

Stage 1 Road Safety Audit Designers Response

Proposed Development:

Cabbagefield Row,

Swanmore Road,

Leigh Park



Index

1	Introduction	2
2	Designers response to the RSA1	3
3	Conclusion	5

Schedule of Appendices

- A Access Plan
- B Havant Thicket Vehicle Access Junction South Plan

Issue	Issue date	Compiled	Checked	Authorised
1	28-04-2021	RS	RW	RW

1 Introduction

- 1.1 EC Road Safety Limited has been commissioned by GTA Civils & Transport Limited to undertake a Stage 1 Road Safety Audit on the proposed vehicular access onto Swanmore Road and the internal roads. The scheme also includes:
- New shared use path provisions on the north side of Swanmore Road to tie in with existing provisions;
 - Two pedestrian crossings on Swanmore Road;
 - Informal crossing points across the new junction and the sightlines to be achieved are indicated on the plan.
- 1.2 The outline planning permission is for up to 150 new residential dwellings on the site, together with the new priority junction on Swanmore Road.
- 1.3 The Audit Team examined the original Audit Brief and plans on Tuesday 13th July 2021 and the site was subsequently examined on Wednesday 14th July 2021 between 12.00 and 12.30 hours. The weather during the daytime site visit was dry and bright. The carriageway surface was dry at the time of audit. Traffic flows were low to moderate and vehicle speeds were observed as being low. Cycle flows and pedestrian use was low at the time of the audit.
- 1.4 Additional plans were submitted to the Audit Team on 31st March 2022 that included the proposed internal layout within the site, the visibility splays, and the tracking movements for larger vehicles.

2 Designers response to the RSA1

2.1 Four points were raised through the RSA1 process. This is listed in **Table 2.1** below, together with the recommendation and Designer's Response.

Table 2.1 RSA1 Problems, Recommendations & Designer's Response

Problem	Location	Description	Recommendation	Designer's Response
3.1.1	Swanmore Road (northern side)	There are currently various items of street furniture in place where the new proposed footway will be provided. This includes lamp columns, signposts, overhanging vegetation and trees. The shared use path would require a level surface and one without pinch points and obstructions. If these are not relocated to suitable positions, they would be a road safety concern resulting in injury to cyclists or pedestrians.	Footway obstructions to be removed and street furniture to be relocated where appropriate.	Agreed – Relevant street furniture will be relocated accordingly and will be included at the detailed S278 design stage.
3.1.2	Shared cycle path / footway and existing carriageway	The plans do not indicate where the existing cycle path (located on the carriageway) will be provided and how cyclists will join the new shared footway. There was concern during the site investigation regarding where cyclists will adjoin the shared cycleway / footway from the existing carriageway. The existing cycle lane appears confusing in various parts and unclear on the expectation for a cyclist using the route. As a result of overall disjointed cycle facilities and confusing continuity, this could give rise to cyclist and driver conflict.	Provide sufficient dropped kerbs from the carriageway to the footway to allow cyclists to adjoin the cycle path. Review and extend the designated areas for cyclists to ensure that there is a clear strategy along the entire route.	Agreed, additional dropped kerbs added to allow adjoining. The shared use path is proposed on the northern side of Swanmore Road up to the bus stops as requested by HCC to link with the approved Havant Thicket proposals. The cycle path would expect to link with Havant Thicket drawing number HTR-ATK-AR-RE-DR-D-0006 Vehicle Access Junction South revC04 included at Appendix B for reference.

3.3.1	Various junctions within the proposed development	A visibility splay plan has been provided to the Audit Team that shows the forward visibility and general sightlines at each junction. Whilst it would be expected vehicle speeds would be low within the development, drivers will be required to give way on the approach to each junction with the 'main' through road or 'spine' road running through the development. However, the plan indicates new trees and planting close to the junctions. It is unclear at this stage the size of the proposed trees and the type. Many of the sightlines appear to be obstructed by such trees and as such could result in drivers failing to give way to oncoming vehicles. This could risk side swipe collisions occurring.	Trees removed from sightlines to always ensure good and unobstructed visibility.	Agreed, vegetation would be removed and is likely to be a condition of planning consent that visibility splays should be maintained.
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3 Conclusion

- 3.1 There were 3 problems raised through the RSA1 process, all of which have been resolved at this stage. The relevant design amendments have been included on the access plan at Appendix A. Therefore, the RSA1 has not raised any fundamental problems that cannot be resolved.

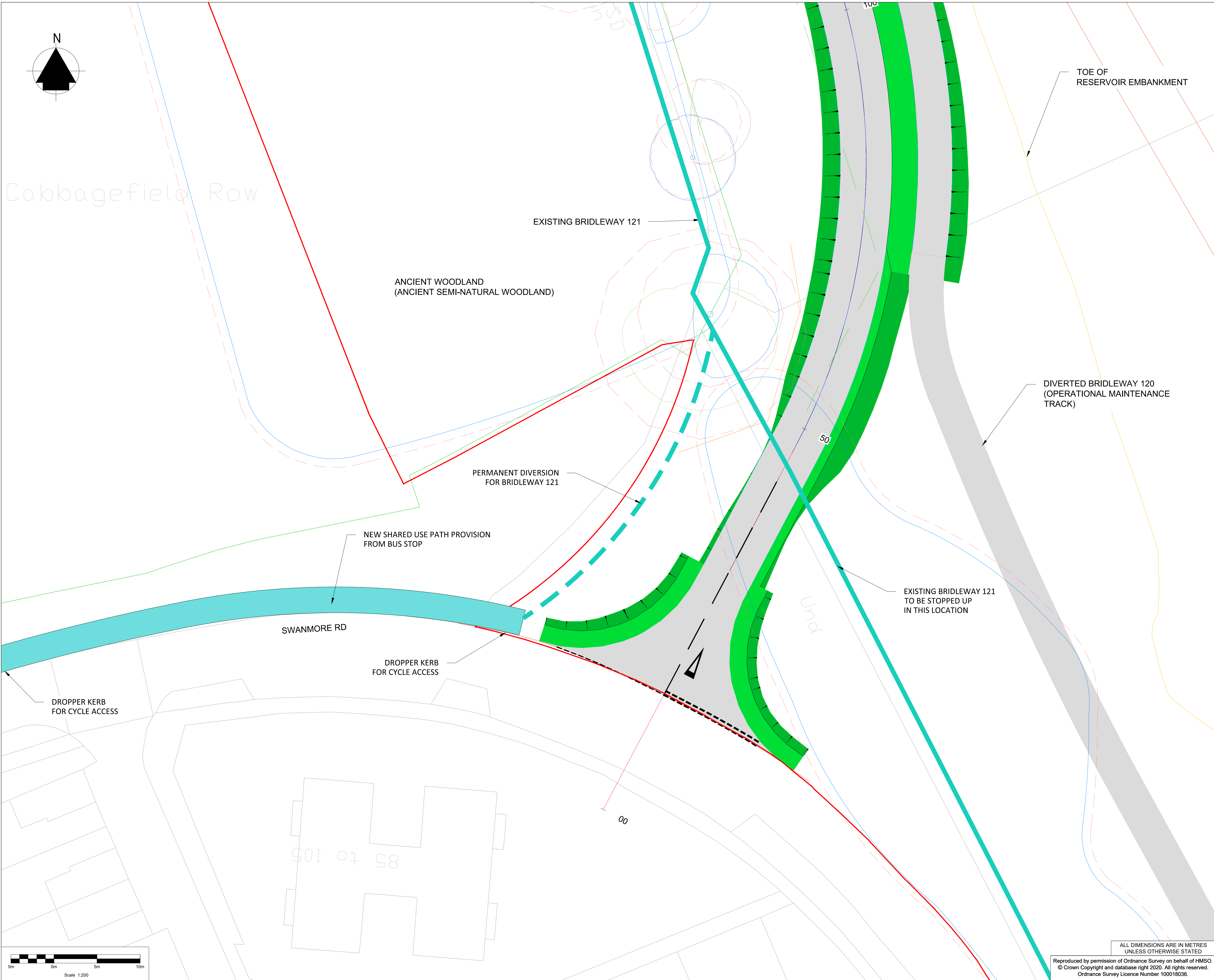
- End of Report -

Appendix A

Access Plan

Appendix B

Havant Thicket Vehicle Access Junction South Plan



- KEY** (not to scale)
- Category A tree
 - Category B tree
 - Category U tree
 - Category C tree
 - Root Protection Area (RPA)
 - Ancient Woodland boundary
 - Ancient Woodland 15m offset boundary
 - Red Line Boundary

NOTES

1. All dimensions in metres unless otherwise stated.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/ risks normally associated with the types of work detailed on this drawing, all significant residual risks (moderate to very high) are indicated on the drawing with warning triangles; the risk register, in its entirety, is available on drawings HTR-ATK-ZZ-ZZ-DR-HS-0001 to 0007. The reference numbers shown against each triangle will correlate to risks shown on these schedules.

Environmental Risks are not shown on the drawings and reference should be made to the following Document – HTR-ATK-XX-XX-RP-Z-0069 Outline Environmental

C01	EC	AIH	AIH	WI	First Issue	13/08/20
A1	EC	AIH	WI	WI	FOR PLANNING	09/11/20
C03	EC	AIH	WI	WI	FOR TENDER	19/11/20
D2	EC	AIH	WI	WI	FOR PLANNING	15/03/21
C04	EC	AIH	WI	WI	FOR PLANNING	15/03/21
A1	EC	AIH	WI	WI	FOR PLANNING	15/03/21
Rev. Status	Dm By	Ckd By	Rev By	Auth By	Description	Date

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Initial non-contractual code	A1

Contractors Drawing Number:	
HTR - ATK - AR - RE - DR - D - 0006	
Project	Originator Volume Location Type Role Number

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HTR	1 of 1	1:200	A1

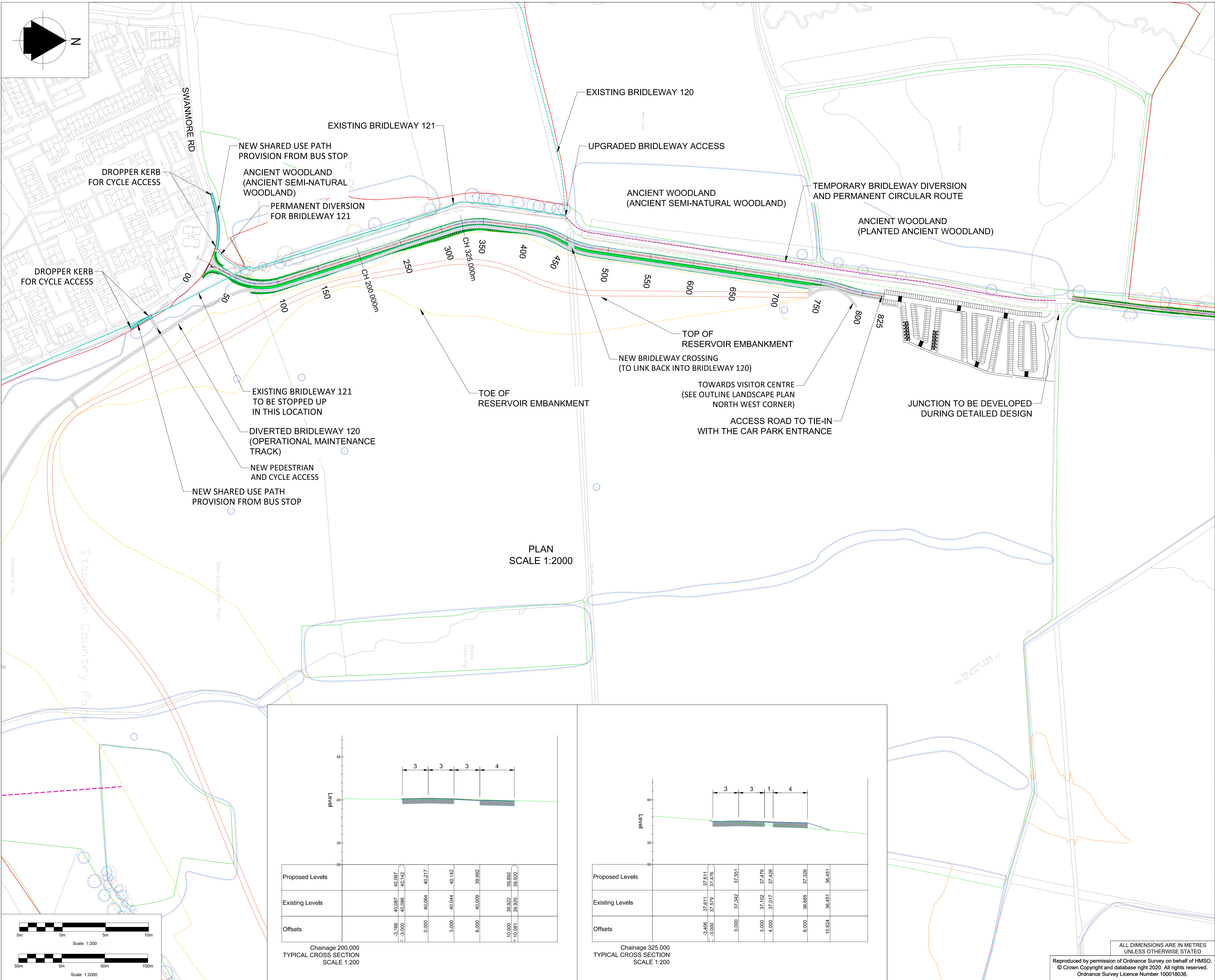
Project Title:
HAVANT THICKET RESERVOIR

Drawing Title:
ACCESS ROUTES VEHICLE ACCESS JUNCTION SOUTH (SWANMORE ROAD)

Portsmouth Water Drawing Number:	Rev:
	C04

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Civil Engineering - Transport Planning - Flood Risk

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