No.1 Castlefield, Ellesmere Street

Waste Management Strategy

Kirindolam 8 Ltd



Document Control

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	Name	Date
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1. Introduction

Overview

1.1 Rappor has been instructed by Kirindolam 8 Ltd to prepare a Waste Management Strategy to support a Planning Application relating to the proposals for the creation of 592 residential units at No.1 Castlefield, Ellesmere Street.

1.2 The site is located within the south-western boundary of Manchester City Centre, within the Castlefield / St George's area. It is bounded by Trentham Street, Ellesmere Street, Castlefield Locks and the Metrolink / railway line. The site's location in the context of Manchester City Centre is shown in **Figure 1.1** below.

Figure 1.1: Site Location



Source: Google Images ©

Proposed Development

1.3 The application site comprises approximately 0.72 hectares and is located within the south-western boundary of Manchester City Centre, within the Castlefield / St George's area. The site therefore benefits from strong sustainable transport accessibility.

1.4 The application seeks full planning permission for the redevelopment of the site through the erection of two residential blocks, Block A and Block B, providing 592 residential units supporting amenity spaces, car and cycle parking, landscaping, and other associated works.

1.5 The residential units are split across two blocks as follows:

- Block A: 436 residential units
- Block B: 156 residential units

Proposed Waste Collection

1.6 The waste collection requirements for the site will take place via the main access into the site via Ellesmere Street.

1.7 Waste collection will take place within the internal car park layout with bins for Block A collected from a designated collection point to the north of the car park. Bins associated with Block B will be collected from a designated collection point adjacent to Block B.

1.8 The proposed site layout is illustrated in **Figure 1.2** below, with a copy of the full plan included at **Appendix A**.

Figure 1.2: Site Layout



Source: re-form landscape architecture

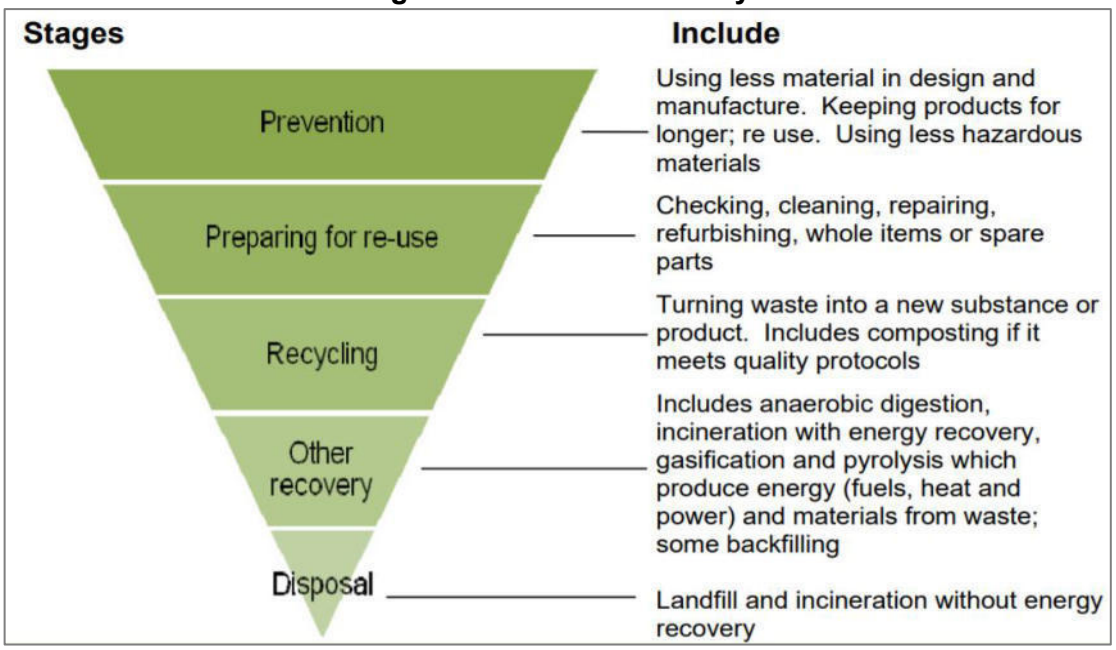
Structure of Report

1.9 This report sets out the policy context for waste management and the government's environmental initiatives aimed at reducing the volume of waste sent to landfill, alongside industry best practice. It presents the waste forecasts, describes the recycling streams and bin provision, identifies the size and nature of the bin storage areas, and outlines the proposed collection frequency.

2. Waste Policy Context

2.1 Central government's strategy for minimising waste generation and reducing disposal to landfill can be most simply described through the 'Waste Hierarchy', as shown in **Figure 2.1**. Interventions are needed at all stages of the process to minimise waste going to landfill. Waste minimisation and recycling measures implemented by occupiers and the management company can help meet government aspirations.

Figure 2.1: Waste Hierarchy



2.2 The waste collection will be overseen by the management company for the site, and they will appoint a licenced waste carrier to remove the waste. The management company will have responsibility to ensure the internal and external areas are kept clean and to move the bins in coordination with the occupiers. Refuse store areas will also be subject to appropriate ventilation.

2.3 All new developments must meet the requirements of Part H6 of the Building Regulations 2000 (solid waste storage) which states:

- Adequate means of storing solid waste shall be provided; and
- Adequate means of access should be provided for people in the building to the place of storage, and, from the place of storage to a collection point agreed by the waste collection authority.

2.4 Food waste is subject to animal by-product controls. Developments that generate large volumes of food waste must comply with the requirements of the Animal By-Products Regulations. These requirements are not expected to apply in full to the proposed development, as food waste will form a smaller proportion of the overall waste generated by the building. However, the regulations will be taken into account as guidance when selecting container types and collection arrangements.

2.5 Manchester City Council (MCC) has issued guidance covering the design and operational management of buildings to support the preparation of waste strategies aimed at maximising recycling. As part of this guidance (GD04), a Waste Pro Forma must be completed and submitted with planning applications; this is included in **Appendix B**.

2.6 The guidance advises that, to achieve high recycling performance, waste should be segregated at the point of origin and stored within designated on-site refuse areas. These should be located off the public highway and positioned to minimise distances for collection, thereby reducing the risk of spillages.

2.7 In line with Section 34 of the Environmental Protection Act 1990, the site operator holds a legal Duty of Care to ensure that waste is stored safely and disposed of in accordance with the law. This obligation is typically met by engaging a licensed waste carrier.

2.8 Compliance with these requirements is demonstrated through the use of Waste Transfer Notes, which must accompany the collection of waste by the appointed contractor. These records can be issued electronically, and many contractors also provide environmental reporting to monitor waste management outcomes.

2.9 Measures should be implemented at each stage of the waste management process to reduce the volume of material sent to landfill. By prioritising waste reduction and recycling initiatives, the development can support both MCC objectives and wider government targets.

2.10 Waste collection activities will be managed by the on-site team, who will appoint an authorised contractor to remove waste. The management team will ensure that internal and external areas are maintained in a clean condition and will coordinate bin movements with occupants. Refuse storage areas will also be appropriately ventilated.

3. Waste Forecast and Recycling Strategy

Waste Forecast

3.1 The scheme comprises solely residential uses. Waste projections have been prepared in line with both national and local policy, including WRAP guidance, British Standard BS 5906:2005 *Waste Management in Buildings*, and Manchester City Council's (MCC's) document *GD04 – Waste Storage and Collection Guidance for New Developments*.

3.2 Weekly waste generation for the residential units has been estimated using GD04 assumptions, which allocate 110 litres of waste per apartment per week and a storage provision of 0.43 m² per unit.

Refuse Storage Requirement

3.3 The Proposed Development comprises two residential blocks:

- **Block A**: 436 residential units
- **Block B**: 156 residential units

3.4 In accordance with Manchester City Council's *GD04 – Waste Storage and Collection Guidance*, refuse storage requirements are based on a provision of 0.43 m² per residential unit, with an additional 10% allowance to provide operational flexibility.

3.5 The required storage provision is therefore calculated as follows:

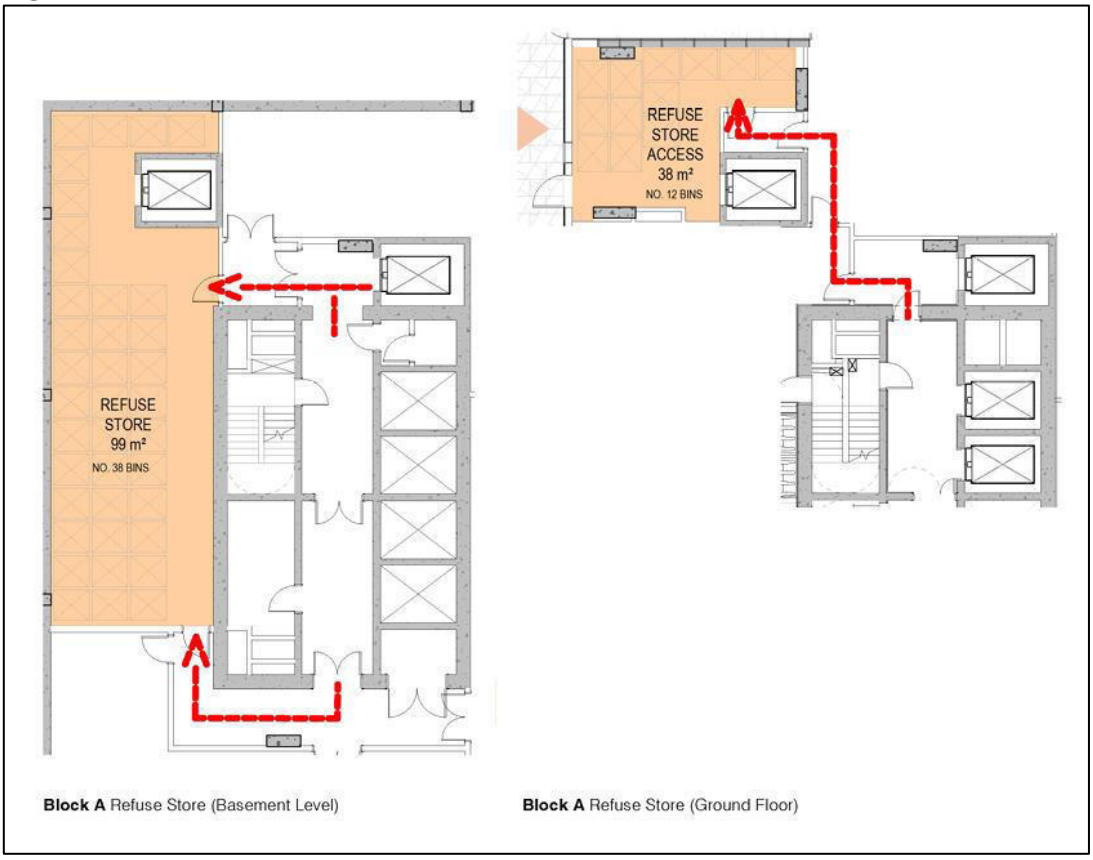
- **Block A:**
  - 436 × 0.43 m² = 187.48 m²
  - 10% allowance = **c. 206 m²**
- **Block B:**
  - 156 × 0.43 m² = 67.08 m²
  - 10% allowance = **c. 74 m²**

3.6 The proposed refuse storage areas are arranged across the two blocks as illustrated in **Figures 3.1** and **3.2**, and are summarised below.

3.7 For **Block A** (refer to **Figure 3.1**), refuse storage is distributed across two locations:

- Basement refuse store: 99 m²
- Ground floor refuse store: 38 m²
- **Total provision: 137 m²** (approximately 66% of the guideline requirement)

Figure 3.1: Block A – Residential Bin Store Provision



Source: Denton Corker Marshall

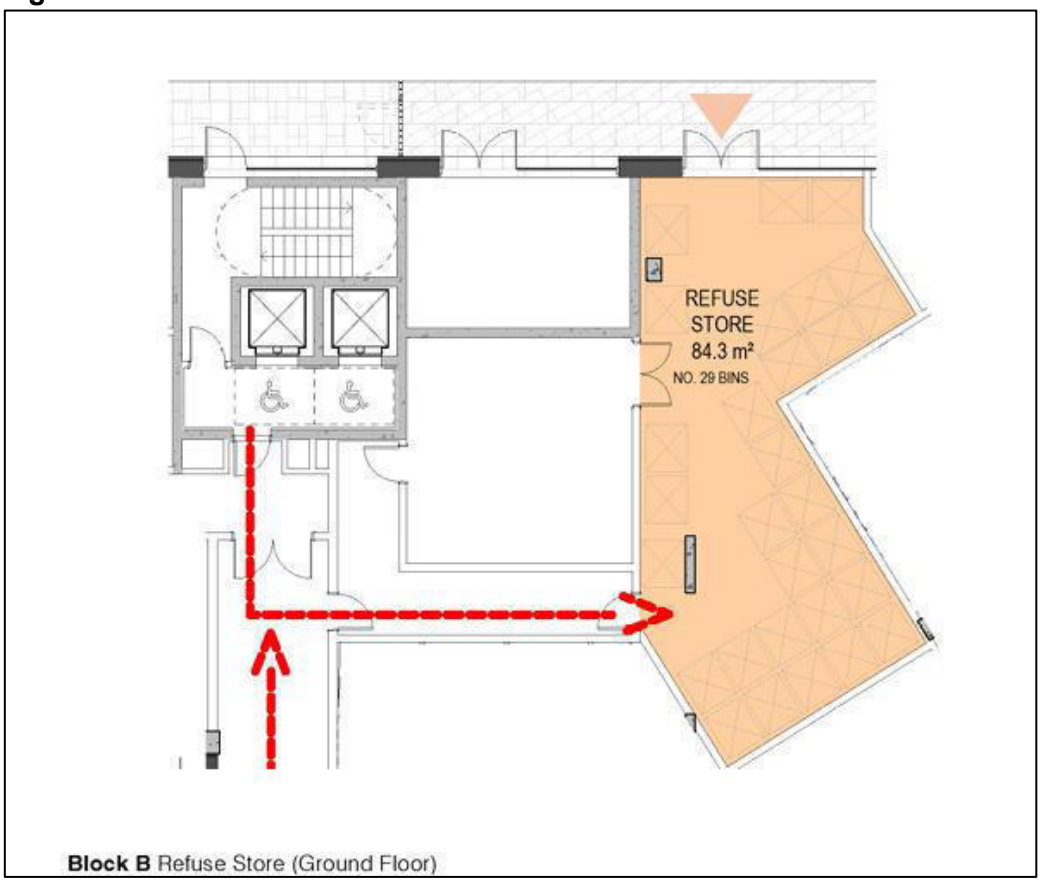
3.8 Whilst this provision is below the indicative storage area generated through application of Manchester City Council's GD04 methodology, the development will operate under a privately managed waste collection contract with a minimum collection frequency of twice per week.

3.9 The enhanced collection frequency significantly reduces the volume of waste requiring storage between collections when compared with a traditional weekly collection regime. The reduced storage provision is therefore offset through regular servicing, active monitoring by the site management team and the ability to arrange supplementary collections during periods of increased demand. This approach ensures that adequate operational capacity is maintained at all times.

3.10 For **Block B** (refer to **Figure 3.2**), refuse storage is provided within a single ground floor store:

- Ground floor refuse store: 84 m²
- **Total provision: 84 m²** (exceeding the guideline requirement)

Figure 3.2: Block B – Residential Bin Store Provision



Source: Denton Corker Marshall

3.11 The provision within Block B exceeds the indicative GD04 requirement and provides sufficient space for waste storage, circulation and operational access.

3.12 Overall, the refuse storage strategy provides a practical and deliverable solution that supports efficient waste management across the development and reflects the proposed enhanced collection regime.

Bin Provision

3.13 Refuse stores are designed to accommodate the following segregated waste streams:

- General waste
- Pulpable recycling (paper/card)
- Co-mingled recycling (plastic/metal/glass)
- Food waste

3.14 This ensures recycling is as accessible as general waste and supports good waste management practice.

3.15 Based on the proposed twice-weekly collection strategy, the following bin provision is proposed.

3.16 Block A's bin storage will comprise the bin types and numbers illustrated in **Table 3.1** below:

Table 3.1: Block A – Bin Provision

Waste Stream	Bin Size	No. of Bins
General Waste	1100 L	25
Pulpable Recycling	1100 L	8
Co-mingled Recycling	1100 L	8
Food Waste	240 L	9
Total		**50 bins**

3.17 The 50 bins serving Block A are distributed between the basement and ground floor refuse stores, providing operational flexibility and allowing efficient rotation of bins prior to collection days. The provision has been calculated on the basis of a minimum twice-weekly collection regime and is considered sufficient to accommodate anticipated waste arisings between collections.

3.18 Block B's bin storage will comprise the bin types and numbers illustrated in **Table 3.2** below:

Table 3.2: Block B – Bin Provision

Waste Stream	Bin Size	No. of Bins
General Waste	1100 L	17
Pulpable Recycling	1100 L	4
Co-mingled Recycling	1100 L	4
Food Waste	240 L	4
Total		**29 bins**

3.19 The Block B refuse store has been designed to accommodate the proposed bin provision whilst maintaining sufficient circulation space and accessibility for operational use. Together with the proposed twice-weekly collection regime, the store provides adequate capacity to accommodate anticipated waste arisings between collections.

4. Waste Collection Strategy

4.1 Waste will be collected by a private licensed waste contractor, with all servicing coordinated by the on-site management company. The management team will be responsible for overseeing day-to-day waste operations, including monitoring bin capacity, arranging collections, and ensuring that refuse stores and transfer routes remain operational and clean.

4.2 A twice-weekly collection regime is proposed as a minimum standard across the development, with flexibility built into the servicing contract to allow for additional collections where required. This approach ensures that waste is removed regularly and prevents the build-up of material within the refuse stores, particularly within Block A where provision is reduced relative to GD04 guidance.

4.3 The refuse storage provision and bin schedules presented within Section 3 have been developed on the basis of a minimum twice-weekly collection regime. Unlike the weekly collection assumptions that underpin Manchester City Council's GD04 guidance, waste will remain within the stores for significantly shorter periods before collection. This reduces the volume of waste requiring storage at any one time and enables the development to operate effectively within the proposed storage areas.

4.4 On collection days, bins will be transferred from the refuse stores to the agreed collection points at ground level by the management team. The movement of bins will follow the designated routes shown on the submitted plans, which provide direct and unobstructed connections between the refuse stores and the external collection locations. These routes have been designed to avoid constrained areas and minimise interaction with primary residential circulation spaces.

4.5 Waste collection points are located at ground level within the site's internal layout, enabling waste collection to take place off the adopted highway. Waste collection vehicles will enter the site and service the designated on-site collection points directly, ensuring that operations are undertaken within a controlled environment.

4.6 Following collection, all bins will be returned promptly to the refuse stores by the management team, ensuring that collection points remain clear and that the public realm is not adversely affected.

4.7 The location of the bin collection areas is illustrated in **Appendix C**.

4.8 Overall, the defined movement routes and servicing arrangements ensure that bin transfer operations are safe, direct, and efficient, minimising disruption to residents while maintaining a high standard of waste management across the site.

Vehicle Access, Routing and Swept Path Analysis

4.9 Refuse collections for the Proposed Development will be undertaken entirely within the site boundary, with waste collection vehicles accessing designated collection areas serving both Block A and Block B.

4.10 The servicing strategy has been developed to ensure that a standard large refuse collection vehicle (circa 11.35m in length) can safely access, manoeuvre, and exit the site in a forward

gear. This reflects typical vehicle dimensions used by local authorities and private waste contractors.

4.11 Swept path analysis has been undertaken and is illustrated in **Appendix D**, demonstrating that the refuse vehicle can:

- Enter the site from the adjoining highway network;
- Navigate internal access routes;
- Position within the designated collection areas serving each block; and
- Exit the site in a forward gear without the need for reversing onto the public highway.

4.12 The internal routing has been designed to provide sufficient carriageway width, turning radii, and clearances to accommodate the tracking requirements of the refuse vehicle. The layout ensures that servicing can be undertaken safely and efficiently.

4.13 The collection areas for both Block A and Block B are located so that bins can be presented directly to the refuse vehicle without the need for excessive manual handling distances. The routes between the refuse stores and the vehicle stopping points, as shown on the submitted plans, are short, direct, and free from significant level changes.

4.14 The strategy ensures that:

- Refuse vehicles do not need to reverse long distances within the site;
- Vehicle movements are predictable and controlled; and
- Conflicts with pedestrian routes are minimised through clearly defined servicing areas.

4.15 Overall, the swept path analysis confirms that the proposed servicing arrangement is fully operable, allowing refuse vehicles to safely access and service the development in accordance with best practice for high-density urban schemes.

Waste Proforma

4.16 MCC requires a Waste Proforma to support the planning application. Using the information presented in this report, the completed Waste Proforma is presented in **Appendix B**.

5. Summary and Conclusion

5.1 Rappor has been appointed by Kirindolam 8 Ltd to prepare a Waste Management Strategy to support a Full Planning Application for proposed residential development within the Castlefield area in Manchester City Centre.

5.2 The Waste Management Strategy has been prepared with reference to BS 5906:2005 and Manchester City Council's GD04 Waste Storage and Collection Guidance for New Developments v7. Consideration has also been given to national regulations on recycling, storage and the Duty of Care for producers and handlers of waste.

5.3 The document sets out the approximate volume of waste generated by the proposed development, including the main recycling waste streams and the number and type of bins required. Whilst the refuse storage provision within Block A is below the indicative area generated through application of Manchester City Council's GD04 guidance, the proposed privately managed waste collection regime, operating at a minimum frequency of twice per week, combined with active on-site management, provides sufficient operational capacity to serve the development. The proposed refuse stores and collection strategy together ensure an efficient and robust waste management solution for the site.

5.4 It is proposed that refuse collections will be undertaken by a private waste contractor under the supervision of the on-site facilities management team, who will monitor bin capacity, cleanliness, the transfer of bins between stores and collection points, and record keeping for Waste Transfer Notes.

5.5 This report outlines the policy context, expected waste generation, bin storage provision and collection strategy. It demonstrates that the proposed development will operate a robust and compliant waste management system in accordance with national guidance and Manchester City Council requirements.

Appendix A – Site Plan



Key

- Planning application boundary
- Highway adoption boundary
- Proposed building (BLDG)
- Concrete pavers - type 01 (P01)
- Concrete pavers - type 02 (P02)
- Concrete pavers - type 03 (P03)
- Concrete pavers - type 03 (P04)
- Macadam surfacing
- Proposed edge
- Proposed fence with gates
- Proposed furnitures
- Proposed play equipments
- Proposed boulders
- Proposed pergola
- Proposed architectural pergola
- Proposed wind mitigation screen
- Proposed tree in hard landscape
- Proposed tree in soft landscape
- Indicative location of structural cells for tree planting.
- Proposed grass
- Proposed buffer planting
- Proposed shrub planting
- Improved native scrub
- Proposed climber planting up standalone 4m tall post and wire structure

Notes

1. All dimensions in mm, unless otherwise stated.
2. Scaling from drawing if printed incorrectly may lead to errors.
3. All information outside red line boundary shown for contextual purpose only.
4. All hatch patterns are indicative only unless stated otherwise. This drawing is to be read in conjunction with all re-form landscape architecture documentation AND all relevant documentation from the design team.
6. Levels information on this drawing illustrates the design intent. The contractor is to check and verify all levels and dimensions against site survey information.
7. Any discrepancies in the design information are to be brought to the attention of re-form landscape architecture, in writing, prior to commencement of construction works.
8. All proprietary products shall be installed in strict accordance with manufacturers written instructions.
9. Refer to other consultants' drawings and specifications for the following design information:
   - Foundation details
   - Base course and/or sub bases design & specification
   - Waterproofing of any element
   - Levels & Drainage design and infrastructure
   - Lighting and ducting
   - Existing & proposed utilities
10. Plant quantities are to suit site areas in accordance with scheduled plant densities.
11. Any proposed plant substitution shall be agreed with the landscape architect prior to ordering.

0m 5m 10m 15m

28.07.26	Planning issue	ALP	JS	JM	P09
	Description of revision	Drawn by	Checked by	Approved by	Revision

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RF25-1285

Client
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Document title
LANDSCAPE GENERAL ARRANGEMENT- GROUND FLOOR

Paper size A1
Scale 1:250

Status FOR INFORMATION S2

Drawing number 1285-RFM-ZZ-GF-DR-L-10100
Revision P09

© re-form landscape architecture

Appendix B – GD04 – Waste Proforma

MANCHESTER CITY COUNCIL

Appendix E - Waste Management Strategy (v7.00 from September 2023) BLOCK A

Planning Application Number:
Date Submitted:
Estimated volumes / m2 required by the development

Will this property be used as a House in Multiple Occupation (HMO)?	Yes / No (delete as appropriate)
If this property will be used as an HMO, how many people do you intend to accommodate (5+)?	

Low Rise Domestic

Waste Types	Capacity required (litres)	Number of bins required (per household)	Confirm what is to be provided (and whether the developer or the resident will be responsible for ordering these)
General refuse	140 standard / 240 in certain circumstances	1 x wheeled bin (possibly more for HMO)	
Pulpable Recycling	240	1 x wheeled bin (possibly more for HMO)	
Mixed Recycling	240	1 x wheeled bin (possibly more for HMO)	
Garden Waste	240	1 x wheeled bin (possibly more for HMO)	
Food Waste	23	1 x 23 litre caddy (Possibly more for HMO)	

High Rise Apartment Developments

0.43m2 has been provided per apartment for the containers, with extra space for residents to access each container and space for staff to manoeuvre each container for collection. (different for purpose-built student accommodation – see guidance)	Yes / No (delete as appropriate) Twice weekly collections How many of each container do you plan to provide? 25 x general refuse x 1100 litre (based on 110 litres per apartment) 8 x pulpable Recycling x 1100 litre (based on 55 litres per apartment) 8 x mixed recycling x 1100 litre (based on 55 litres per apartment) 9 x food waste x 240 litres (based on 10 litres per apartment) _____ x garden waste (if applicable) x 240 litres
Is it as easy, or easier, for residents to recycle, as it is for them to dispose of general waste?	Yes / No (delete as appropriate)

Commercial Developments

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

General Waste - Dry recycling (include material type details) - Food Waste - Industrial Waste - Other -

Has / will a contract be obtained with a licenced waste carrier?	Yes / No (delete as appropriate

Mixed Use Developments

Are the stores for residential and commercial waste completely separate from each other, with residents having no access to the commercial store and the commercial units having no access to the residential store?	Yes / No (delete as appropriate)

Internal Stores (Residential and Commercial)

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

Residents transfer waste and recyclables to dedicated refuse stores located within Block A. Separate containers are provided for:

General waste
Pulpable recycling (paper and card)
Co-mingled recycling (glass, cans and plastics)
Food waste

All waste streams are clearly segregated and accessible to residents.

Storage Areas for Waste Containers (Residential and Commercial)

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

Refuse storage is provided in two dedicated locations:

Basement refuse store: 99m²
Ground floor refuse store: 38m²
Total refuse storage provision: 137m²

The stores provide sufficient space for the proposed 50-bin arrangement together with circulation space for residents and management staff. Detailed plans accompany the application.

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 -	Stores will be mechanically ventilated in accordance with building services design requirements.
Hygiene -	Stores will have washable surfaces and will be inspected regularly. The management company will arrange routine cleaning, bin washing and removal of any spillages. Bulky waste will be managed separately and not stored within communal bin areas

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

A dedicated Management Company / Facilities Management Team will transfer bins from the stores to the collection point prior to collection and return bins immediately following servicing.

Minimum twice weekly collection by a licensed private waste contractor.

Please ensure that you have attached:

Detailed plans of bin stores	☐
Location plans showing stores	☐
Location plans showing the proposed collection point and the route the collection vehicle will take (please refer to the Road, Vehicle and Waste Operative Access Specification – paying particular attention to turning space and reversing)	☐

Please ensure that you have completed this form in accordance with the latest version of GD04 Waste Storage and Collection Guidance for New Developments – v.7 September 2023, read in conjunction with the Waste and Recycling Service Standard found on the Council website.

MANCHESTER CITY COUNCIL

Appendix E - Waste Management Strategy (v7.00 from September 2023)

BLOCK B

Planning Application Number:
Date Submitted:
Estimated volumes / m2 required by the development

Will this property be used as a House in Multiple Occupation (HMO)?	Yes / No (delete as appropriate)
If this property will be used as an HMO, how many people do you intend to accommodate (5+)?	

Low Rise Domestic

Waste Types	Capacity required (litres)	Number of bins required (per household)	Confirm what is to be provided (and whether the developer or the resident will be responsible for ordering these)
General refuse	140 standard / 240 in certain circumstances	1 x wheeled bin (possibly more for HMO)	
Pulpable Recycling	240	1 x wheeled bin (possibly more for HMO)	
Mixed Recycling	240	1 x wheeled bin (possibly more for HMO)	
Garden Waste	240	1 x wheeled bin (possibly more for HMO)	
Food Waste	23	1 x 23 litre caddy (Possibly more for HMO)	

High Rise Apartment Developments

0.43m2 has been provided per apartment for the containers, with extra space for residents to access each container and space for staff to manoeuvre each container for collection. (different for purpose-built student accommodation – see guidance)	Yes / No (delete as appropriate) Twice weekly collections How many of each container do you plan to provide? __17__ x general refuse x 1100 litre (based on 110 litres per apartment) __4__ x pulpable Recycling x 1100 litre (based on 55 litres per apartment) __4__ x mixed recycling x 1100 litre (based on 55 litres per apartment) __4__ x food waste x 240 litres (based on 10 litres per apartment) _____ x garden waste (if applicable) x 240 litres
Is it as easy, or easier, for residents to recycle, as it is for them to dispose of general waste?	Yes / No (delete as appropriate)

Commercial Developments

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

General Waste - Dry recycling (include material type details) - Food Waste - Industrial Waste - Other -

Has / will a contract be obtained with a licenced waste carrier?	Yes / No (delete as appropriate

Mixed Use Developments

Are the stores for residential and commercial waste completely separate from each other, with residents having no access to the commercial store and the commercial units having no access to the residential store?	Yes / No (delete as appropriate)

Internal Stores (Residential and Commercial)

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

Residents transfer waste and recyclables to dedicated refuse stores located within Block B. Separate containers are provided for:

General waste
Pulpable recycling (paper and card)
Co-mingled recycling (glass, cans and plastics)
Food waste

All waste streams are clearly segregated and accessible to residents.

Storage Areas for Waste Containers (Residential and Commercial)

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

A dedicated refuse store is located at ground floor level comprising:

Ground floor refuse store: 84.3m²
Total bin provision: 29 bins

The stores provide sufficient space for the proposed 50-bin arrangement together with circulation space for residents and management staff. Detailed plans accompany the application.

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 -	Stores will be mechanically ventilated in accordance with building services design requirements.
Hygiene -	Stores will have washable surfaces and will be inspected regularly. The management company will arrange routine cleaning, bin washing and removal of any spillages. Bulky waste will be managed separately and not stored within communal bin areas

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

A dedicated Management Company / Facilities Management Team will transfer bins from the stores to the collection point prior to collection and return bins immediately following servicing.

Minimum twice weekly collection by a licensed private waste contractor.

Please ensure that you have attached:

Detailed plans of bin stores	☐
Location plans showing stores	☐
Location plans showing the proposed collection point and the route the collection vehicle will take (please refer to the Road, Vehicle and Waste Operative Access Specification – paying particular attention to turning space and reversing)	☐

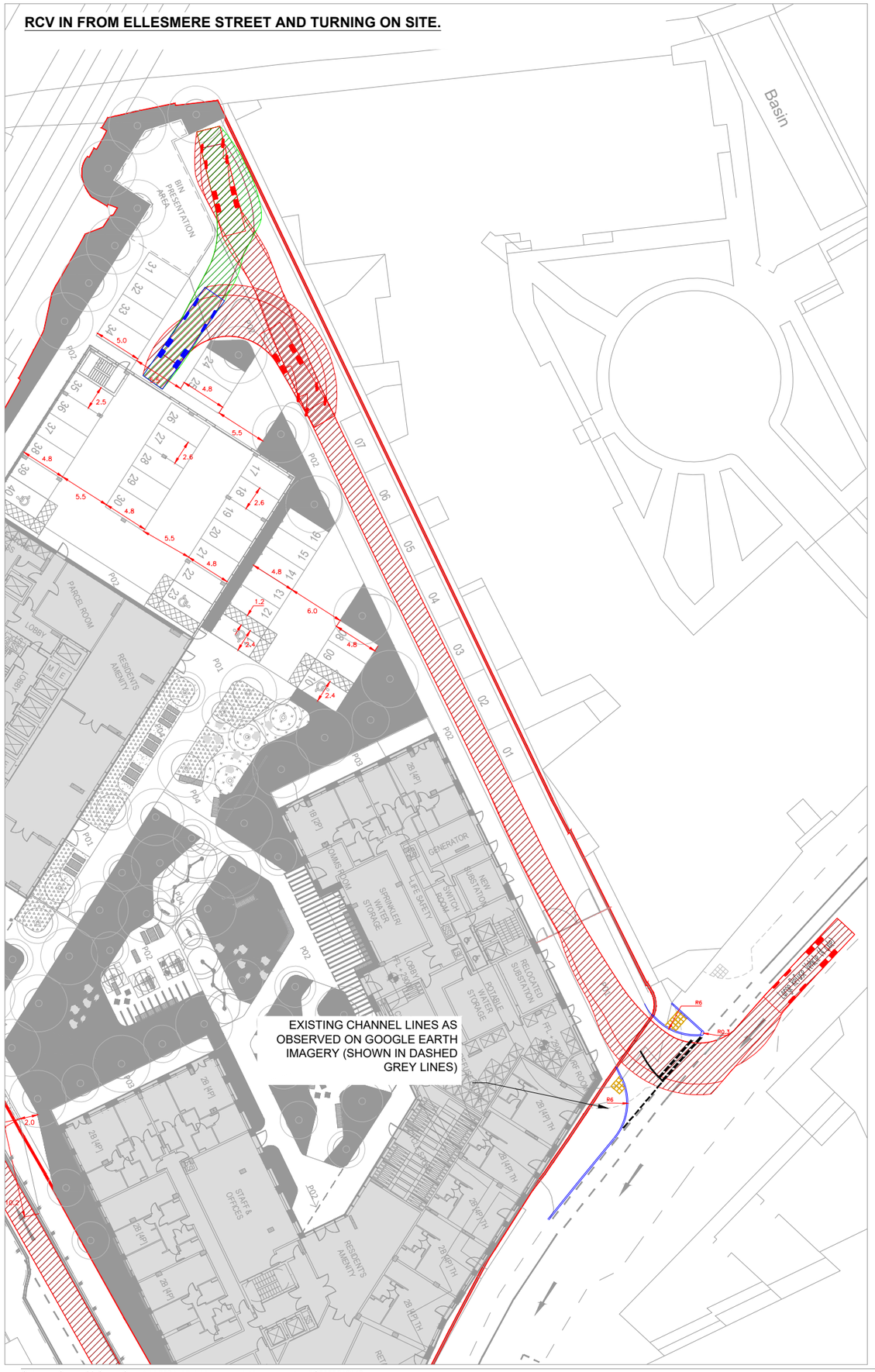
Please ensure that you have completed this form in accordance with the latest version of GD04 Waste Storage and Collection Guidance for New Developments – v.7 September 2023, read in conjunction with the Waste and Recycling Service Standard found on the Council website.

Appendix C – Waste Collection Points

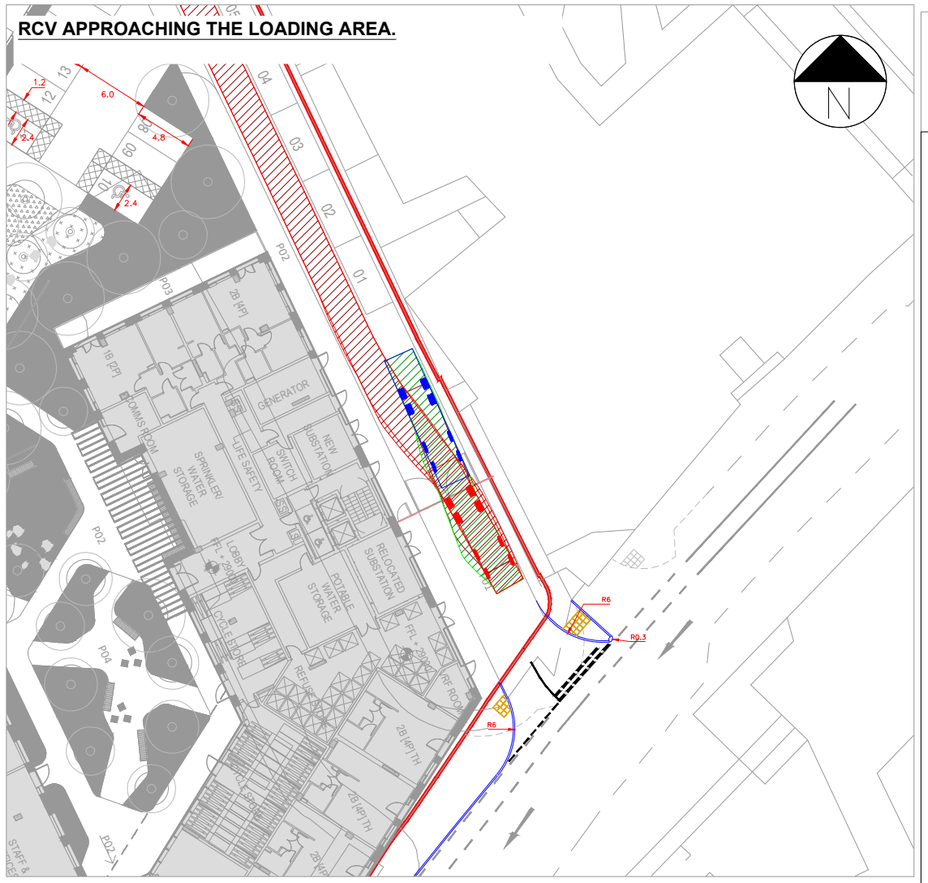

BIN
PRESENTATION
AREA
P01
P02
P03
P04

Appendix D – Refuse Vehicle – Swept Path Analysis

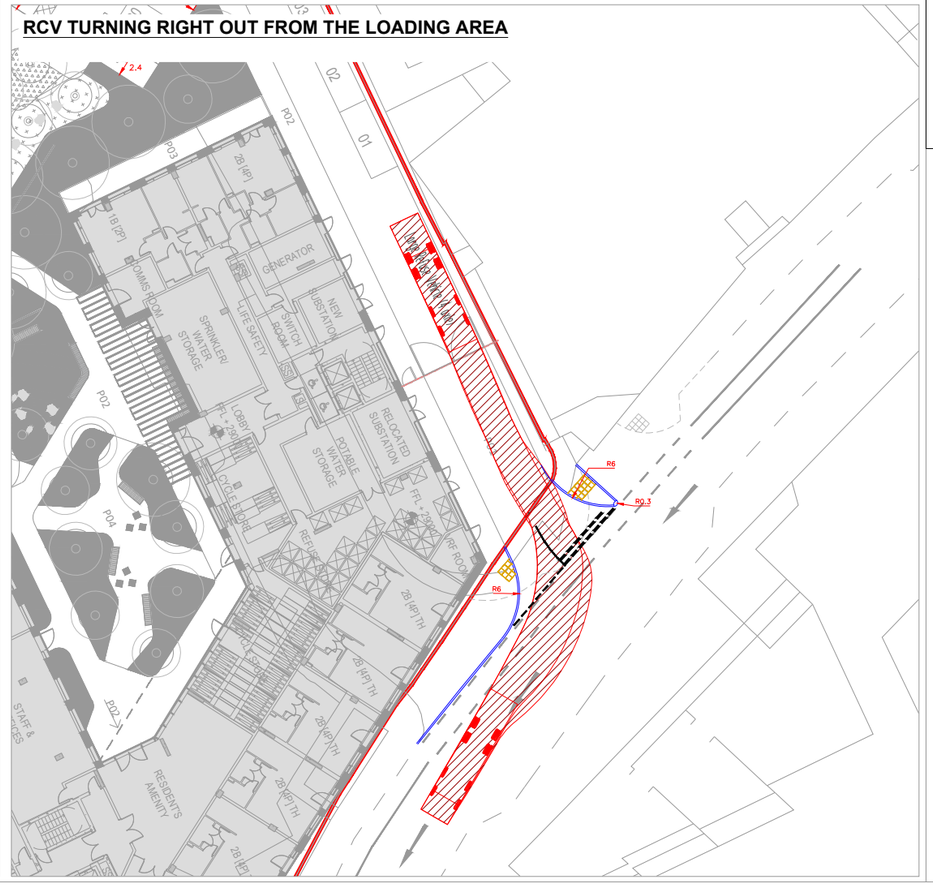
RCV IN FROM ELLESMERE STREET AND TURNING ON SITE.



RCV APPROACHING THE LOADING AREA.

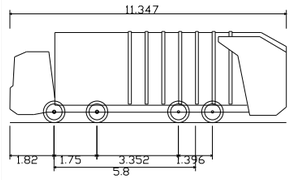


RCV TURNING RIGHT OUT FROM THE LOADING AREA



Notes:

1. Do not scale from this drawing. All dimensions are in metres, unless stated otherwise.



Large Refuse Vehicle (4 axle)	
Overall Length	11.347m
Overall Width	2.500m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	6.00s
Wall to Wall Turning Radius	11.330m

Rev	Date	Details	By	Chkd	Appd
P06	27/07/26	REVISED SITE PLAN UNDERLAID	BA	NBR	NBR
P05	13/07/26	REVISED SITE PLAN UNDERLAID	BA	NBR	NBR
P04	29/06/26	REVISED SITE PLAN UNDERLAID	BA	NBR	NBR
P03	16/06/26	REVISED SITE PLAN UNDERLAID	BA	NBR	NBR
P02	12/05/26	ALTERNATIVE LOADING ARRANGEMENT	BA	NBR	NBR
P01	17/04/26	FIRST ISSUE	BA	NBR	NBR

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CLIENT:

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PROJECT:

NO1_CASTLEFIELD_MANCHESTER

TITLE:

SWEPT_PATH_ANALYSIS
LARGE_REFUSE_VEHICLE

STATUS:	SCALE:
S3	1:500@A3
DRAWING NO:	REVISION:
251195-RAP-XX-XX-DR-TP-1003	P06

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