

Project number: 18182
Subject: Construction vehicle tracking
Date: 5th September 2025

File name: 18182d6b

1 Introduction

1.1.1 Lime Transport has been appointed by Cala Homes (Chilterns) to prepare a Technical Note in order to discharge Condition 11 of the planning permission (planning ref: 23/00563/FP). This condition states that *'before commencement of the development a 'Construction Traffic Management Plan' shall be submitted to and approved in writing by Local Planning Authority in consultation with the Highway Authority.'* The Highway Authority reviewed the submitted Construction Traffic Management Plan and provided the following comments including:

- *'For the junction of Friday Furlong and Westbury Close swept path analysis requires to show construction traffic can make the turn without overrunning the footway causing damage.'*
- *Also SWP required for Westbury Close Redhill Road to determine if the footway will be overrun and damaged.'*
- *For Westbury Close and Friday Furlong SPA required to show construction traffic and pass parked vehicles.'*

1.1.2 A Technical Note was prepared by Lime Transport (document reference 18182d6a, dated 4th August 2025) to address the above comments and submitted to the Highway Authority. The Highway Authority reviewed this document and provided the following additional comments:

- *'For the junction of Friday Furlong and Westbury Close swept path analysis (SPA) is required to show construction traffic can make the turn without overrunning the footway causing damage.'*
- *Swept path analysis for the junction of Redhill Road and Bedford Road in both directions to show construction vehicles can make this turn.'*
- *For Westbury Close and Friday Furlong SPA required to show construction traffic and pass parked vehicles.'*
- *SPA required or Lower Innings and Westbury Close.'*

1.1.3 This note assesses the swept paths of a construction vehicle (11.5m rigid vehicle) accessing the site (land to the south of Oughtonhead Lane) via the junctions specified above and includes vehicle swept path analysis along the length of Westbury Close. The route to the site is via A600 Bedford Road, Redhill Road, Westbury Close and Lower Innings.

2 Swept path analysis

2.1 11.5m rigid vehicle

- 2.1.1 The access route from the A600 Bedford Road as well as the Redhill Road/Westbury Close junction and the route along Westbury Close to Lower Innings can accommodate an 11.5m rigid vehicle manoeuvring without over-sweeping the footway along the route or centre of the roundabout on Bedford Road.
- 2.1.2 It should be noted that Westbury Close, Friday Furlong and Lower Innings are not subject to any parking restrictions and vehicles can park on these streets, albeit parking on opposite sides of the carriageway would restrict vehicle access. Observations from site visits suggest that any parking that does occur on-street occurs at intervals and vehicles do not park opposite other vehicles. Parked vehicles have been included within the swept path analysis and Google Earth imagery has been used to identify the typical amount and location of parked vehicles along these streets. This is considered to be a reasonable reflection of the parking situation along these streets.
- 2.1.3 Swept path analysis for the 11.5m rigid vehicle along Westbury Close (from Redhill Road to Lower Innings) is included in **Appendix A**. Swept path analysis for the 11.5m rigid vehicle at the Redhill Road/A600 Bedford Road mini-roundabout is included in **Appendix B**.

Appendices



Appendix A





Post

GENERAL NOTES

1. This drawing to be read in conjunction with all relevant civil engineering drawings.

LEGEND

DAF 410 8x4 flat-bed	11.470m
Overall Length	2.480m
Overall Width	2.983m
Overall Body Height	1.476m
Min Body Ground Clearance	2.480m
Track Width	4.00s
Lock to Lock Time	11.350m

Parked vehicle/s

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
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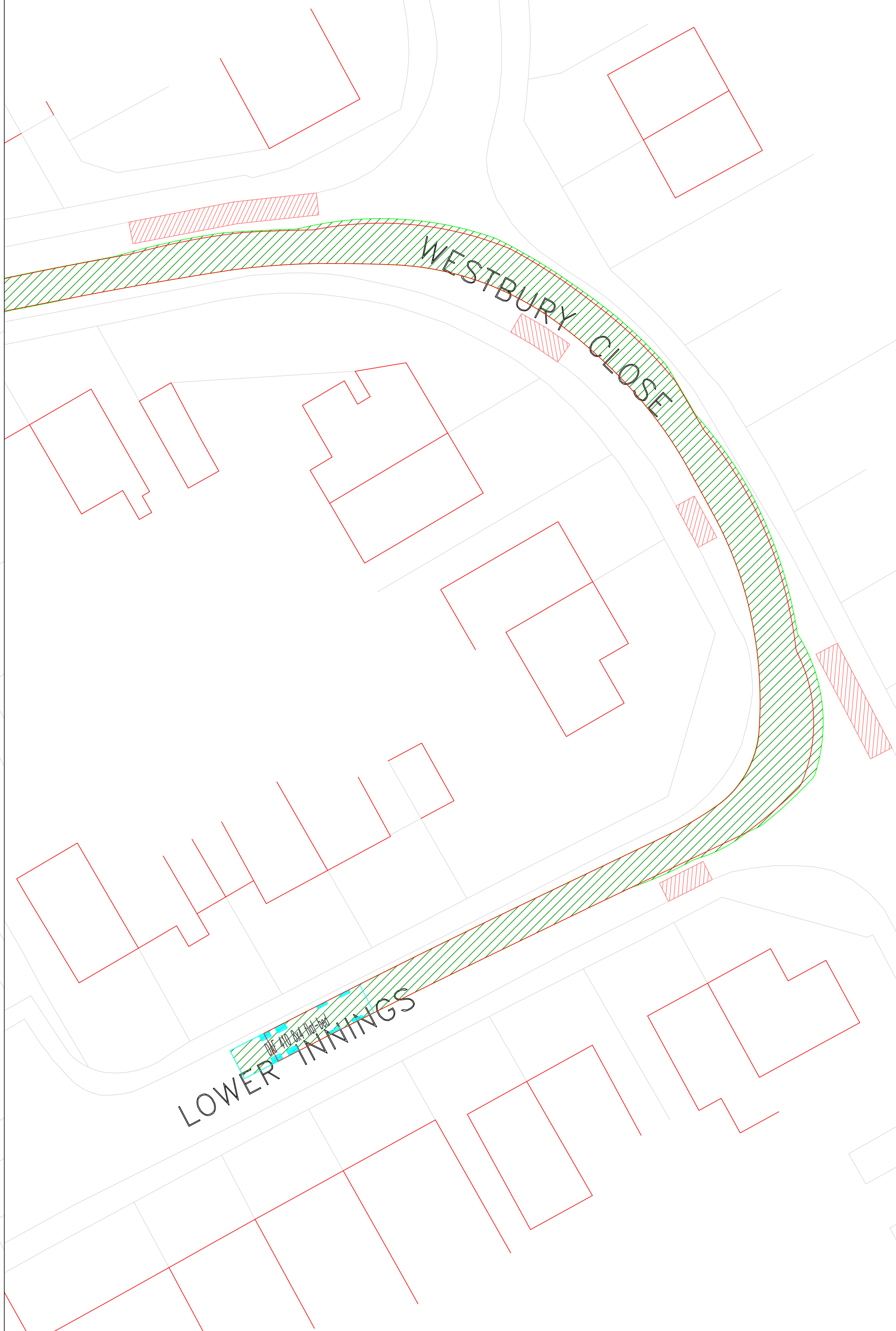
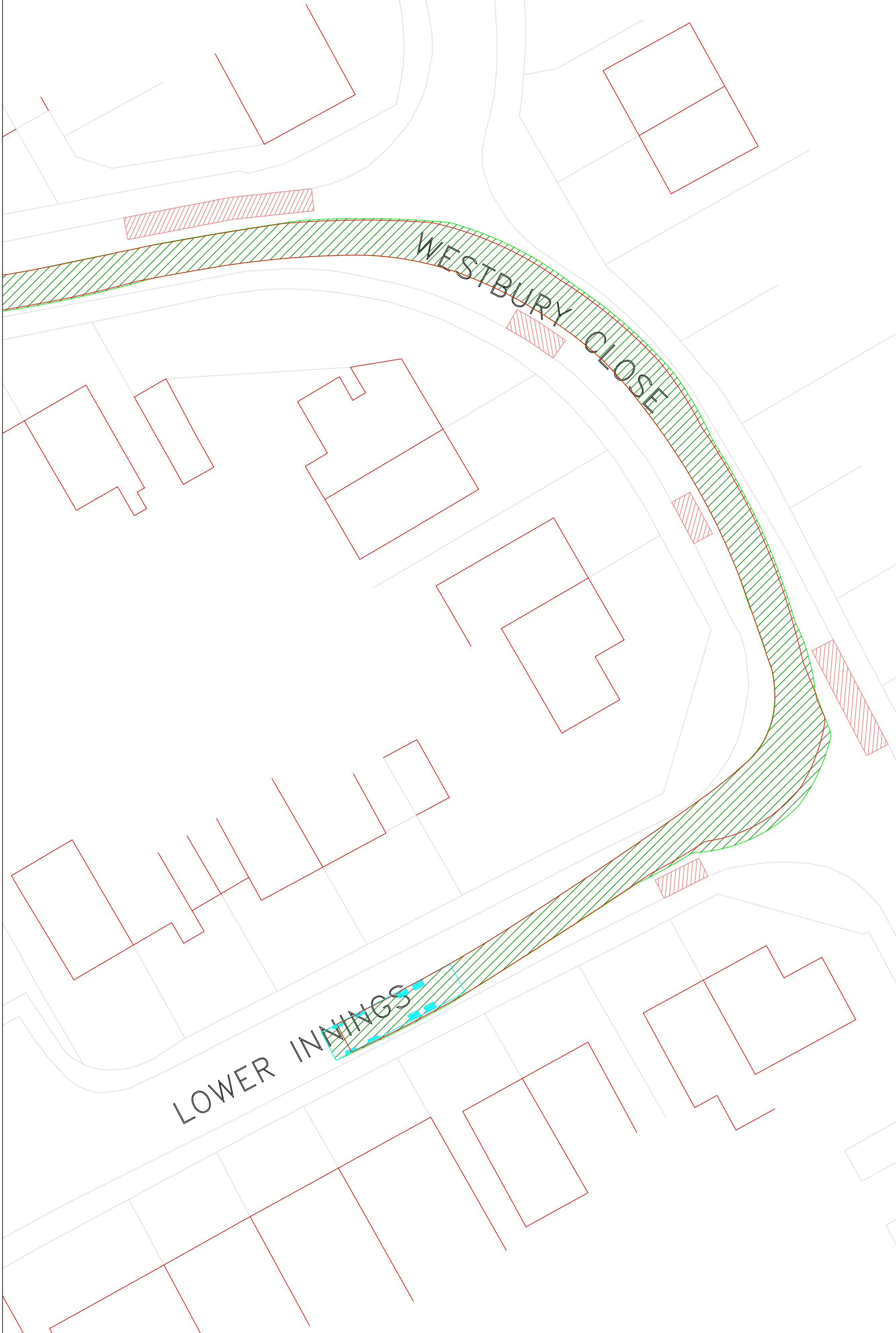
5A Andrews Buildings
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Drawing Status	Date 04/09/2025
PRELIMINARY	Scale 1:200@A1
Project	Drawn DT
Oughtonhead Lane, Hitchin	Checked HLJ
	Project No 18182
Title	Client Project No
Swept path analysis 11.5m flatbed	Revision
Drawing No	
18182.OS.113.07	

RLONG

RLONG



GENERAL NOTES

1. This drawing to be read in conjunction with all relevant civil engineering drawings.

DAF 410 8x4 flat-bed

Overall Length11.470m

Overall Width2.480m

Overall Body Height2.983m

Min Body Ground Clearance1.476m

Track Width2.480m

Lock to Lock Time4.00s

Kerb to Kerb Turning Radius11.350m

 Parked vehicle/s

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
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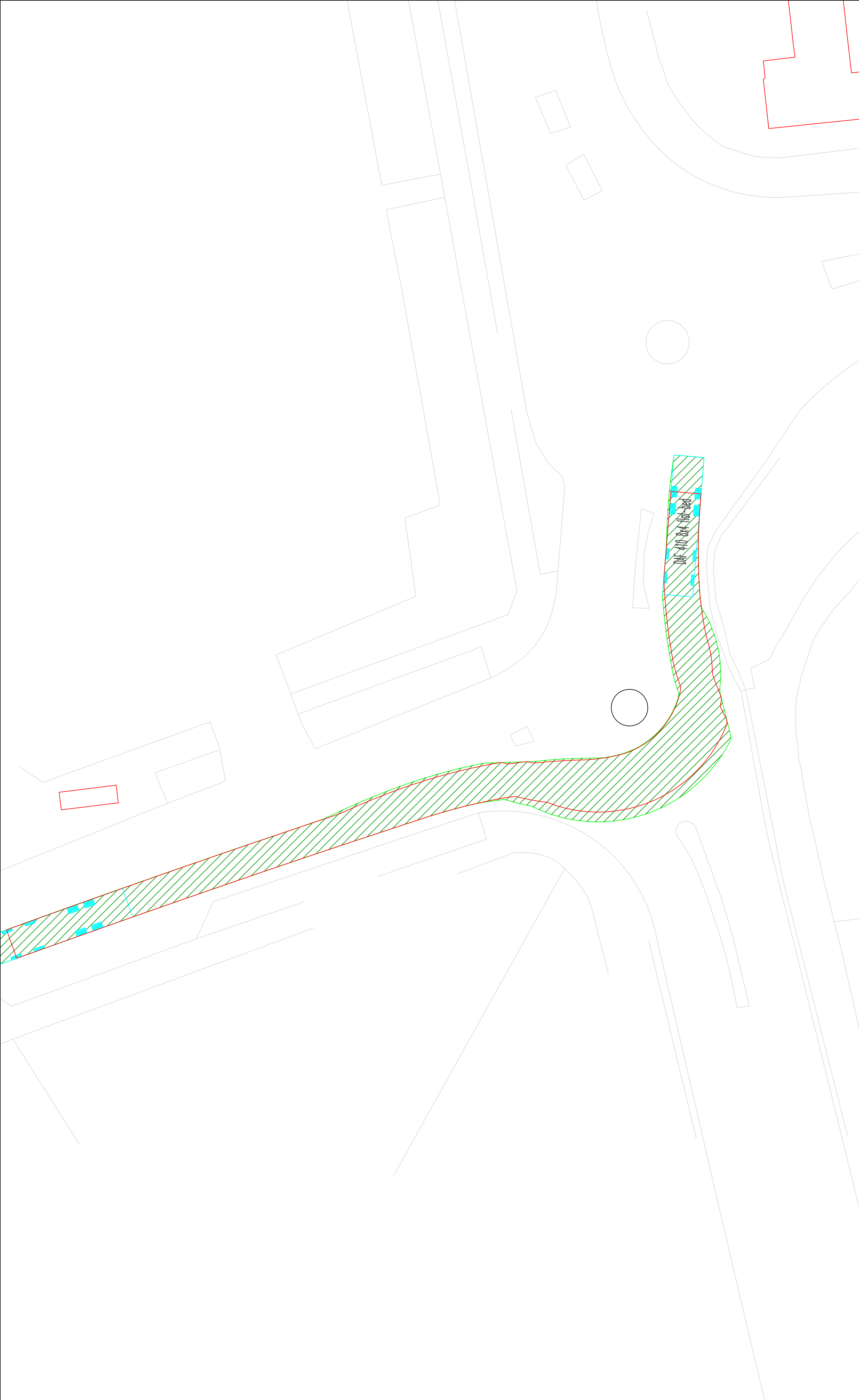
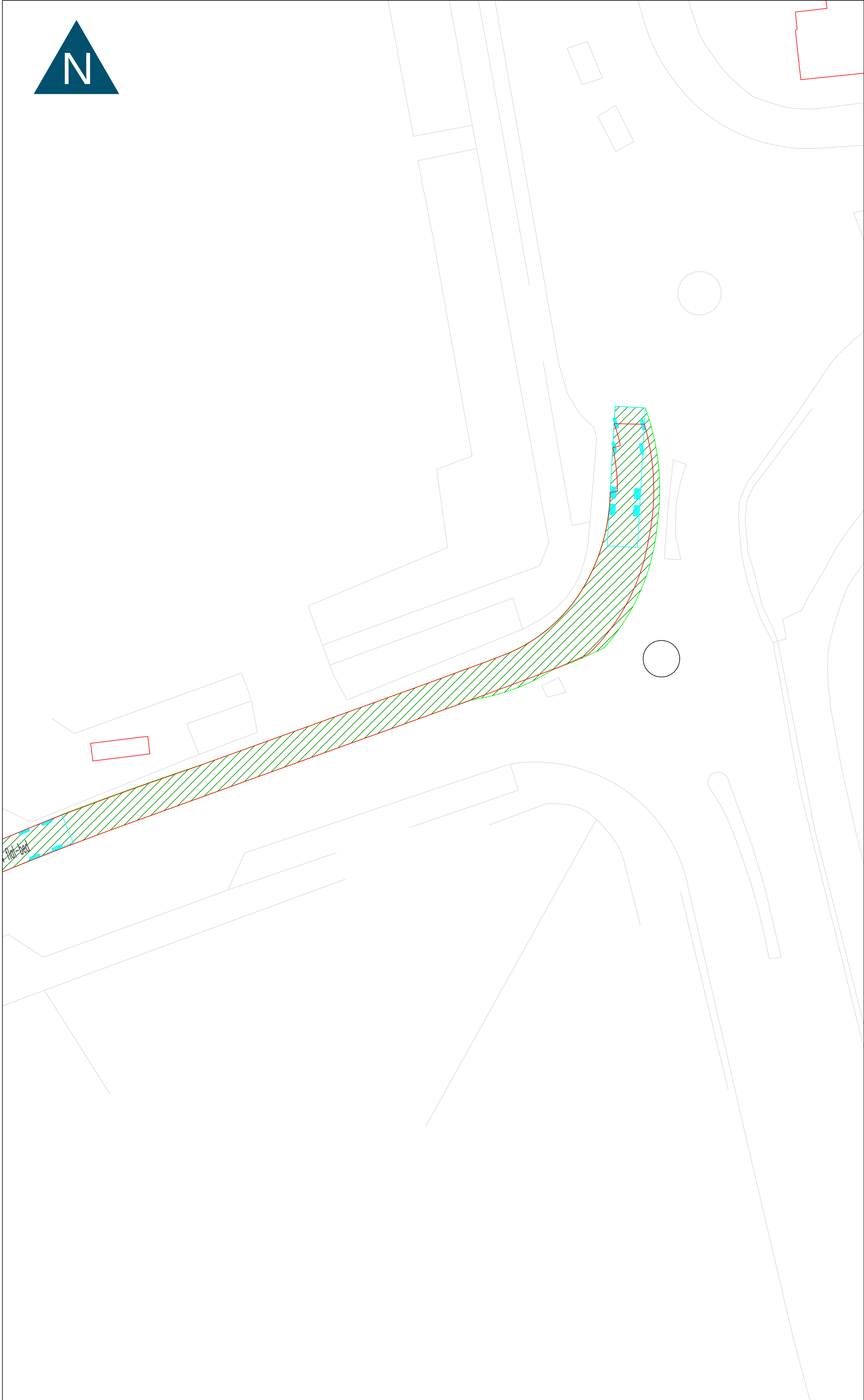
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Drawing Status	Date 04/09/2025
PRELIMINARY	Scale 1:200@A1
Project	Drawn DT
Oughtonhead Lane, Hitchin	Checked HLJ
	Project No 18182
Title	Client Project No
Swept path analysis 11.5m flatbed	Revision
Drawing No 18182.OS.113.08	

Appendix B





GENERAL NOTES

1. This drawing to be read in conjunction with all relevant civil engineering drawings.

LEGEND

DAF 410 8x4 flat-bed	11.47m
Overall Length	2.48m
Overall Width	2.98m
Overall Body Height	1.47m
Min Body Ground Clearance	2.48m
Track Width	4.00s
Lock to Lock Time	11.350m
Kerb to Kerb Turning Radius	

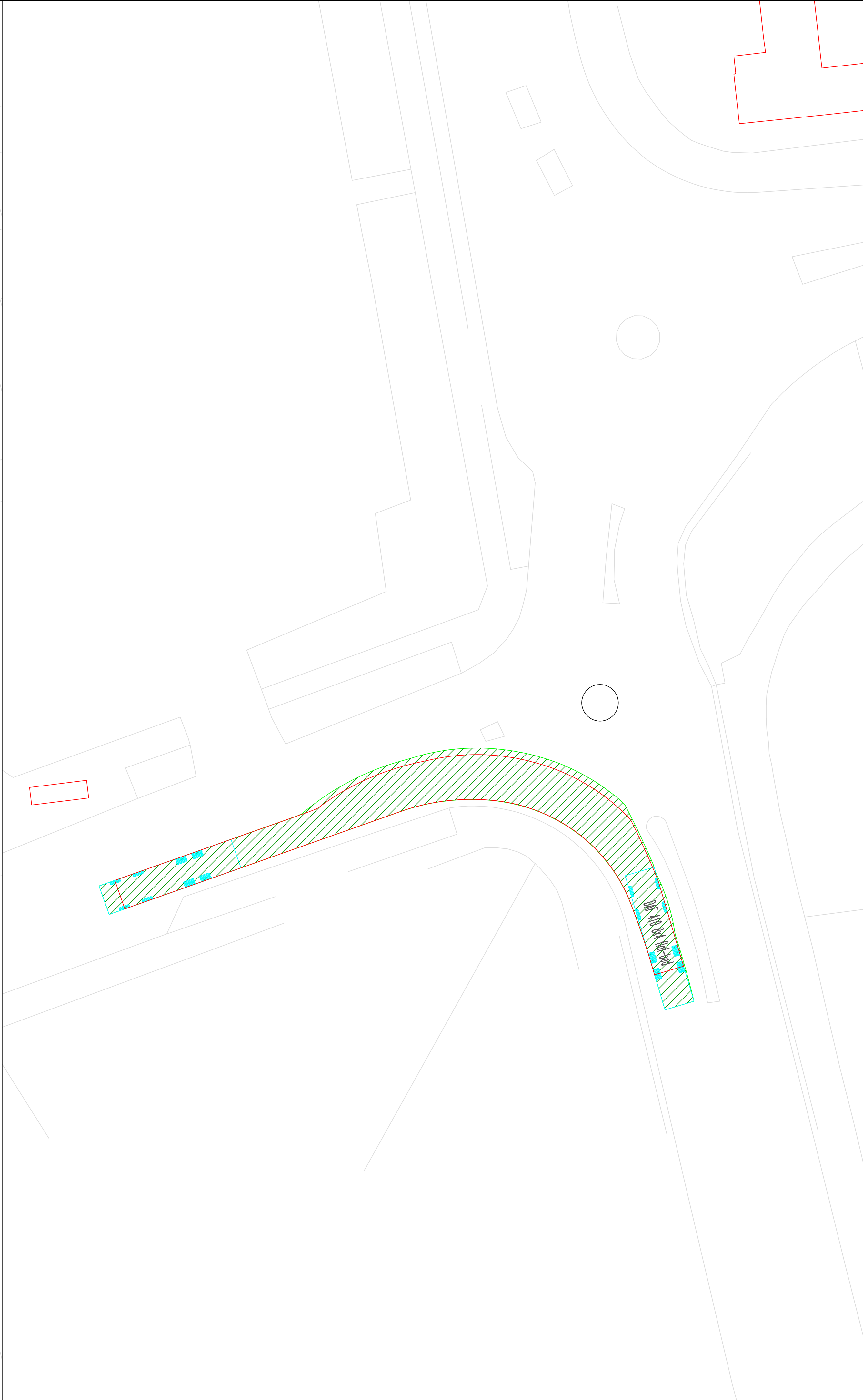
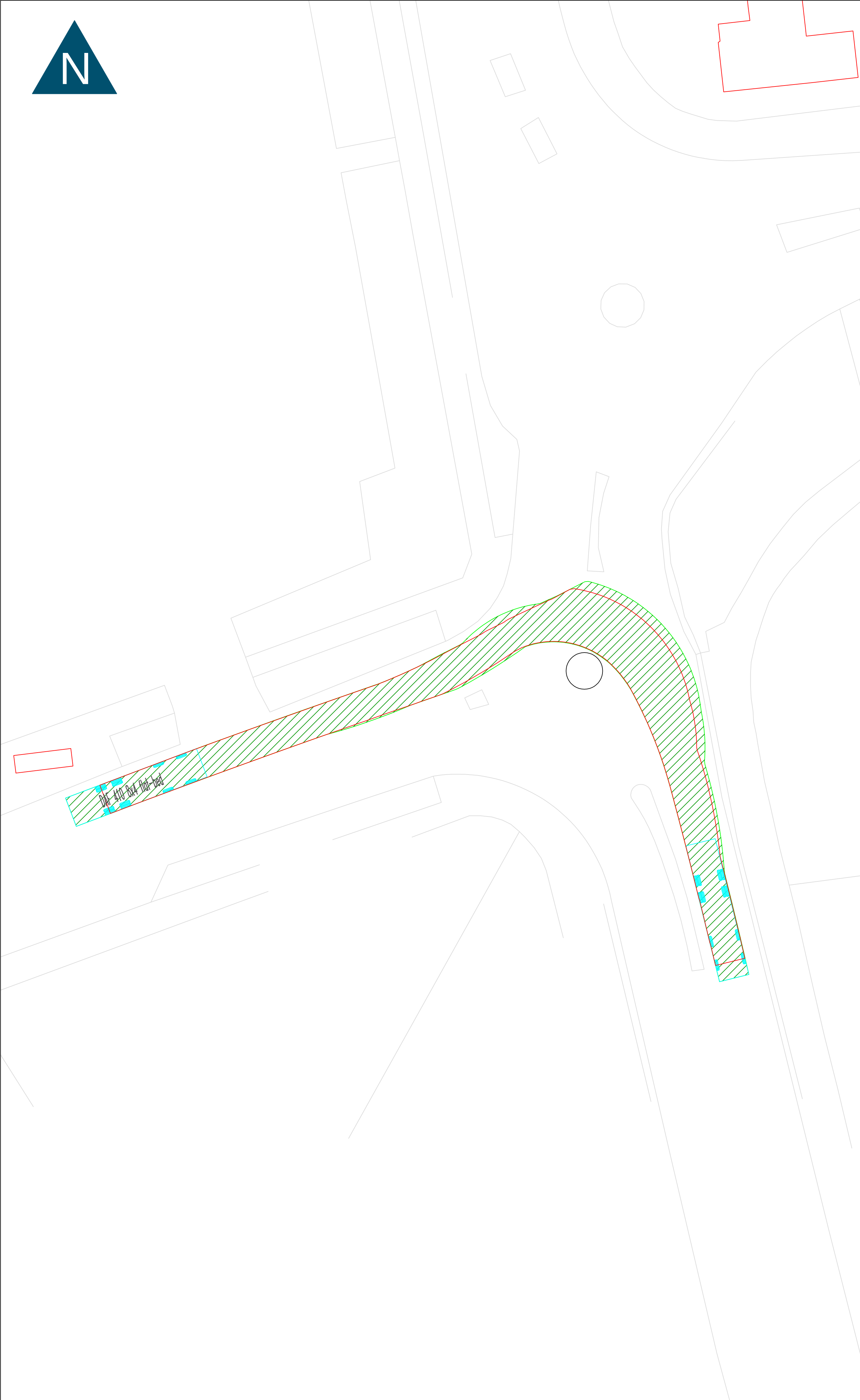
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Rev	Date	Description	Drawn	Check
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Drawing Status	Date 04/09/2025
PRELIMINARY	Scale 1:200@A1
Project	Drawn DT
Oughtonhead Lane, Hitchin	Checked HLJ
	Project No 18182
Title	Client Project No
Swept path analysis 11.5m flatbed	Revision
Drawing No 18182.OS.113.09	



GENERAL NOTES

1. This drawing to be read in conjunction with all relevant civil engineering drawings.

LEGEND

DAF 410 8x4 flat-bed	11.470m
Overall Length	2.480m
Overall Width	2.983m
Overall Body Height	1.476m
Min Body Ground Clearance	2.480m
Track Width	4.00s
Lock to Lock Time	11.350m
Kerb to Kerb Turning Radius	

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
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Drawing Status	Date 04/09/2025
PRELIMINARY	Scale 1:200@A1
Project	Drawn DT
Oughtonhead Lane, Hitchin	Checked HLJ
	Project No 18182
Title	Client Project No
Swept path analysis 11.5m flatbed	Revision
Drawing No 18182.OS.113.10	