

Client:	One YMCA
Document Type:	Technical Note – Waste Collection Strategy
Document Reference:	R-24-0183-TN-01
Date:	12 November 2024

1. Introduction

- 1.1.1. Evoke Transport Consultants ('Evoke') has been commissioned by OneYMCA to summarise the waste collection strategy for Anderson House, Florence Street, Hitchin which is subject to a planning application (ref: 24/02173/FP) for the following:

Change of use from care home (use class C2) to supported hostel accommodation (sui generis) and provision of additional car parking, refuse/recycling store and cycle storage. Erection of single storey store.

- 1.1.2. The note has been prepared in response to the Waste and Recycling Officer's comments dated 7 November 2024 which reads as follows:

"Vehicle tracking is not provided in this planning application. Without correct information I am not able to determine that the proposal can meet the requirements.

We currently operate several different-sized vehicles. The majority that we operate at present are 26 tonnes with a 6x2 chassis. The chassis configuration differs between vehicles, but the largest turning circle is on our mid-steer vehicles.

Typical maximum dimensions are as follows:

Width: 2,500mm (without mirrors)

Height: 3,400mm (without hazard beacons)

Turning circle: 22,800mm

Overall length: 12,100mm (from front to rear of bin lift)

Vehicles should be able to enter and exit a site in forwards motion and any reversing manoeuvres should be kept to a minimum and not more than 12m. It is important that the Highways Authority agree any proposed accesses into and out of a site onto the highway regardless of whether they adopt any new road.

Vehicular access in terms of vehicle weight, turning circles, visibility splays, width, etc, needs to be considered in the design.

More information can be found on <http://www.north-herts.gov.uk/home/planning/waste-and-recycling-provision>"

- 1.1.3. The remainder of this note clarifies the existing and proposed waste collection arrangements for Anderson House, in order to address the comments above.

2. Existing Arrangements

- 2.1.1. Existing arrangements for waste and recycling at Anderson House, which is a care home (C2), comprise on street collections from the primary access to the north of Anderson House, on Florence Street, with residential waste bins placed immediately north and south of the primary access. It is proposed that a similar arrangement will be provided under the application.

2.2. Proposed Arrangements

- 2.2.1. The proposed waste collection strategy is shown in Drawing R-24-0183/001 at Appendix A and is summarised as follows:

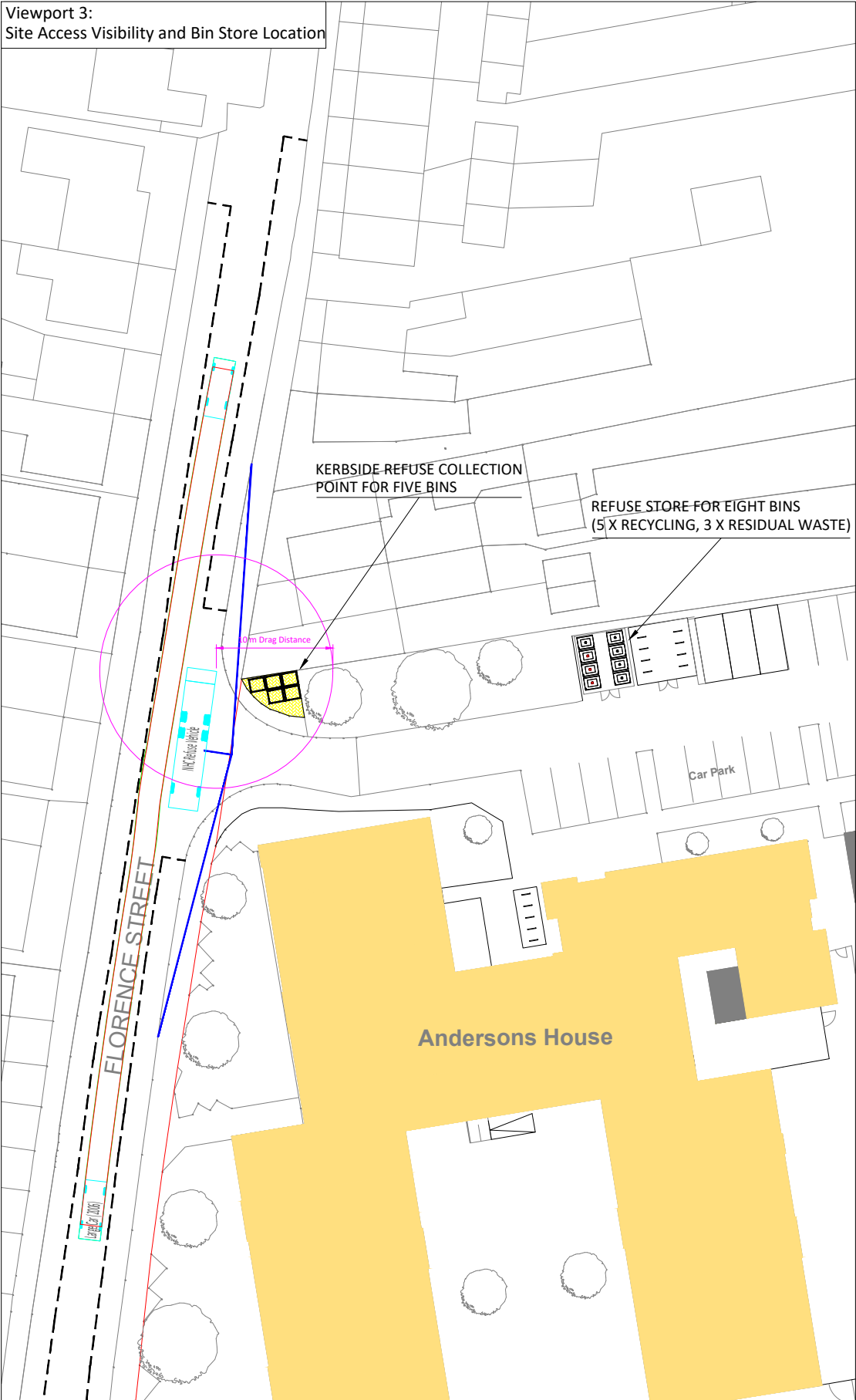
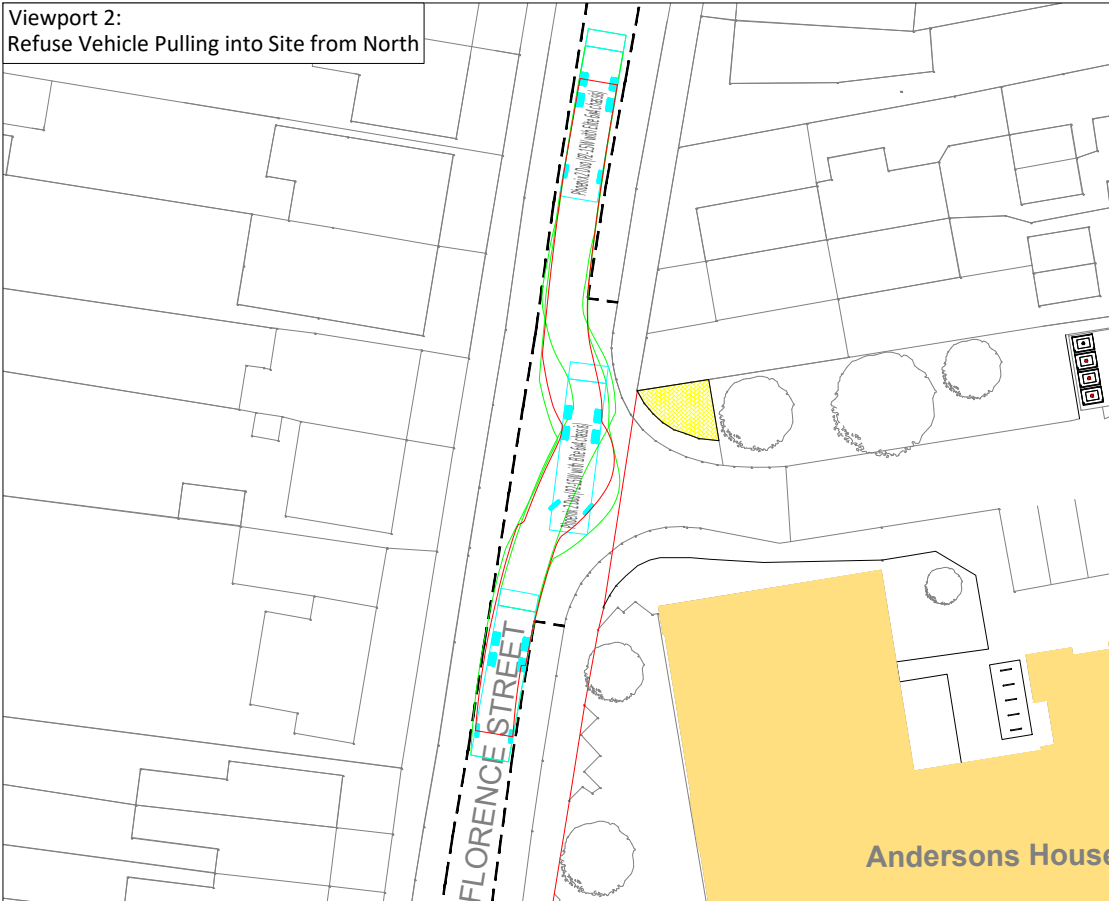
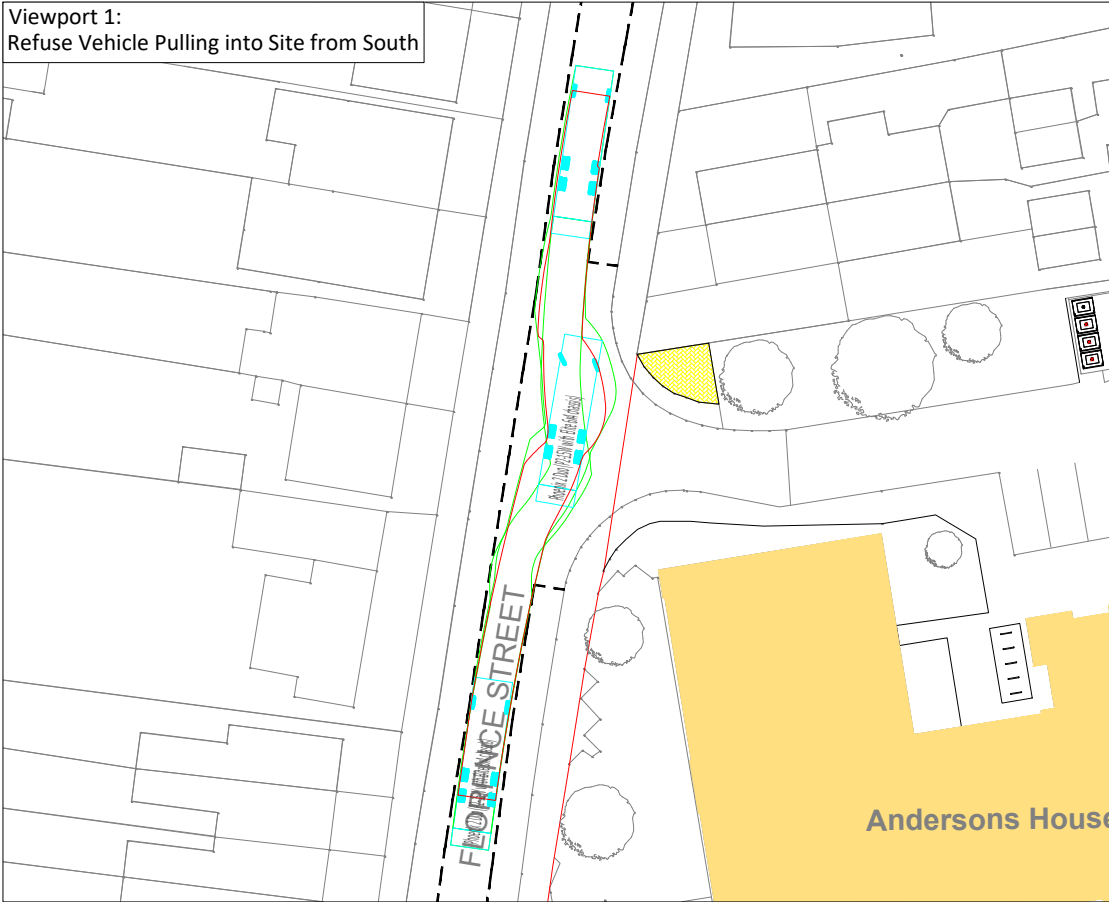
- Waste collection will take place from the primary site access to Anderson House on Florence Street as per the existing arrangements for waste collection. As a commercial development, waste collections are expected to be undertaken by a private waste contractor and facilitated by site management.
- A bin store is to be provided to the north of Anderson House with space for up to eight 1100l Eurobins accommodating two waste streams (5 x recycling bins and 3 x residual waste bins).
- The appropriate bins will be taken to a bin collection point on the appropriate day of collection by the site management company, which is proposed to the north of the site access point (see plan at Appendix A). The collection point will be located within 10m of the vehicle pick-up point in accordance with North Hertfordshire Council 'Waste and recycling provision' guidance. The maximum storage requirements at any one time will be five bins and therefore the waste collection point will be sized to accommodate 5 x 1100l Eurobins. The holding area is flat, and it is not necessary to provide a structure as the bins will only be in the holding area for a short time.
- A waste collection vehicle will pull up the access point to pick-up waste. This may temporarily block access the site to the site, but again this will be consistent with existing arrangements. Swept paths for a 12.0m waste collection vehicle in accordance with North Hertfordshire Council 'Waste and recycling provision' guidance ([Waste and recycling provision | North Herts Council](#)) has been provided at Appendix A for the on-street pick-up arrangement as a maximum; although it is noted that collections by smaller vehicles as a private contract are likely.
- The waste collection point has been located outside the visibility splays for the access (2.4m x 25m assuming 20mph design speed) as shown by the drawing at Appendix A.
- Once waste collection is completed, site management will then arrange for the bins to be returned to the bin store area. As waste is to be collected by a private waste company, this process can be tightly controlled.

3. Summary

- 3.1.1. All bins associated with the proposed development will be stored within a bin store located to the north of Anderson House, with collection point located close to the primary access to facilitate collection from Florence Street. The collection point will be located within the maximum carry distance for waste operatives (10m), in accordance with national and local guidance.
- 3.1.2. The strategy therefore clarifies the proposed waste and recycling collection arrangements for Anderson House (ref: 24/02173/FP) and demonstrates that appropriate waste collection arrangements are proposed to service the site, which fall in line with standards and guidance and reflect current arrangements.

Appendix A – Waste Collection Plan

C:\Users\Tim\Wilcox\Evoke Transport\Projects - Documents\2024\R-24-0183 Anderson House, Hitchin\50 Drawings\51 AutoCAD\R-24-0183.001.dwg



NOTES

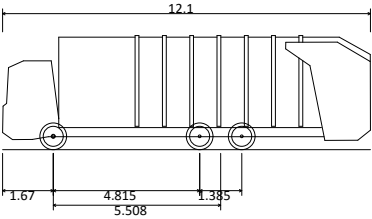
- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- EVOKE TRANSPORT PLANNING CONSULTANTS LIMITED ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THIRD PARTY INFORMATION - THIS MUST BE TREATED AS INDICATIVE ONLY.
- VISIBILITY SPLAYS ARE BASED ON THE SPEED LIMIT OF 20 MPH

KEY

- 2.4m x 25m VISIBILITY TO KERBLINE
- SITE BOUNDARY
- HARD STANDING FOR KERBSIDE BIN STORE
- INDICATIVE LOCATIONS OF ON-STREET PARKING BAYS

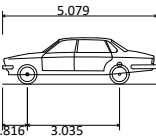
VEHICLE PROFILE

NHC Refuse Vehicle



Overall Length 12.100m
Overall Width 2.530m
Overall Body Height 3.751m
Min Body Ground Clearance 0.304m
Track Width 2.500m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 11.400m

Large Car (2006)



Overall Length 5.079m
Overall Width 1.872m
Overall Body Height 1.525m
Min Body Ground Clearance 0.310m
Max Track Width 1.831m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 5.900m

VEHICLE TRACKING KEY

- BODY OUTLINE FORWARD MANOEUVRE
- BODY OUTLINE REVERSE MANOEUVRE
- CHASSIS OUTLINE FORWARD MANOEUVRE
- CHASSIS OUTLINE REVERSE MANOEUVRE

-	Initial Drawing	TW	PK	13.11.24
Rev	Amendment	Drn	App	Date

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Drawn by TW	Approved by PK	Date 13.11.24
Scale 1:500 @ A3	Job No R-24-0183	
Drawing No R-24-0183/001	Rev -	



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Project Name ANDERSONS HOUSE, HITCHIN	Drawing Title WASTE COLLECTION STRATEGY
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Client ONE YMCA LIMITED
