

Waste Management Strategy



This Waste Management Strategy has been prepared in respect of a proposed scheme for 54 residential apartments in a 15 storey building at 48 Store Street, Manchester.

Refuse provision is based on Manchester City Council, GD04 Waste Storage and Collection Guidance for New Developments (Version 6.00, September 2017). The waste pro-forma is located in Appendix A.

For high rise apartment developments, this guide recommends 0.43m² per apartment for container space, with space to manoeuvre and access containers also required.

Apartment Storage

Each apartment will have facilities to allow for the segregation of waste into recyclables and refuse. Residents will be responsible for taking waste from their apartments to the ground floor refuse store.

Spatial Allowance

$$54 \text{ Apartments} \times 0.43\text{m}^2 = 23.2\text{m}^2$$

Number of Refuse Containers

Dividing the spatial allowance by the area of a standard 1100 litre Eurobin (1.73m²)
 $23.2\text{m}^2 / 1.73\text{m}^2 = 13.4$

Rounded up to 14 No. Bins for the development

Waste Types

Based on the guidance, these 14 bins would comprise of general refuse, pulpable recycling, mixed recycling and food waste, to be developed as the design progresses.

Refuse and Recycling Collection

M1 Piccadilly will employ a managed approach to the refuse store, in which bins will be double stacked for spatial efficiency, and regularly monitored and rotated by the building management team to allow residents to access all bins as required.

The refuse and recycling store is located internally. It is fully enclosed and located no greater than 30m from the nearest apartment front door.

On collection days, upon arrival of the collection vehicle, bins will be wheeled from the refuse store to the kerbside by the building management company for immediate emptying.

Once emptied, bins are immediately returned to the refuse store, and will not be left unattended at the kerbside as this is a co-ordinated and managed strategy.

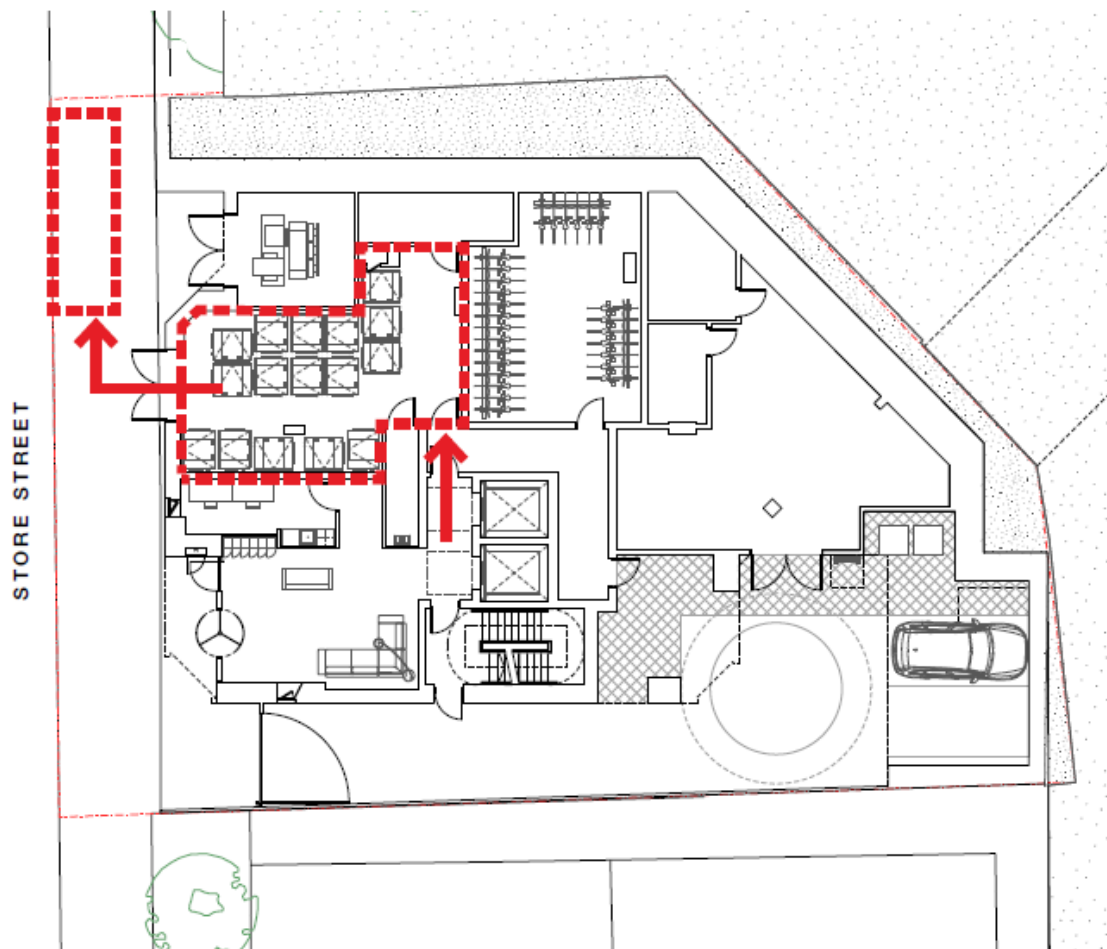


Figure 1 - Location of internal bin store and route of bins to refuse vehicle

Appendix A – Waste Pro-Forma

Appendix E Proforma for Planning Applications



**MANCHESTER
CITY COUNCIL**

Planning Application – Waste Management Strategy

Planning Application Number:

Date Submitted:

Estimated volumes/ m² required by the development

Low Rise Domestic

Waste Types	Capacity Required (litres)	Number of bins required per household	Confirm what is to be provided
General refuse	140 / 240	1 x wheeled bin	N/A
Pulpable Recycling	140 / 240	1 x wheeled bin	N/A
Mixed Recycling	140 / 240	1 x wheeled bin	N/A
Garden Waste	140 / 240	1 x wheeled bin	N/A
Food Waste	23	1 x 23 litre caddy	N/A

High Rise Apartment Developments

	Yes/No - how much space has been provided?
0.43m ² has been provided per apartment for the container space. Space to manoeuvre and access containers individually has also been provided so that each container can be accessed and removed for collection individually.	Yes - 23.2 sq.m. container space.

Commercial Developments

Please state number of bins you propose, showing calculations where appropriate.

General Waste -

Pulpable Recycling -

Mixed Recycling - N/A

Food Waste -

Industrial Waste -

Has / will a contract be obtained with a licenced waste carrier?

☐

Mixed Use Developments

Are the stores for residential and commercial separate from each other?

☐

Internal Stores (Residential and Commercial)

Please provide details of internal stores / segregation of waste and recycling.

14 bins will be provided. These will be allocated to general refuse, pulpable recycling, mixed recycling and food waste, to be developed as the design progresses.

Storage Areas for Waste Containers (Residential and Commercial)

Please provide details of container stores, attaching plans if appropriate.

Internal refuse store at ground floor on Store Street elevation.

Ensure all bins in the store are accessible

☒

Ensure recycling facilities are as easy to access as general refuse

☒

Please confirm details of waste store ventilation and hygiene / cleaning proposals

Ventilation -	Ventilation will be provided by means of a fan extract system with the fan units located locally. Make up air shall be provided naturally via undercut doors, door transfer grilles or transfer ducts, subject to the extent of air volumes required.
Hygiene -	The store will have a hygienic floor covering to allow easy cleaning and the store will be cleaned by the management company on a regular basis.

Please provide details of who will be responsible for placing the bins at the collection point and returning them to the store / property promptly e.g. resident / management company

Property management company

Please ensure that you have attached:

Detailed plans of waste stores	☒
Location plans showing stores	☒
Location plans showing the proposed collection point and the route the collection vehicle will take	☒

Please ensure that you have completed this form in accordance with our GD04 Waste Storage and Collection Guidance for New Developments