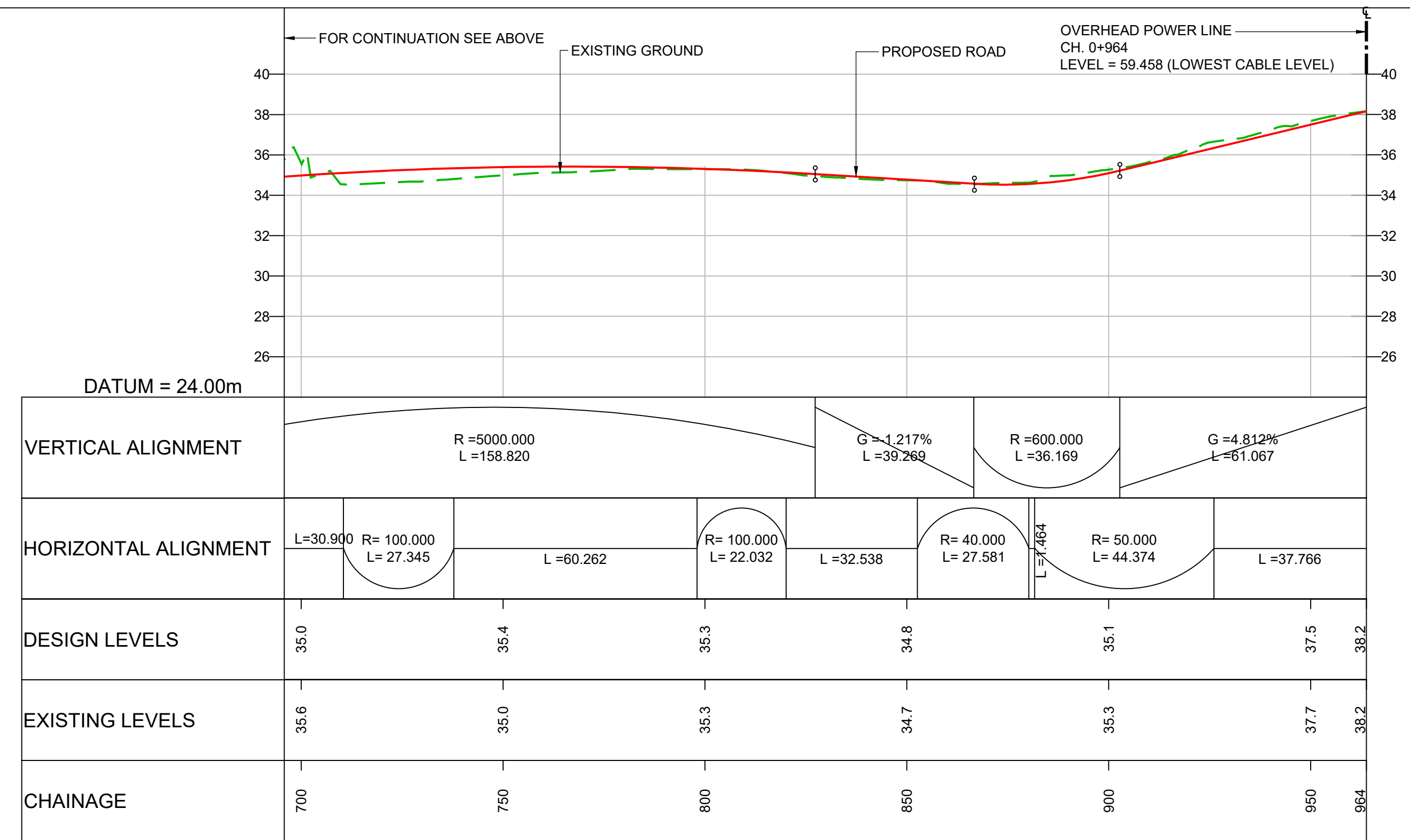
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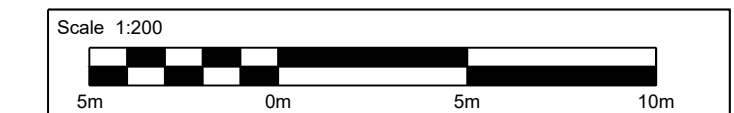
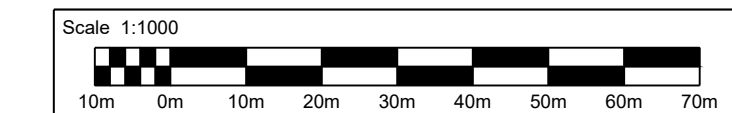
DO NOT SCALE



LONGITUDINAL SECTION - SUBSTITUE PRIVATE ACCESS FOR NEW FARM, GAS VALVE COMPOUND, HEYSWOOD CAMPSITE, COURT CLOSE FARM (FROM SLIP ROAD ACCESS TO COURT CLOSE FARM)
SCALE 1:1000 H / 1:200 V



LONGITUDINAL SECTION - SUBSTITUE PRIVATE ACCESS FOR NEW FARM, GAS VALVE COMPOUND, HEYSWOOD CAMPSITE, COURT CLOSE FARM (FROM SLIP ROAD ACCESS TO COURT CLOSE FARM)
SCALE 1:1000 H / 1:200 V



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.
- KEY:**
- PROPOSED ROAD
 - - - EXISTING GROUND
 - - - EXISTING RETAINING WALL
 - - - PROPOSED RETAINING WALL
 - PROPOSED GROUND
 - - - OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4		SA	RM	VA	CT	07/06/19

DCO APPLICATION Status: **A4**

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Project Title: **M25 junction 10/A3 Wisley interchange**

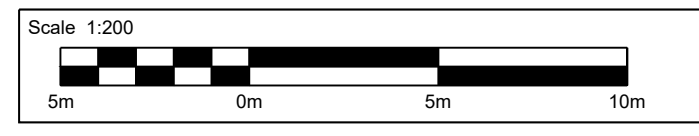
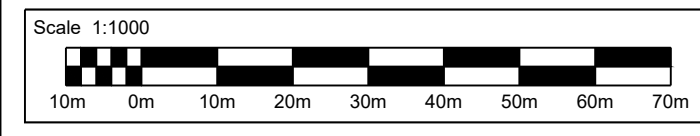
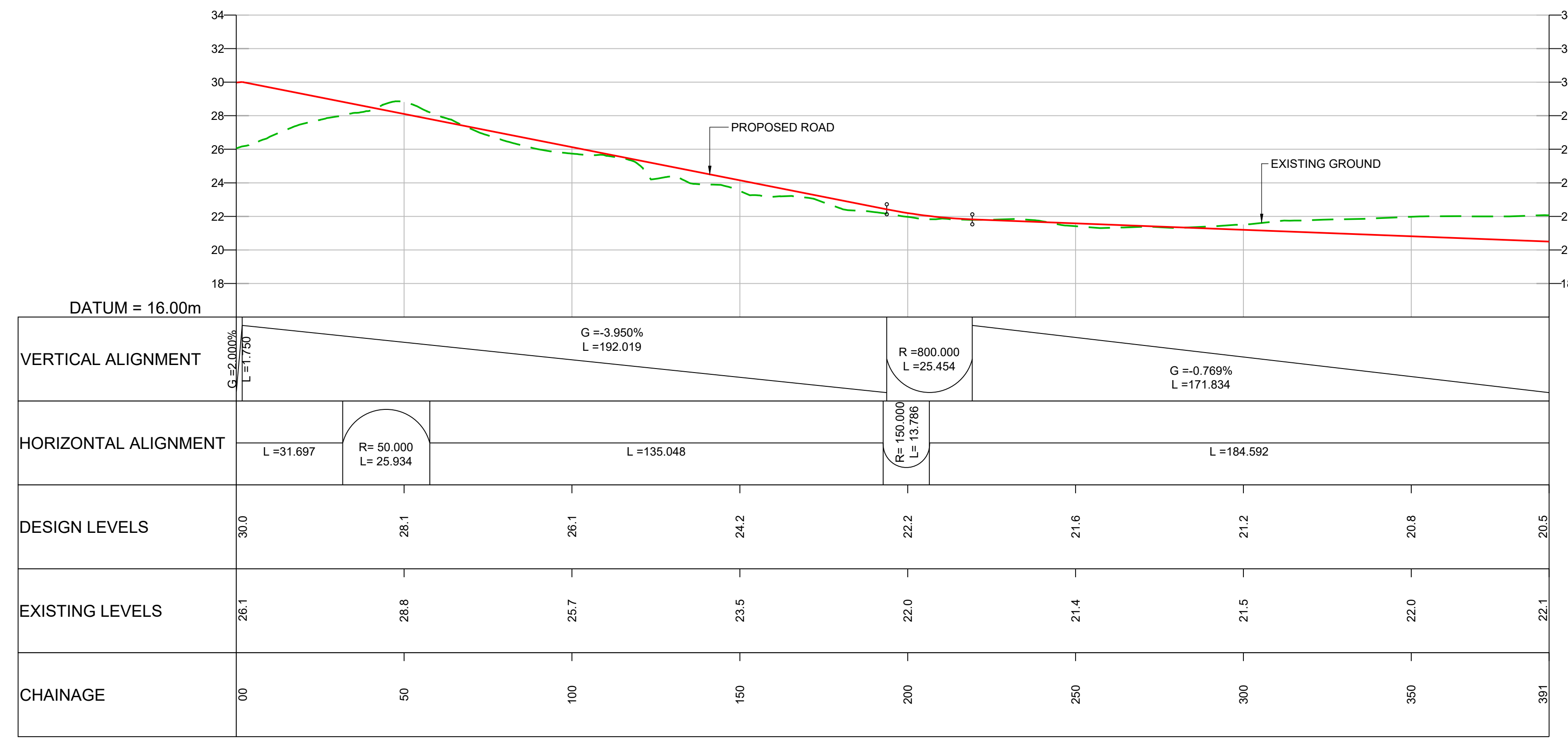
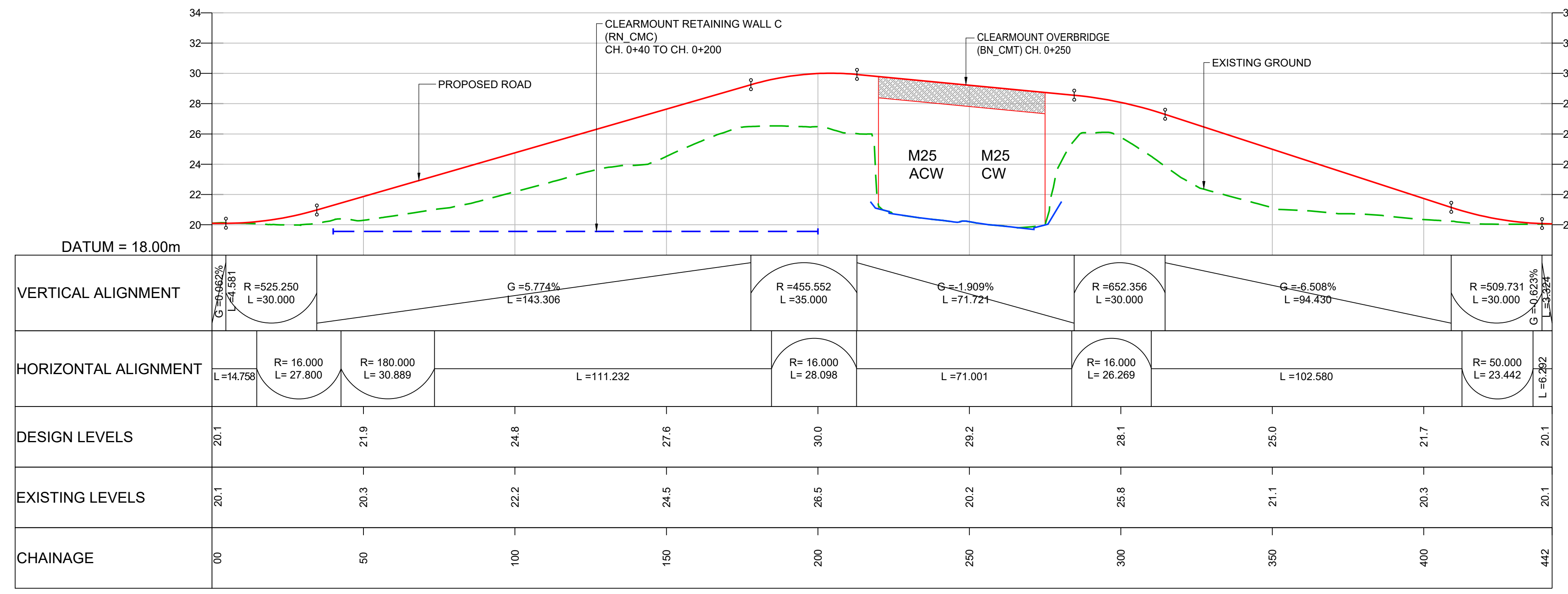
Drawing Title: **LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)**

SHEET 23 OF 25

Drawing Number: **TR010030/APP/2.9** Rev: **0**

HE PIN: HE551522 Scale: AS SHOWN Original Size: **A1**

DO NOT SCALE



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - LIMITS OF DEVIATION: HORIZONTAL POSITION MAY VARY WITHIN THE RED LINE BOUNDARY & VERTICALLY +1m TO -3m.
 - THE RETAINING WALLS, BRIDGE DECKS, CULVERT AND OVERHEAD POWER LINE DETAILS ARE INDICATIVE ONLY.

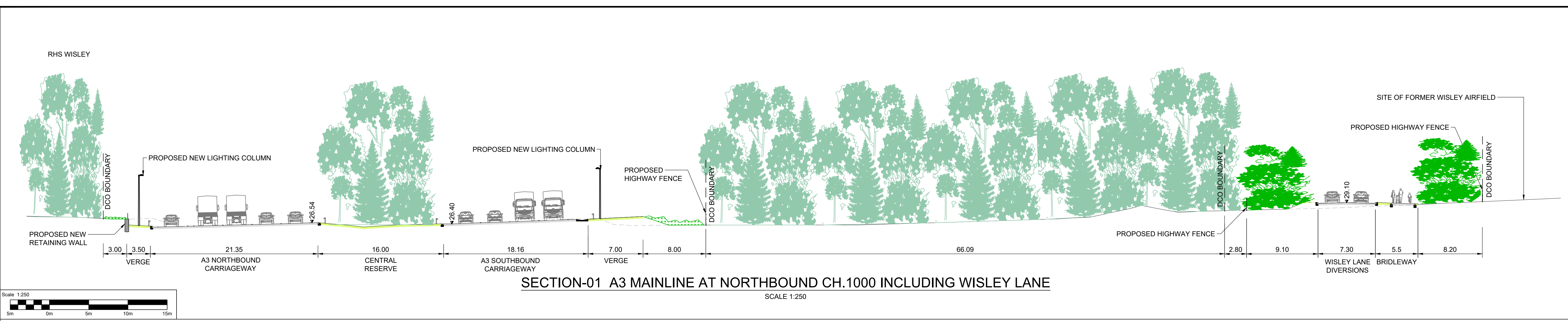
- KEY:**
- PROPOSED ROAD
 - - - EXISTING GROUND
 - - - EXISTING RETAINING WALL
 - - - PROPOSED RETAINING WALL
 - PROPOSED GROUND
 - | OVERHEAD POWER LINE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO Application	A4	0	SA	RM	VA	CT	07/06/19

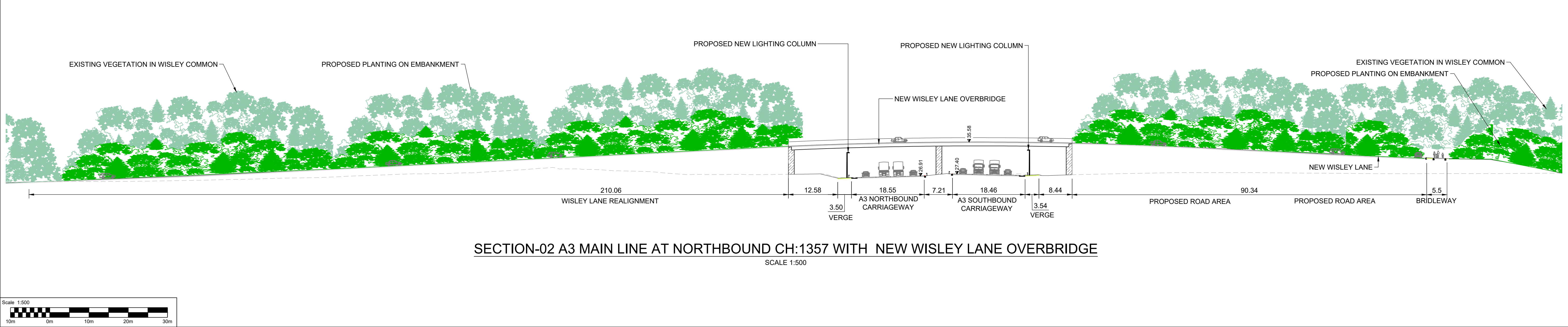
Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 junction 10/A3 Wisley interchange
				Drawing Title LONGITUDINAL PROFILE REGULATION 5(2)(o) AND 6(2)	
Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		SHEET 25 OF 25		Drawing Number TR010030/APP/2.9	
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HE PIN: HE551522		Scale: AS SHOWN		Original Size: A1	

DO NOT SCALE

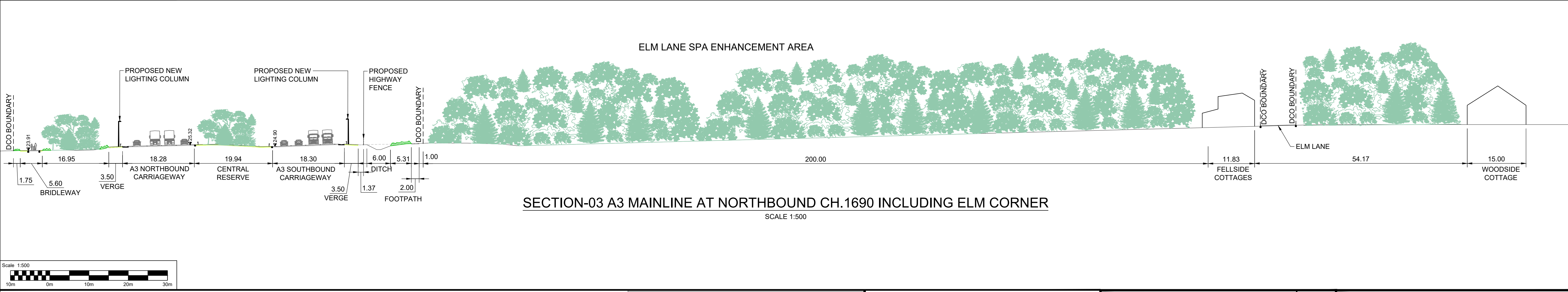
Millimetres
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SECTION-01 A3 MAINLINE AT NORTHBOUND CH.1000 INCLUDING WISLEY LANE
SCALE 1:250



SECTION-02 A3 MAIN LINE AT NORTHBOUND CH:1357 WITH NEW WISLEY LANE OVERBRIDGE
SCALE 1:500



SECTION-03 A3 MAINLINE AT NORTHBOUND CH.1690 INCLUDING ELM CORNER
SCALE 1:500

- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THE LAND TAKE REQUIREMENTS FOR THE LOCAL ACCESS ROADS ARE DEPENDENT ON EARTHWORKS REQUIREMENTS.
 - EARTHWORKS REQUIREMENTS ARE PENDING DETAILED TOPOGRAPHICAL SURVEY.
 - ALL EARTHWORKS SLOPES TO BE 1(V):4(H) UNLESS OTHERWISE SHOWN.
 - SAFETY BARRIER TYPE SHOWN IS INDICATIVE AND SUBJECT TO DESIGN DEVELOPMENT.
 - VERGE WIDTHS SHOWN ARE MINIMUM. VERGE WIDTH SHALL BE INCREASED TO PROVIDE SIGHT DISTANCE WHERE REQUIRED.
 - STREET FURNITURE OMITTED FOR CLARITY REFER TO 'TYPICAL VERGE DETAILS' DRAWINGS.
 - VEGETATION SHOWN 15 YEARS AFTER OPENING.

KEY:

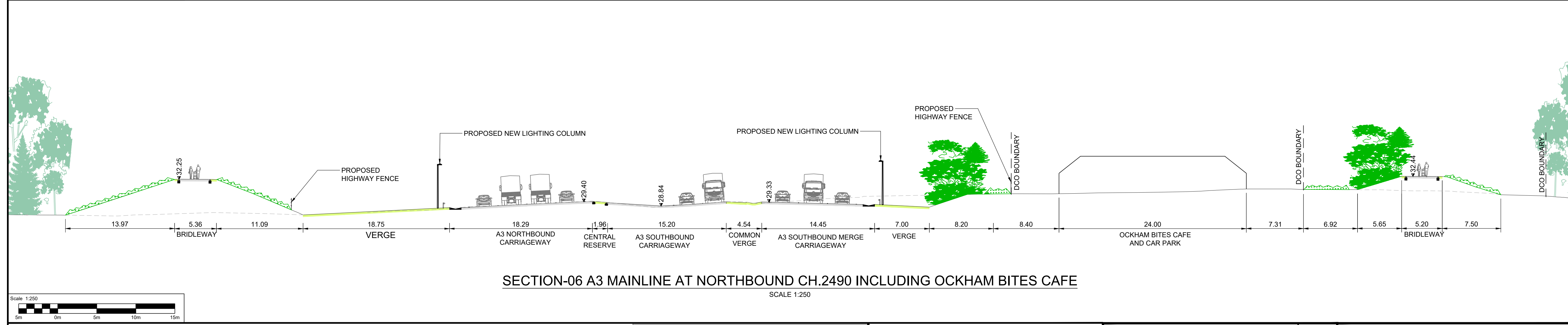
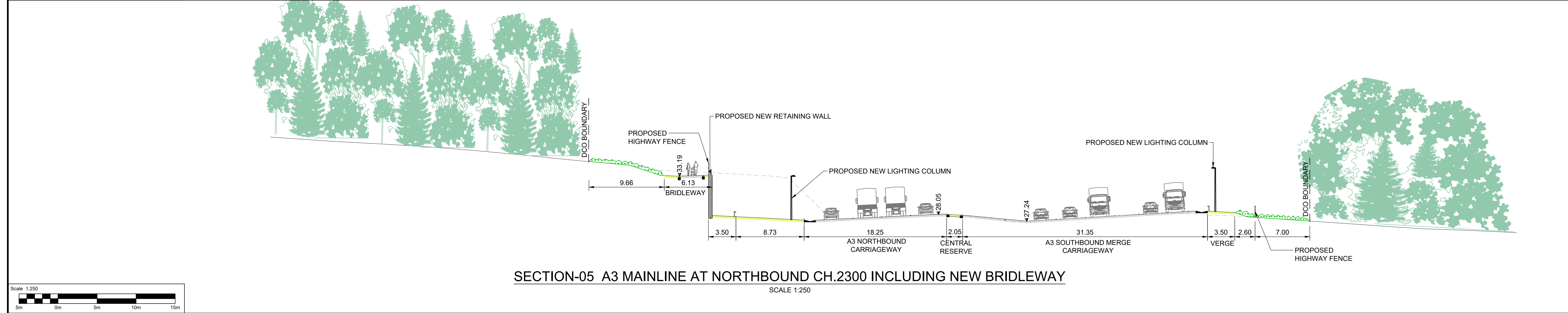
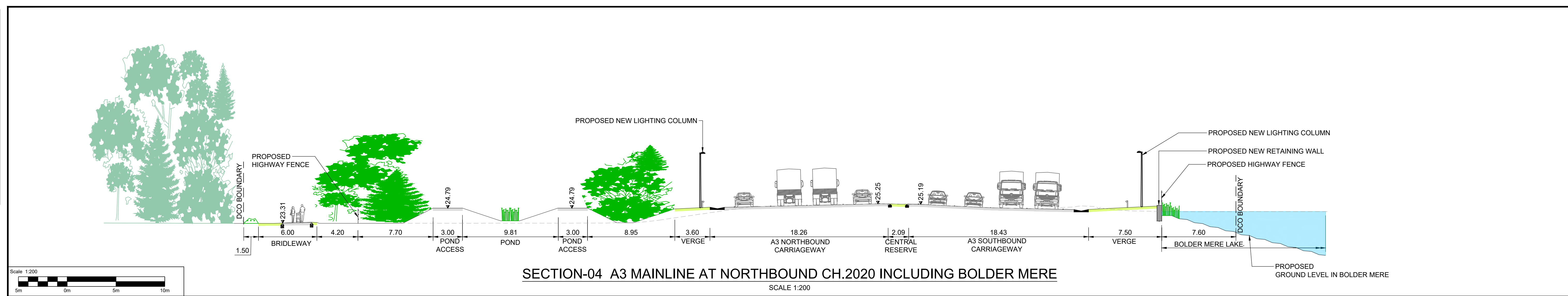
- PROPOSED TREE AND SHRUB PLANTING
- EXISTING VEGETATION
- EXISTING GROUND LEVEL
- MARGINAL AND EMERGENT VEGETATION
- PROPOSED OPEN GRASSLAND OR LOW VEGETATION
- 26.39
LEVEL OF PROPOSED ROAD WORKS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION						
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).						
Construction NONE						
Maintenance / Cleaning NONE						
Use NONE						
Decommissioning / Demolition NONE						
Description DCO APPLICATION						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A4	0	SA	NK	VA	CT	10/06/19

Drawing Suitability DCO APPLICATION	Status A4	Project Title M25 junction 10/A3 Wisley interchange
		Drawing Title CROSS SECTIONS REGULATION 5(2)(o) AND 6(2)
Copyright © Atkins Limited (2018)		SHEET 1 OF 5
Client 		Drawing Number TR010030/APP/2.9
Issue Date 10/06/19		Rev. 0
HE PIN: HE551522		Scale: AS SHOWN
Original Size: A1		

DO NOT SCALE

Millimetres
0 10 100



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THE LAND TAKE REQUIREMENTS FOR THE LOCAL ACCESS ROADS ARE DEPENDENT ON EARTHWORKS REQUIREMENTS.
 - EARTHWORKS REQUIREMENTS ARE PENDING DETAILED TOPOGRAPHICAL SURVEY.
 - ALL EARTHWORKS SLOPES TO BE 1(V):4(H) UNLESS OTHERWISE SHOWN.
 - SAFETY BARRIER TYPE SHOWN IS INDICATIVE AND SUBJECT TO DESIGN DEVELOPMENT.
 - VERGE WIDTHS SHOWN ARE MINIMUM. VERGE WIDTH SHALL BE INCREASED TO PROVIDE SIGHT DISTANCE WHERE REQUIRED.
 - STREET FURNITURE OMITTED FOR CLARITY REFER TO 'TYPICAL VERGE DETAILS' DRAWINGS.
 - VEGETATION SHOWN 15 YEARS AFTER OPENING.

KEY:

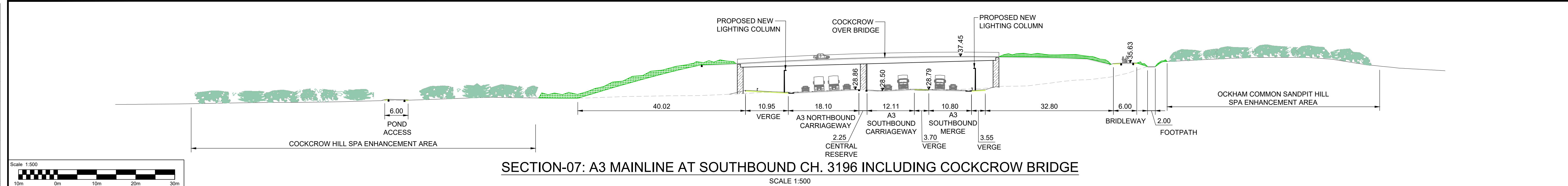
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	EXISTING VEGETATION
	EXISTING GROUND LEVEL
	MARGINAL AND EMERGENT VEGETATION
	PROPOSED OPEN GRASSLAND OR LOW VEGETATION
	LEVEL OF PROPOSED ROAD WORKS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

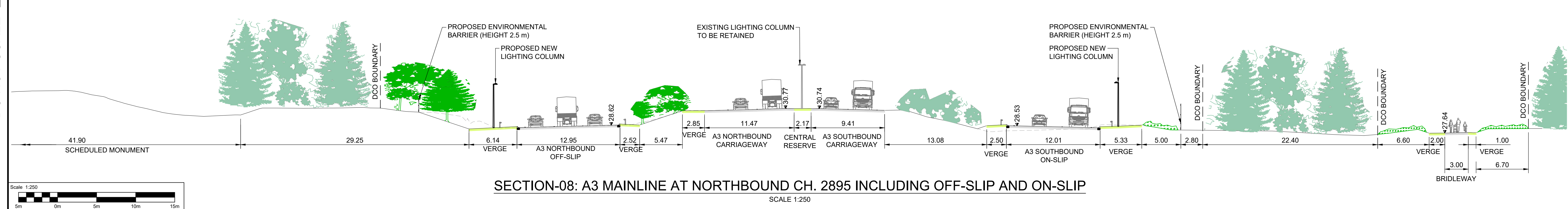
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Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
Description							
Description		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com					
Description		Copyright © Atkins Limited (2018)					
Description		Client					
Description		Working on behalf of					
Description							
Description		DCO APPLICATION		Drawing Number		TR010030/APP/2.9	
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	0
A4	0	SA	NK	VA	CT	10/06/19	
Description		HE PIN: HE551522		Scale: AS SHOWN		Original Size: A1	

DO NOT SCALE

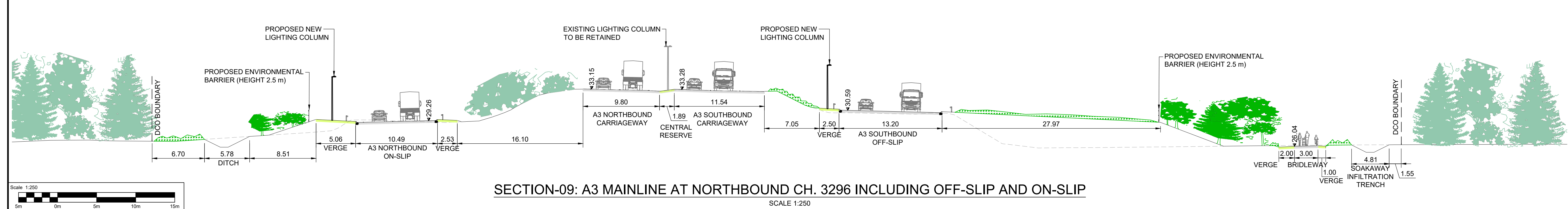
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Millimetres



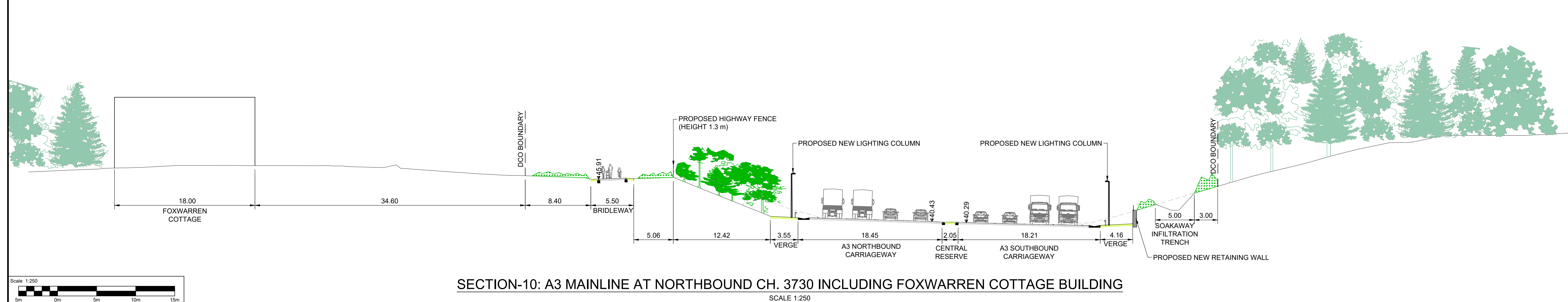
SECTION-07: A3 MAINLINE AT SOUTHBOUND CH. 3196 INCLUDING COCKCROW BRIDGE
SCALE 1:500



SECTION-08: A3 MAINLINE AT NORTHBOUND CH. 2895 INCLUDING OFF-SLIP AND ON-SLIP
SCALE 1:250



SECTION-09: A3 MAINLINE AT NORTHBOUND CH. 3296 INCLUDING OFF-SLIP AND ON-SLIP
SCALE 1:250



SECTION-10: A3 MAINLINE AT NORTHBOUND CH. 3730 INCLUDING FOXWARREN COTTAGE BUILDING
SCALE 1:250

- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THE LAND TAKE REQUIREMENTS FOR THE LOCAL ACCESS ROADS ARE DEPENDENT ON EARTHWORKS REQUIREMENTS.
 - EARTHWORKS REQUIREMENTS ARE PENDING DETAILED TOPOGRAPHICAL SURVEY.
 - ALL EARTHWORKS SLOPES TO BE 1(V):4(H) UNLESS OTHERWISE SHOWN.
 - SAFETY BARRIER TYPE SHOWN IS INDICATIVE AND SUBJECT TO DESIGN DEVELOPMENT.
 - VERGE WIDTHS SHOWN ARE MINIMUM. VERGE WIDTH SHALL BE INCREASED TO PROVIDE SIGHT DISTANCE WHERE REQUIRED.
 - STREET FURNITURE OMITTED FOR CLARITY REFER TO 'TYPICAL VERGE DETAILS' DRAWINGS.
 - VEGETATION SHOWN 15 YEARS AFTER OPENING.

KEY:

	PROPOSED TREE AND SHRUB PLANTING
	EXISTING VEGETATION
	EXISTING GROUND LEVEL
	MARGINAL AND EMERGENT VEGETATION
	PROPOSED OPEN GRASSLAND OR LOW VEGETATION
	LEVEL OF PROPOSED ROAD WORKS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

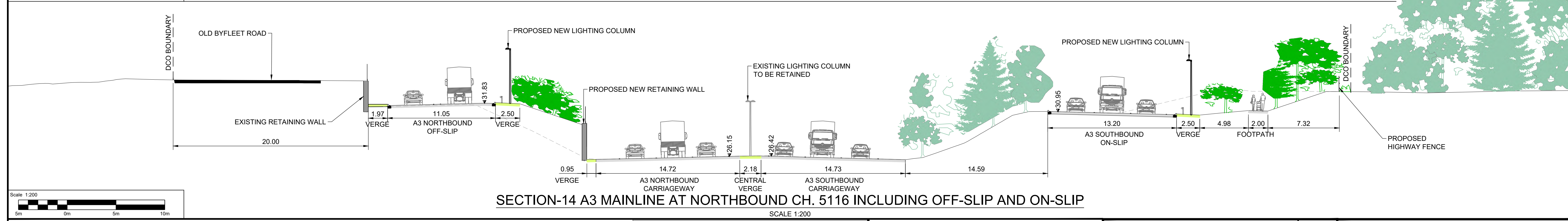
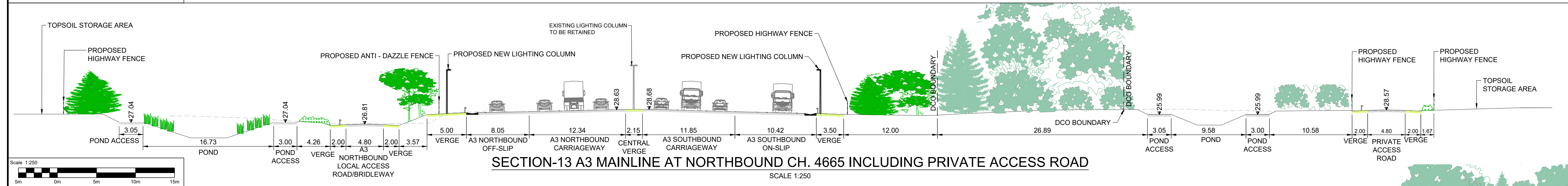
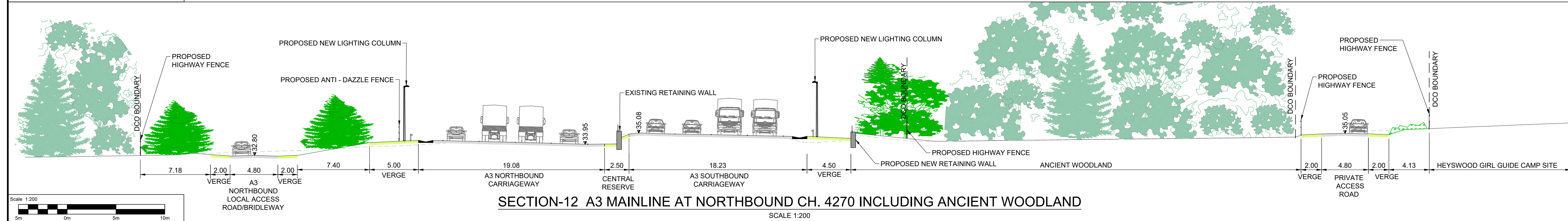
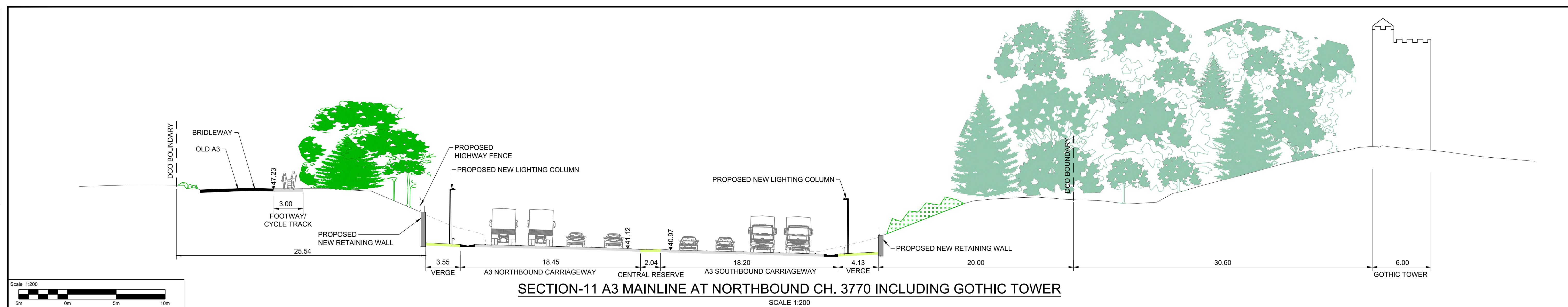
Description	In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A4	0	SA	NK	VA	CT	10/06/19
Description						
Response to ExA Question 1.10.1						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	1	PJH	LH	RM	ADK	18/12/19
Description						
SUBMITTED FOR DEADLINE 4						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	2	PJH	LH	RM	ADK	11/02/20

Drawing Suitability	APPROVED - PUBLISHED	Status	A1	Project Title	M25 junction 10/A3 Wisley interchange
				Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com	
Copyright © Atkins Limited (2018)		Working on behalf of		Drawing Title	
		TR010030/APP/2.9		CROSS SECTIONS REGULATION 5(2)(o) AND 6(2) SHEET 3 OF 5	
Client		Drawing Number		Rev.	
		2		2	
HE PIN: HE551522		Scale: AS SHOWN		Original Size: A1	

DO NOT SCALE

100
0 10
Millimetres



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THE LAND TAKE REQUIREMENTS FOR THE LOCAL ACCESS ROADS ARE DEPENDENT ON EARTHWORKS REQUIREMENTS.
 - EARTHWORKS REQUIREMENTS ARE PENDING DETAILED TOPOGRAPHICAL SURVEY.
 - ALL EARTHWORKS SLOPES TO BE 1(V):4(H) UNLESS OTHERWISE SHOWN.
 - SAFETY BARRIER TYPE SHOWN IS INDICATIVE AND SUBJECT TO DESIGN DEVELOPMENT.
 - VERGE WIDTHS SHOWN ARE MINIMUM. VERGE WIDTH SHALL BE INCREASED TO PROVIDE SIGHT DISTANCE WHERE REQUIRED.
 - STREET FURNITURE OMITTED FOR CLARITY REFER TO 'TYPICAL VERGE DETAILS' DRAWINGS.
 - VEGETATION SHOWN 15 YEARS AFTER OPENING.

KEY:

	PROPOSED TREE AND SHRUB PLANTING
	EXISTING VEGETATION
	EXISTING GROUND LEVEL
	MARGINAL AND EMERGENT VEGETATION
	PROPOSED OPEN GRASSLAND OR LOW VEGETATION
	LEVEL OF PROPOSED ROAD WORKS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Description	In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	SA	NK	VA	CT	10/06/19

Drawing Suitability: DCO APPLICATION
Status: A4

ATKINS
Epsom Gateway
Ashley Avenue
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Surrey
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Fax: +44 (0)1372 740055
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Client: Working on behalf of **highways england**

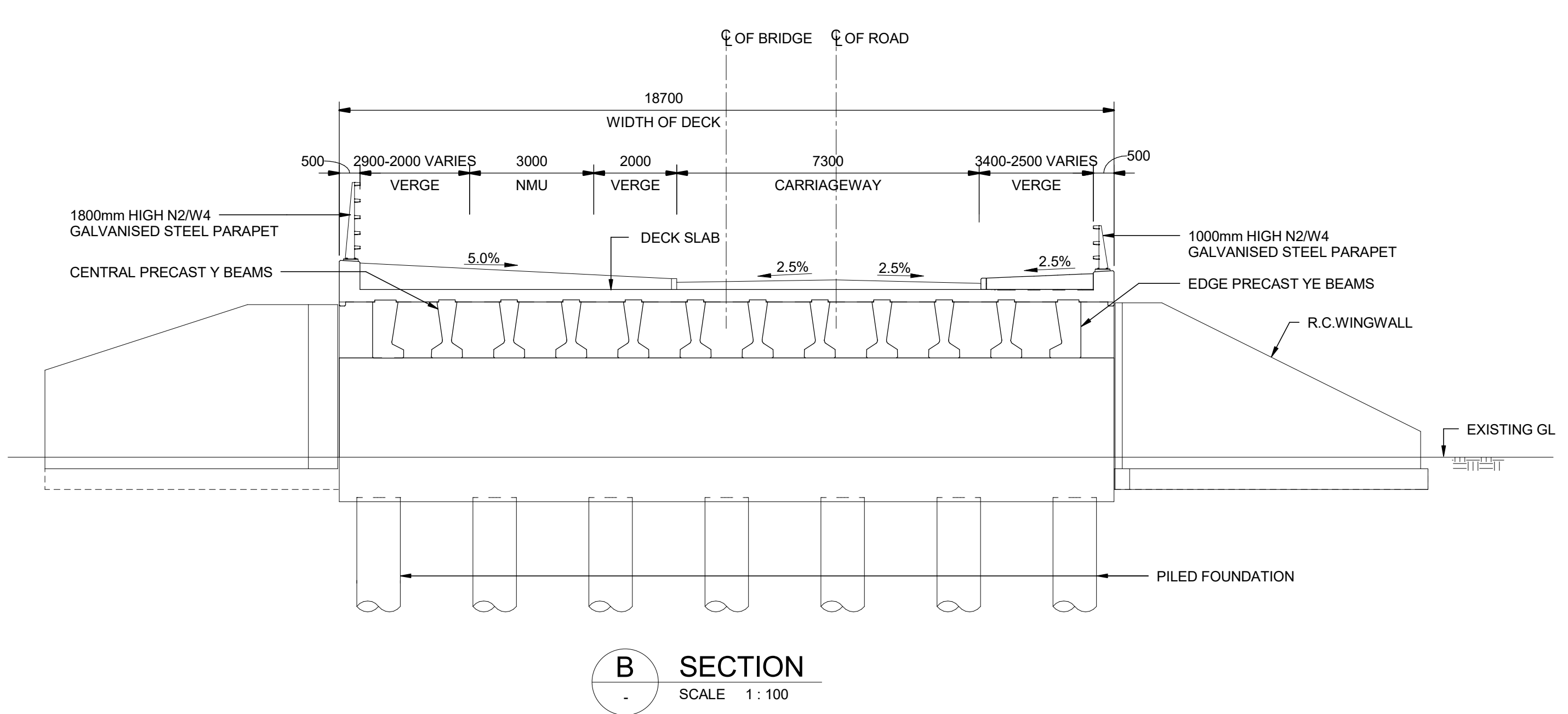
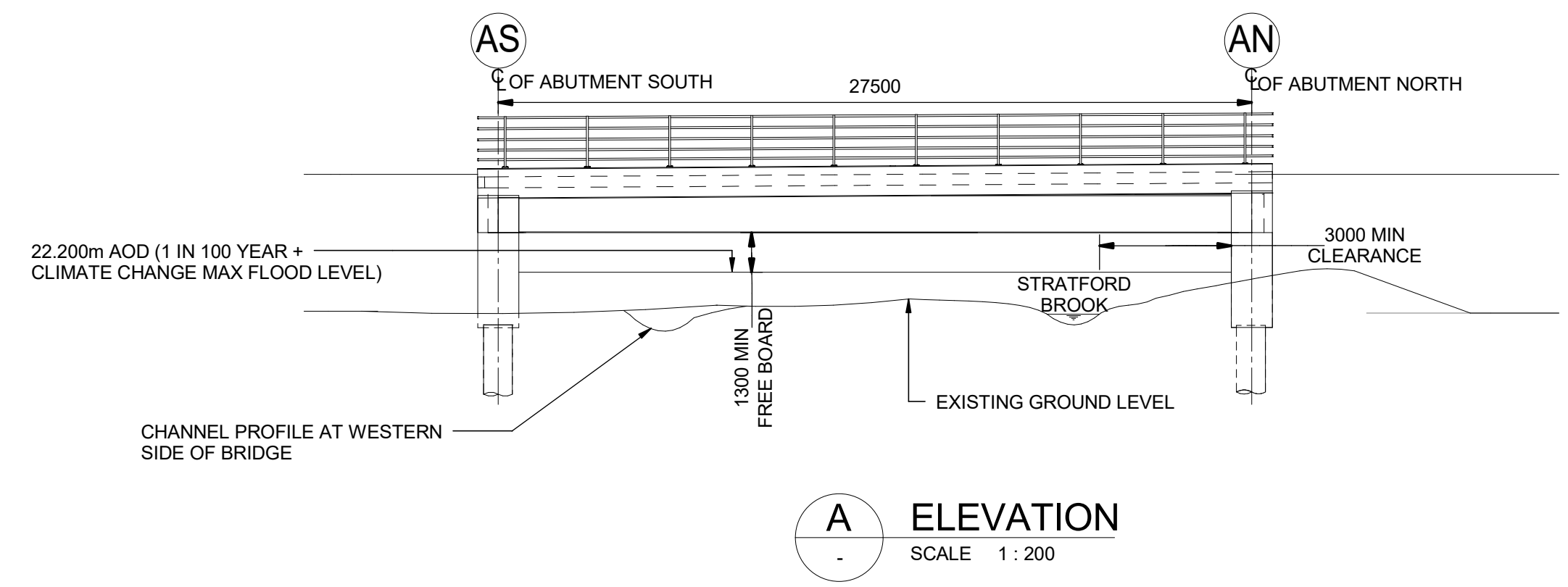
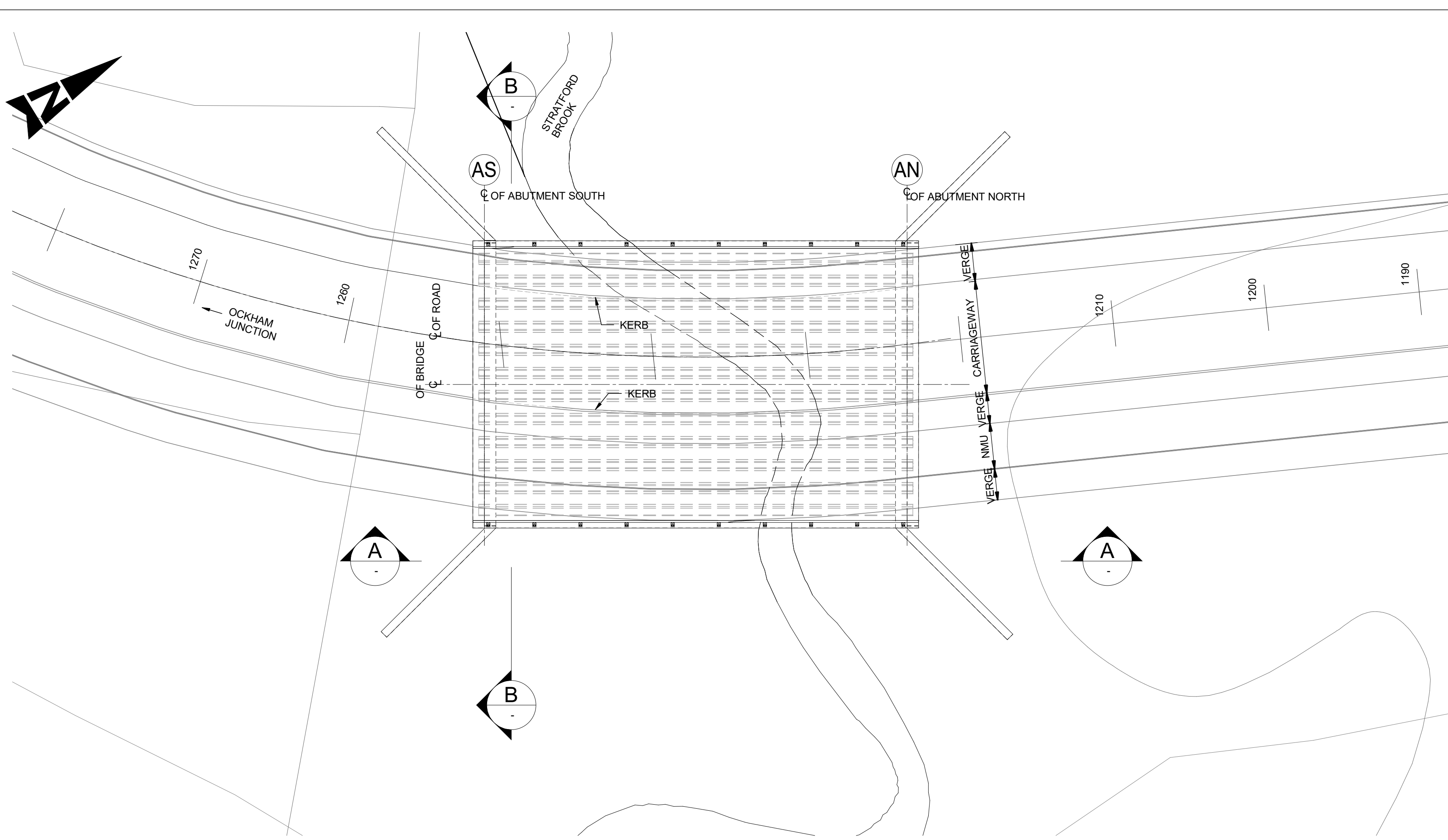
Project Title: M25 junction 10/A3 Wisley interchange
Drawing Title: CROSS SECTIONS REGULATION 5(2)(o) AND 6(2)
SHEET 4 OF 5

Drawing Number: TR010030/APP/2.9
Rev: 0

HE PIN: HE551522
Scale: AS SHOWN
Original Size: A1

DO NOT SCALE

Millimetres
0 10 100



1. ALL DIMENSIONS ARE IN MILLIMETRES; ALL LEVELS AND CHAINAGES ARE IN METRES UNLES NOTED OTHERWISE.
2. FULL LENGTH OF PILES NOT SHOWN.
3. DRAINAGE NOT SHOWN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

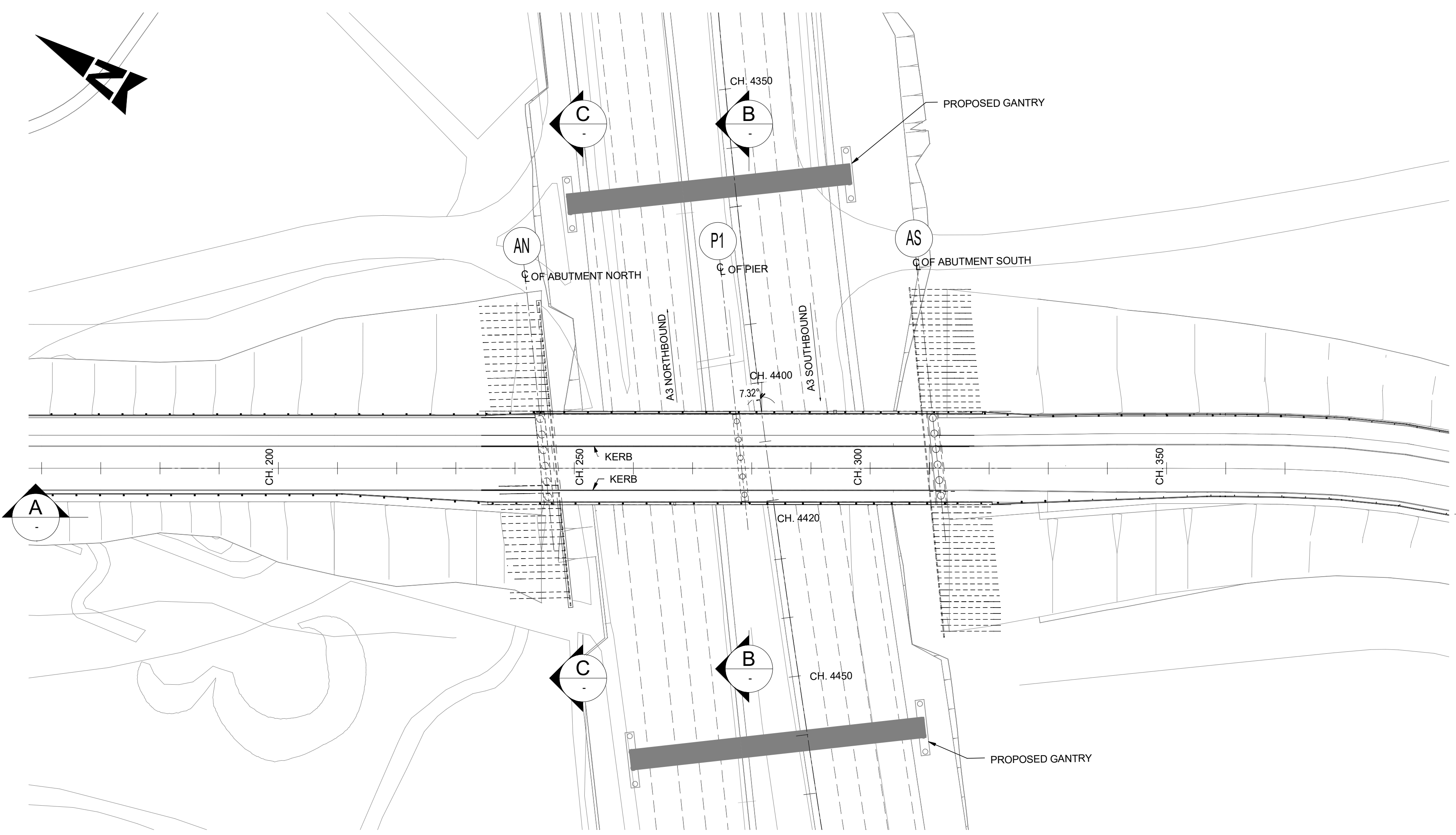
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction	NONE						
Maintenance / Cleaning	NONE						
Use	NONE						
Decommissioning / Demolition	NONE						
DCO APPLICATION	A4	0	SP	KP	RP	VA	06/06/19

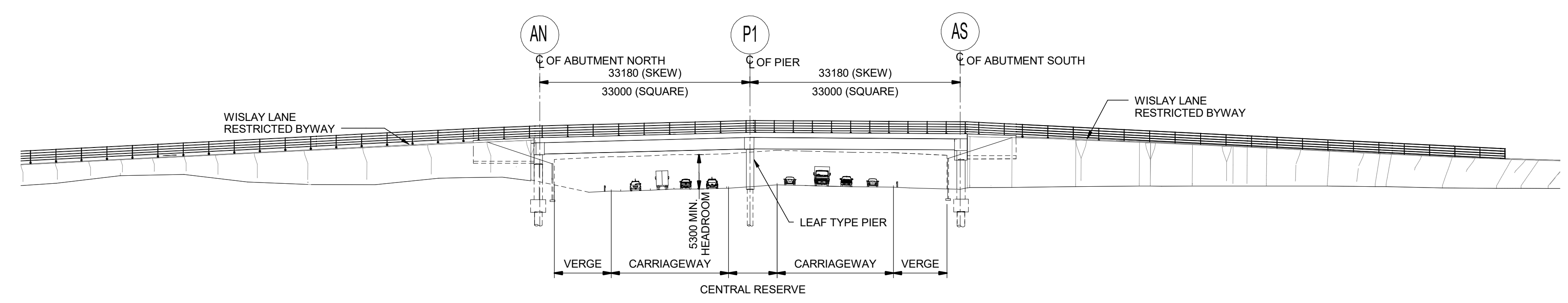
Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 Junction10/A3 Wisley Interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title STRUCTURE DETAILS STRATFORD BROOK UNDERBRIDGE REGULATIONS 5(2)(o) AND 6(2) SHEET 1 OF 7	
Copyright © Atkins Limited (2018)		Client		Drawing Number	
		Working on behalf of		TR010030/APP/2.9	
		Scale: As Shown		Original Size: A1	

DO NOT SCALE

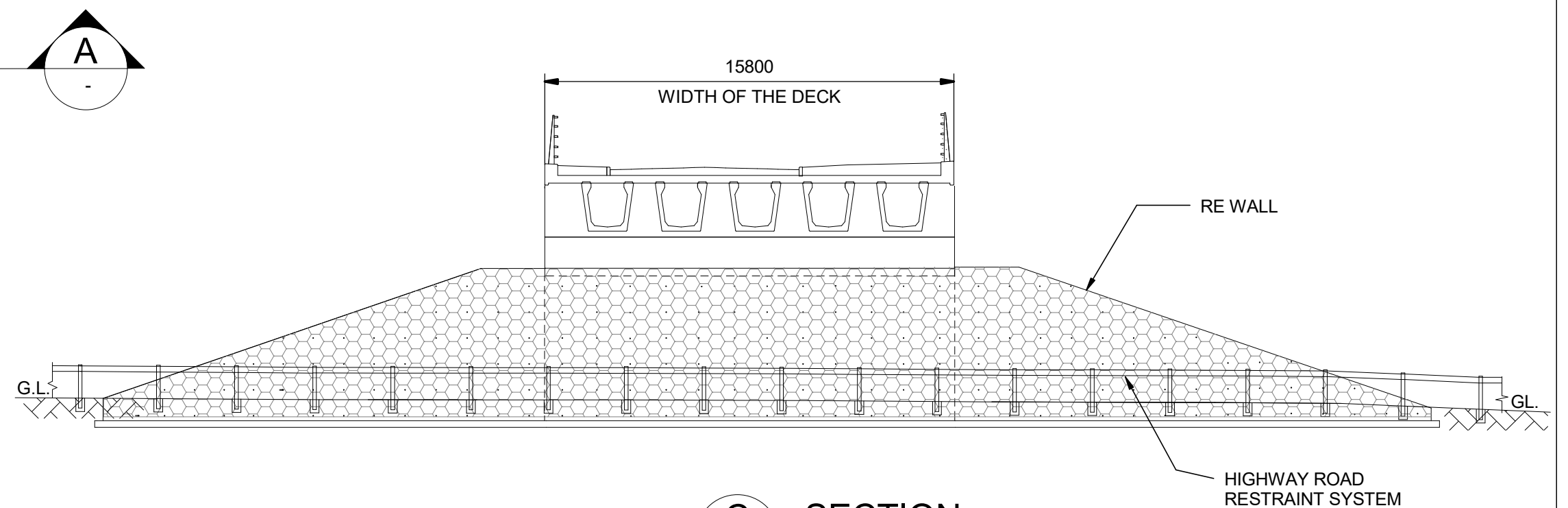
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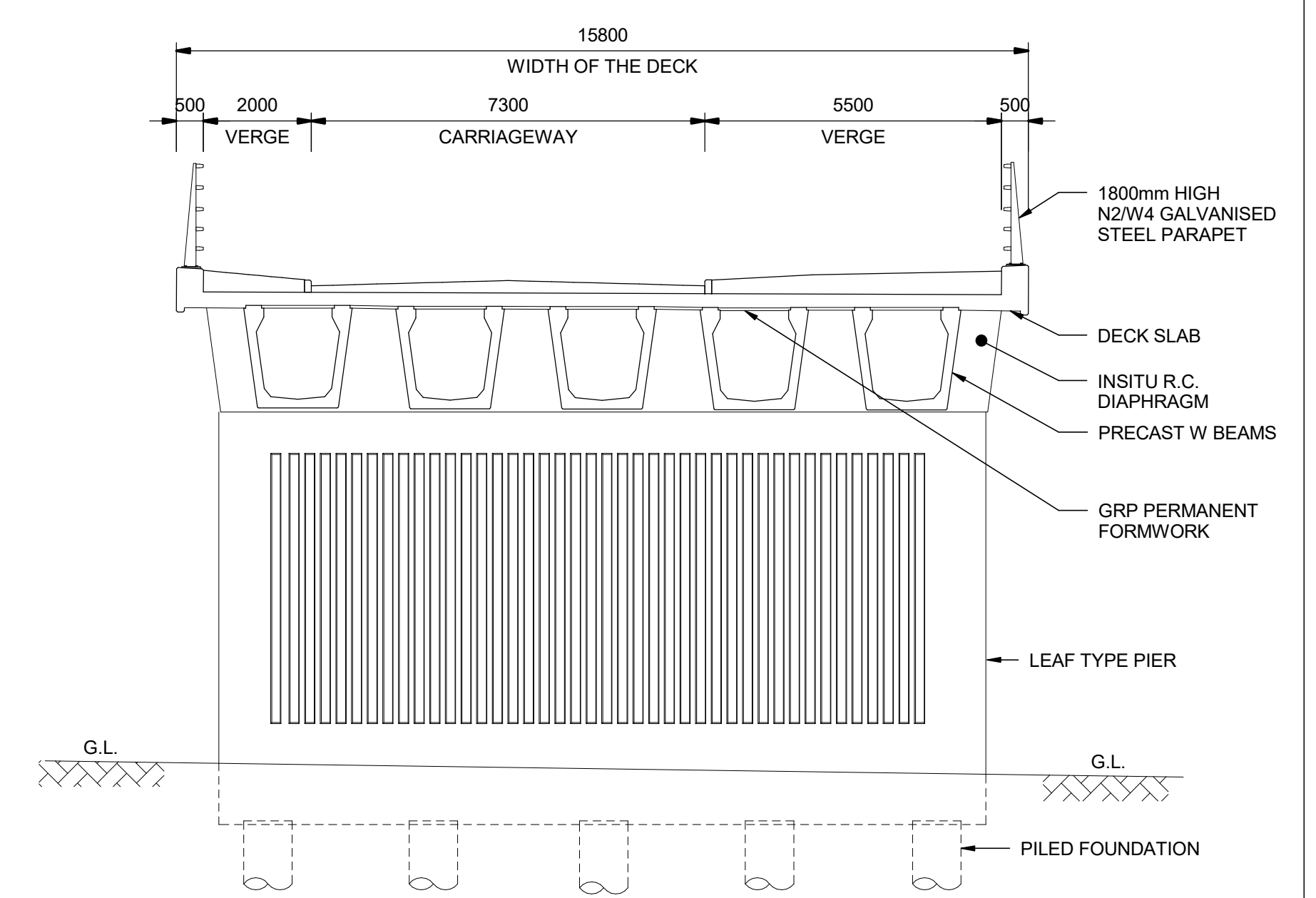
PLAN
SCALE 1:500



A ELEVATION
SCALE 1:500



C SECTION
SCALE 1:200



B SECTION
SCALE 1:100

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES; ALL CHAINAGES ARE IN METRES UNLESS NOTED OTHERWISE.
 2. FULL LENGTH OF PILES NOT SHOWN.
 3. DRAINAGE NOT SHOWN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

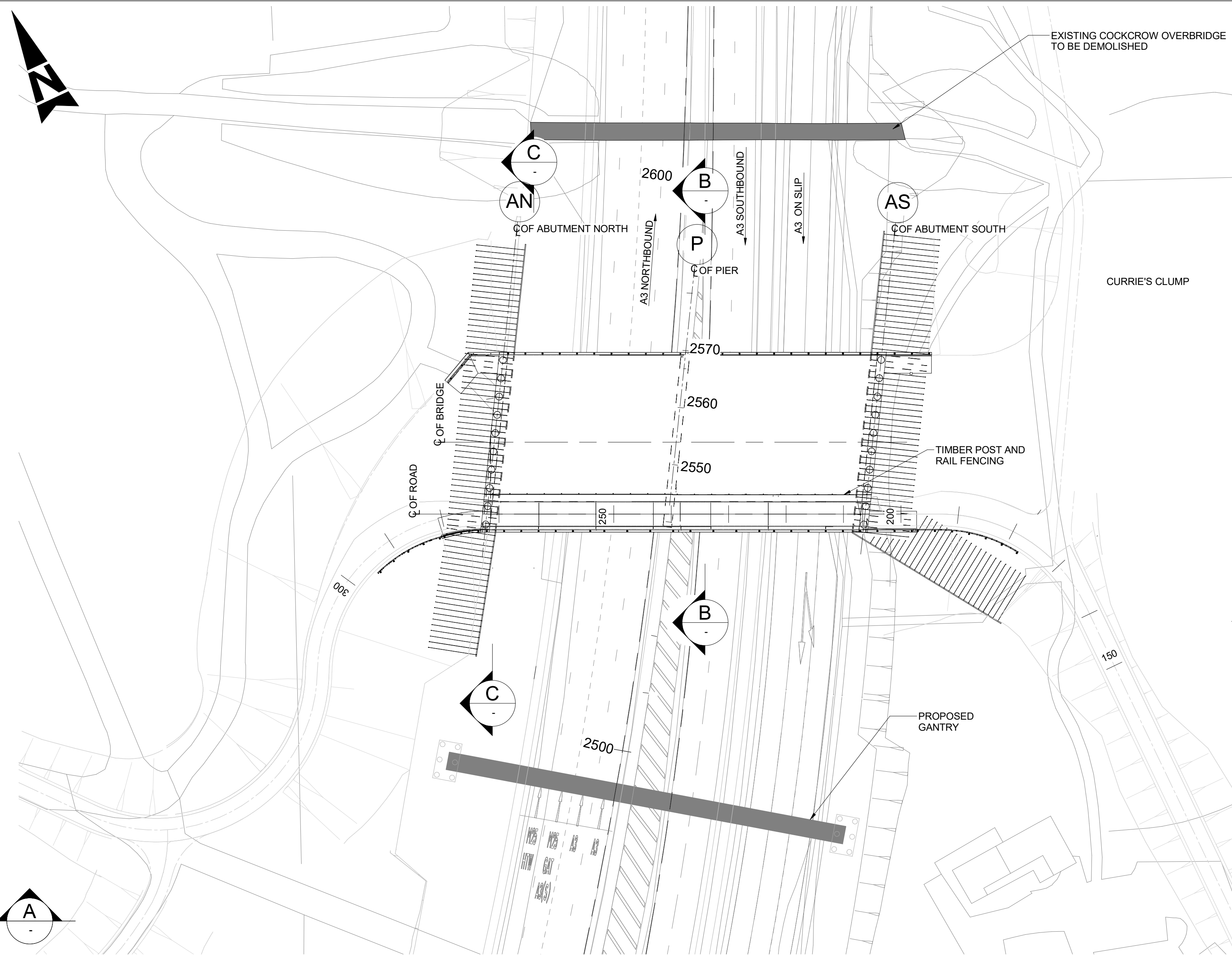
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction							
WORKING NEAR LIVE TRAFFIC							
Maintenance / Cleaning							
WORKING NEAR LIVE TRAFFIC							
Use							
NONE							
Decommissioning / Demolition							
NONE							

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	SP	KP	RP	VA	06/06/19

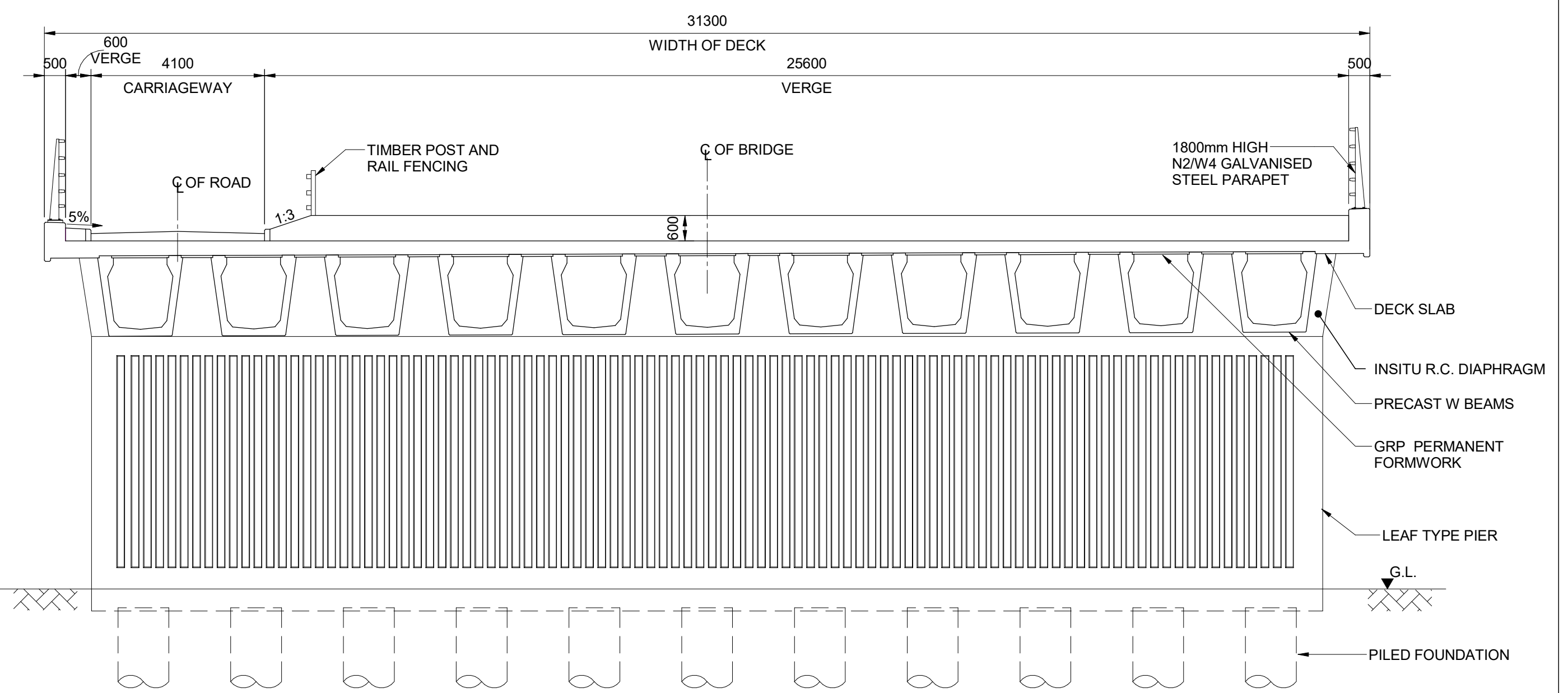
Drawing Suitability	Status	Project Title
DCO APPLICATION	A4	M25 Junction10/A3 Wisley Interchange
<p>Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL</p> <p>Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com</p>	Drawing Title	
Copyright © Atkins Limited (2018)		STRUCTURE DETAILS WISLEY LANE OVERBRIDGE REGULATIONS 5(2)(o) AND 6(2) SHEET 2 OF 7
Client	Working on behalf of	Drawing Number
		TR010030/APP/2.9
		Rev: 0
		Original Size: A1
	Scale: As Shown	HE PIN HE551522

DO NOT SCALE

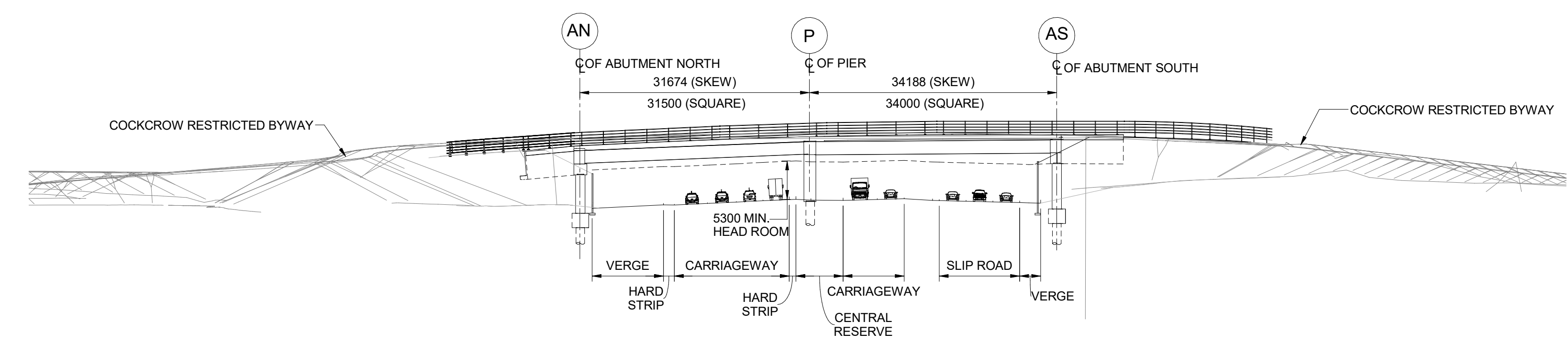
Millimetres
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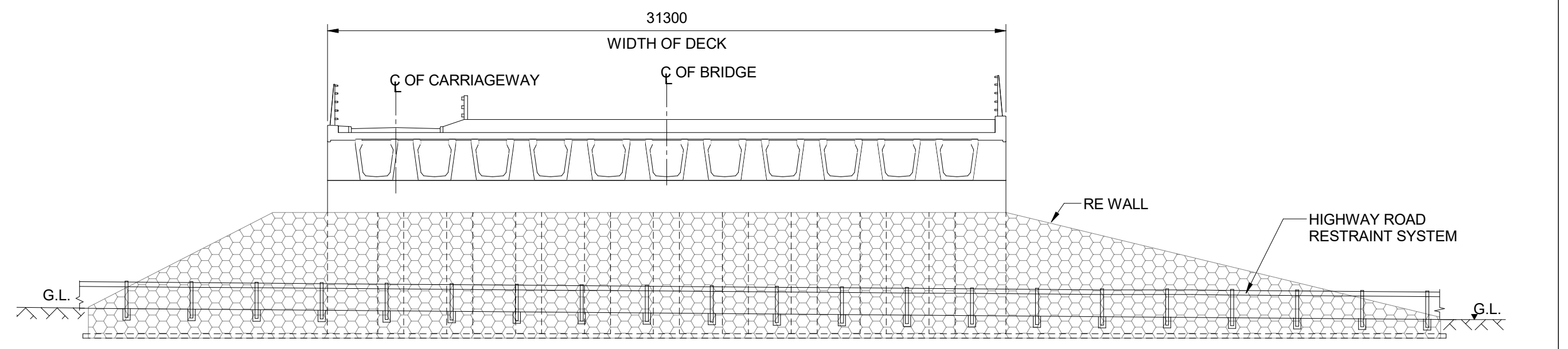
PLAN
SCALE 1 : 500



B SECTION
SCALE 1 : 100



A ELEVATION
SCALE 1 : 500



C SECTION
SCALE 1 : 200

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES; ALL CHAINAGES ARE IN METRES UNLESS NOTED OTHERWISE.
 - FULL LENGTH OF PILES NOT SHOWN.
 - DRAINAGE NOT SHOWN
 - FOR LEVELS REFER TO LONGITUDINAL SECTION DRAWING HE551522-ATK-LDC-A3_ML_LS-DR-ZL-021114.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

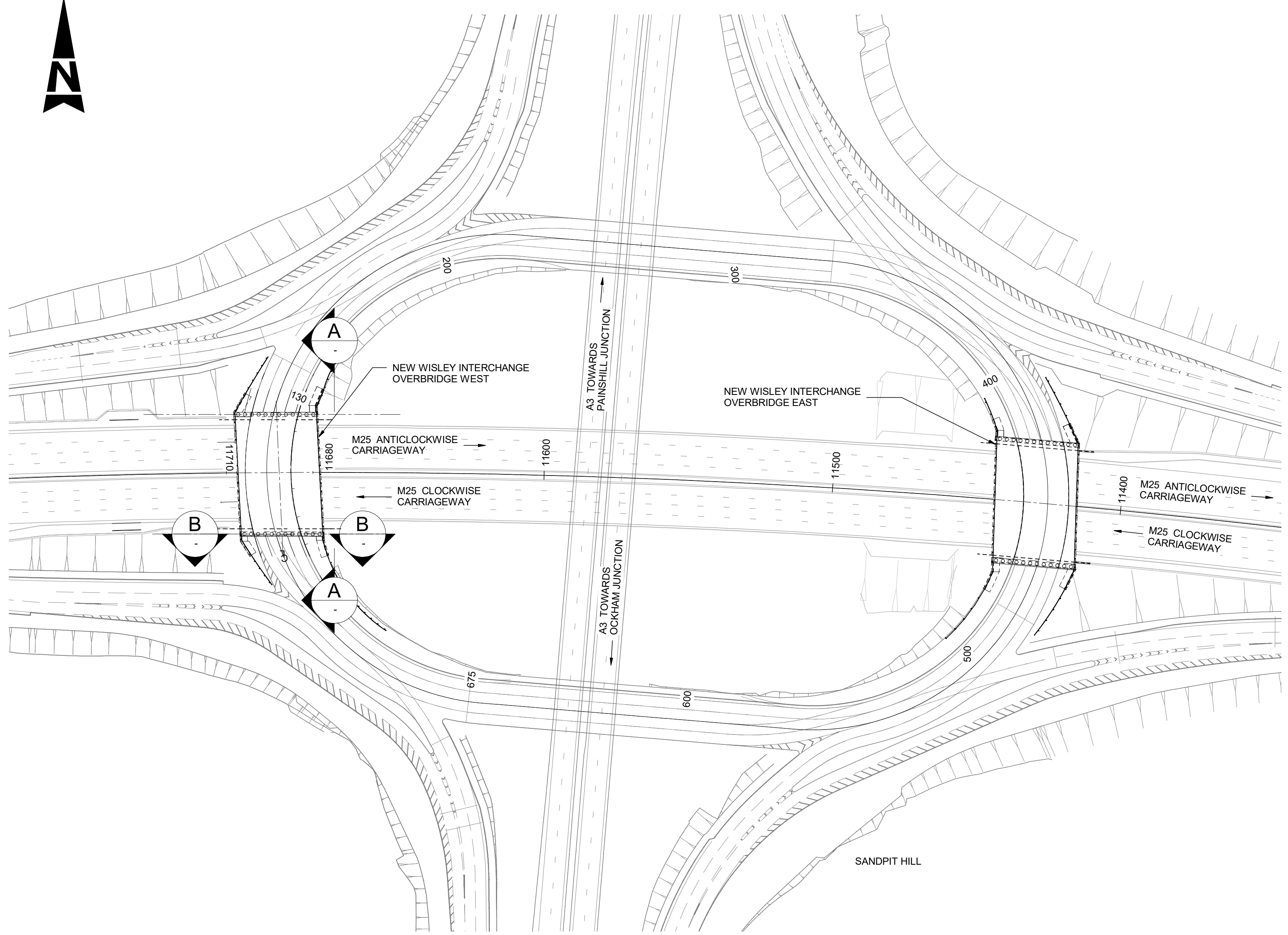
Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction WORKING NEAR LIVE TRAFFIC							
Maintenance / Cleaning WORKING NEAR LIVE TRAFFIC							
Use NONE							
Decommissioning / Demolition NONE							

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Application Issue	A4	0	SP	KP	RP	VA	06/06/2019
Submitted for Deadline 4	A4	1	KE	KP	RP	VA	15/01/2020

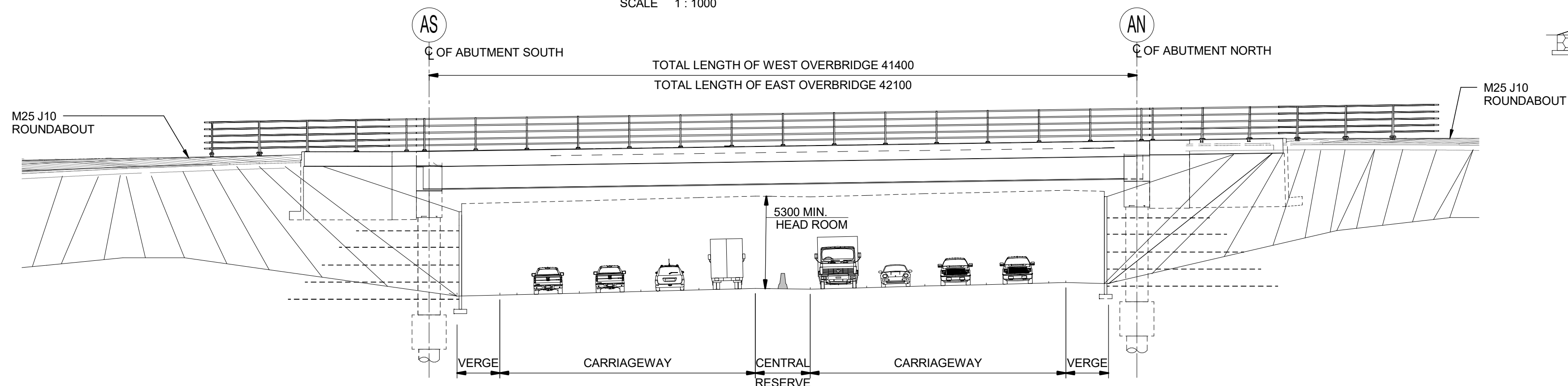
Drawing Suitability DCO APPLICATION	Status A4	Project Title M25 Junction10/A3 Wisley Interchange
<p>Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL</p> <p>Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com</p>	Drawing Title STRUCTURE DETAILS COCKCROW OVERBRIDGE REGULATIONS 5(2)(o) AND 6(2) SHEET 3 OF 7	
Copyright © Atkins Limited (2018)	Client Working on behalf of 	Drawing Number TR010030/APP/2.9
	Original Size: A1	Scale: As Shown

DO NOT SCALE

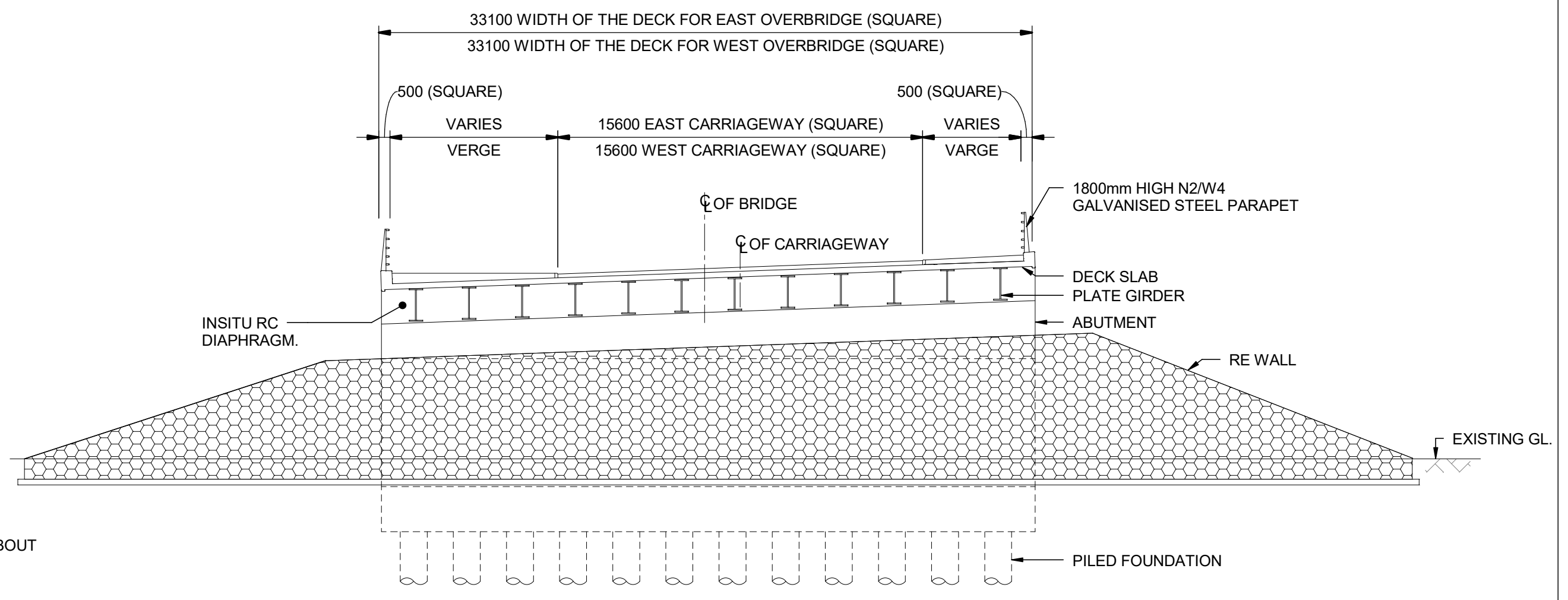
Millimetres
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PLAN
SCALE 1 : 1000



A ELEVATION
SCALE 1 : 200



B SECTION
SCALE 1 : 200

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES; ALL CHAINAGES ARE IN METRES UNLESS NOTED OTHERWISE.
 2. FULL LENGTH OF PILES NOT SHOWN.
 3. DRAINAGE NOT SHOWN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction							
WORKING NEAR LIVE TRAFFIC							
Maintenance / Cleaning							
WORKING NEAR LIVE TRAFFIC							
Use							
NONE							
Decommissioning / Demolition							
NONE							

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	SP	KP	RP	VA	06/06/19

Drawing Suitability: **DCO APPLICATION**

Status: **A4**

Client: **Working on behalf of highways england**

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Project Title: **M25 Junction10/A3 Wisley Interchange**

Drawing Title: **STRUCTURE DETAILS
NEW JUNCTION 10 BRIDGES
REGULATIONS 5(2)(o) AND 6(2)
SHEET 4 OF 7**

Drawing Number: **TR010030/APP/2.9**

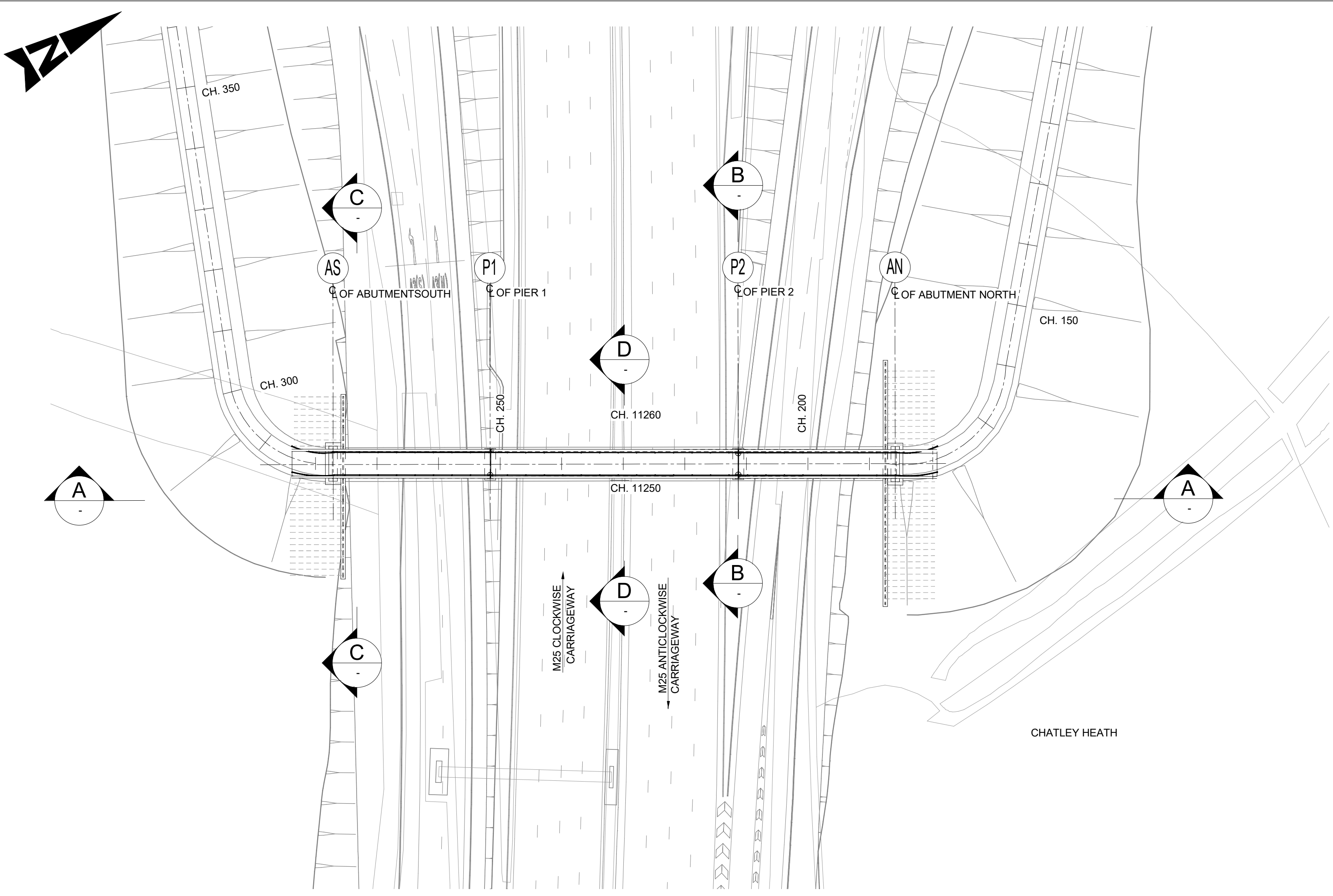
Rev: **0**

HE PIN: HE551522 | Scale: As Shown | Original Size: **A1**

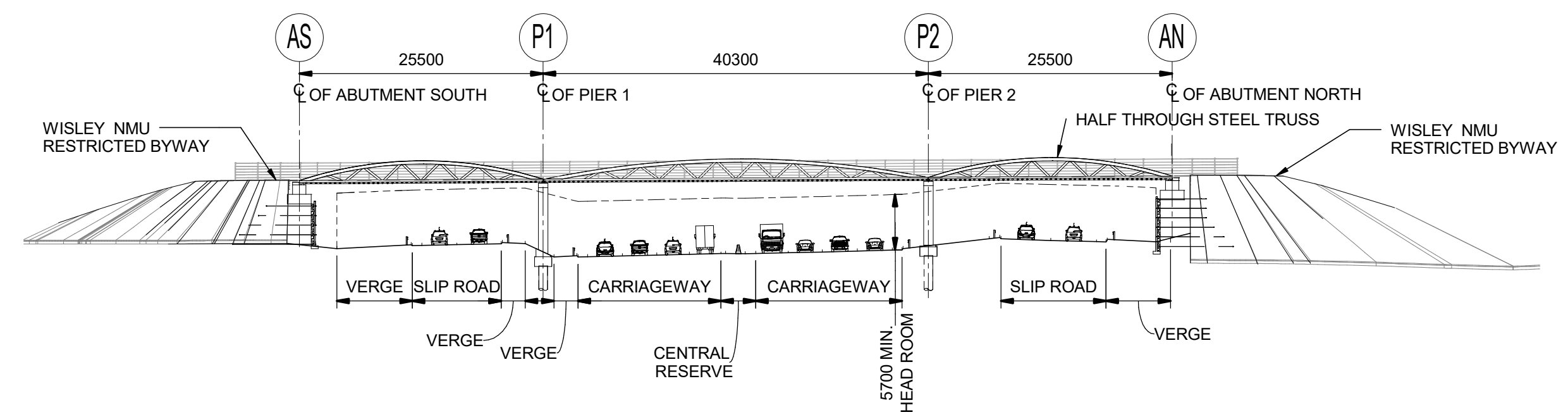
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Millimetres

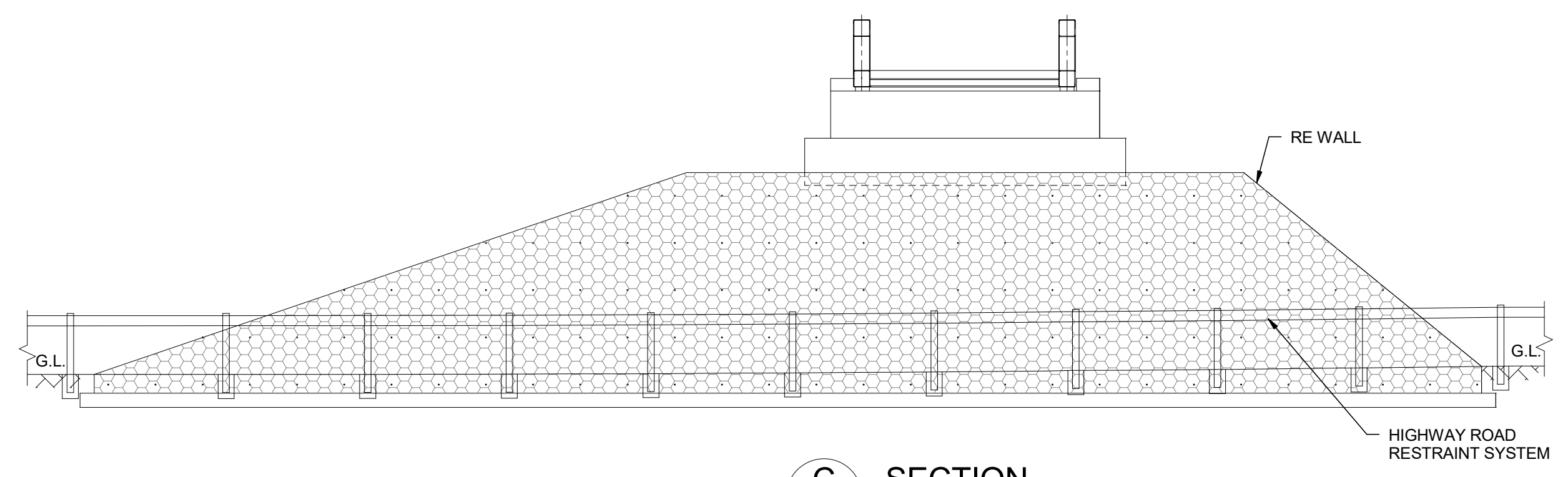
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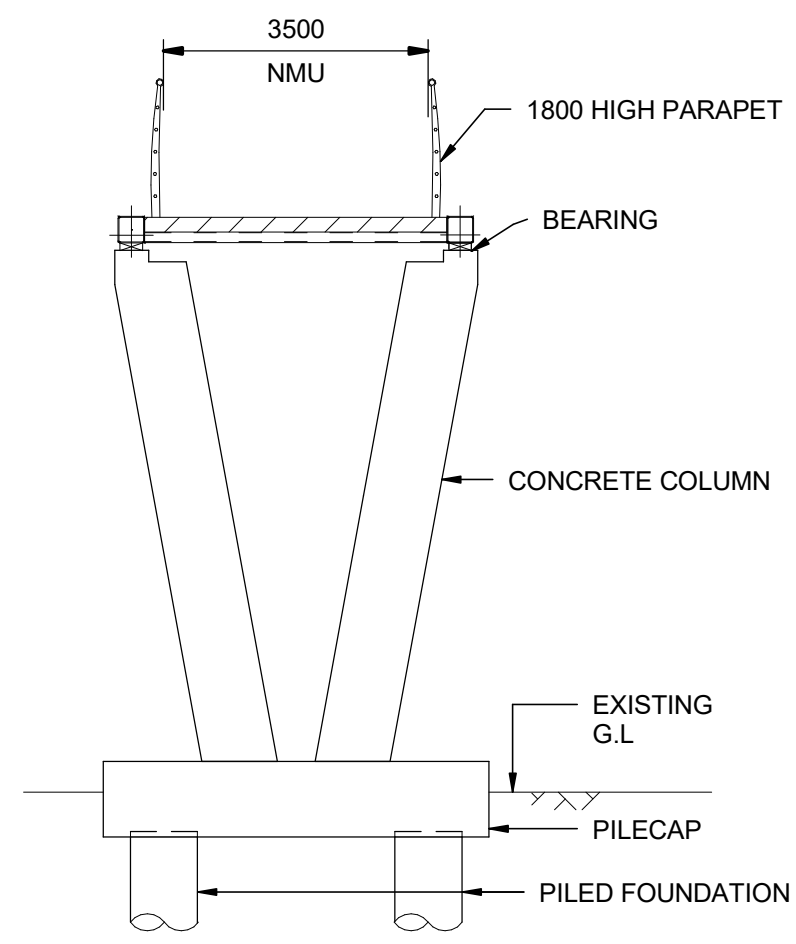
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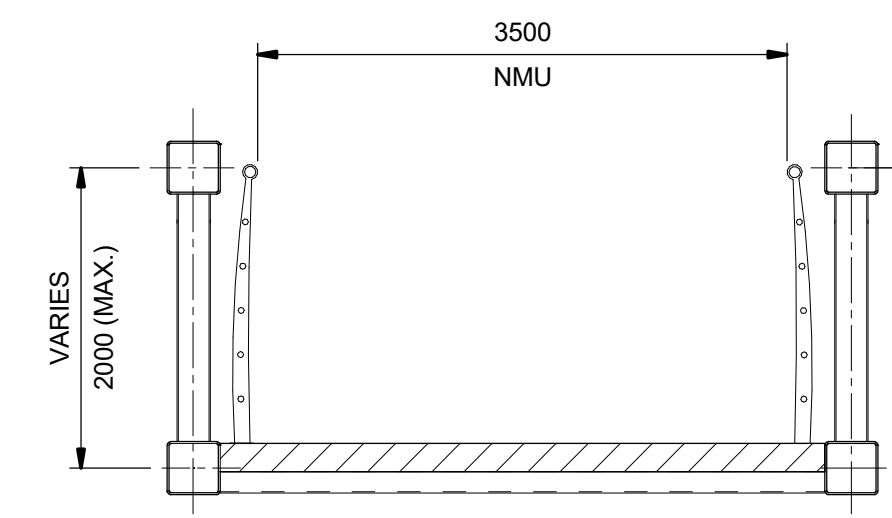
A ELEVATION
SCALE 1 : 500



C SECTION
SCALE 1 : 100



B SECTION
SCALE 1 : 100



D SECTION
SCALE 1 : 50

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES; ALL CHAINAGES ARE IN METRES UNLESS NOTED OTHERWISE.
2. FULL LENGTH OF PILES NOT SHOWN.
3. DRAINAGE NOT SHOWN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	WORKING NEAR LIVE TRAFFIC
Maintenance / Cleaning	WORKING NEAR LIVE TRAFFIC
Use	NONE
Decommissioning / Demolition	NONE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	SP	KP	RP	VA	06/06/19

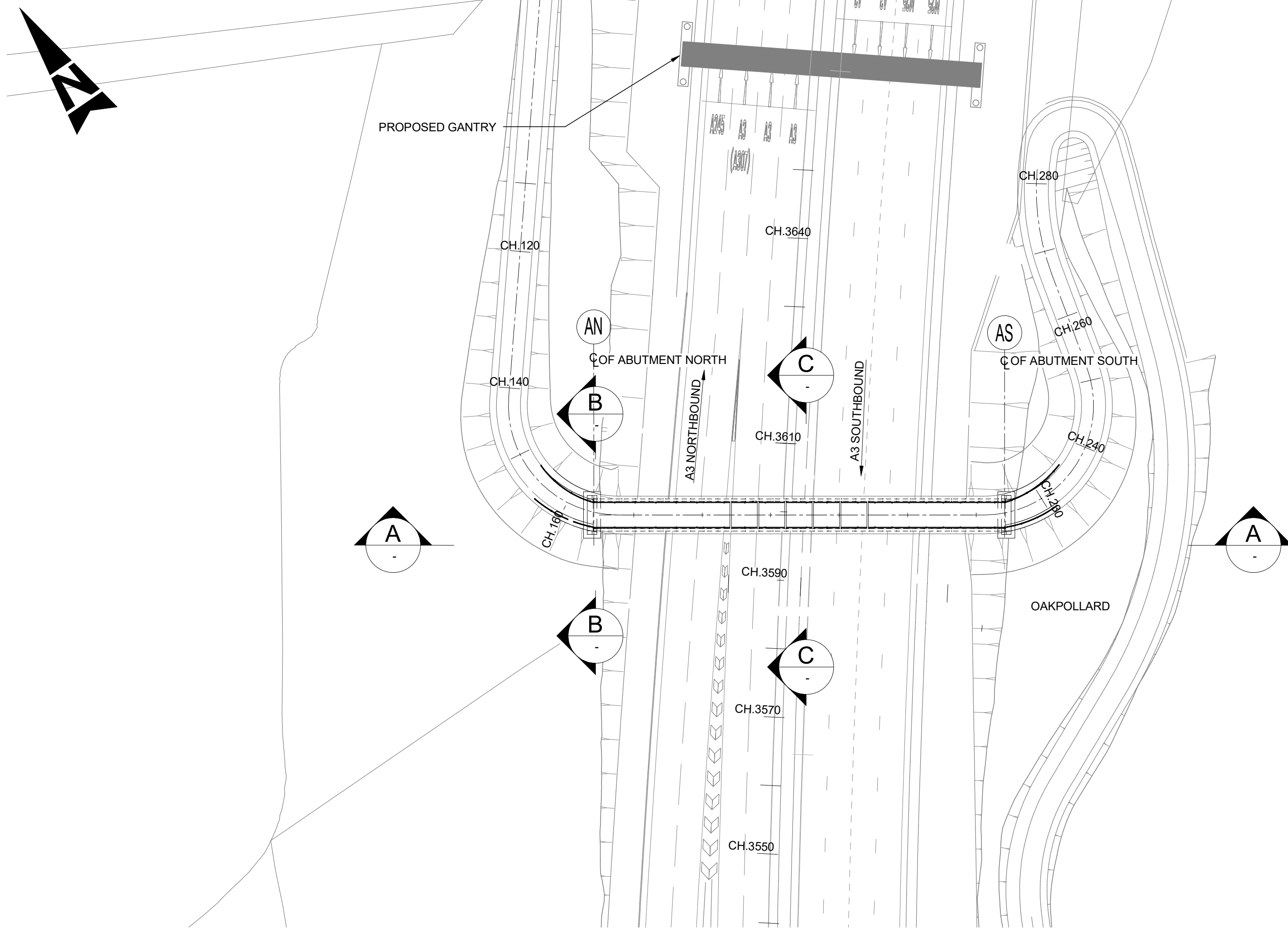
Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 Junction10/A3 Wisley Interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title STRUCTURE DETAILS SANDPIT HILL OVERBRIDGE REGULATIONS 5(2)(o) AND 6(2) SHEET 5 OF 7	
Copyright © Atkins Limited (2018)		Client	Working on behalf of	Drawing Number	TR010030/APP/2.9
				Rev:	0
		HE PIN: HE551522	Scale: As Shown	Original Size:	A1

DO NOT SCALE

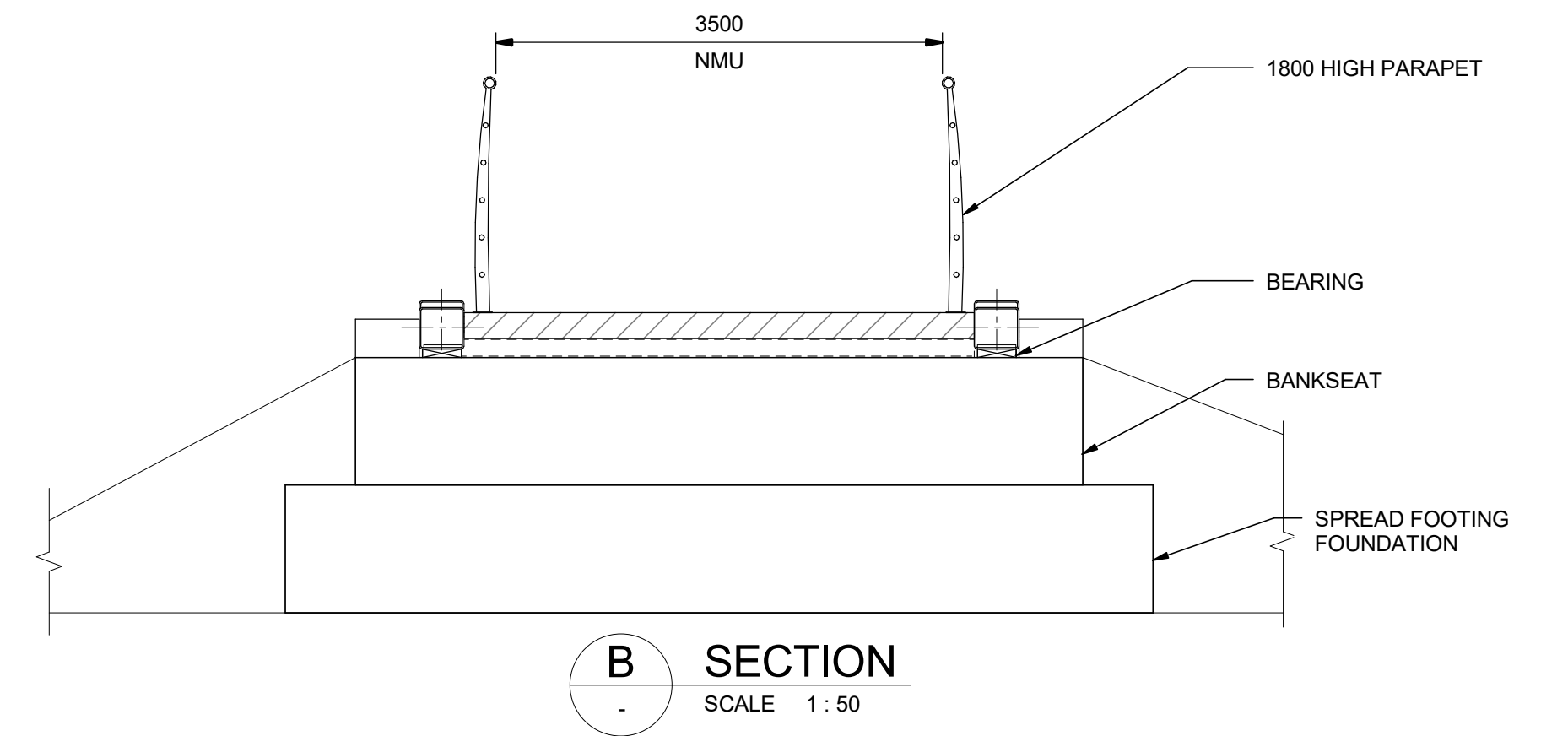
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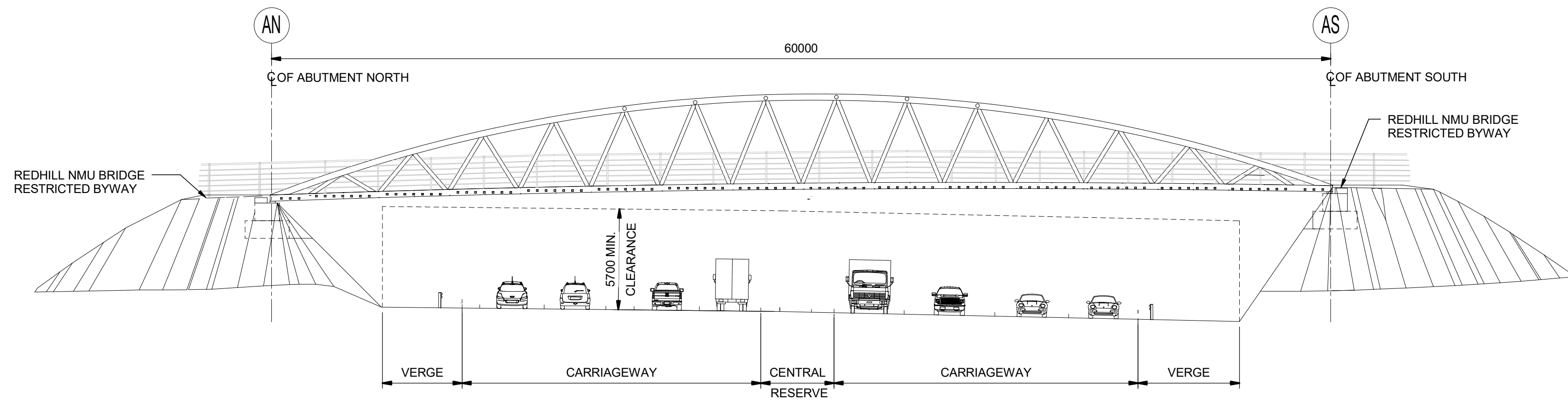
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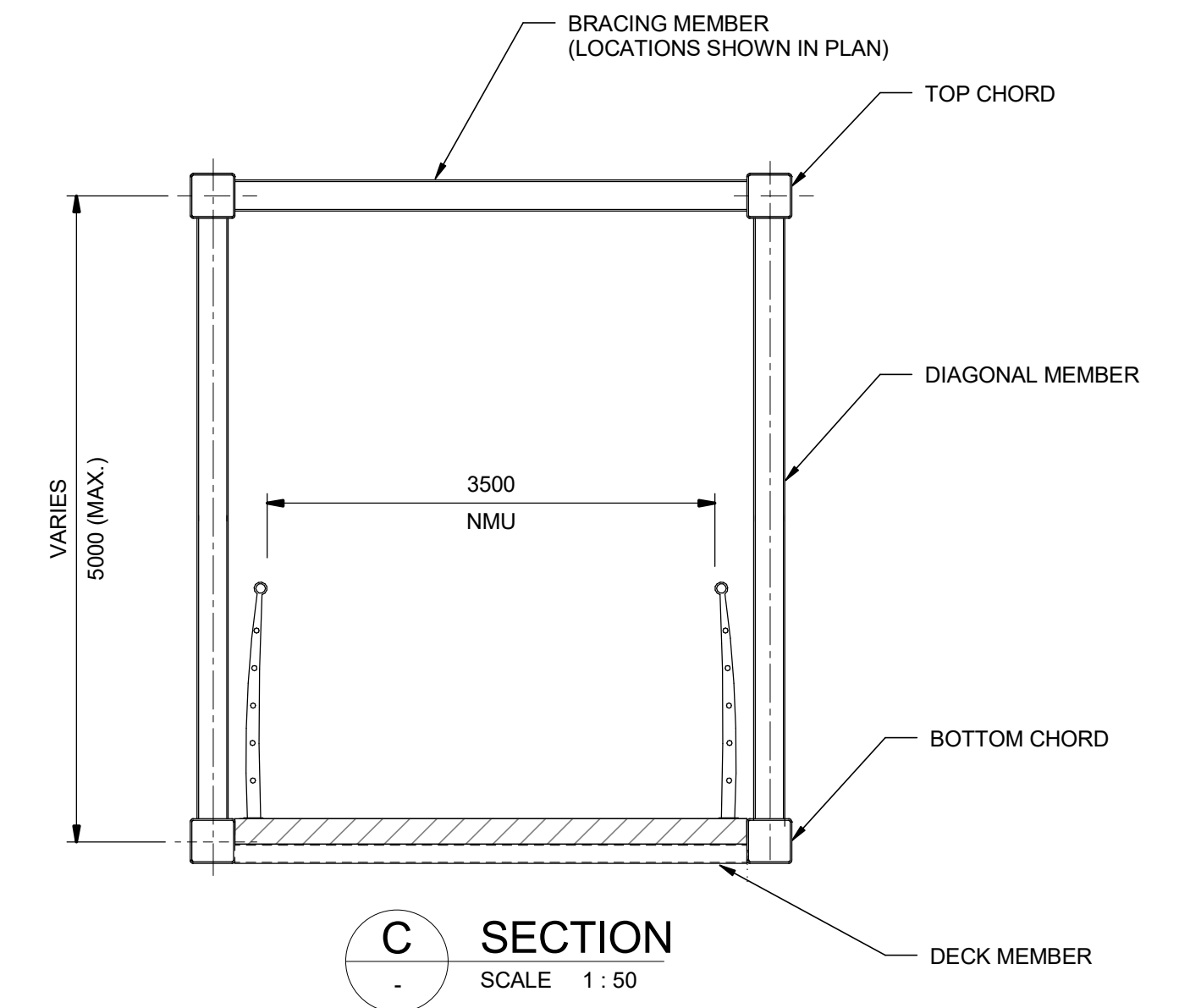
PLAN
SCALE 1 : 500



B SECTION
SCALE 1 : 50



A ELEVATION
SCALE 1 : 200



C SECTION
SCALE 1 : 50

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES; ALL CHAINAGES ARE IN METRES UNLESS NOTED OTHERWISE.
2. FULL LENGTH OF PILES NOT SHOWN.
3. DRAINAGE NOT SHOWN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
WORKING NEAR LIVE TRAFFIC

Maintenance / Cleaning
WORKING NEAR LIVE TRAFFIC

Use
NONE

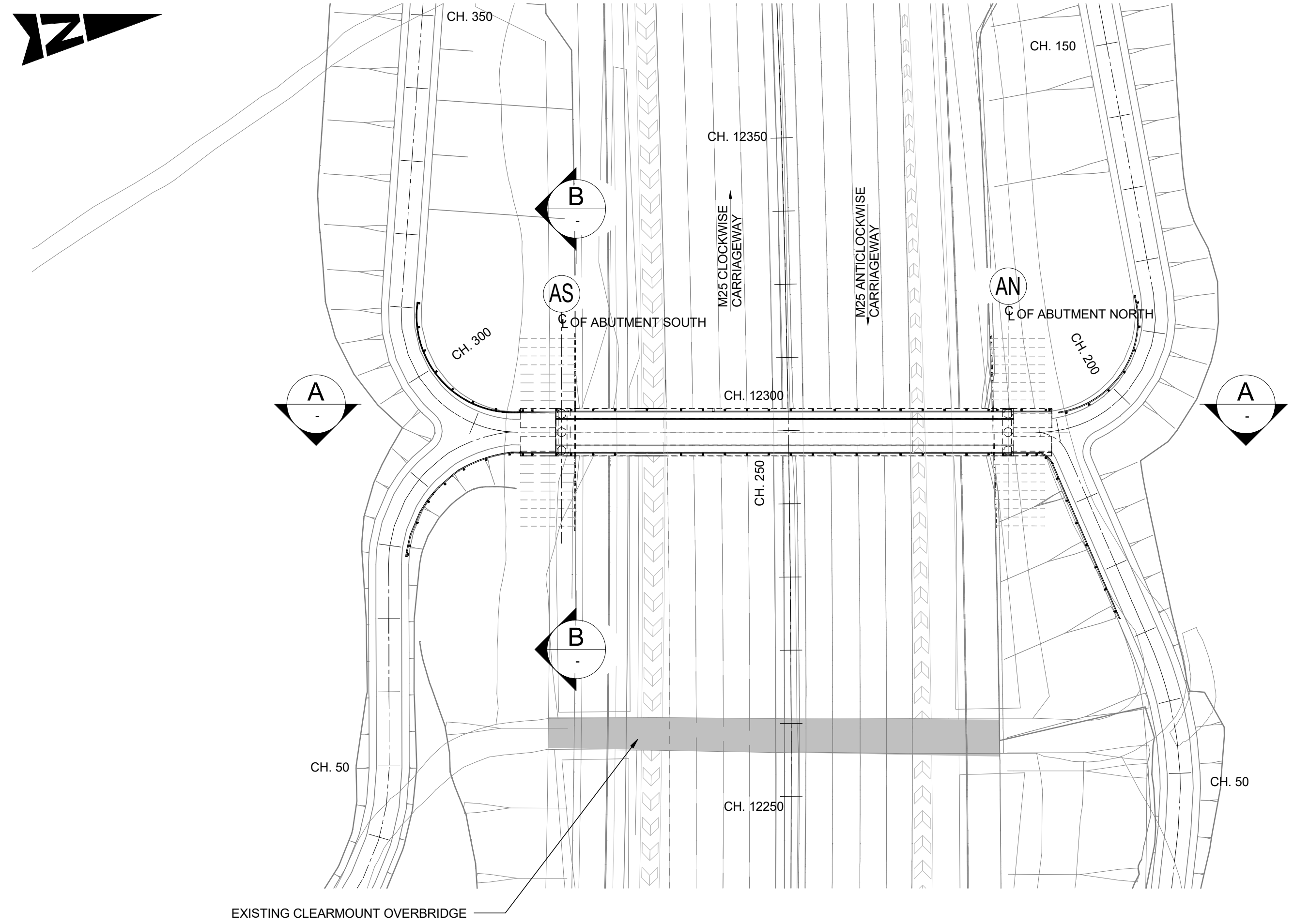
Decommissioning / Demolition
NONE

Description	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION						
	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Construction							
WORKING NEAR LIVE TRAFFIC							
Maintenance / Cleaning							
WORKING NEAR LIVE TRAFFIC							
Use							
NONE							
Decommissioning / Demolition							
NONE							

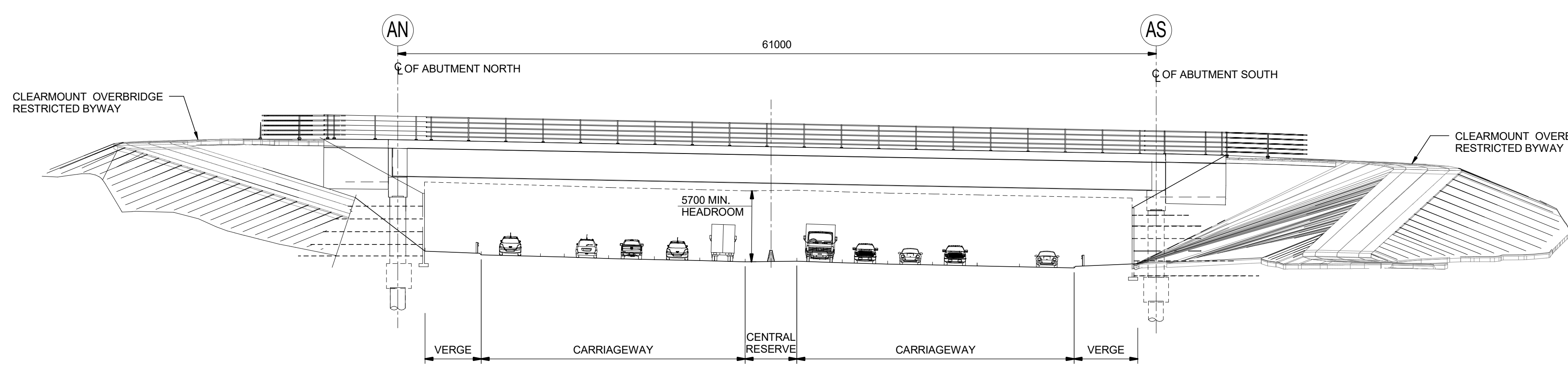
Drawing Suitability	DCO APPLICATION	Status	A4	Project Title	M25 Junction10/A3 Wisley Interchange
		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title STRUCTURE DETAILS REDHILL OVERBRIDGE REGULATIONS 5(2)(o) AND 6(2) SHEET 6 OF 7	
Client	Working on behalf of 	Drawing Number	TR010030/APP/2.9	Rev:	0
Copyright © Atkins Limited (2018)		HE PIN: HE551522	Scale: As Shown	Original Size:	A1

DO NOT SCALE

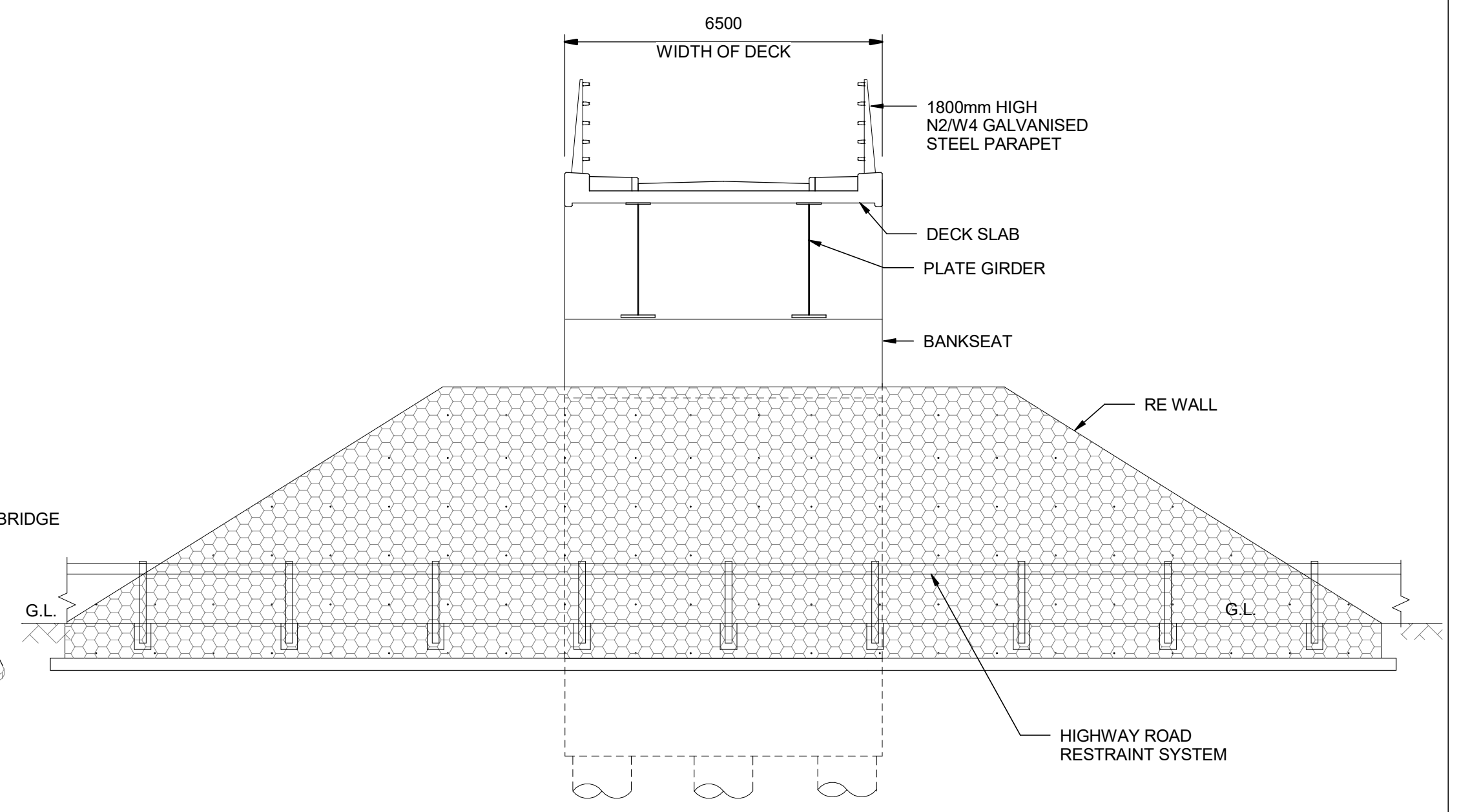
Millimetres
0 10 100



PLAN
SCALE 1 : 500



A ELEVATION
SCALE 1 : 250



B SECTION
SCALE 1 : 100

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES; ALL CHAINAGES ARE IN METRES UNLESS NOTED OTHERWISE.
 - FULL LENGTH OF PILES NOT SHOWN.
 - DRAINAGE NOT SHOWN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
Description	In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).
Construction	WORKING NEAR LIVE TRAFFIC
Maintenance / Cleaning	WORKING NEAR LIVE TRAFFIC
Use	NONE
Decommissioning / Demolition	NONE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	SP	KP	RP	VA	06/06/19

Drawing Suitability: **DCO APPLICATION**

Status: **A4**

Client: **Working on behalf of highways england**

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Project Title: **M25 Junction10/A3 Wisley Interchange**

Drawing Title: **STRUCTURE DETAILS CLEARMOUNT OVERBRIDGE REGULATIONS 5(2)(o) AND 6(2) SHEET 7 OF 7**

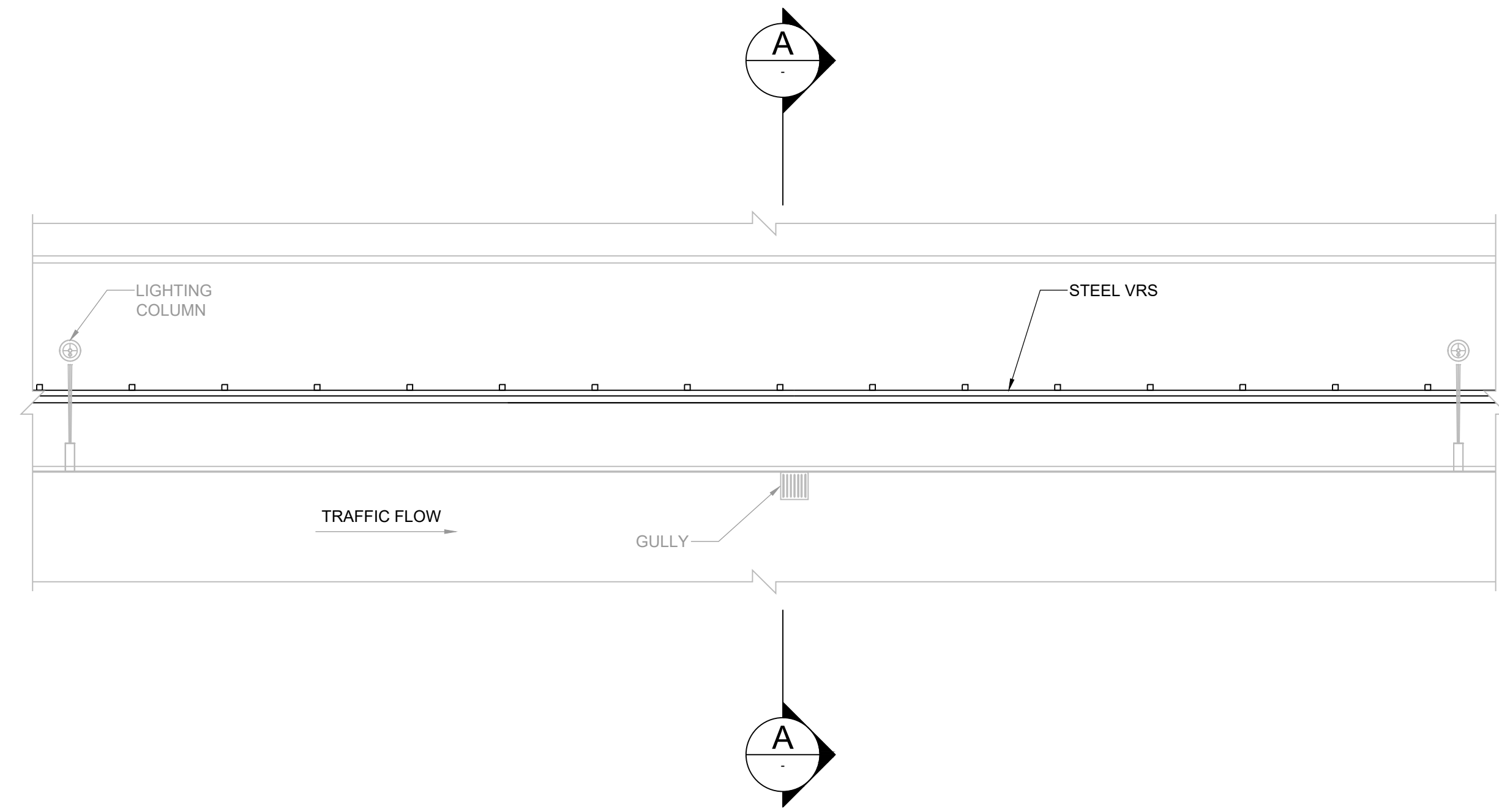
Drawing Number: **TR010030/APP/2.9**

Original Size: **A1**

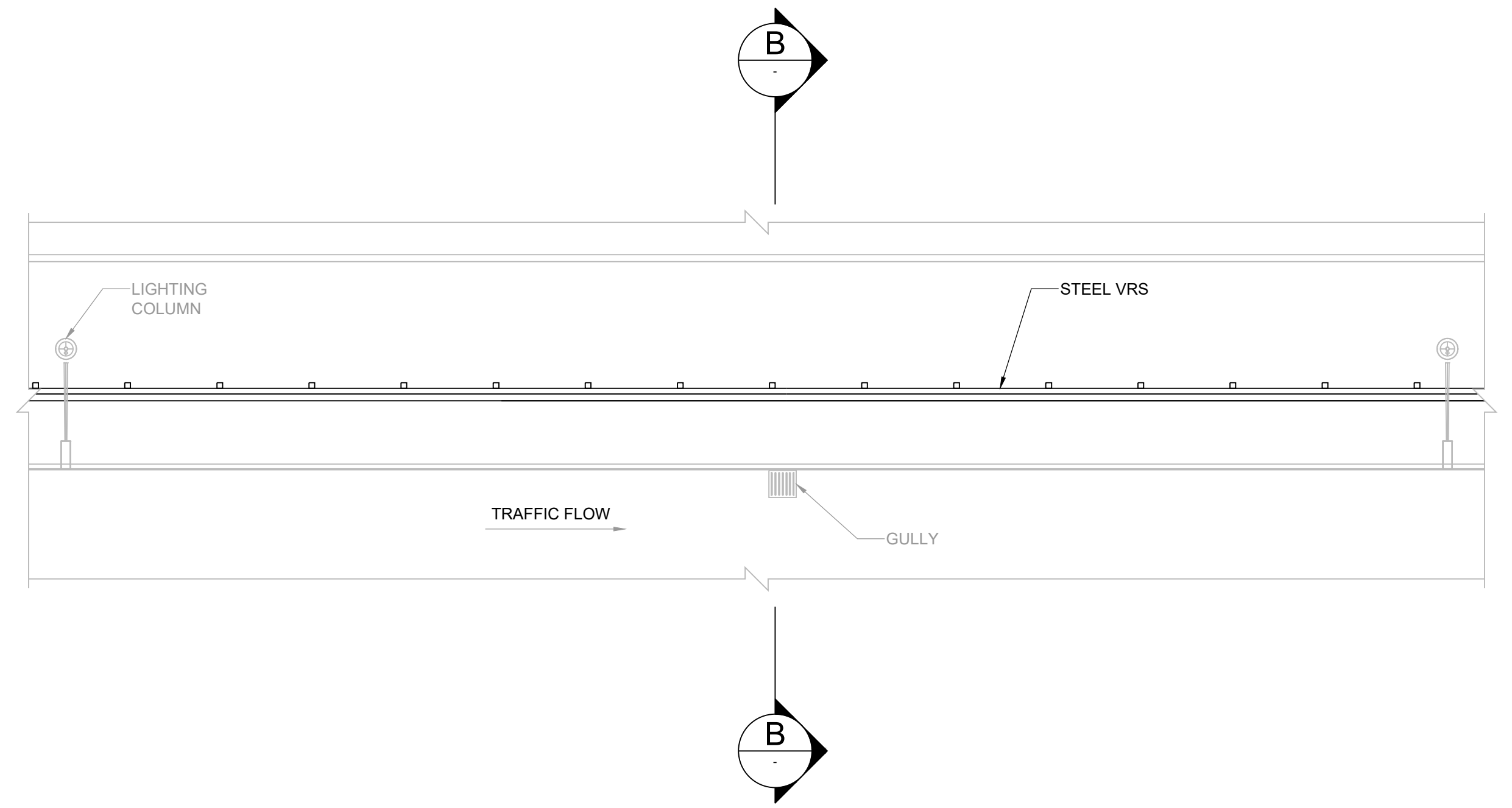
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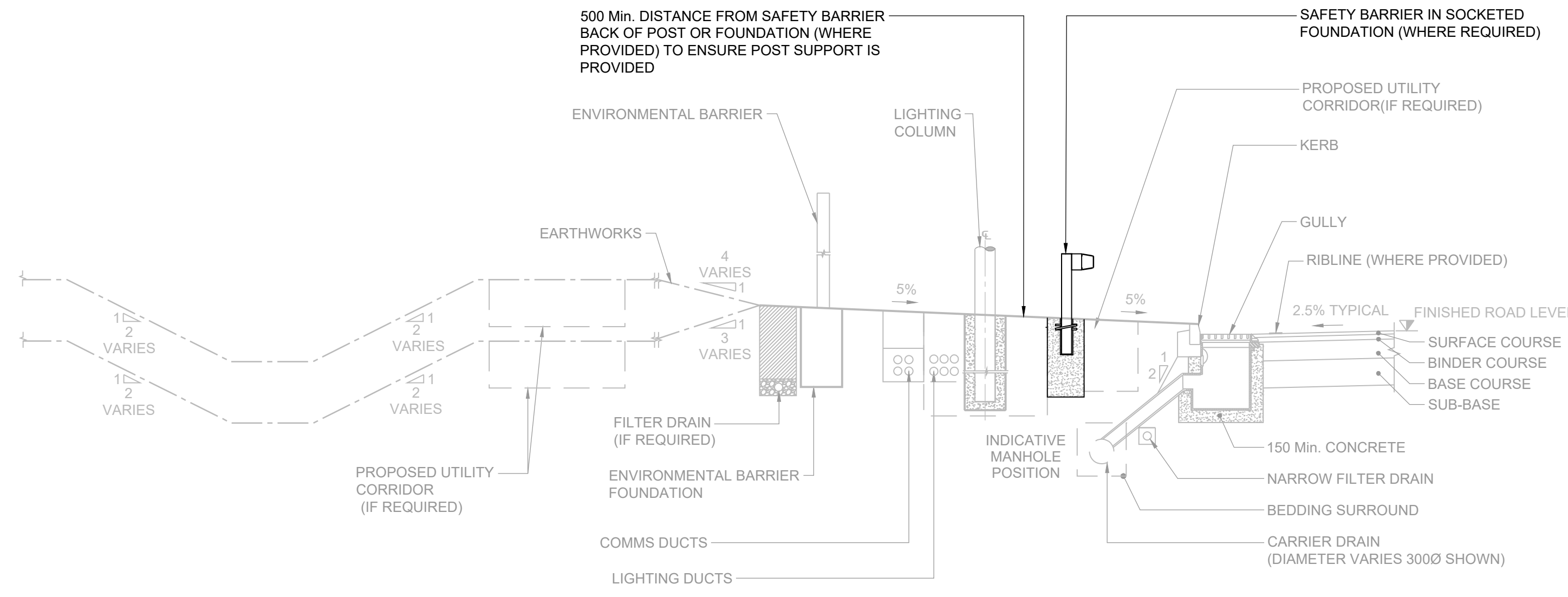
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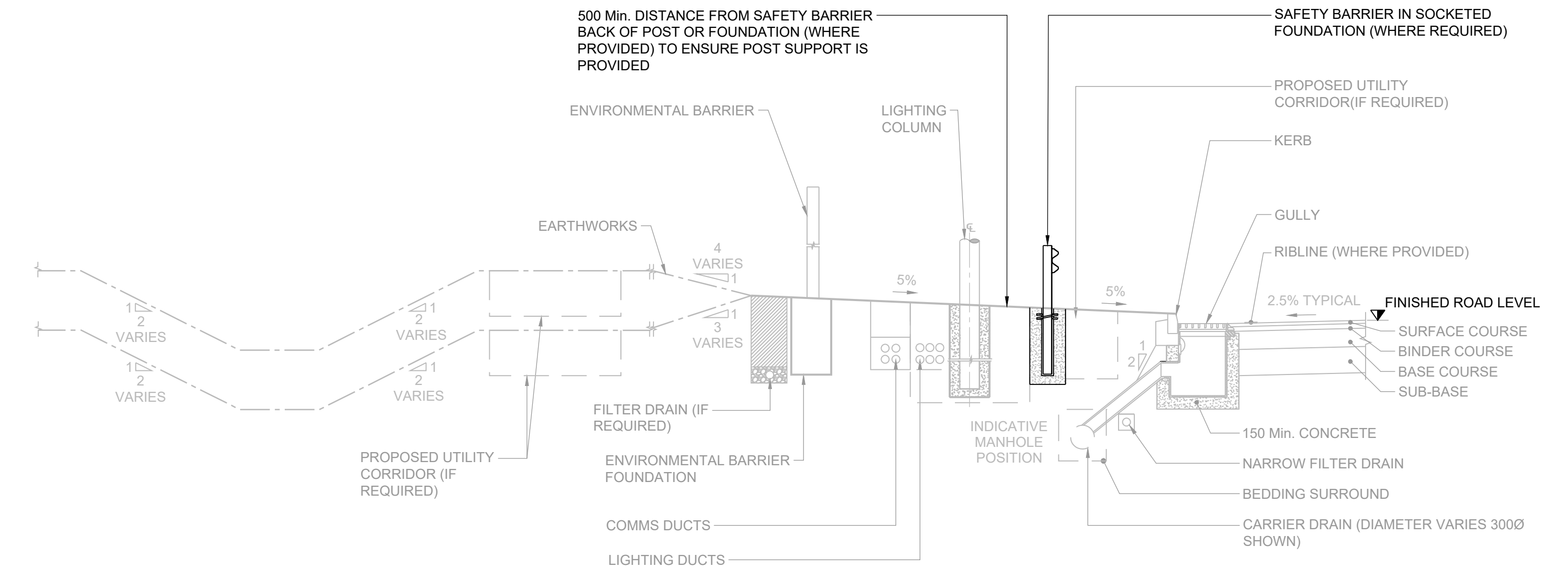
PLAN ON VERGE STEEL BOX BEAM
SCALE 1:100



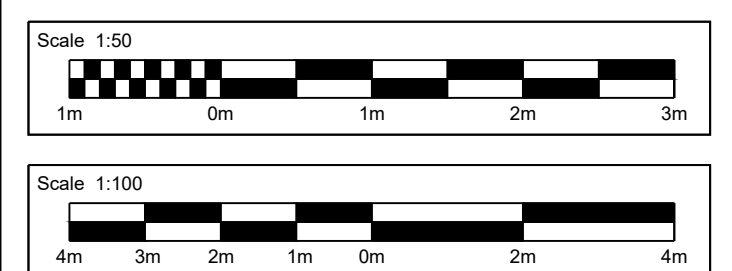
PLAN ON VERGE CORRUGATED BEAM
SCALE 1:100



SECTION A-A VERGE DETAILS WITH STEEL BOX BEAM
SCALE 1:50



SECTION B-B VERGE DETAILS CORRUGATED BEAM
SCALE 1:50



- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - FOR SETBACK DETAILS AND WORKING WIDTH, REFER TO DMRB TD27/05 VOLUME 6, SECTION 1 PART 2 AND BS EN 1317-2:2010.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION							
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).							
Construction NONE							
Maintenance / Cleaning NONE							
Use NONE							
Decommissioning / Demolition NONE							
Description DCO APPLICATION							
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
A4	0	DD	LH	RM	VA	07/08/19	

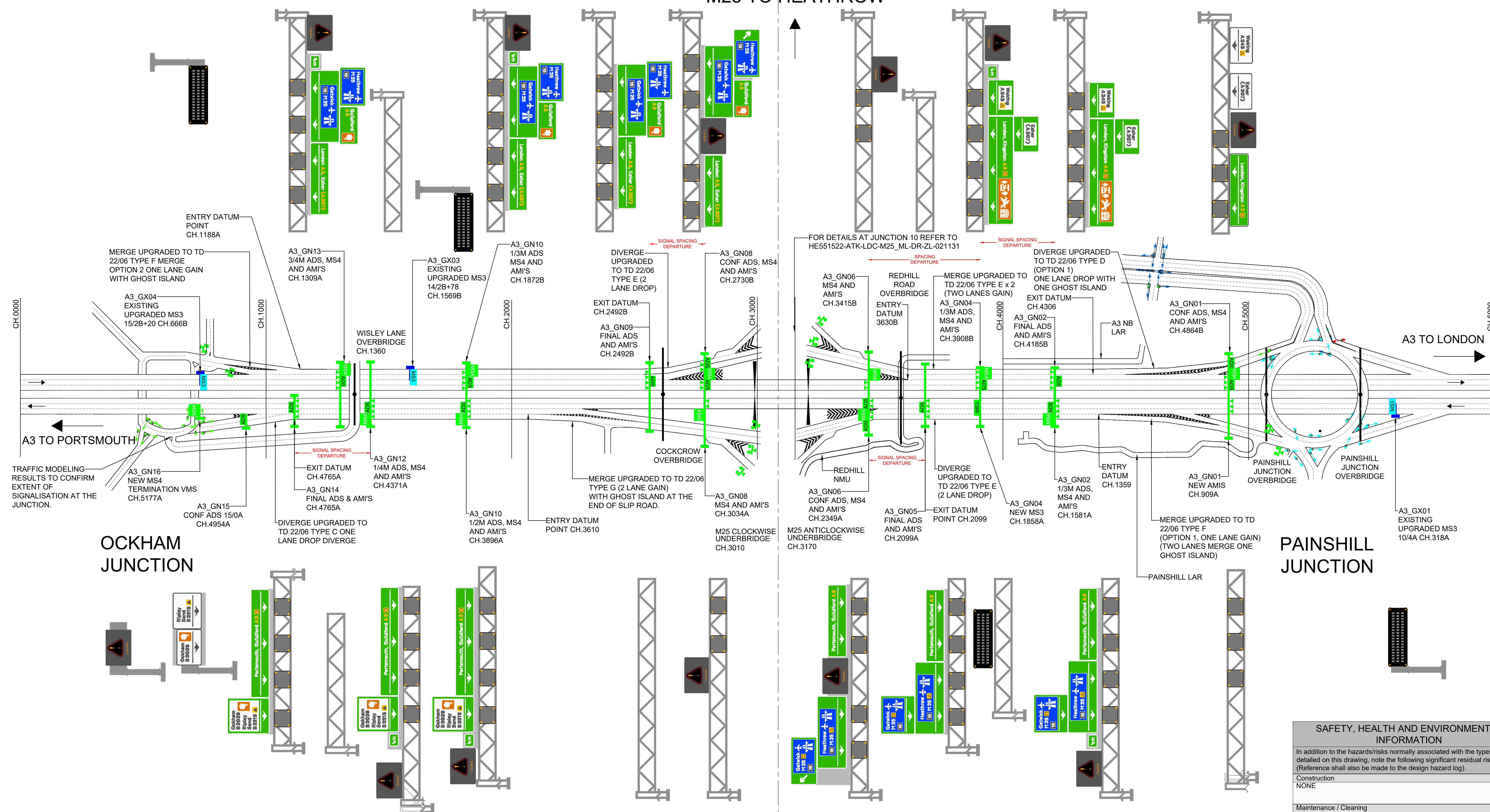
Drawing Suitability DCO APPLICATION	Status A4	Project Title M25 junction 10/A3 Wisley interchange
<p>Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com</p>		Drawing Title TYPICAL STEEL ROAD RESTRAINT AT OVERBRIDGES/VERGES REGULATION 5(2)(o) AND 6(2) SHEET 2 OF 2
<p>Working on behalf of</p>		Drawing Number TR010030/APP/2.9
HE PIN: HE551522		Scale: AS SHOWN
Original Size: A1		Rev: 0

DO NOT SCALE

100
0 10
Millimetres

M25 TO HEATHROW

M25 TO GATWICK



NOTES:
1. THE KEY IS ONLY RELEVANT TO THE PROPOSED SCHEMATIC.

KEY:

- OVERBRIDGE
- UNDERBRIDGE/UNDERPASS
- GANTRY
- ENTRY SLIP SIGNALS
- MS3
- MS4
- ADS (GANTRY MOUNTED)
- AMI
- TRAFFIC SIGNAL (POST MOUNTED)

COLOUR KEY

- CYAN = EXISTING UPGRADED
- BLUE = EXISTING RETAINED/ASSESSED
- RED = EXISTING TO BE REMOVED
- GREEN = PROPOSED/NEW

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION	A4	0	DD	NCP	AKW	VA	06/06/19

DCO APPLICATION

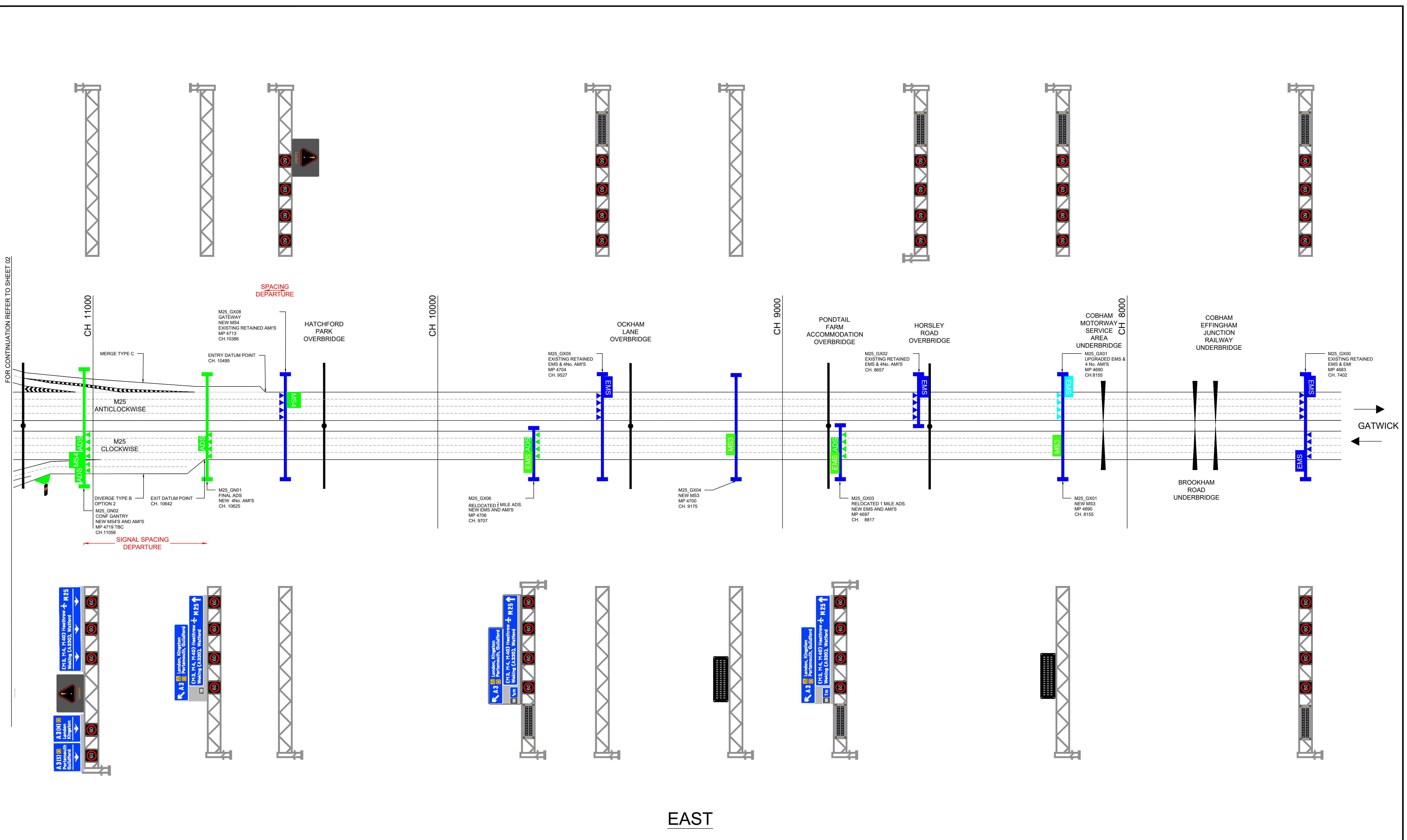
ATKINS
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highways england

Project Title	M25 junction 10/A3 Wisley interchange
Drawing Title	TYPICAL GANTRY TYPE PLAN A3 MAINLINE REGULATION 5(2)(o) AND 6(2) SHEET 1 OF 3
Drawing Number	TR010030/APP/2.9
Rev.	0
HE PIN: HE551522	Scale: NTS
Original Size: A1	

DO NOT SCALE

Millimetres



EAST

NOTES:
1. THE KEY IS ONLY RELEVANT TO THE PROPOSED SCHEMATIC.

KEY:

- OVERBRIDGE
- UNDERBRIDGE/UNDERPASS
- EMERGENCY ROADSIDE TELEPHONE
- EMERGENCY AREA OR NEW SHORT SECTION OF HARD SHOULDER
- GANTRY
- ENTRY SLIP SIGNALS
- ENHANCED MESSAGE SIGNALS
- MS3
- MS4
- ADS (GANTRY MOUNTED)
- AMI
- TRAFFIC SIGNAL (POST MOUNTED)

COLOUR KEY

- CYAN = EXISTING UPGRADED
- BLUE = EXISTING RETAINED/ASSESSED
- RED = EXISTING TO BE REMOVED
- GREEN = PROPOSED/NEW

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A4	0	DD	NCP	AKW	VA	06/06/19

Drawing Suitability: DCO APPLICATION

Status: A4

Client: **highways england**

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Project Title: M25 junction 10/A3 Wisley interchange

Drawing Title: TYPICAL GANTRY TYPE PLAN M25 MAINLINE REGULATION 5(2)(o) AND 6(2) SHEET 3 OF 3

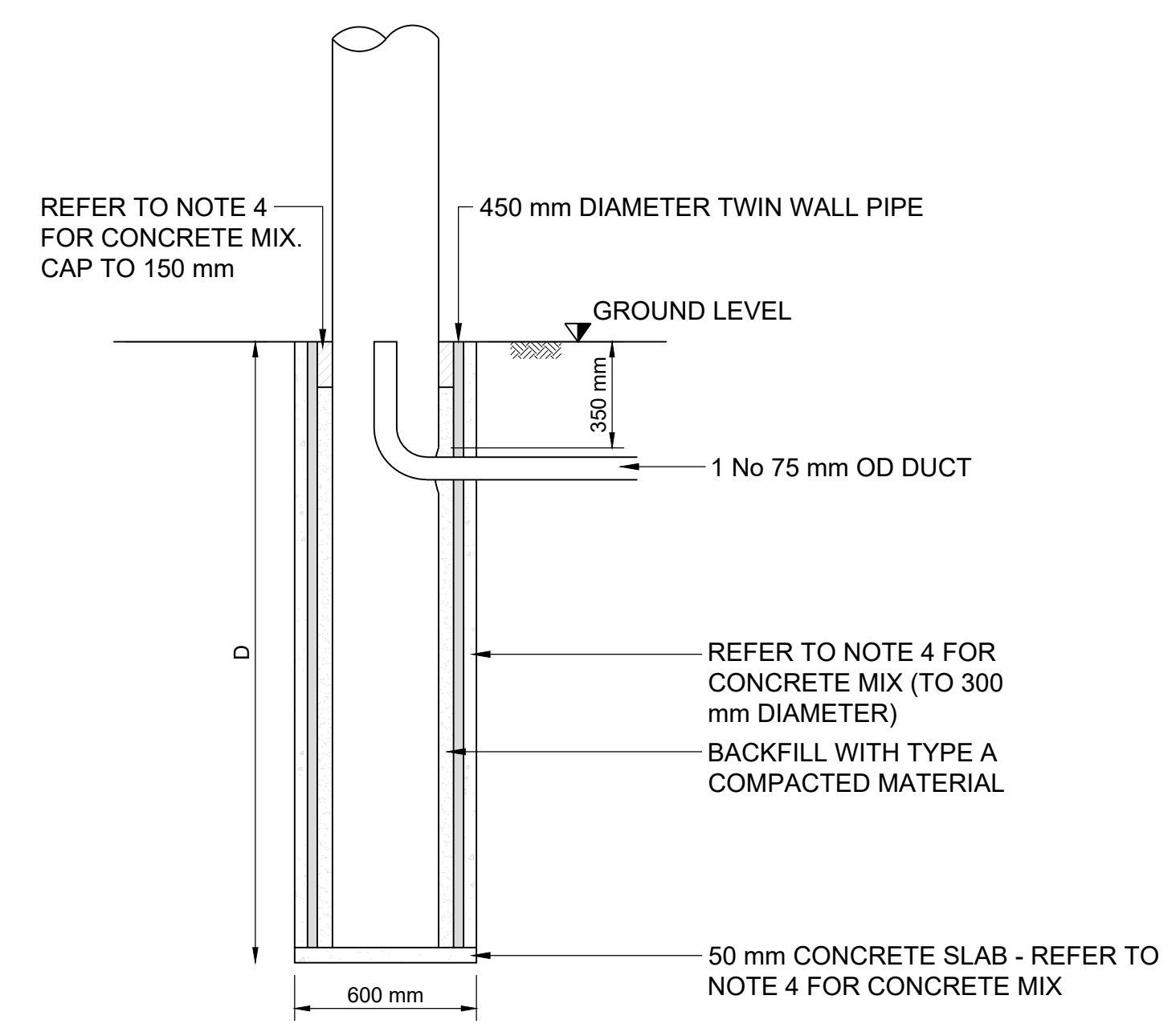
Drawing Number: TR010030/APP/2.9

Rev: 0

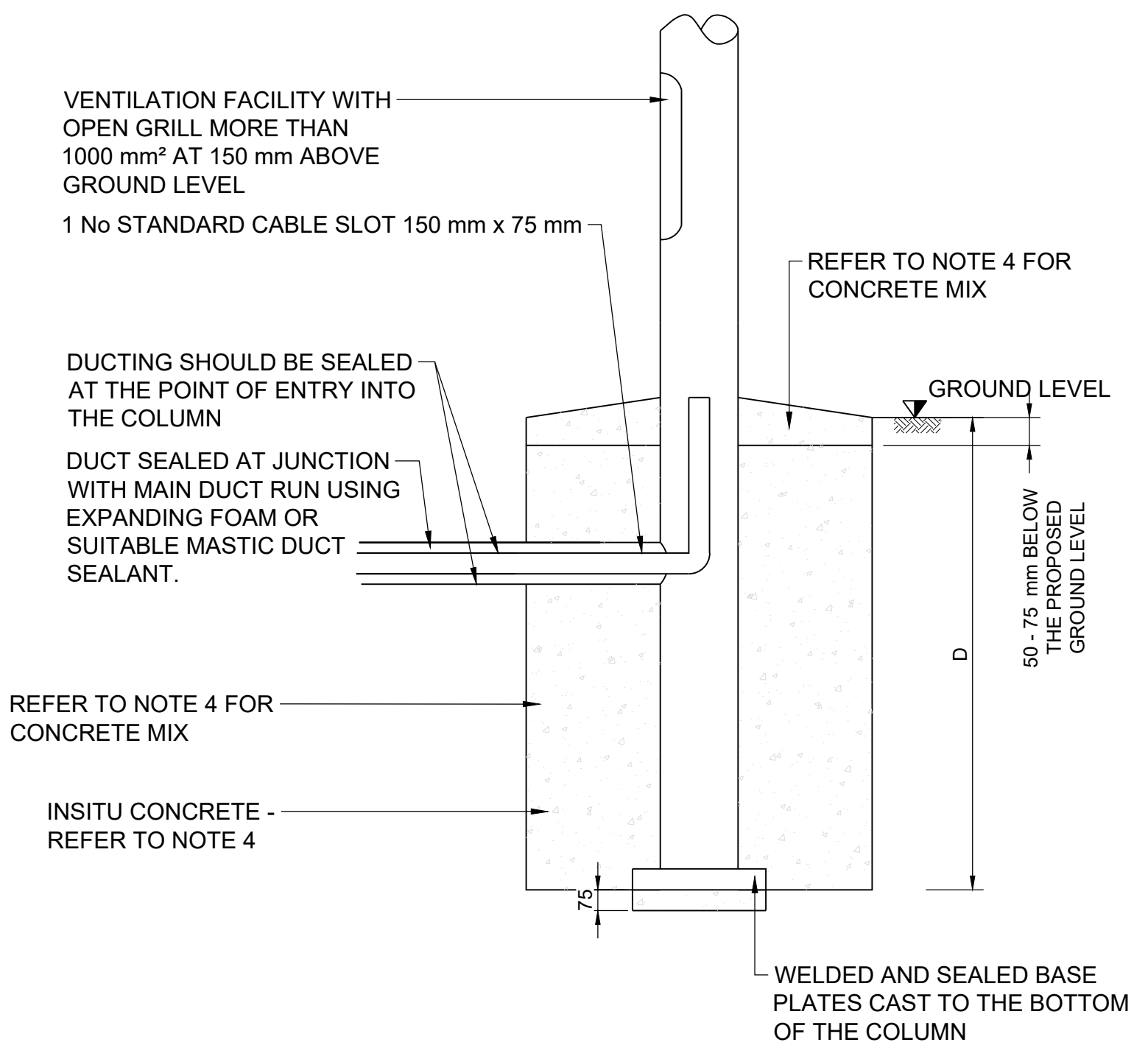
HE PIN: HE551522 | Scale: NTS | Original Size: A1

DO NOT SCALE

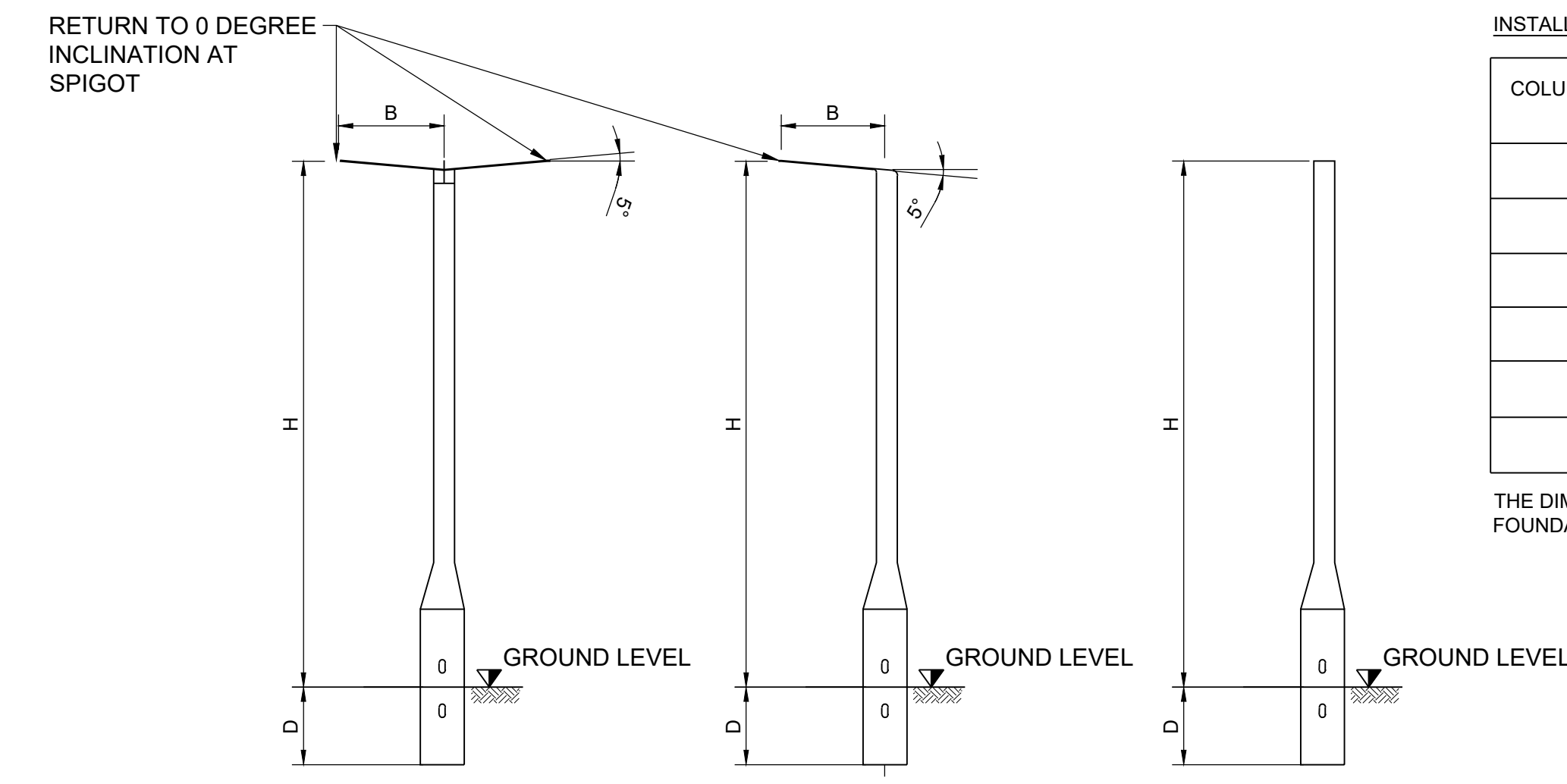
100
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Millimetres



LIGHTING COLUMN SOCKET FOUNDATION DETAIL



GAS PROTECTION MEASURES FOR LIGHTING COLUMN



PROFILE ELEVATIONS

ELEVATION ON DOUBLE BRACKET SCALE NTS

ELEVATION ON SINGLE BRACKET SCALE NTS

ELEVATION ON POST TOP FITTING SCALE NTS

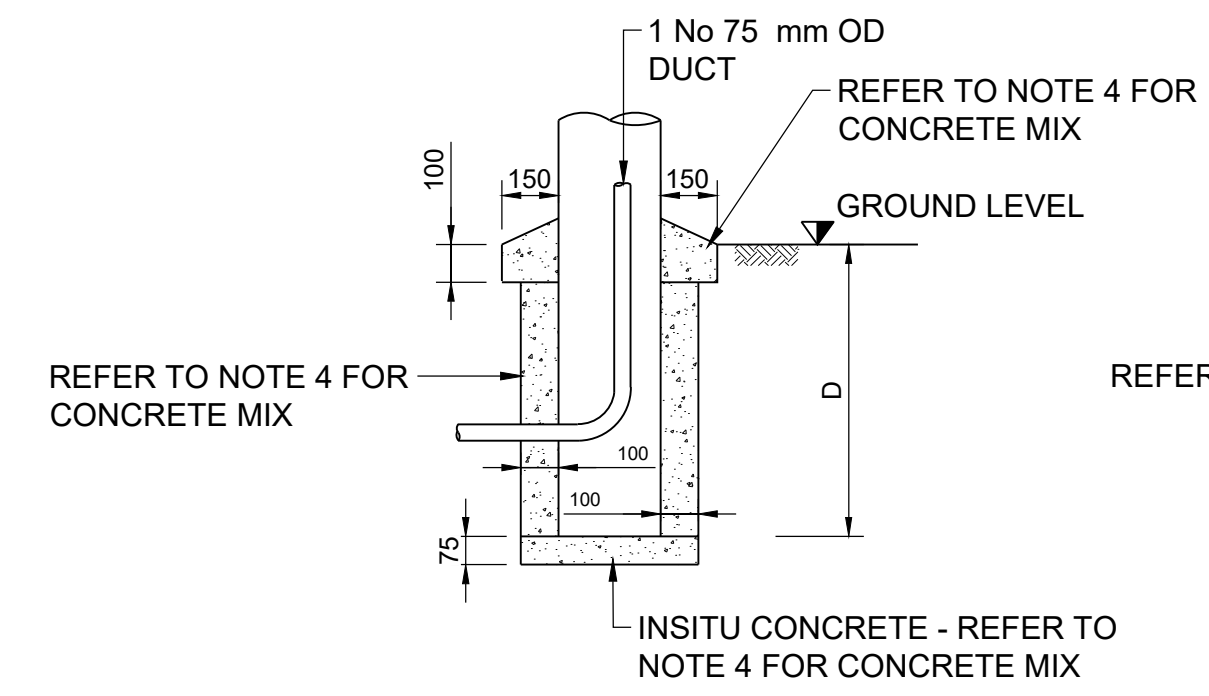
INSTALLATION DIMENSIONS

COLUMN HEIGHT 'H' METRES	DEPTH 'D' METRES	SPAN 'B' METRES
5 / 6	1.0	VARIES
8	1.2	VARIES
10	1.5	VARIES
12	1.7	VARIES
14	2.0	VARIES
15	2.0	VARIES

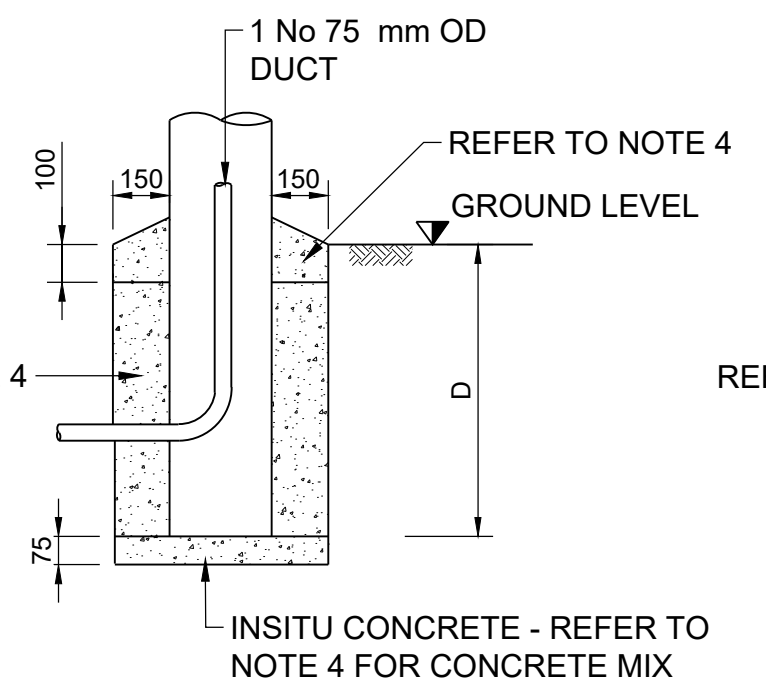
THE DIMENSIONS IN THE ABOVE TABLE APPLY TO THE FOUNDATION TYPES

COLUMN ROOT INSTALLED IN EITHER A VERGE OR A CONCRETE FOOTPATH

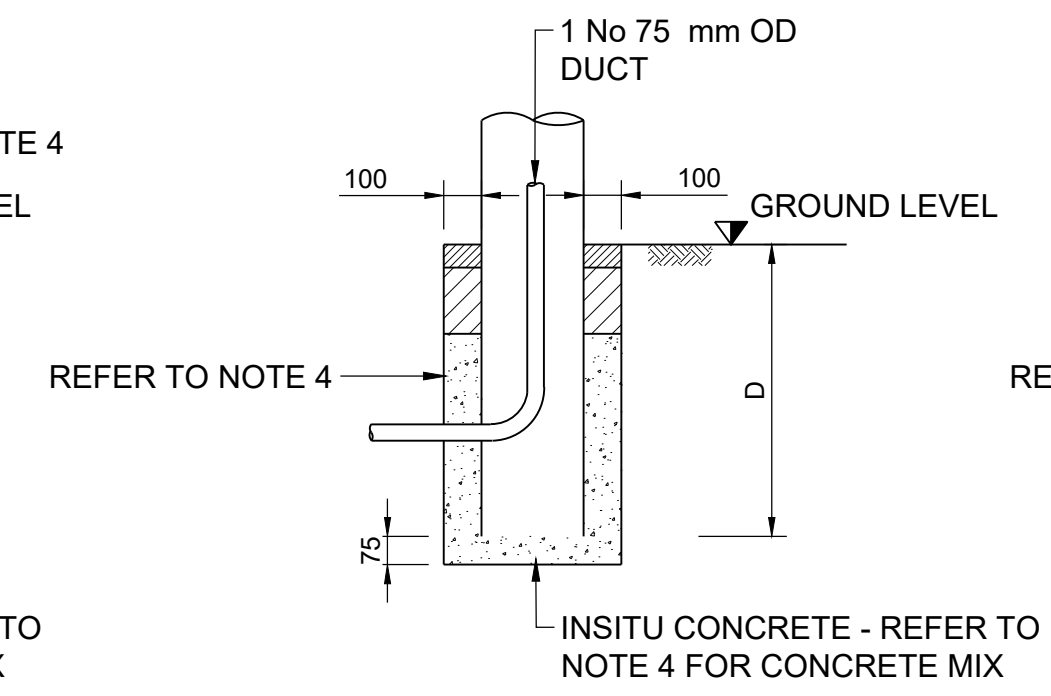
COLUMN ROOT INSTALLED IN FLEXIBLE PAVEMENT MATERIALS



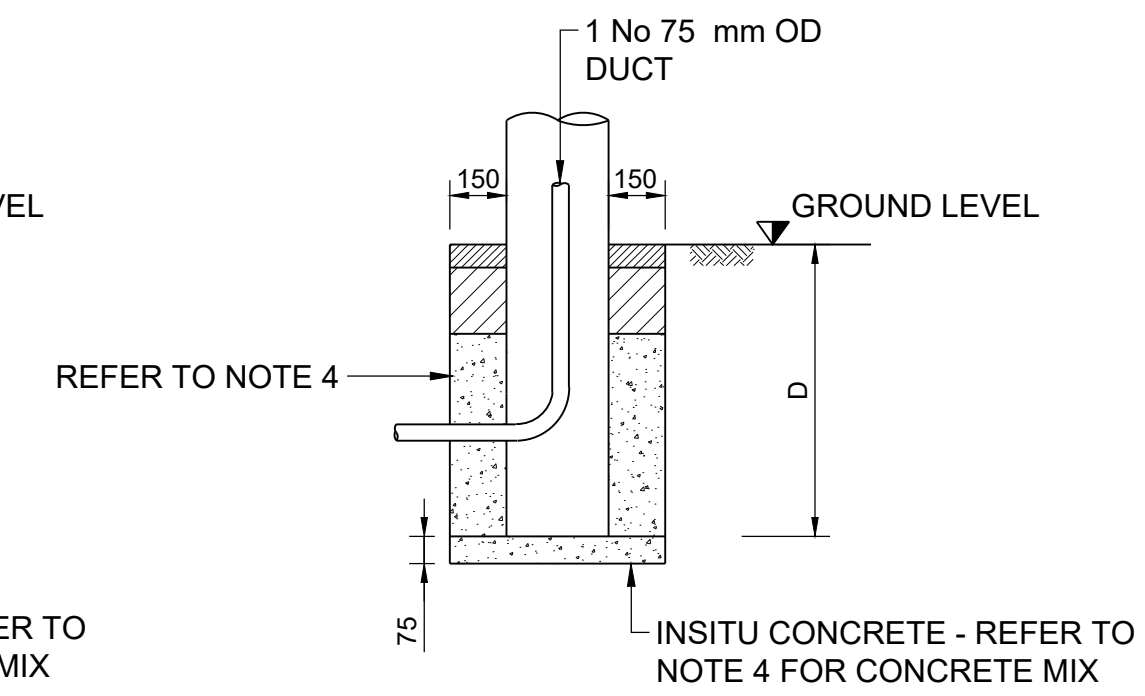
FOUNDATION TYPE 1



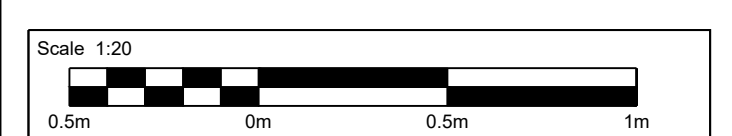
FOUNDATION TYPE 2



FOUNDATION TYPE 3



FOUNDATION TYPE 4



- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - TO BE READ IN CONJUNCTION WITH DETAILED LIGHTING DESIGN DRAWINGS, 1300, 1400 AND 5/2 SPECIFICATION APPENDICES.
 - DRAWING APPLICABLE TO HIGHWAYS ENGLAND LIGHTING ASSETS ONLY.
 - CONCRETE MIX TO BE CONFIRMED IN DETAILED DESIGN STAGE.
 - DRAWINGS FOR REFERENCE ONLY. CONTRACTOR TO SUBMIT PROPOSALS FOR APPROVAL.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
DCO APPLICATION						
A4	0	PJH	JAB	BW	VA	07/06/19

Drawing Suitability: **DCO APPLICATION**

Status: **A4**

Client: **Working on behalf of highways england**

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Project Title: **M25 junction 10/A3 Wisley interchange**

Drawing Title: **TYPICAL DETAIL ROAD LIGHTING COLUMN AND FOUNDATION REGULATION 5(2)(o) AND 6(2) SHEET 1 OF 1**

Drawing Number: **TR010030/APP/2.9**

Rev: **0**

HE PIN: HE551522 | Scale: 1:20 | Original Size: A1

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