

Technical Note

Project No: ITS19321
Project Title: Land West of Shoreham Road, Small Dole
Title: Stage 1 Road Safety Audit – GG119 Response Format
Ref: DS/LJ/ITS19321-005
Date: 31 March 2025

SECTION 1 SUMMARY

- 1.1.1 Wates Developments has appointed i-Transport LLP to provide highways and transport advice for an outline planning application on land west of Shoreham Road, Small Dole. The proposals are for up to 40 new homes with access taken from a simple priority junction via Henfield Road.
- 1.1.2 The access will comprise a 5.5m wide carriageway with 10.0m junction radii with Henfield Road. Footways of 2.0m are proposed on both sides of the site access road where they will tie into new footways provided on the western side of Henfield Road along the site frontage.
- 1.1.3 A Stage 1 Road Safety Audit has been carried out of the proposed access arrangement. This has been undertaken by an independent Auditor and the matters raised are summarised within this Technical Note with a Design Team response, in accordance with Appendix F of GG 119.

SECTION 2 ROAD SAFETY AUDIT RESPONSE

2.1 Project Details

Table F.1: Project Details

Report Title:	Stage 1 Road Safety Audit
Date:	7 November 2023
Document Reference and Revision:	23058-2
Prepared by:	Courzons
On behalf of:	West Sussex County Council (as Overseeing Organisation)

2.2 Authorisation Sheet

Table F.2: Authorisation Sheet

Project:	Land West of Shoreham Road, Small Dole
Report Title:	RSA Designer's Response
Prepared by (Design Organisation)	
Name:	Dominic Smith
Position:	Associate Partner
Signed:	
Organisation:	i-Transport LLP
Date:	05/03/2025
Approved by (Overseeing Organisation)	
Name:	
Position:	
Signed:	
Organisation:	West Sussex County Council
Date:	

Key Personnel

Table F.3: Key Personnel

Overseeing Organisation:	West Sussex County Council (ESCC)
RSA Team:	Courzons
Design Organisation:	i-Transport LLP

Road Safety Audit Decision Log

RSA Problem	RSA Recommendation	Design Organisation Response	Overseeing Organisation Response	Agreed RSA Action
<p>Two existing substations are presented on the western side of Shoreham Road. It is unclear how the relevant utility companies presently gain access to the substations, but splayed kerbs are present that allow for infrequent vehicular access to the verge. The scheme includes the provision of a footway on the western side of Shoreham Road between its junctions with New Hall Lane and Sands Lane, where it ties into existing footway network. The scheme drawings provided do not include details of the kerbs that are to be provided. The Audit Team have concerns that the provision of full height kerbs and a footway will be an obstruction to vehicles wishing to gain access and could lead to loss of control type collisions.</p>	<p>It is recommended that a vehicular crossover is provided with hard standing as appropriate.</p>	<p>The provision of hardstanding is outside of the highway boundary, and the existing substation is not impacted or related to the proposed development. As such, hardstanding is not provided.</p> <p>However, access to the substation will be retained through the provision of a crossover of the footway.</p>		
<p>Within the verge on the western side of Shoreham Road, in proximity of Tottington Drive, a headwall for a stream is present some 1.9m from the edge of the carriageway that accommodates limited safety railings which appear to be approximately 600mm in height. The scheme includes the provision of a 2.0m wide footway along this stretch. The presence of a headwall will generate a localised narrowing of the footway from 2.0 to 1.9m, which does not raise safety concerns, however, there are concerns that the existing safety fence is inadequate to prevent a non-motorised user from falling into the stream.</p>	<p>It is recommended that appropriate safety railings are provided.</p>	<p>Accepted – the need for restraint will be considered as part of the detailed design.</p>		

RSA Problem	RSA Recommendation	Design Organisation Response	Overseeing Organisation Response	Agreed RSA Action
<p>The scheme includes the provision of a simple priority access on the western side of Shoreham Road. Visibility splays of 2.4 x 58m and 2.4 x 61m are achievable to the north and south respectively. However, it is unclear if this level of visibility is achievable in the vertical plane. Similarly, it is unclear if suitable forward visibility between a southbound vehicle and the rear of a vehicle waiting to turn right into the proposed access is achievable. Visibility to / from the proposed access may therefore be restricted. Restricted visibility could result in a vehicle attempting to exit when it is not safe to do so, leading to a side / rear impact collision. Furthermore, restricted forward could result in shunt type collisions where southbound vehicles do not become aware at a safe distance that a vehicle is stationary in their path ahead waiting to turn right into the proposed access.</p>	<p>It is recommended that adequate visibility is achievable along the vertical plane.</p>	<p>Accepted - a series of long section drawings (GA-006 to 010) have been prepared at various locations along the site frontage, to demonstrate that visibility can be achieved at all points.</p>		
<p>The scheme includes the provision of a footway on the western side of Shoreham Road along the site frontage. During the site visit, a number of items were observed to encroach the area of the proposed footway, to include existing telegraph poles, including associated stays, and vegetation, to include a large branch of a tree in the proximity of New Hall Lane and branches of a commemorative tree within the vicinity of Sands Lane. Telegraph poles, including associated stays, and vegetation within the proposed footway will be an obstruction to users. Obstructions in the footway could result in users taking avoiding action and entering the live carriageway, which could lead to vehicle to non-motorised user collisions.</p>	<p>It is recommended that all items of street furniture / vegetation within the footway are appropriately relocated / trimmed back and maintained clear.</p>	<p>Accepted – street furniture / vegetation will be relocated / trimmed back as required within the detailed design.</p>		

2.3 Design Organisation and Overseeing Organisation Statements

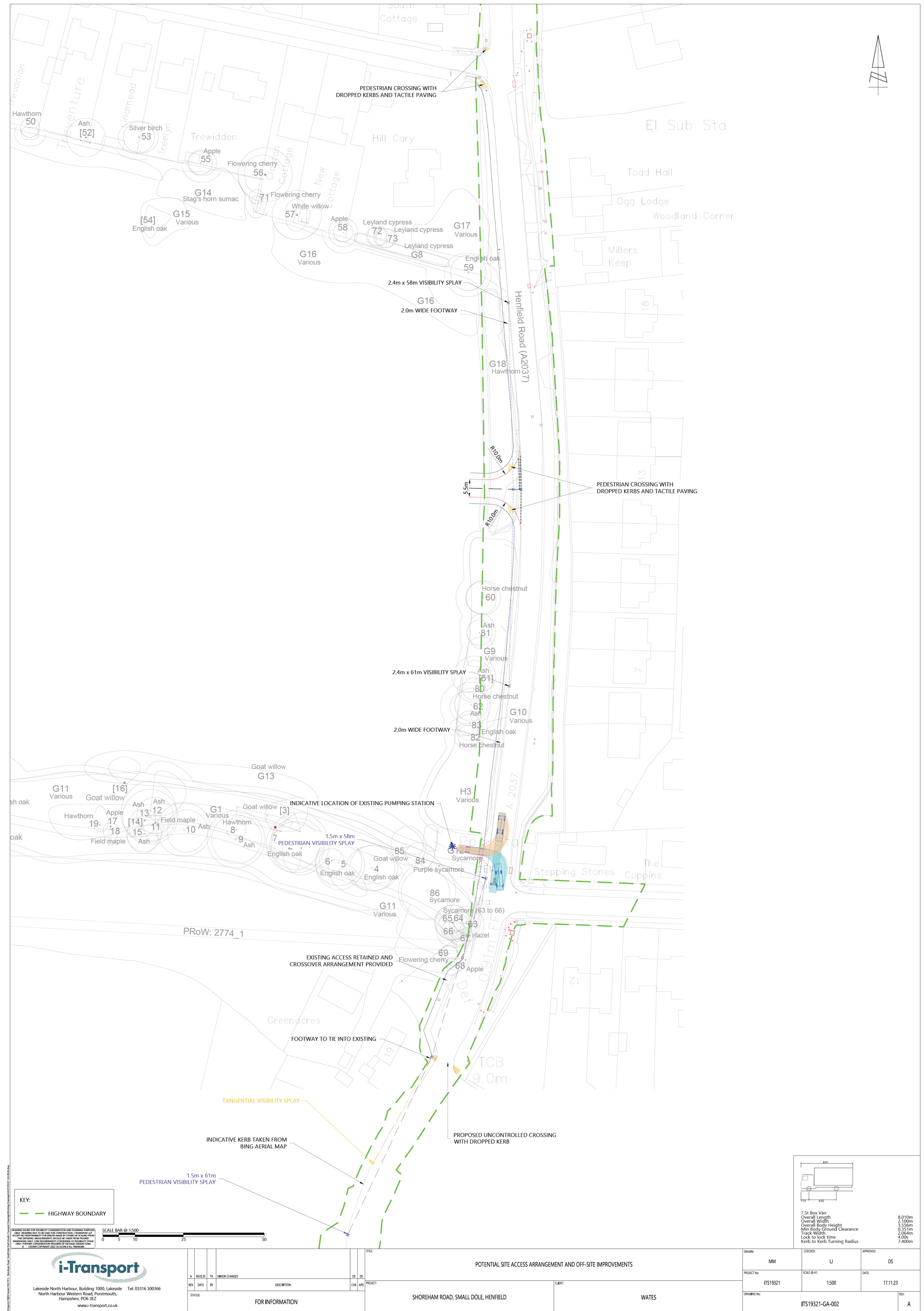
Table F.5: Design Organisation Statement

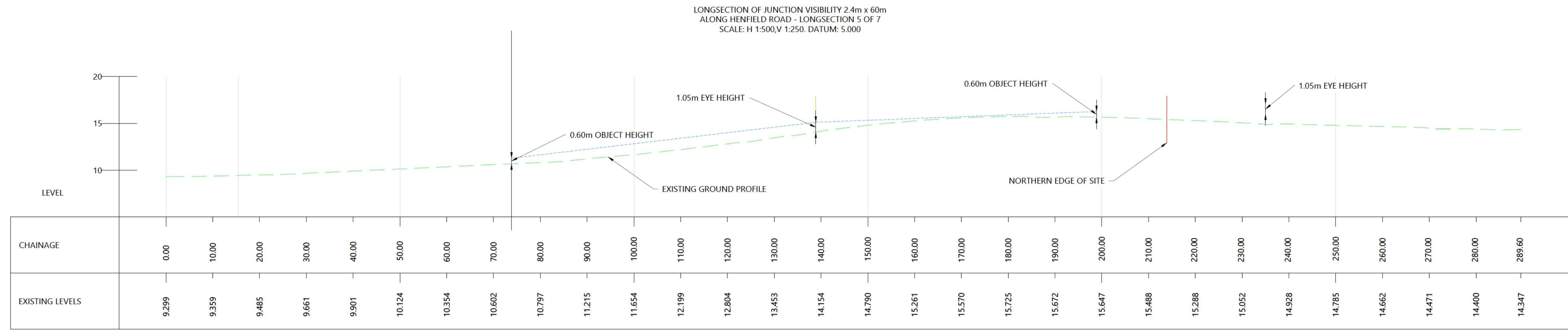
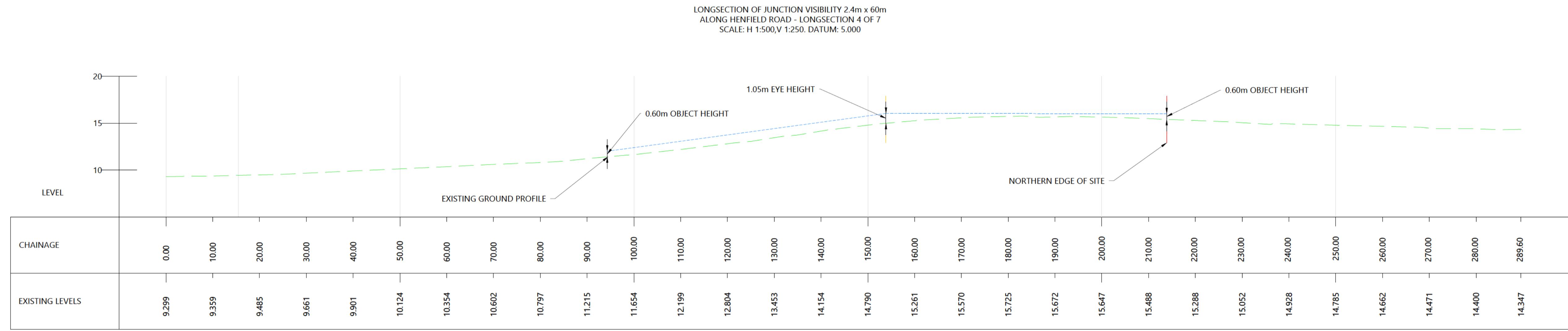
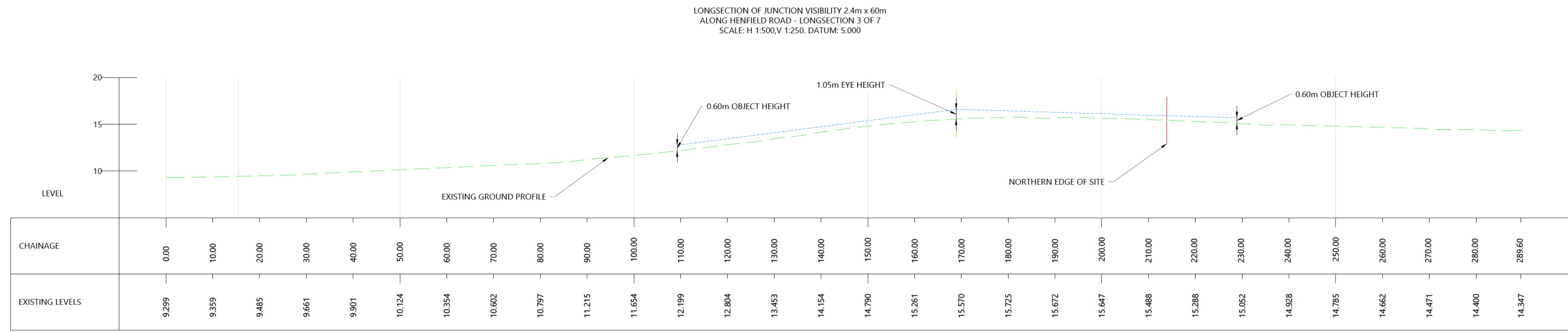
On behalf of the Design Organisation, I certify that:	
1) The RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the Overseeing Organisation.	
Name:	Dominic Smith
Signed:	
Position:	Associate Partner
Organisation:	i-Transport LLP
Date:	05/03/2025

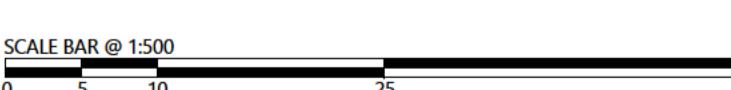
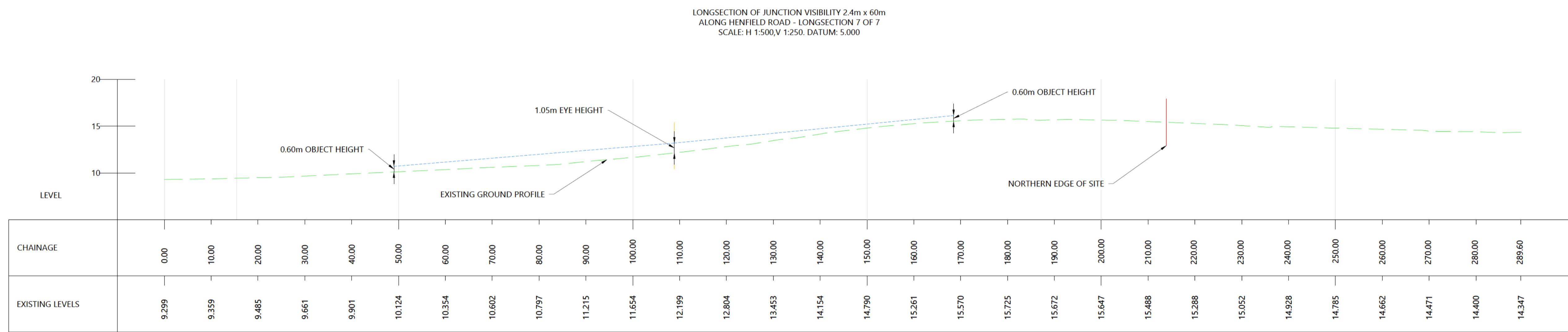
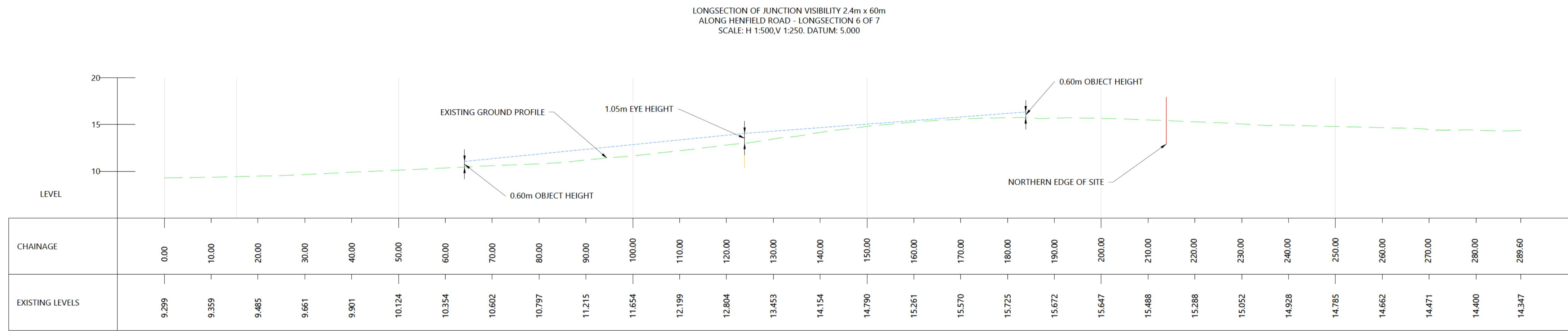
Table F.6: Overseeing Organisation Statement

On behalf of the Overseeing Organisation, I certify that:	
1) The RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the design organisation; and	
2) The agreed RSA actions will be progressed.	
Name:	
Signed:	
Position:	
Organisation:	West Sussex County Council
Date:	

DRAWINGS







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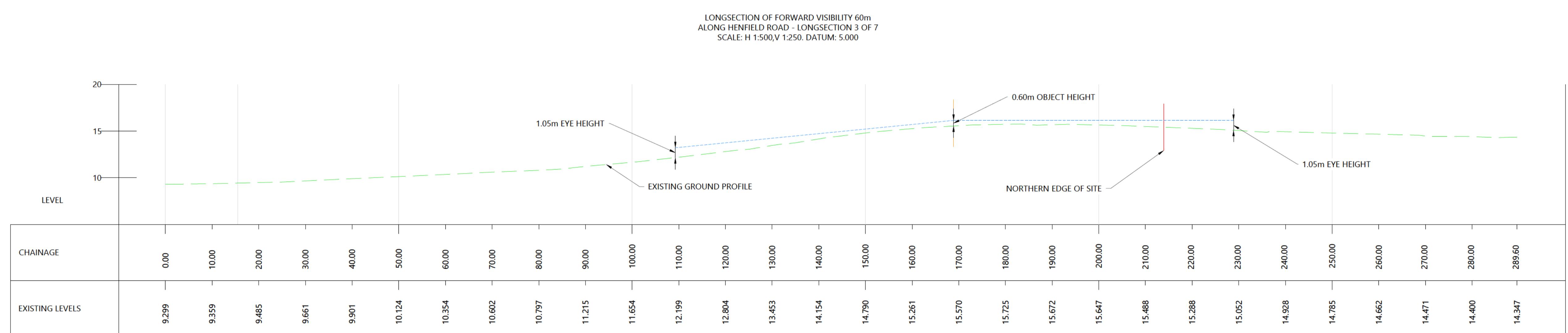
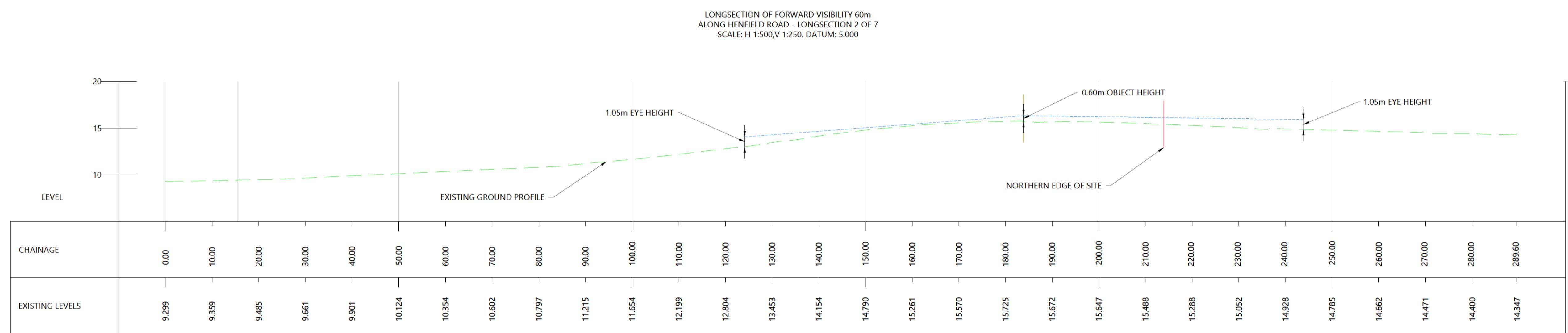
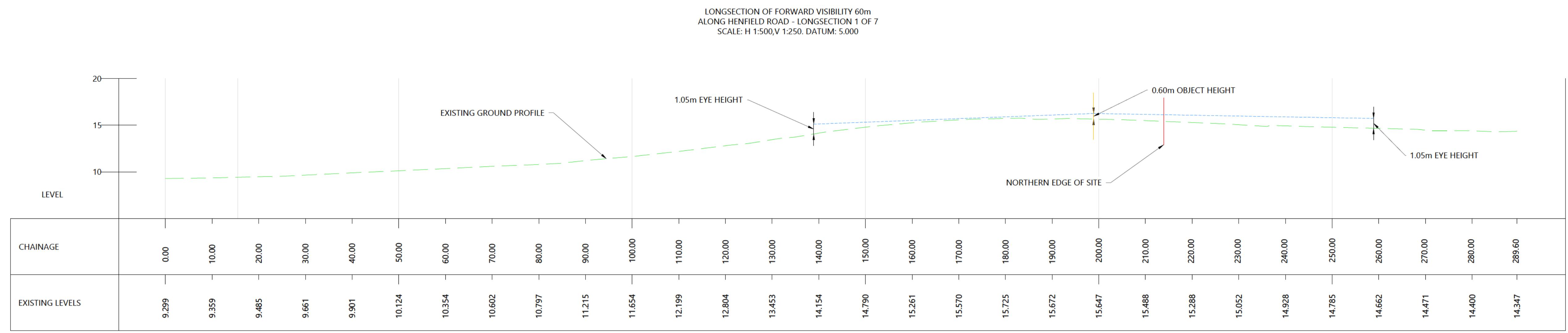
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		PROJECT:
DESCRIPTION	CHK	APD
INFORMATION		

SHOREHAM ROAD, SMALL DOE, HENFIELD

L VISIBILITY ALIGNMENT
SHEET 3 OF 6

	DRAWN:	MC
	PROJECT No:	SCAL
	ITS19321	
DRAWING No:	ITS	

CKED: MC	APPROVED: DS
LE @ A1: AS SHOWN	DATE: 05.02.25
19321-GA-005	
REV: -	



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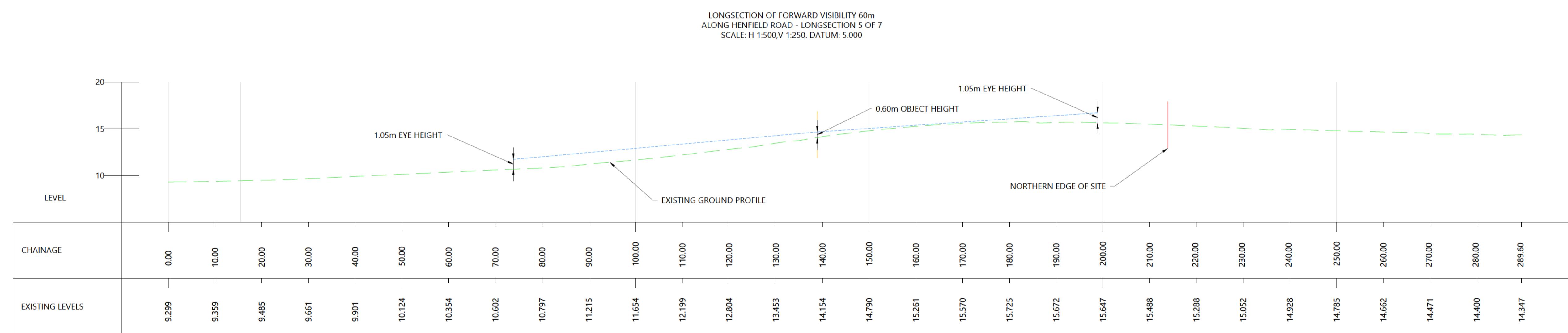
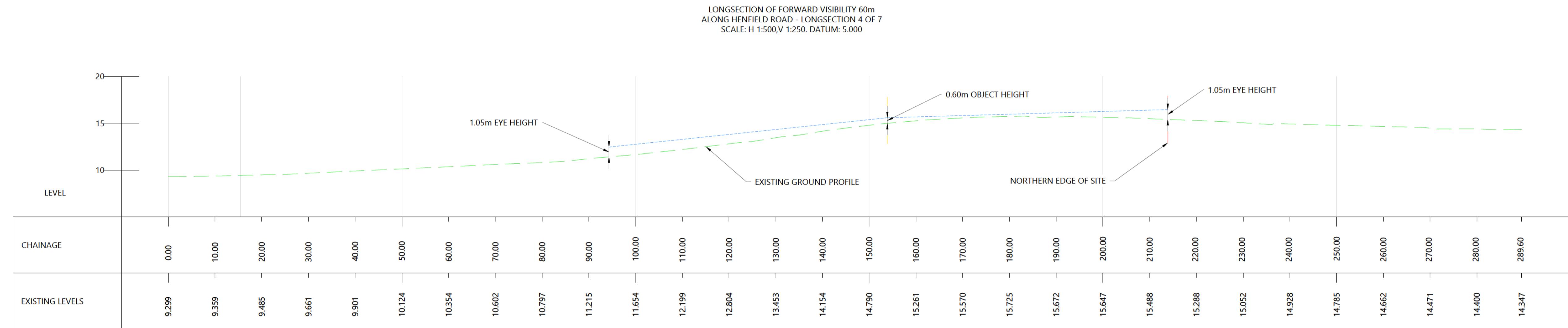
A scale bar at the top left shows a 1:250 ratio with markings from 0 to 10. Below it is the i-Transport logo, which includes the company name in a stylized font with a swoosh graphic.

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LONG SECTION OF FORWARD VISIBILITY							TITLE:		
REV	DATE	BY	DESCRIPTION				CHK	APD	PROJECT:
STATUS: FOR INFORMATION									

VERTICAL VISIBILITY ALIGNMENT
SHEET 4 OF 6

	DRAWN: MC	CHECKED: MC	APPROVED: DS
	PROJECT No: ITS19321	SCALE @ A1: AS SHOWN	DATE: 05.02.25
DRAWING No: ITS19321-GA-010	REV: -		



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SHOREHAM ROAD, SMALL

WORLD VISIBILITY ALIGNMENT

SHEET 5 OF 6

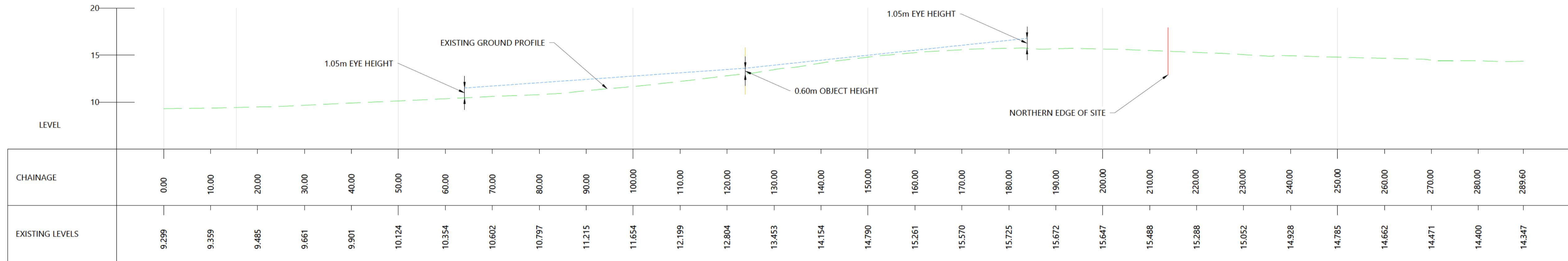
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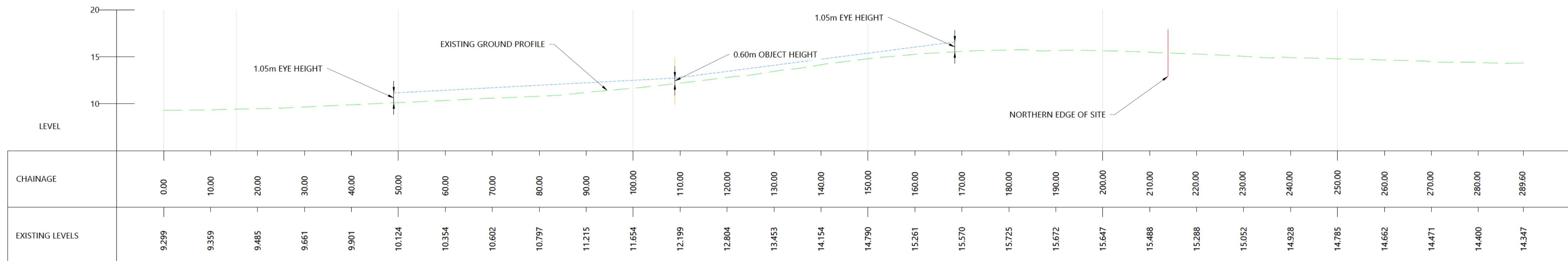
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LONGSECTION OF FORWARD VISIBILITY 60m
ALONG HENFIELD ROAD - LONGSECTION 6 OF 7
SCALE: H 1:500,V 1:250. DATUM: 5.000



LONGSECTION OF FORWARD VISIBILITY 60m
ALONG HENFIELD ROAD - LONGSECTION 7 OF 7
SCALE: H 1:500,V 1:250. DATUM: 5.000



SCALE BAR @ 1:500

0 5 10 25 50

SCALE BAR @ 1:250

0 1 2 5 10 25

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VERTICAL VISIBILITY ALIGNMENT SHEET 6 OF 6											PROJECT No:	ITS19321	SCALE @ A:	AS SHOWN	DATE:	05.02.25
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