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REFUSE STORAGE AND DISPOSAL SCHEME

Site Address:	Alfurqan Islamic Centre 42 Great Southern Street Manchester, M14 4EZ
Applicant:	The Manchester Somali Islamic Cultural Trust (Charity No. 1064859)
Planning Application Ref:	CDN/25/0904
Document Reference:	RSDS-AIC-2025-001
Date:	February 2025
Prepared by:	Rashid Ali Architects
Revision:	Rev A

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PURPOSE OF SCHEME

This Refuse Storage and Disposal Scheme has been prepared to discharge the relevant planning condition requiring comprehensive details of refuse storage, collection, and disposal arrangements for Alfurqan Islamic Centre following the approved expansion works.

The scheme provides for both **internal and external refuse storage areas** with facilities for **segregated waste collection** and **recycling** in accordance with:

- **Building Regulations 2010 (as amended) - Part H: Drainage and Waste Disposal**
- **The Environmental Protection Act 1990**
- **The Waste (England and Wales) Regulations 2011**
- **Manchester City Council Waste Management Guidelines**
- **BS 5906:2005 - Waste Management in Buildings - Code of Practice**
- **The Control of Substances Hazardous to Health Regulations 2002 (COSHH)**
- **Health and Safety at Work etc. Act 1974**

The arrangements are designed to ensure refuse is managed **safely, hygienically, and sustainably**, without adverse impacts on visual amenity, neighbouring occupiers, or the local environment.

1. FACILITY DESCRIPTION AND WASTE GENERATION

1.1 Building Use Classification

- **Use Class:** F.1 (Places of Worship) and F.2 (Community Facility)
- **Gross Internal Floor Area (post-expansion):** Approximately 1,500 m²
- **Occupancy Capacity:**
  - Daily prayers: Up to 300 persons
  - Friday prayers: Up to 800 persons
  - Community events: Up to 500 persons
  - Educational facilities: 250+ students (Alfurqan Academy)
  - Weekly youth programs: 1,200+ participants

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1.2 Types of Waste Streams

The community centre will generate the following waste streams in accordance with **The Waste (England and Wales) Regulations 2011**:

Waste Stream	EWC Code	Description	Est. Weekly Volume
General (Residual) Waste	20 03 01	Mixed municipal waste not suitable for recycling	3.5 - 4.0 ms
Mixed Dry Recyclables	20 01 01 / 20 01 39	Paper, cardboard, plastics (PET, HDPE), metal cans, glass	2.0 - 2.5 ms
Food Waste	20 01 08	Biodegradable kitchen and food waste from catering/events	0.5 - 1.0 ms
Glass Recyclables	20 01 02	Glass bottles and containers	0.3 - 0.5 ms
Confidential Waste	20 01 01	Paper containing sensitive/personal information	0.2 ms
Bulky Waste	20 03 07	Occasional furniture, equipment (arranged separately)	As required
Electrical Waste (WEEE)	20 01 35* / 20 01 36	Small electrical items, batteries	As required (quarterly)

Total Estimated Weekly Waste: 6.5 - 8.2 m^3

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2. INTERNAL REFUSE STORAGE

2.1 Location and Specification

Internal refuse storage areas will be provided within the building for the **temporary storage of waste generated during daily operations**.

Location:

- Ground floor service areas adjacent to kitchen/catering facilities
- Designated waste collection points on each occupied floor
- Educational areas (classrooms) with segregated recycling points

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Specification:

- Internal storage will consist of clearly labelled, lidded containers (pedal-operated for hygiene) for the segregation of:
  - General waste (black bins with black lids)
  - Mixed dry recyclables (blue bins with blue lids)
  - Food waste (brown/green bins with brown/green lids)
  - Glass recyclables (clear/green bins)

2.2 Design and Compliance

- **Ventilation:** Internal storage areas will be naturally or mechanically ventilated to prevent odour accumulation (minimum 6 air changes per hour in dedicated storage rooms) in accordance with **Building Regulations Part F (Ventilation)**
- **Surfaces:** Wall and floor surfaces will be smooth, impervious, and easily cleanable (ceramic tiles or equivalent) to maintain hygiene standards
- **Lighting:** Adequate artificial lighting (minimum 200 lux) for safe handling and cleaning
- **Fire Safety:** Storage areas will be separated from means of escape routes and protected in accordance with **Building Regulations Part B (Fire Safety)**
- **Accessibility:** Located in convenient but discreet positions, accessible to staff while avoiding public circulation areas
- **Drainage:** Floor gullies with trapped drains where food waste is stored to facilitate cleaning

2.3 Bin Provision (Internal)

Location	General Waste	Mixed Recycling	Food Waste	Total Bins
Kitchen/Catering Area	2 x 240L	2 x 240L	2 x 140L	6
Ground Floor Corridors	4 x 120L	4 x 120L	-	8
First Floor Areas	3 x 120L	3 x 120L	-	6
Classrooms (8 rooms)	8 x 50L	8 x 50L	-	16
TOTAL INTERNAL	**17 bins**	**17 bins**	**2 bins**	**36 bins**

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2.4 Transfer Protocol

- Waste will be transferred **at least once daily** (or more frequently during peak usage) from internal storage areas to the external refuse storage area by designated on-site staff
- Staff will use appropriate personal protective equipment (PPE) when handling waste
- Transfer routes will be kept clear and maintained in good condition
- All waste transfers will be recorded in the site waste management log

3. EXTERNAL REFUSE STORAGE

3.1 Location

- The site has a **dedicated external refuse and recycling storage area** located along **Crofton Street frontage**, which is within the boundaries of the property
- The location provides:
  - **Convenient access** from the building (maximum 30m from internal collection points)
  - **Safe access** for waste collection operatives and Manchester City Council collection vehicles
  - **Level access** suitable for wheeled bin movement
  - **Minimal impact** on neighbouring residential properties

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3.2 External Storage Area Specification

Dimensions:

- Total area: Minimum 25 m² (5m x 5m) to accommodate all bins with circulation space
- Clear height: Minimum 2.0m for bin handling

Construction:

- **Enclosure:** Durable brick/blockwork walls (minimum height 1.8m) with architectural finish to match existing building or timber screening with appropriate treatment
- **Surface:** Impervious hard standing (concrete or asphalt) with gradient (minimum 1:60) to drainage point
- **Drainage:** Connected to foul water drainage system with trapped gully to prevent odours
- **Gates/Access:** Double gates (minimum 2.4m width) with secure locking mechanism, openable to 180° for bin access
- **Lighting:** External lighting (minimum 100 lux) for safe out-of-hours access, controlled by PIR sensor
- **Ventilation:** Open at high level or ventilation grilles to prevent odour accumulation while maintaining security

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- **Signage:** Clear waste segregation signage and collection day reminders

Compliance:

- Design complies with **BS 5906:2005 Section 6** (External storage)
- Meets **Manchester City Council Waste Storage and Collection Guidance**
- Provides **vermin-proof** construction with no gaps >10mm
- Bin store located minimum **10m from habitable windows** of neighbouring properties (odour control)

3.3 Bin Provision (External)

Standard **European wheeled bins** compatible with Manchester City Council collection vehicles:

Waste Stream	Bin Size	Quantity	Collection Frequency	Total Capacity
General Waste	1100L	4	2x per week	4,400L
Mixed Dry Recycling	1100L	3	1x per week	3,300L
Food Waste	240L	2	2x per week	480L
Glass Recycling	240L	1	1x per fortnight	240L
Confidential Waste	240L	1	1x per fortnight (secure)	240L
TOTAL EXTERNAL	-	**11 bins**	-	**8,660L**

Additional:

- 1 x lockable storage unit for WEEE waste and batteries (quarterly collection)
- Space allocated for bulky waste collection (on-demand)

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Bin Colour Coding:

- General waste: **Black bins with black lids**
- Mixed recycling: **Blue bins with blue lids**
- Food waste: **Brown/green bins with brown lids**
- Glass: **Clear/green bins**
- Confidential waste: **Red bins with locks**

All bins clearly labelled with waste type and collection day in **English and Somali** to support effective waste segregation.

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4. COLLECTION AND DISPOSAL ARRANGEMENTS

4.1 Waste Collection Service Provider

Primary Collector: Manchester City Council Commercial Waste Services
Contract Type: [Trade Waste Agreement Reference to be inserted]
Backup Provider: [Licensed private waste contractor name] (if required)

4.2 Collection Schedule

Waste Type	Collection Day	Collection Time	Frequency
General Waste	Monday & Thursday	06:00 - 10:00	2x per week
Mixed Recycling	Wednesday	06:00 - 10:00	1x per week
Food Waste	Monday & Thursday	06:00 - 10:00	2x per week
Glass Recycling	Alternate Wednesdays	06:00 - 10:00	Fortnightly
Confidential Waste	Alternate Fridays	By appointment	Fortnightly

Collection Point:

- Bins will be presented at the **designated collection point on Crofton Street** with level, unobstructed access for collection vehicles
- Presentation time: **By 06:00 on collection day**
- Return time: **Within 2 hours of collection** to maintain site tidiness

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4.3 Collection Vehicle Access

- **Access Route:** Crofton Street (adopted highway with unrestricted width)
- **Vehicle Type:** 26-tonne refuse collection vehicle (RCV)
- **Swept Path Analysis:** Provided separately demonstrating adequate access and turning
- **Reversing:** Banksman protocol in place if required
- **Distance from collection point to bin store:** Maximum 10m (within acceptable limit per BS 5906)

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4.4 Disposal Routes

All waste will be disposed of in accordance with **The Waste (England and Wales) Regulations 2011** and **Duty of Care** requirements:

- **General Waste:** Energy from Waste facility or licensed landfill (with appropriate documentation)
- **Mixed Recycling:** Material Recovery Facility (MRF) for sorting and onward recycling
- **Food Waste:** Anaerobic Digestion (AD) facility or in-vessel composting
- **Glass:** Glass reprocessing facility
- **WEEE:** Designated WEEE recycling facility
- **Confidential Waste:** Secure destruction and recycling

Waste Transfer Notes: Maintained for all collections as required by Environmental Protection Act 1990 Section 34

5. ACCESS AND MANAGEMENT

5.1 Access Routes

- **Internal Transfer Routes:**
  - Level access corridors (minimum 1.2m width) from all internal storage points to external store
  - Appropriate floor finishes (slip-resistant) maintained at all times
  - Doors held open during transfer or minimum 900mm clear width
  - No steps or changes in level; ramps provided where necessary (maximum gradient 1:12)
- **External Access:**
  - Hard standing path from building to external bin store (minimum 1.5m width)
  - Adequate lighting for safe out-of-hours access
  - Maintained clear of obstructions at all times

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5.2 Health and Safety Measures

Risk Assessment:

- *Comprehensive waste handling risk assessment completed in accordance with* **Health and Safety at Work etc. Act 1974**
- Manual handling assessment conducted (bins not to exceed safe manual handling limits when full)
- COSHH assessments for cleaning chemicals used in refuse areas

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Personal Protective Equipment (PPE):

Staff handling waste will be provided with:

- Heavy-duty gloves (EN 374 chemical resistant)
- High-visibility vests (EN ISO 20471)
- Safety footwear (EN ISO 20345)
- Eye protection (if required)

Training:

All staff involved in waste management will receive training on:

- Waste segregation procedures
- Manual handling techniques
- Use of PPE
- Emergency procedures (spillages, injuries)
- Fire safety procedures

5.3 Management Responsibility

Designated Responsible Person: Alfurqan Islamic Centre Facilities Manager

Responsibilities:

- Day-to-day management of waste storage areas
- Ensuring bins are presented for collection
- Monitoring waste segregation compliance
- *Liaison with waste collection contractors*
- Maintaining waste transfer documentation
- Annual review of waste management procedures
- Staff training coordination

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Cleaning and Maintenance:

- Internal storage areas: Cleaned daily
- External bin store: Cleaned weekly and after each collection
- Bins: Washed quarterly or as required

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- Drainage gullies: Inspected and cleaned monthly
- Pest control inspections: Quarterly (contract with licensed contractor)

5.4 Waste Management Log

A **Site Waste Management Log** will be maintained recording:

- Waste collection dates and volumes
- Waste Transfer Notes
- Segregation audits
- Complaints or incidents
- Maintenance activities
- Pest control inspections

6. SUSTAINABILITY AND RECYCLING MEASURES

6.1 Waste Hierarchy Compliance

The waste management strategy follows the **Waste Hierarchy** (Waste (England and Wales) Regulations 2011):

1. **Prevention:** Procurement practices to minimise unnecessary packaging; reusable items promoted
2. **Preparing for Reuse:** Furniture/equipment donated to community projects where possible
3. **Recycling:** Comprehensive segregation at source with clear signage
4. **Other Recovery:** Food waste to anaerobic digestion (energy recovery)
5. **Disposal:** Residual waste to Energy from Waste (not landfill where possible)

6.2 Recycling Promotion

- **Signage:** Multi-lingual waste segregation posters (English and Somali) at all waste collection points
- **Education:** Regular reminders to staff and users via newsletters and noticeboards
- **Audits:** Quarterly waste composition audits to identify opportunities for improvement
- **Targets:**
  - **Achieve minimum 60% recycling rate by Year 1**
  - **Target 65% recycling rate by Year 2**
  - **Annual waste reduction target of 5%**

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6.3 Procurement and Minimisation

- **Sustainable Procurement:** Preference for products with minimal packaging and recyclable materials
- **Reusable Items:** Encouragement of reusable water bottles, coffee cups, and food containers
- **Digital Communications:** Minimize paper waste through digital noticeboards and communications
- **Food Waste Reduction:** Menu planning and portion control to minimize food waste from community events

7. MONITORING AND REPORTING

7.1 Performance Monitoring

Key Performance Indicators (KPIs):

- Total waste generated (kg/month)
- Recycling rate (%)
- Contamination rate in recycling bins (%)
- Complaints received (number)
- Missed collections (number)

Reporting:

- Monthly waste data reports to Centre Management
- Quarterly sustainability reports to Board of Trustees
- Annual waste management review

7.2 Compliance Audits

- **Internal Audits:** Quarterly inspections by Facilities Manager
- **External Audits:** Annual compliance audit by waste contractor
- **Planning Condition Compliance:** Available for review by Manchester City Council Planning Officers

8. EMERGENCY PROCEDURES

8.1 Spillage Procedures

- Spillage kits located in waste storage areas
- Immediate containment and cleaning of spills
- Incident reporting to Facilities Manager
- Investigation and corrective action

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8.2 Missed Collections

- Contact waste contractor immediately
- Temporary storage arrangements if bins cannot be collected
- Log incident and follow up

8.3 Odour or Pest Issues

- Immediate investigation and remedial action
- Contact pest control contractor if required
- Review collection frequencies if necessary
- Communication with neighbours if affected

9. IMPLEMENTATION AND RETENTION

9.1 Implementation Timeline

The refuse storage and disposal arrangements set out in this scheme shall be **implemented in full prior to first use of the proposed Community Centre extension** in accordance with the approved planning permission.

Pre-Opening Checklist:

- ☐ External bin store constructed and operational
- ☐ All bins delivered and positioned
- ☐ Waste collection contract signed and commenced
- ☐ Signage installed (internal and external)
- ☐ Staff training completed
- ☐ Risk assessments and COSHH assessments approved
- ☐ Pest control contract in place
- ☐ Waste management log system established
- ☐ Final inspection by Planning Officer (if required)

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9.2 Retention

The refuse storage and disposal arrangements shall be **retained and maintained in good working order thereafter** for the lifetime of the development, unless otherwise agreed in writing by the Local Planning Authority.

Any proposed changes to the refuse management arrangements shall be submitted to and approved in writing by the Local Planning Authority prior to implementation.

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10. CONCLUSION

This Refuse Storage and Disposal Scheme demonstrates that **suitable, adequate, and compliant arrangements** are in place for the internal and external storage, segregation, collection, and disposal of refuse and recyclables from Alfurqan Islamic Centre.

The scheme has been prepared in accordance with:

- **Building Regulations Part H** (Drainage and Waste Disposal)
- **BS 5906:2005** (Waste Management in Buildings)
- **Manchester City Council** planning policies and waste management guidance
- **Environmental legislation** including the Waste (England and Wales) Regulations 2011
- **Health and Safety legislation** including COSHH and manual handling regulations

The arrangements will ensure waste is managed **safely, hygienically, and sustainably**, without adverse impact on:

- Visual amenity
- Neighbouring occupiers
- The local environment
- The public highway

The scheme fully discharges the relevant planning condition and demonstrates the applicant's commitment to responsible and sustainable waste management.

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APPENDICES

- **Appendix A:** Site Location Plan showing refuse storage areas
- **Appendix B:** External Bin Store Construction Details and Elevation Drawings
- **Appendix C:** Waste Collection Vehicle Swept Path Analysis
- **Appendix D:** Waste Segregation Signage Examples
- **Appendix E:** Risk Assessment - Waste Handling
- **Appendix F:** COSHH Assessment - Cleaning Chemicals
- **Appendix G:** Manchester City Council Trade Waste Service Agreement (template)
- **Appendix H:** Waste Transfer Note Template
- **Appendix I:** Site Waste Management Log Template

DOCUMENT CONTROL

Revision	Date	Description	Prepared By	Approved By
Rev A	February 2025	First Issue for Planning Submission		

Certification

I certify that the arrangements described in this Refuse Storage and Disposal Scheme are appropriate for the proposed development and comply with relevant building regulations, planning policies, and environmental legislation.

Signature:

Rashid

Name: Rashid

Position: Architect

Date: February 2025

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