



FELLOWS
ENVIRONMENTAL
waste | energy | resource management

WASTE MANAGEMENT STRATEGY

6 KINGSWAY

MANCHESTER

M19 2DD

FINAL

29 July 2021



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1. INTRODUCTION

Fellows Environmental have been appointed by Ali Hayat to produce a Waste Management Strategy (WMS) in line with the guidance. This report accompanies Appendix 3 of the WMS guidance.

The property is located on Kingsway and is part of a small group of commercial properties within a residential area. The property is currently operating as a motor spares business and has been operating for a number of years. The proposal is to change the use of the property to a hot food takeaway.

The upper floor is independent and is occupied a private residential tenant. The access for the upper floor is at the rear with its own independent staircase and access.

2. WASTE MANAGEMENT STRATEGY

2.1 Estimated volumes and types of waste

2.1.1 Commercial

The hot food takeaway will have three waste streams and therefore three receptacles:

1. mixed dry recycling,
2. food waste,
3. residual waste.

The guidance states that a restaurant should have approximately 1,500litres of bin capacity for every 20 dining spaces. The takeaway has seating for 15 but, due to the nature of the business would require more bin capacity than for a restaurant. The guidance does not indicate a collection frequency for the capacity requirement. Therefore as shown in Table 1 below two 1100l bins, one for residual and one for mixed recycling have been included, and a 240l food waste bin. This gives an overall capacity of 2,440l. The collection frequency will be weekly or as required.

Table 1 – Bin Capacity

Waste Type	Volume Required (based on 20 dining spaces)	Number of bins	Capacity	Collection frequency
Residual Waste	750	1	1100 litre	Weekly
Mixed Dry Recycling	510	1	1100 litre	Weekly
Food Waste	240	1	240 litre	Weekly

2.1.2 Residential

The residential flat will require:

- 1 x 140l General Refuse
- 1 x 140l Pulvable Recycling
- 1 x 140l Mixed Recycling
- 1 x Food waste caddy (no garden so garden waste bin not required)

2.2 Storage Areas for Waste Containers

2.2.1 Internal Stores - Commercial

The kitchen and prep area will have a food waste, general refuse, mixed recycling and pulpables storage. An additional general waste bin will be located in the WC.

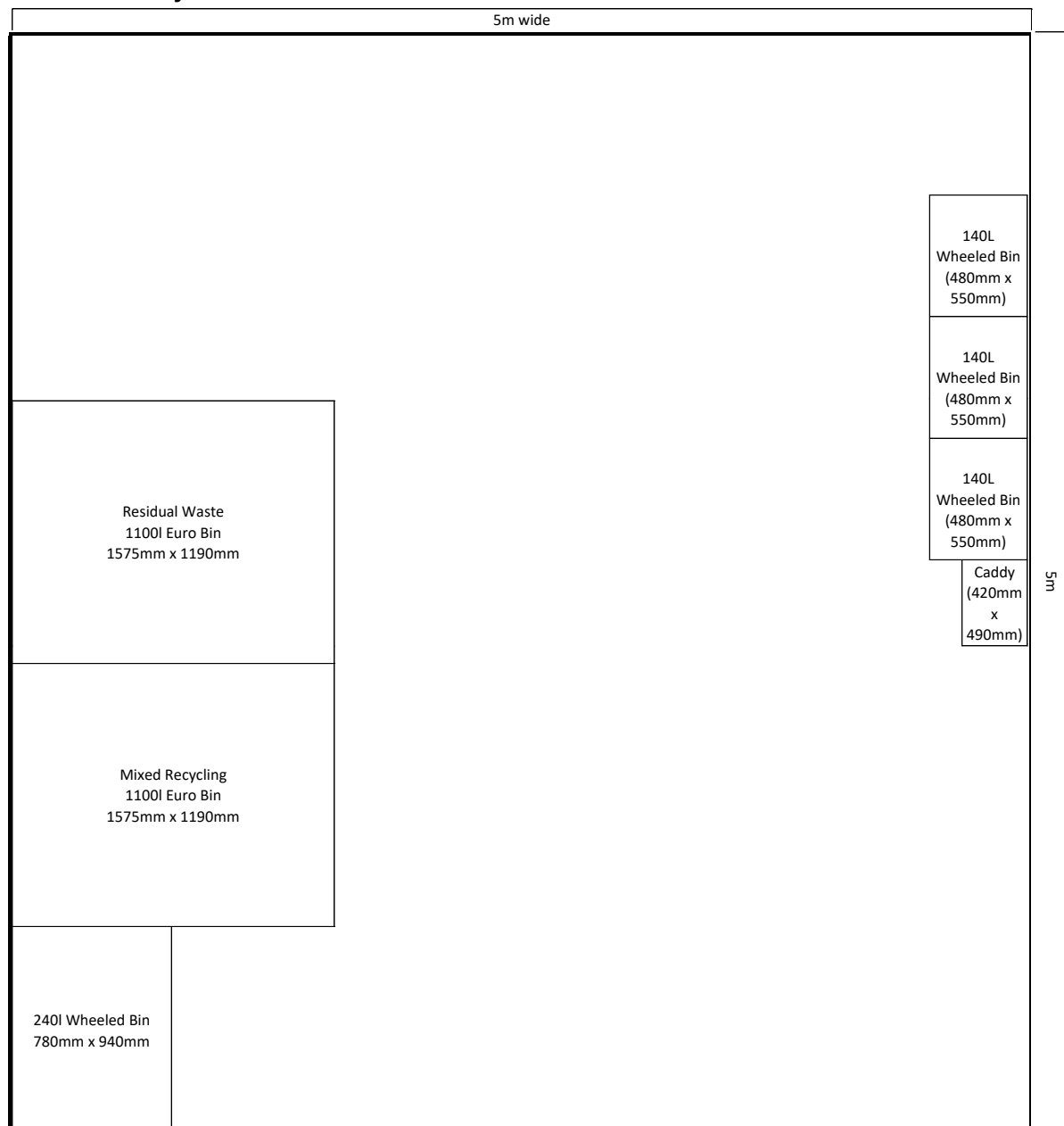
2.2.2 Internal Storage – Domestic

The kitchen will have a food waste, general refuse, mixed recycling and pulpables storage. An additional general waste bin will be located in the WC.

2.2.3 External Storage

Drawing (01)001 PL1 shows the location of the bin storage area at the rear of the property. Plan 1 below shows the general layout for the bin storage areas. Only the rear 5m square area has been shown on the layout schematic below as this is more than enough space for the two secure storage areas. The commercial and domestic bins are in separate areas. All containers can be accessed individually and are on a smooth continuous surface. The walkway between the bin storage areas is over 2m wide.

Plan 1 – Bin Layout Schematic



2.3 Ventilation, Hygiene and Cleaning Proposals

The storage is open to the air and therefore no ventilation is required. The bins will be cleaned as required.

2.4 Location of Proposed Collection Point and Collection Vehicle route

The appointed waste contractor will collect the bins from the collection point (identified by the green circle in plan 2 below). The tenants (both commercial and domestic) will take the bins from the bin store to the collection point just through the gate. The bins will be returned to the secured bin store after emptying by the tenants. The collection point is located on Kingsway Avenue. The waste collection vehicle will travel along either Allandale Road or Kingsway then onto Kingsway Avenue to collect the bins (blue line).

Plan 2 – Bin Collection Plan

