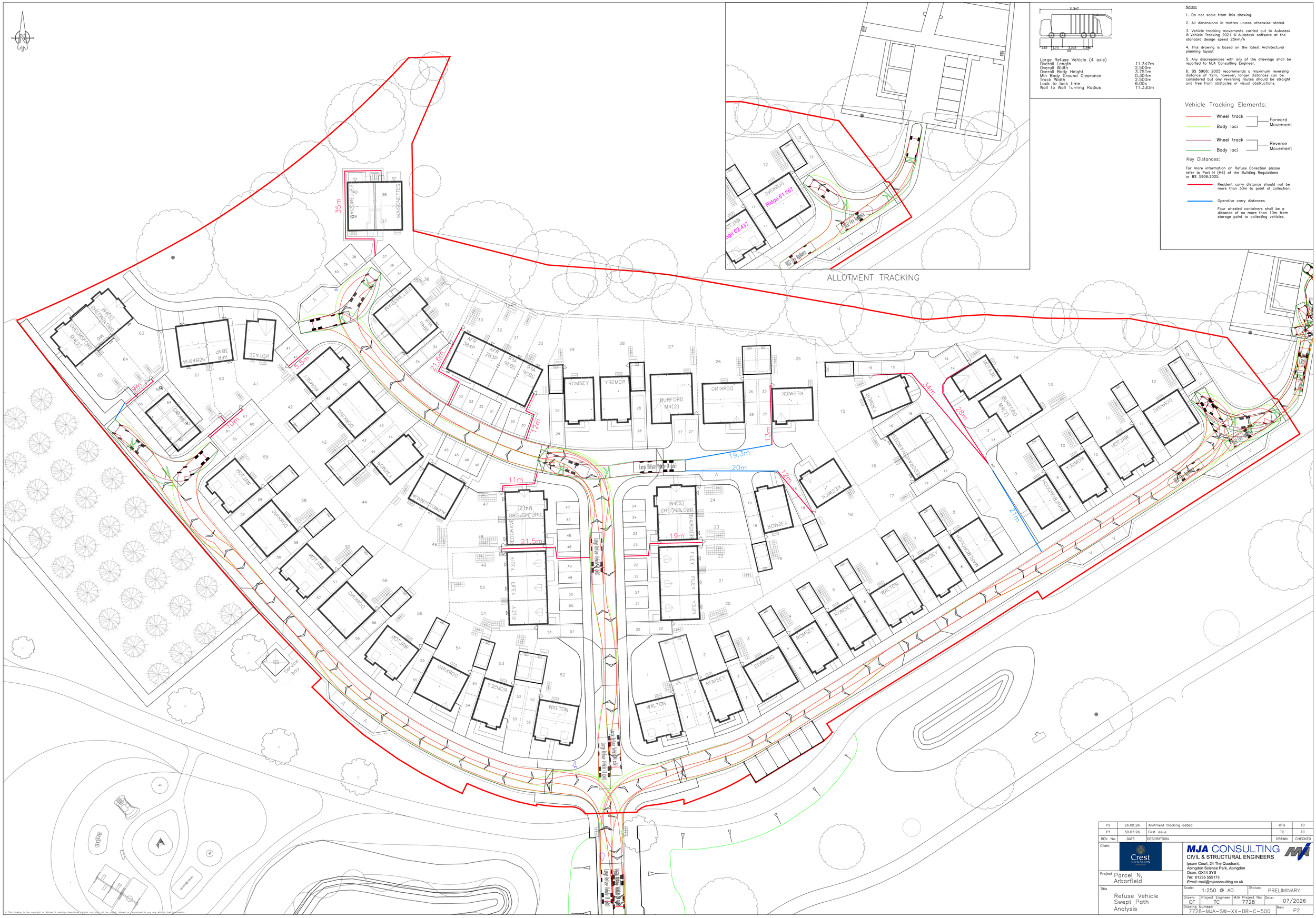

Large Refuse Vehicle (4 axle)

Overall Length	11.347m
Overall Width	2.500m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	6.00s
Wall to Wall Turning Radius	11.330m

Notes:

1. Do not scale from this drawing.
2. All dimensions in metres unless otherwise stated.
3. Vehicle tracking movements carried out to Autodesk ® Vehicle Tracking 2021 © Autodesk software at the standard design speed 25km/h
4. This drawing is based on the latest Architectural planning layout
5. Any discrepancies with any of the drawings shall be reported to MJA Consulting Engineer.
6. BS 5906: 2005 recommends a maximum reversing distance of 12m, however, longer distances can be considered but any reversing routes should be straight and free from obstacles or visual obstructions.

Vehicle Tracking Elements:

- Wheel track — Forward Movement
- Body loci — Forward Movement
- Wheel track — Reverse Movement
- Body loci — Reverse Movement

Key Distances:

For more information on Refuse Collection please refer to Part H (H6) of the Building Regulations or BS 5906:2005

- Resident carry distance should not be more than 30m to point of collection.
- Operative carry distances.

Four wheeled containers shall be a distance of no more than 10m from storage point to collecting vehicles.

REV. No.	DATE	DESCRIPTION	DRAWN	CHECKED
P2	26.08.26	Allotment tracking added	KTG	TC
P1	30.07.26	First issue.	TC	TC

Client: Crest Nicholson

Project: Parcel N, Arborfield

Title: Refuse Vehicle Swept Path Analysis

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Scale:	Status:		
1:250 @ A0	PRELIMINARY		
Drawn: CF	Project Engineer: TC	MJA Project No: 7728	Date: 07/2026
Drawing Number: 7728-MJA-SW-XX-DR-C-500			Rev: P2

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