

Appendix E Proforma for Planning Applications



**MANCHESTER
CITY COUNCIL**

Planning Application – Waste Management Strategy

Planning Application Number:
Date Submitted: 06.06.2023

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	
Pulpable Recycling	140 / 240	1 x wheeled bin	
Mixed Recycling	140 / 240	1 x wheeled bin	
Garden Waste	140 / 240	1 x wheeled bin	
Food Waste	23	1 x 23 litre caddy	

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.	

Commercial Developments

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

General Waste - 3 x 1100L Eurobins (Commercial) and 1 x 240L Eurobin (Cafe)
Pulpable Recycling - 2 x 1100L Eurobins (Commercial) and 3 x 240L Eurobin (2 Commercial, 1 Cafe)
Mixed Recycling - 2 x 1100L Eurobins (Commercial) and 1 x 240L Eurobin (Cafe)
Food Waste - 3 x 240L Eurobins (Commercial) and 1 x 240L Eurobin (Cafe)
Industrial Waste - 2 x 240L Eurobins (Commercial)

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.

Please refer waste strategy page attached, extracted from the DAS.

Storage Areas for Waste Containers (Residential and Commercial)

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

Please refer waste strategy page attached, extracted from the DAS.

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 - The waste store will be mechanically ventilated

Hygiene - The waste store will be easily accessible for regular maintenance and cleaning.

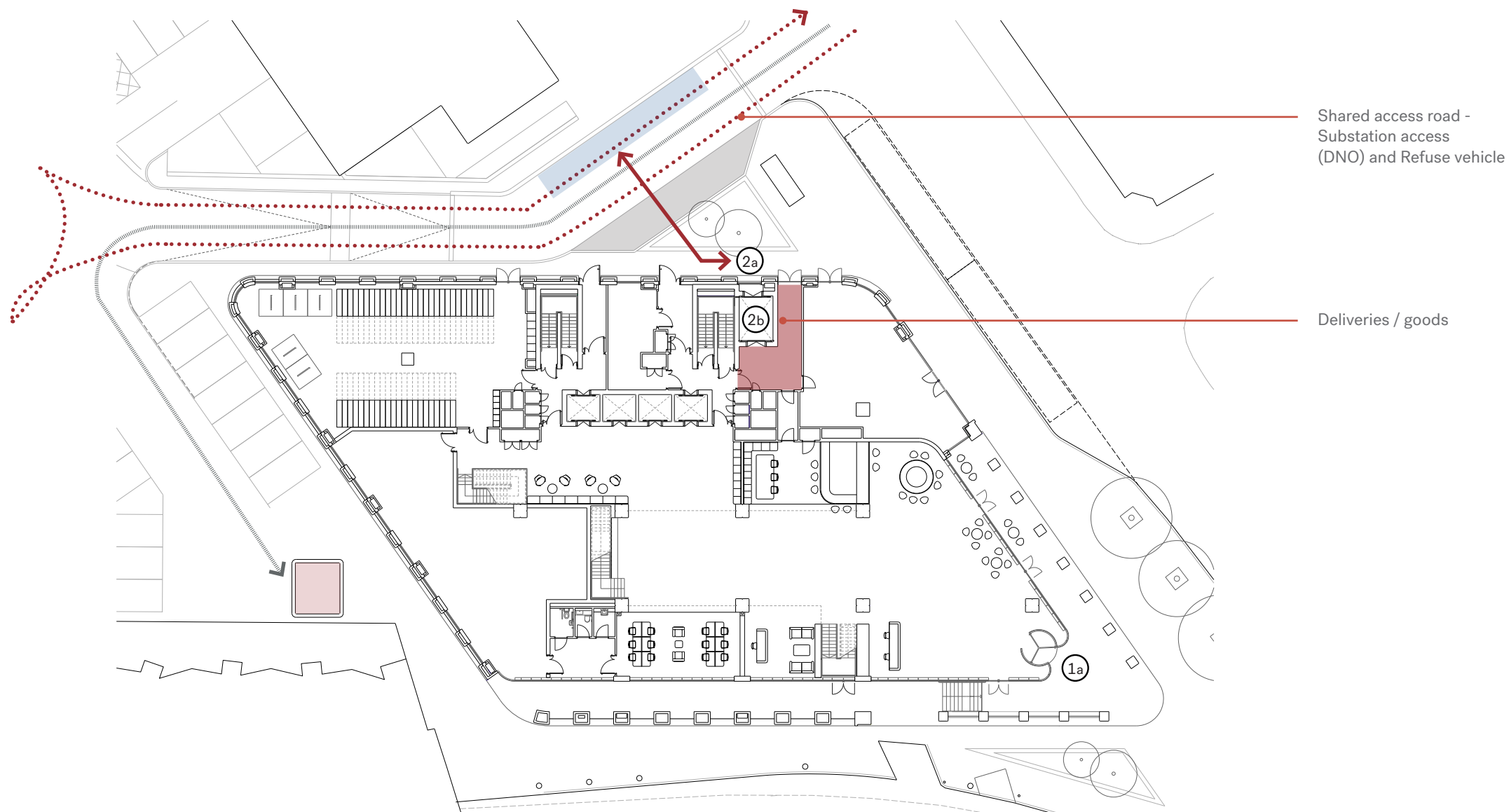
Please provide details of who will be responsible for placing the bins at the collection point and returning them to the store / property promptly e.g. resident / management company

Management company

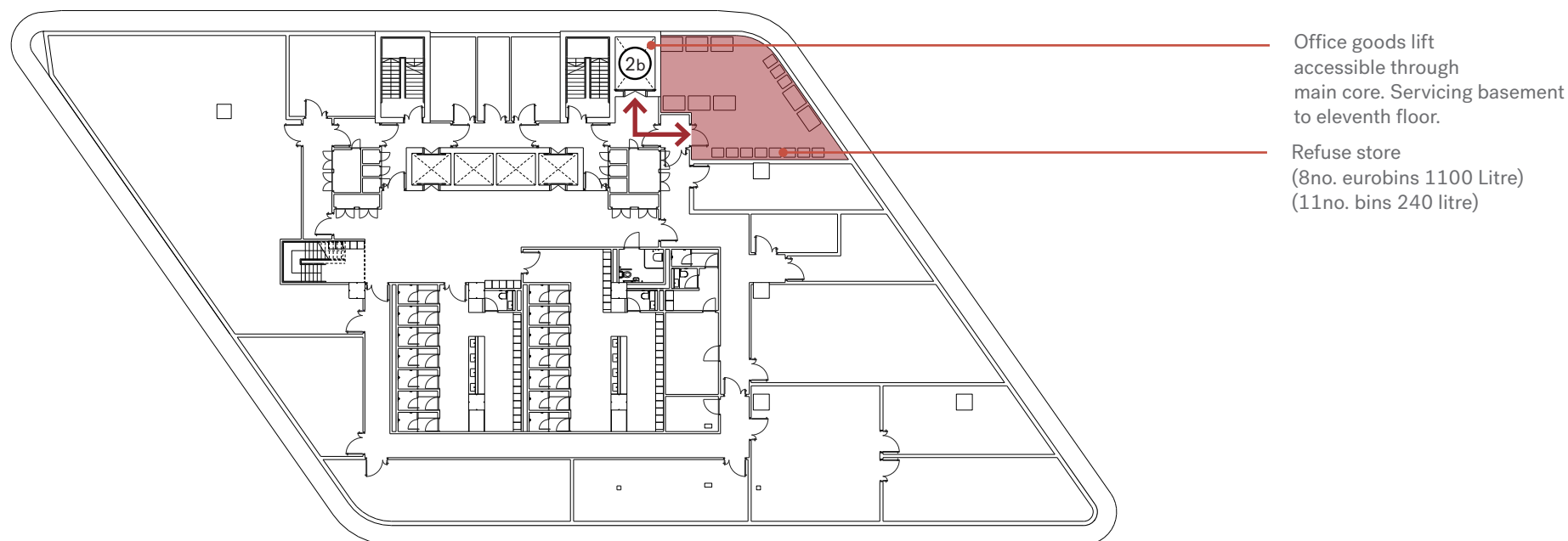
Please ensure that you have attached:

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



Ground Floor Plan - L00



Basement Plan - LB1

6.8 SERVICING STRATEGY

KEY:

① Main Entrance & Reception (a)

② Goods / Waste Entrance (a) and associated goods lift (b)

→ Main servicing route

...→ Refuse Vehicle servicing

- - - - -→ Occasional servicing route

Goods BOH

Loading Bay

DNO Substation

Refuse vehicle/
collection point

6.8.1 Refer to 'Waste Management Plan' documents by SCP for full details.

6.8.2 The office will have a 24hr management team, which will be responsible for managing the waste and recycling strategy on-site. The proposed strategy has been designed on the volume of waste calculated and on the basis of the amount of weekly collection days.

6.8.3 Deliveries to / servicing of the building will take place via the loading bay to the North East of the proposed scheme. The goods entrance is located adjacent to the loading bay and connects directly to the basement level.

6.8.4 Deliveries can at first call be made via the goods entrance.

6.8.5 Office refuse will be stored at basement level and transported via the goods lift to a collection point next to the loading bay.

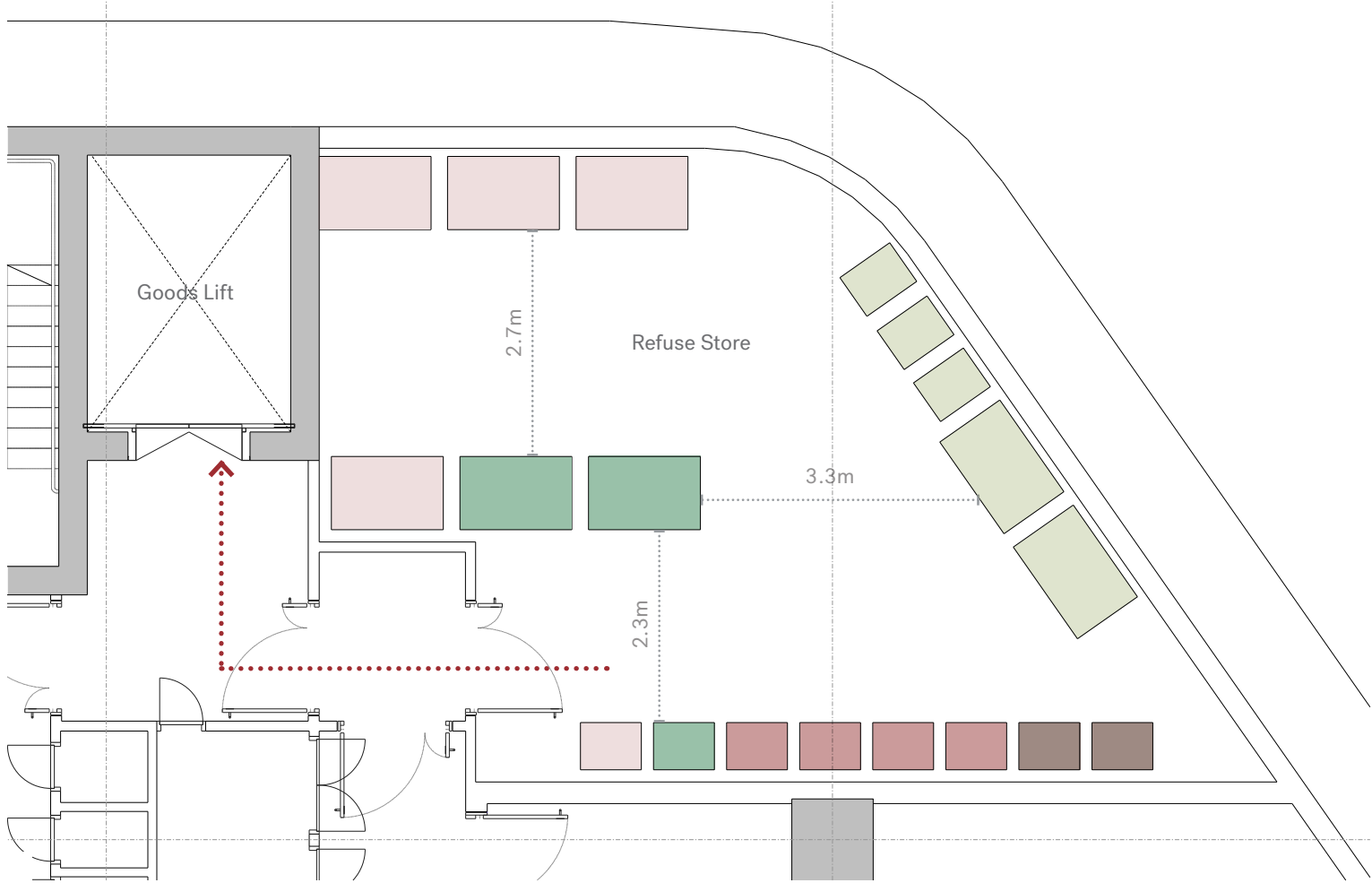
6.8.6 The retail/bar/restaurant unit will share the office's refuse store.

6.8.7 The refuse vehicle will enter the access road off corporation street, turn around in the car park area and return back up the access road in a forward gear, parking opposite the loading bay ready for collection of bins

6.8.8 Occasional servicing will be needed to the DNO substation or rear facade areas, which can be reached via the access route.

6.8.9 Access to the basement level is facilitated via one goods lift. Plant replacement is done via goods lift. Plant elements will be broken down into smaller components for plant replacement.





Restaurant / Cafe total max area = 96m²

Assuming 60% will be seating area= 96m² x 60% = 57m²

Each person requires 1.5m² = 57/1.5 = 38 seated people
38/20 = 1.9

1500L per 20 people therefore = 1.9 x 1500L = 2,850 litres per week is required

= 570 litres per day

Table 1 : Weekly Cafe/ Restaurant waste calculation

Office total area = c.12,855m²

1 occupant per 10m² generates 50 L = (12,855/10= 1,286) x 50 = 64,300 litres per week

= 12,860 litres per day

Table 2 : Weekly Office waste calculation

	General Waste		Pulpable Recycling		Mixed Recycling		Industrial Waste		Food Waste	
	Office	Cafe	Office	Cafe	Office	Cafe	Office	Cafe	Office	Cafe
Waste Volume per day	3858 (30%)	171 (30%)	2572 (50%)	114(20%)	1672 (13%)	171 (30%)	257 (2%)	0 (0%)	643 (5%)	114 (20%)
1,100 L Eurobin	4	0	2	0	2	0	0	0	0	0
240 L Eurobin	0	1	2	1	0	1	2	0	3	1
Total		5		5		3		2		4

GRAND TOTAL

19 Bins

Table 3 : Office waste rates and container requirements

6.9
REFUSE STORE

- 6.8.10 The waste forecasts for the office space have been derived from BS 5906:2005 (Waste Management in Buildings - Code of Practice) and is also informed by other surveys of similar sized developments.
- 6.8.11 This bases weekly waste generation on an estimation of 1 occupant per 10m² NIA and 50 litres of waste generated per occupant. Applying this to the total proposed office floor space equates to the calculation of weekly/ daily waste described in table 2.
- 6.8.12 Waste stream proportions vary according to land use. The data on expected office and commercial waste streams is derived from a variety of sources, including WRAP studies of waste.
- 6.8.13 The recycling proportions and associated waste generation for the office use and commercial space are set out in Table 3.
- 6.8.14 It is expected that each waste stream generated by the office use will be collected via a private collection regime x5 times per week. With the office uses collection frequency outlined, the subsequent refuse container provision is described in table 3.
- 6.8.15 A locked waste and recycling storage area shared by the retail unit and the office is located on the north eastern edge of the building in the basement. Collections will be made via the goods lift and the loading bay at designated times.
- 6.8.16 There is a total of 19 bins: 8no. 1,100L Eurobins and 11no. 240L Eurobins.