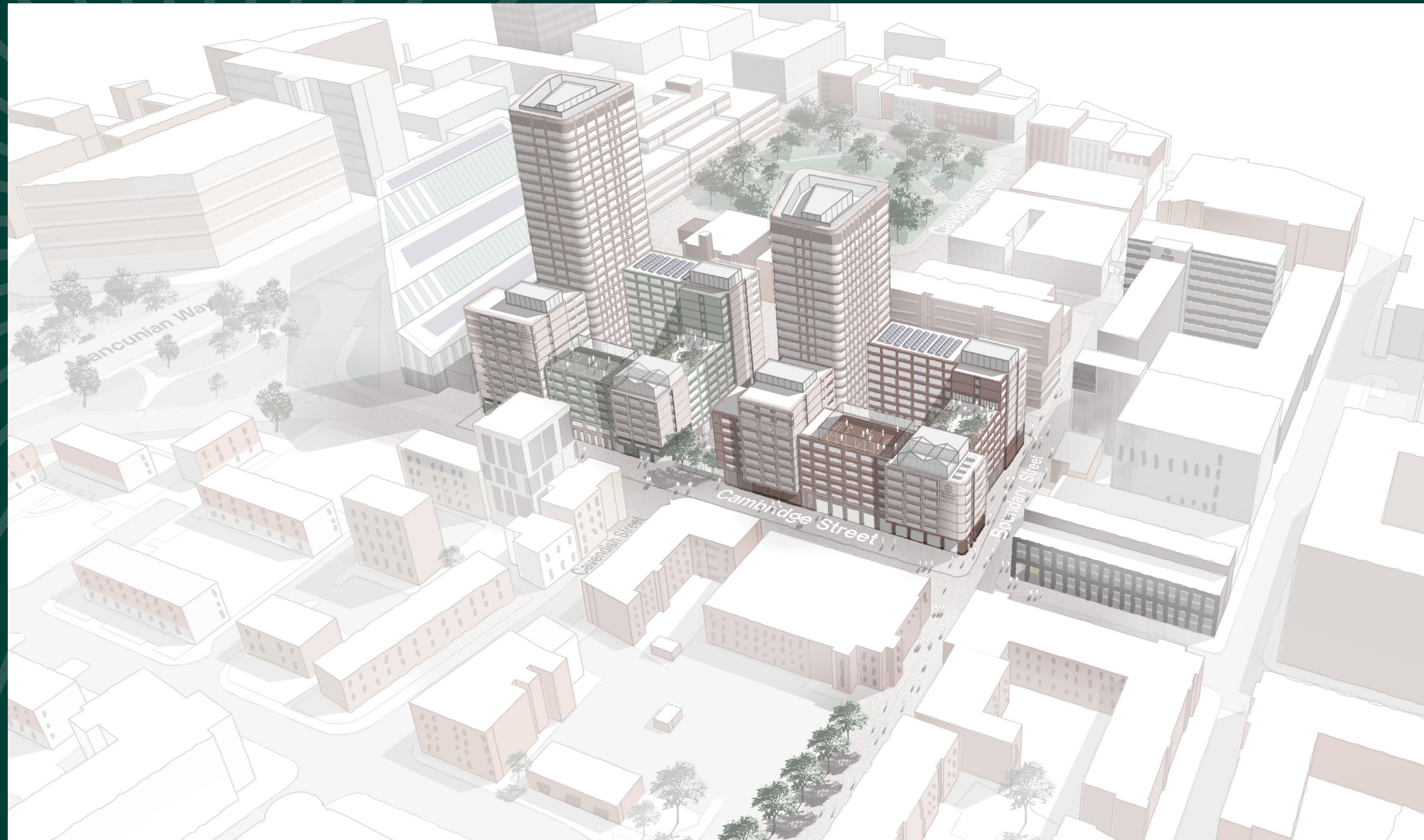


Cambridge Halls

Phase 1 - Refuse storage and disposal (PBSA)

June 2026

CAM-CPA-1Z-XX-RP-A-009110
– Revision P02



**UNITE
STUDENTS**



CARTWRIGHT
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Document history

Revision	Reason for Issue	Date	Prepared by	Checked by
P01	For Planning condition 38a	10/04/2026	LP	CP
P02	For Planning Condition 38a	16/06/2026	LP	CP



View from Cambridge Street

1.1 Waste storage within blocks

38a – Refuse storage and disposal (PBSA)

Notwithstanding the details shown within the approved drawings and documents, prior to the commencement of development within Phase 1 of the development, details of the storage and disposal of refuse for the PBSA within Phase 1 shall be submitted to and approved in writing by the City Council as local planning authority.

Guidance

- BS 5906:2005 Code of Practice for methods of storage, collection, segregation for recycling and recovery, and on-site treatment of waste
- The Building Regulations 2010 Approved Document H
- Manchester City Council Planning Policy and Guidance
- Domestic Waste and Recycling Service Standard, April 2024

H6: Solid Waste Storage

The refuse stores are located around the perimeter of the development, which the students will transfer their waste to from their designated block.



Resident route



Main entrance



Secure line



Fire fighting stair access



Courtyard access



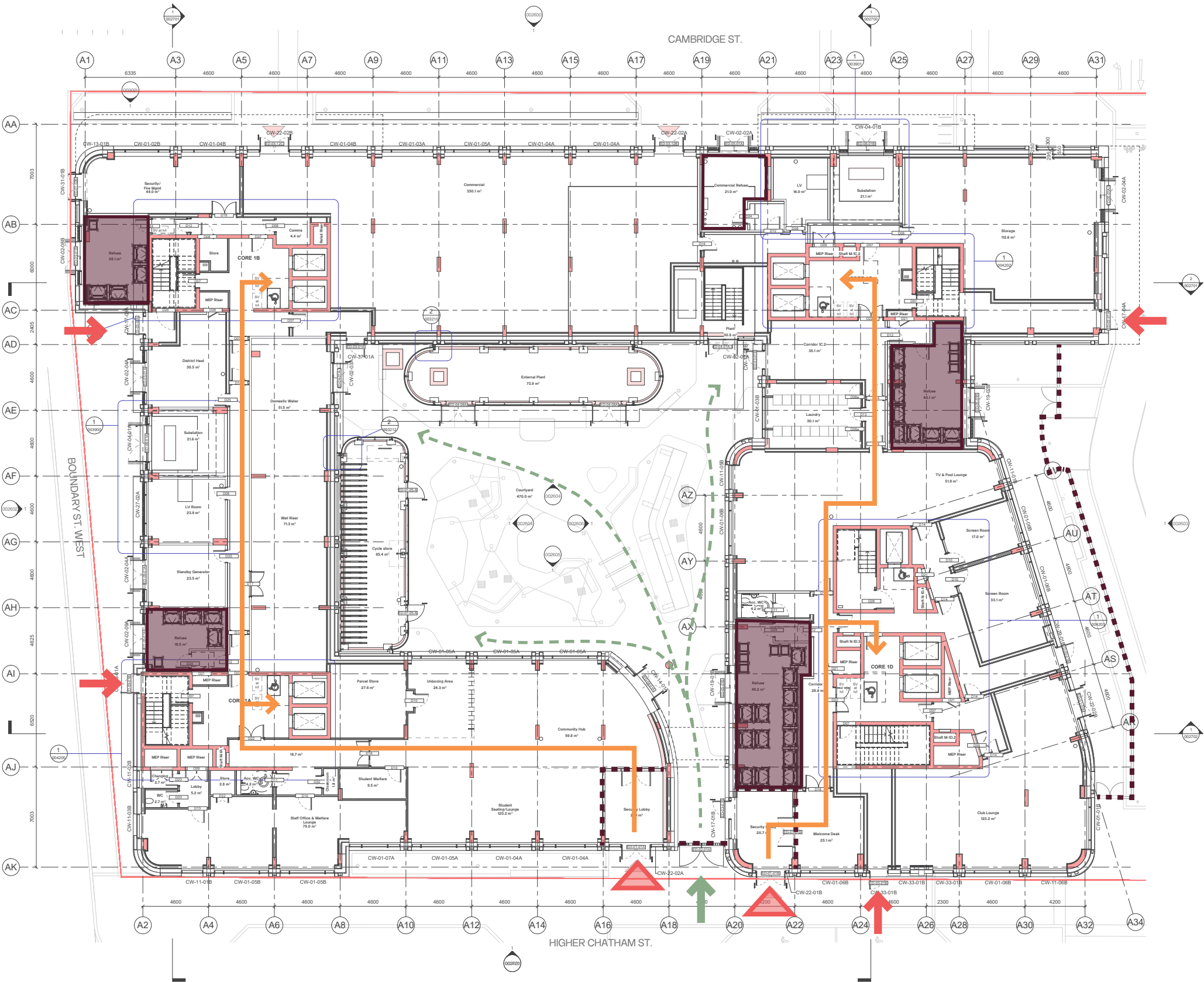
Bike store & alternative core access



PBSA Refuse Stores



Commercial Refuse Store



1.2 Waste storage capacity

Capacity Calculations

As per Waterman Operational Waste Management Plan

Waste storage capacity requirements for the proposed PBSA has been calculated using the DAS accommodation schedule, MCC waste storage requirements, and relevant guidance including Simpler Recycling.

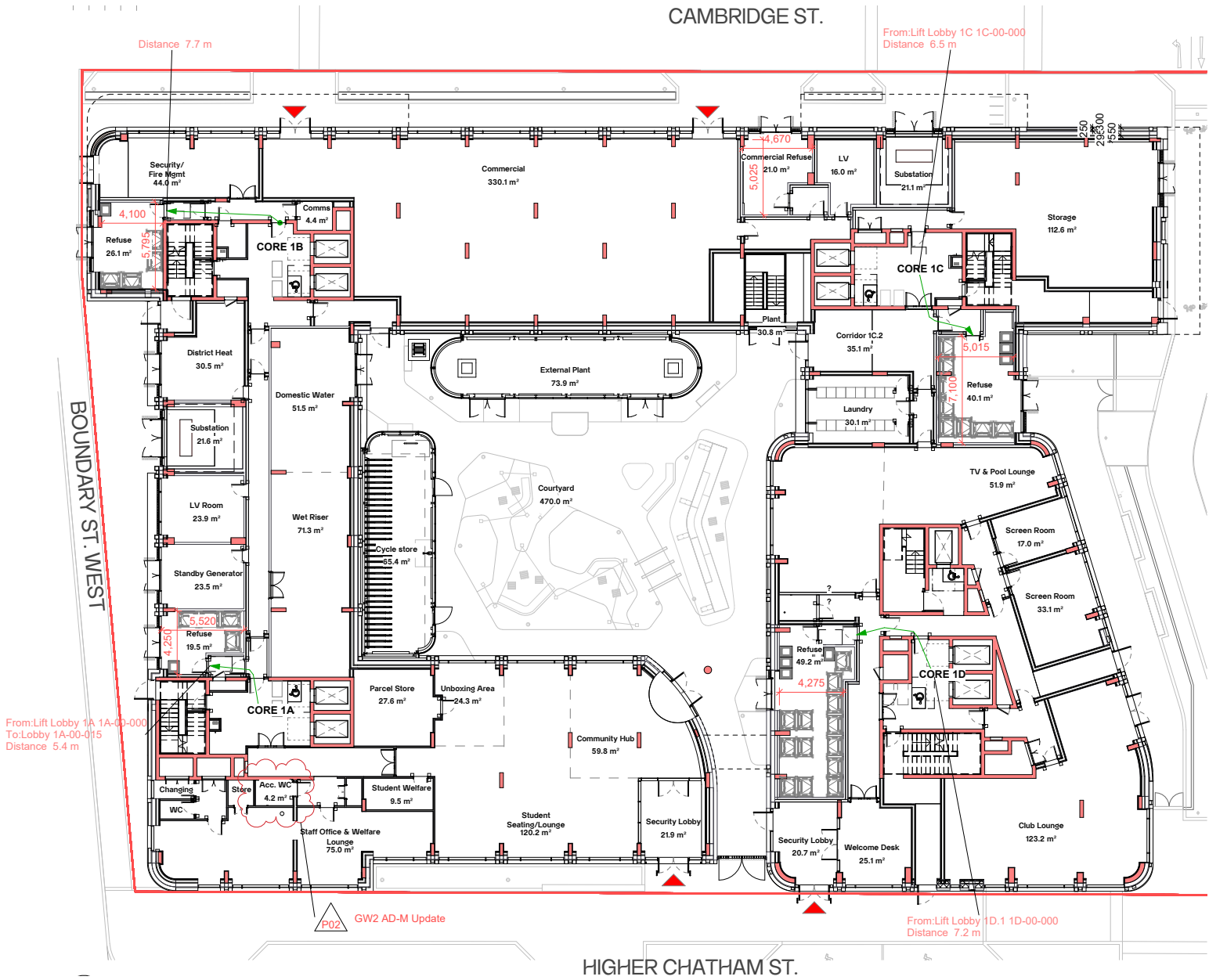
Waste will be stored within the following constraints (as per the MCC guidance):

- 1,100 litre Euro-bins for general waste, pulpable recycling (paper and card) and commingled recycling (other MDR); and
- 240 litre bins for food waste
- All four waste streams will be collected twice a week
- 29% of the waste storage capacity will be allocated to pulpable recycling, 29% to commingled recycling, 35% to general waste, and 7% to food waste in line with the Waste Strategy for England targets.

Unit type	Numbers
Phase 1 Total	1,101

PBSA – Phase 1

Waste Types	Number of bedrooms	Capacity required per bedroom per fortnight (L)	Capacity required per bedroom per four days (L)	Total capacity required (L)	Number of equivalent bins required
General Waste	1,101	36	10	11,450	11No. 1,110L
Pulpable recycling	1,101	30	9	9,548	9No. 1,110L
Commingled recycling	1,101	30	9	9,548	9No. 1,110L
Food waste	1,101	7	2	2,170	10No. 240L



1.3 Internal distances

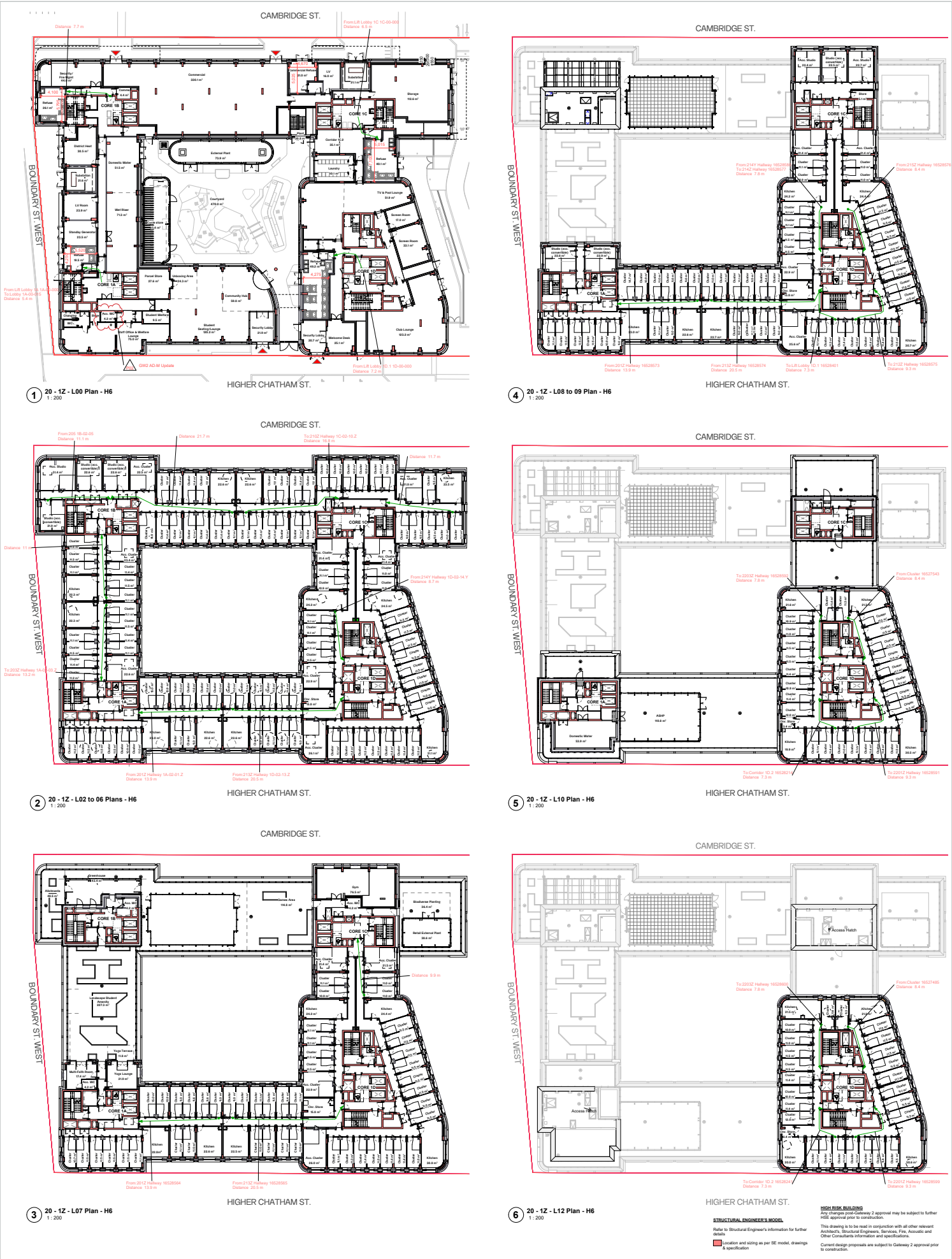
AD H6 - Siting

In accordance with AD-H 1.8 Storage for waste containers (excluding any vertical distance) are less than 30m travel distance from all flats.

Core (Vertical Transport)	Distance from Furthest Room to Refuse Store
1A	19.7m
1B	29.4m
1C	23.3m
1D	27.7m

Diagram plans on right demonstrate compliance with AD-H 1.8

Sizes of stores set to Waterman Operational Waste Refuse Strategy



1.4 Collection points

Collection points and management

Extract from Waterman Operational Waste Strategy

15299-WAT-XX-XX-RP-V-59017

Waste from the PBSA will be collected by private waste collection contractor(s) twice a week. A copy of the waste collection timetable will be located in each flat with instructions for the separation of recyclables.

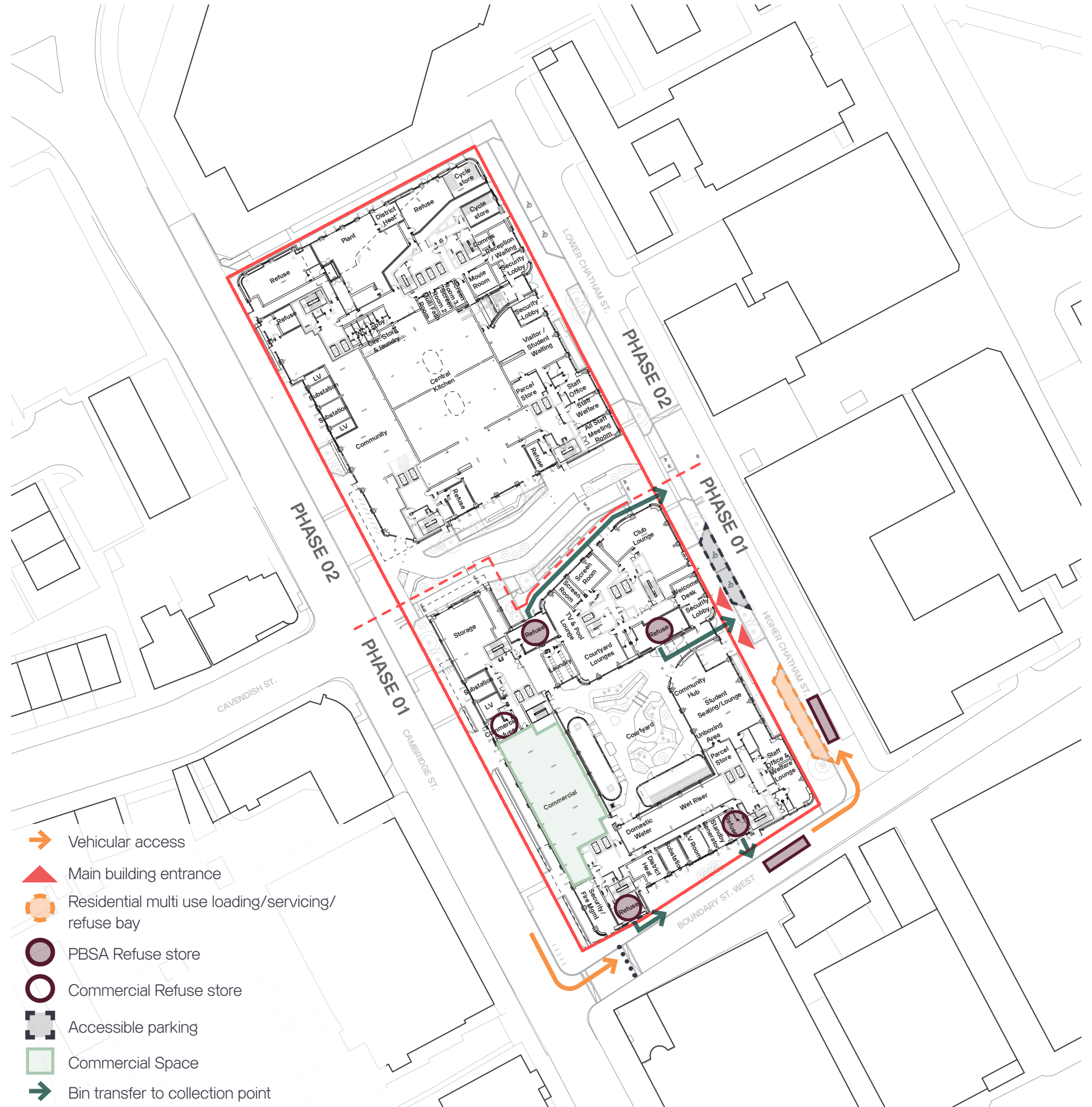
Students will take bags of waste and recycling from their bedrooms to the ground floor bin stores, as shown on the plan adjacent.

On collection day, FM will be responsible for dragging the bins from the ground floor stores to external holding areas and returning empty bins back to their original positions within the stores. The FM team will "shuttle" the bins back and forth while the waste is loaded into the refuse collection vehicle.

In line with MCC guidance, clear routes from the bin stores to the kerbside presentation points have been provided. The external presentation areas will provide adequate space for at least 50% of all containers to be held at one time. RCV operatives will service bins from the presentation areas, these areas will all be located within 10 metres of one of the RCV stopping points.

As per Arup's Transport Statement Addendum

Ref: CAM-ARP-XX-XX-RP-OT-0003, RCVs will access the Site from the west on Cambridge Street and travel around 2 sides of the Site boundary, stopping at three collection points. The first refuse collection point is on Boundary Street West, followed by stops on Higher Chatham Street, and Lower Chatham Street. The RCV will then reverse at the end of Lower Chatham Street, before returning to Cambridge Street via Higher Chatham Street and Boundary Street West.



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