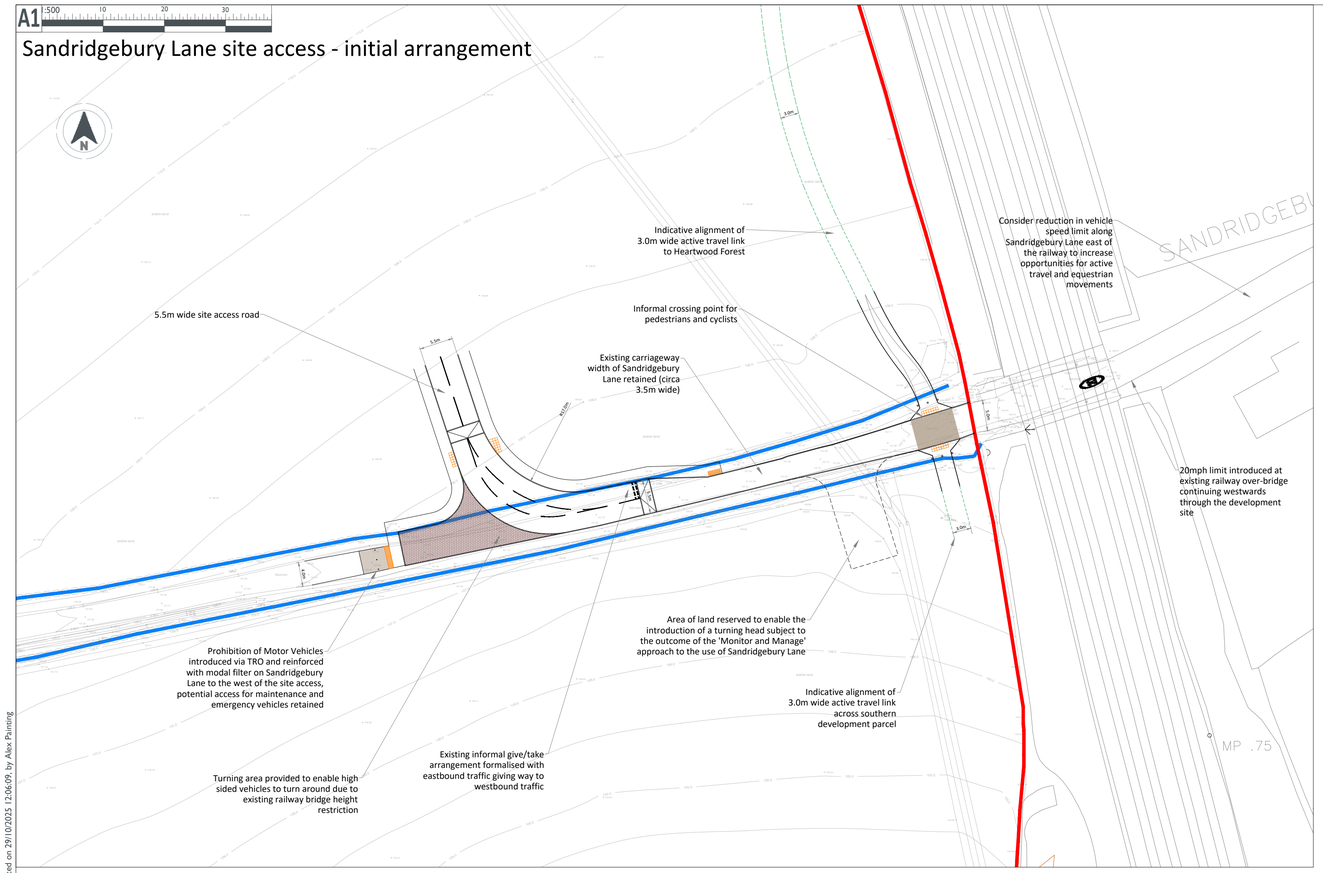
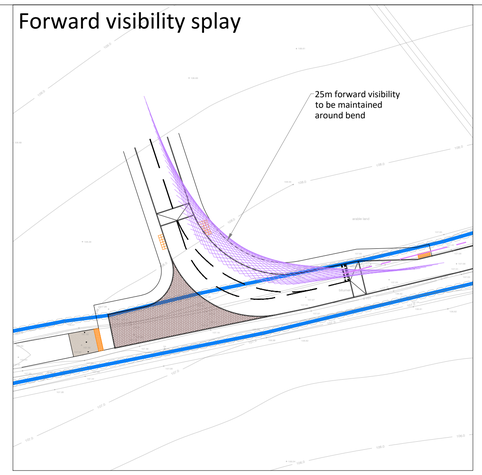
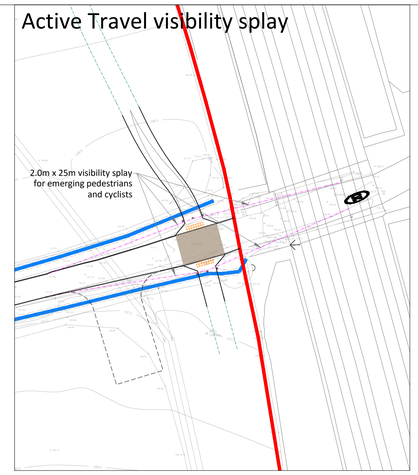
Sandridgebury Lane site access - initial arrangement



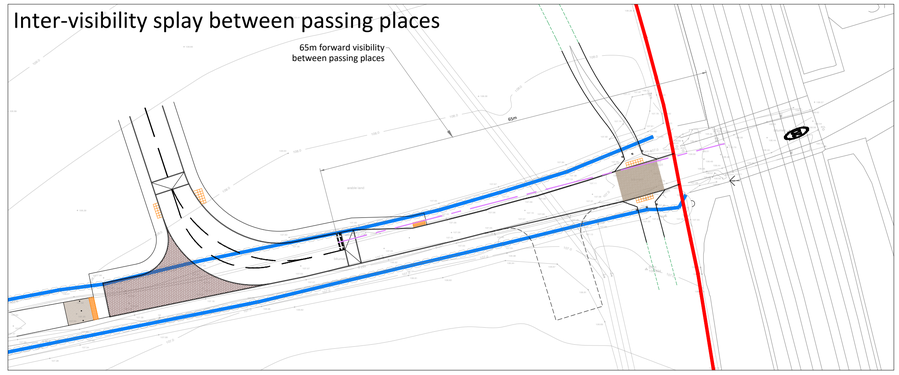
Forward visibility splay



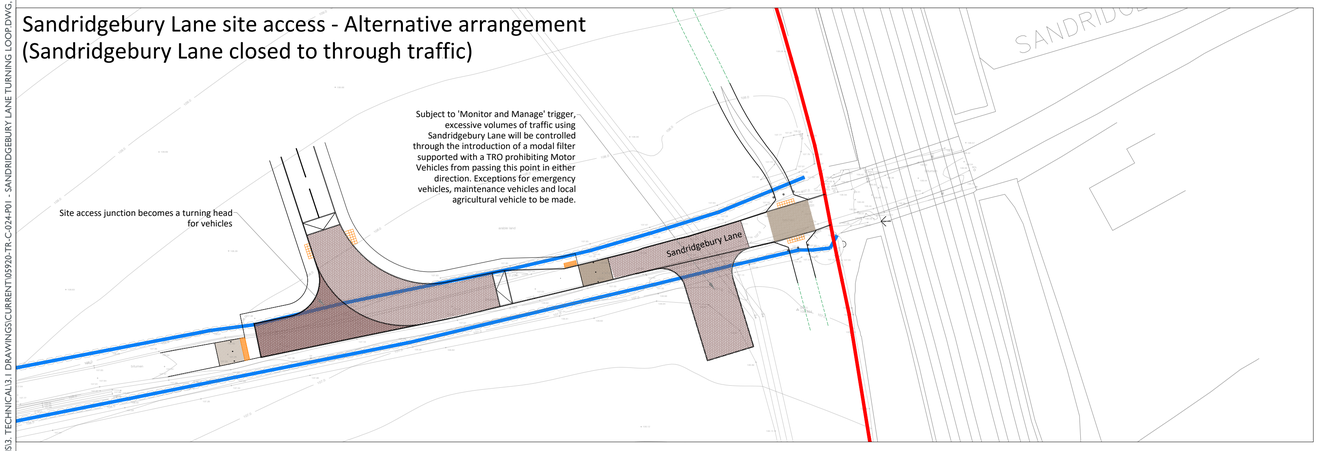
Active Travel visibility splay



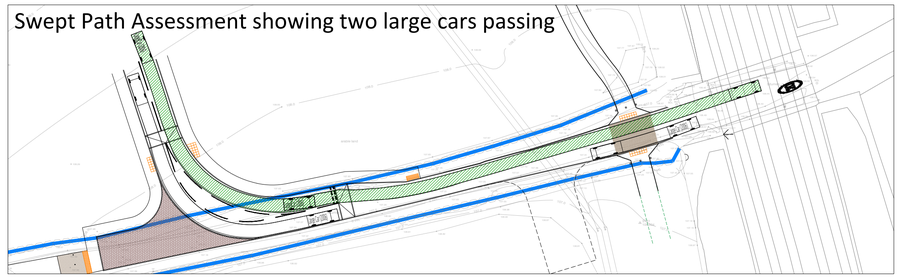
Inter-visibility splay between passing places



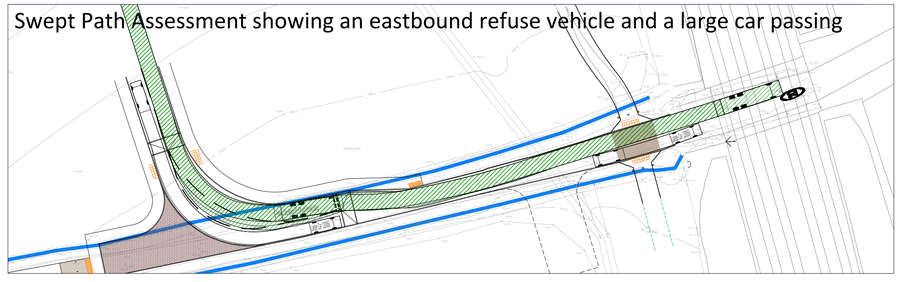
Sandridgebury Lane site access - Alternative arrangement (Sandridgebury Lane closed to through traffic)



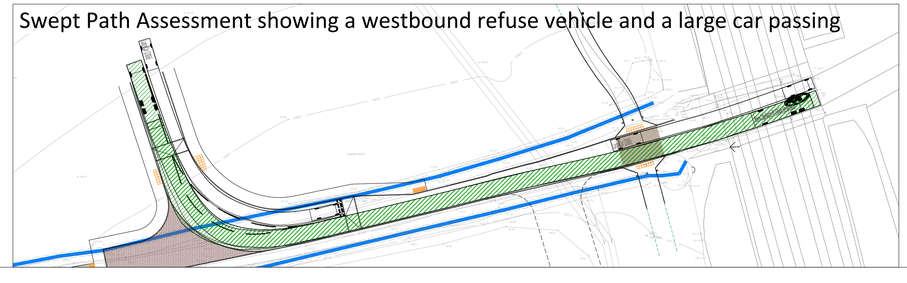
Swept Path Assessment showing two large cars passing



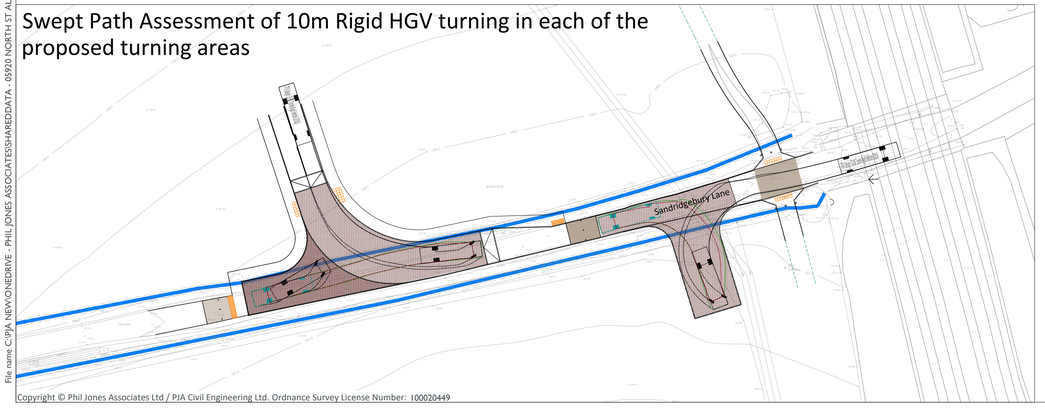
Swept Path Assessment showing an eastbound refuse vehicle and a large car passing



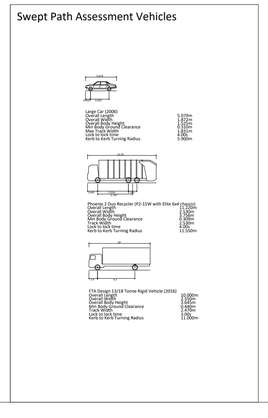
Swept Path Assessment showing a westbound refuse vehicle and a large car passing



Swept Path Assessment of 10m Rigid HGV turning in each of the proposed turning areas



Swept Path Assessment Vehicles



CDM Note

These drawings have been produced with reference to the CDM Regulations 2015.
Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9.

Notes

1. Do not scale from this drawing.
2. All dimensions in metres unless stated otherwise.
3. This drawing is based on OS mapping.
4. This drawing is not to be reproduced in any part or form without consent of PJA Civil Engineering Ltd. All copyright reserved.
5. The design details presented must be reviewed in conjunction with the wider site information and site constraints.
6. No liability will be accepted by PJA for neglegence or otherwise in relation to the accuracy of the OS mapping which has been received from third parties and it's contents.
7. Reproduction from the Ordnance Survey map with permission of the controller of His Majesty's Stationary Office.
8. The purpose of this drawing is to show the location and form of a new signal-controlled junction to form the access into a new residential development.

   The drawing has been produced to support an outline planning application.

   From a planning perspective, the purpose is to show where access is to be formed and indicate an engineering solution for the road / cycle / pedestrian link arrangements. The alignment and technical details of those arrangements are not fixed at this stage and will be resolved via condition.
9. The design is Preliminary and subject to discussions with the local planning and highway authorities. The drawing should not be used for tendering or construction purposes and requires further development as part of the pre-planning application and understanding of highway authority preferences, which vary between authority.
10. All works are proposed to be within the highway boundary or Developer owned land. It is assumed that the highway and site boundary abut each other.
11. Site specific detailed surveys need to be carried out to confirm design information, which may impact the outline design proposals. These include, but are not limited to, ground conditions, groundwater levels, utilities, ecology, tree protection etc. Impacts related to other civils features have not been detailed and are subject to detailed design.
12. Any existing details which are shown on this drawing are for guidance only and are to be checked on site.
13. The existing road widths are based upon OS mapping data.
14. The proposals outlined are subject to Road Safety Audits.
15. The junction has been designed in accordance with the guidance as listed below:
    - CD 109 Highway Link Design (revision 1)
    - CD 123 Geometric Design of At Grade Priority and Signal Controlled Junctions (revision 2.1.0)
    - Manual for Streets (2007)
    - Manual for Streets (2010)
    - LTN 1/20 Cycle Infrastructure Design (July 2020)
16. The design criteria and philosophy is subject to local authority agreement.

Rev	Date	Revision Note	Drw	Chk	App
P1	29.10.2025	Drawing issue status updated to 'For Planning'	AP	MM	MM
		FIRST ISSUE			

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Client
Hallam Land Management

Project
Land at North St Albans

Title
Proposed site access junction arrangement
Sandridgebury Lane

Drawing Issue Status
For Planning

PJA Ref	Scale @ A1	Date
05920	1:500	August 25

Drawing No.
05920-TR-C-024

Revision
P1

Primary Contact
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File name: C:\PJA NEW\ONEDRIVE - PHIL JONES ASSOCIATES\SHAREDDATA - 05920 NORTH ST ALBANS\3. TECHNICAL\3.1 DRAWINGS\CURRENT\05920-TR-C-024-P01 - SANDRIDGEBURY LANE TURNING LOOP.DWG, printed on 29/10/2025 12:06:09, by Alex Painting