

HARROW COUNCIL
Community Directorate

CODE OF PRACTICE
FOR
THE STORAGE AND COLLECTION OF REFUSE
AND MATERIALS FOR RECYCLING
IN DOMESTIC PROPERTIES

This Code of Practice has been prepared for the general guidance of Developers and Architects who are planning a development or redevelopment within the London Borough of Harrow.

The following topics are covered: -

- 1 Wheeled Bin system
- 2 Volumes to be provided
- 3 Access Requirements
- 4 Refuse Vehicle Dimensions
- 5 Wheeled Bin Dimensions

This code of practice is not intended to be a comprehensive guide.

Purchase of bins: Phone 020 8901 2600

Queries relating to waste management issues should be addressed to: -

Harrow Council

Community Directorate

P.O. Box 38, Civic 1

Station Road

Harrow

HA1 2UZ

Telephone: 020 8424 1905

E-mail: paul.hollands@harrow.gov.uk

Queries relating to the planning aspects of the refuse storage within a development should be addressed to: -

Harrow Council

Planning, Development & Enterprise

PO Box 37, Civic 1

Station Road

Harrow

HA1 2UY

Telephone: 020 8424 1441

FAX: 020 8424 1551

E-mail: Dplanner@harrow.gov.uk

Queries relating to the building control aspects of the refuse storage within a development should be addressed to: -

Harrow Council

Planning, Development & Enterprise

PO Box 37, Civic 1

Station Road

Harrow

HA1 2UY

Telephone: 020 8424 1434

FAX: 020 8424 1846

E-mail: bcontrol@harrow.gov.uk

1) Wheeled Bin System

The Council uses the wheeled bin system for the collection of waste and has adopted powers under sections 45 and 46 of the Environmental Protection Act 1990 specifying that wheeled bins shall be used for the storage and collection of waste. Two systems are in use:

Three bin system:

Houses, Maisonettes, Bungalows and Residential Conversions

- Blue Bins for recyclable waste – collected on alternate weeks
- Grey bins for residual waste – collected on alternate weeks.
- Food Caddies – For the collection of food waste - weekly collection
- **Optional Service** – Brown Bin Garden Waste (Paid for optional service)

Two bin system:

Flats, Communal and High Rise Developments

- Blue Bins for recyclable waste (240 or 1280) – collected weekly
- Grey/Galvanised waste Bins for residual waste (240ltr or 1100ltr) – collected weekly
- **Optional Services** – Food Waste (Caddie or 140ltr Bin Collected weekly).
- **Optional Service** – Brown Bin Garden Waste(Paid for service – Fortnightly collection)
- **Bin size at flats will be agreed upon inspection of site during development**

Compulsory Recycling for Houses. The following materials are required to be recycled:

Food Waste	Food Caddie
Paper and Cardboard	Blue Bin
Glass bottles and jars	
Tins and cans (steel and aluminium)	
Plastic bottles (all polymers)	

Bins must be provided for all new properties and residential conversions.

To purchase bins: Phone 020 8901 2600

2) Volumes to be provided

2.1 Three-bin system

- 2.1.1 Developers should provide one 240 litre Blue Dry Recycling Bin and one 240 litre Grey General Waste Bin for each house. The council will provide to each house 1 x 23ltr Food Caddie and 1 x 7ltr Kitchen Caddie.

- 2.1.2 Developers should provide a suitable storage area or enclosure in an inconspicuous position, preferably at the side of the building, to avoid the use of front gardens for such purposes. Harrow Unitary Development Plan Policy D9 recognises the contribution that front gardens can make to the character of an area and seeks the enhancement of frontages in new developments. Space must be allocated to allow residents the option of taking up the Garden Waste Service of which an additional 240 Brown Bin will be provided upon sign up.
- 2.1.3 Where these requirements are not feasible consideration should be given to provision within or adjacent to the building.
- 2.1.4 Details of siting and storage for refuse facilities should be submitted as part of the planning application to allow proper consideration before the grant of planning permission. This should include details of design and external appearance of enclosures.
- 2.1.5 Where appropriate (i.e. maisonettes and conversions) the total number of bins needed should be reduced by using the different coloured bins communally. The only requirement is that for the development, as a whole, must have sufficient storage capacity for the waste streams.

2.2 Two-bin system

- 2.2.1 Developers should provide storage space for the appropriate number and size of General Waste Bins and Blue Recycling Bins. Details of siting and storage for these facilities should be submitted as part of the planning application to allow proper consideration before the grant of planning permission. This should include details of design and external appearance of enclosures. In general one 1100 litre Waste Bin and one 1280 litre Blue Bin should be provided for every eight flats. Additional spacing must be made available to allow residents the option of taking up the Council's Optional Garden Waste Service and Food Collection Service.
- 2.2.2 Garden waste bins or Food waste Bins are not provided for flats. Garden waste should be removed by the grounds maintenance contractor for disposal and NOT put into the communal bins. Optional service in the removal of Garden and Food Waste can be provided by the Council upon request by Residents.
- 2.2.3 Communal storage should be provided in storage enclosures within the development or in buildings that are set apart from the residential buildings. Containers should be of the "Continental Wheeled-Bin" type as these provide equivalent storage capacity but have the advantage of an integral lid and a low loading height. The storage enclosures or building should be large enough to allow access to all containers and of robust construction. Such enclosures or buildings should not be sited on the frontages, preferably at the side or rear of buildings. Care should be taken to avoid siting in a location that would be detrimental to the amenity of neighbouring residents
- 2.2.4 Where blocks of flats are proposed developers should also consider the provision of separate, lockable enclosures for the storage of 240 litre bins for clinical waste, which must be stored securely and separately from normal household waste.
(Bins supplied upon request)

2.2.5 Reference should also be made to the Building Regulations 2000 Approved Document Part H Drainage and Waste Disposal. Guidance is given on the capacity; design and siting of refuse storage. Containers should be sited so that householders/Flat Dwellers are not required to carry refuse further than 25m.

3) Access Requirements

3.1 Access for Collectors

3.1.1 Collections from households are made from a position as close to the front boundary of the property as possible, i.e. immediately adjacent to but not on the pavement. Residents are responsible for moving their bins to the collection point on collection days. Developers should ensure that there is sufficient temporary storage area at the front of the property and that this does not obstruct either the pedestrian or vehicular access to the property.

3.1.2 Collections from flats shall be collected from a position not greater than 10m from the refuse vehicle. In designing the access paths from the storage location to the collection vehicle the following design requirements must be followed: -

- a minimum width of 1.5m;
- completely free of kerbs and steps
- a suitable dropped kerb or shallow ramp shall be provided where paths meet roadways;
- solid foundations suitable to withstand the loading imposed by the castors of large wheeled bins;
- a smooth hard-wearing surface to allow the bins to be easily pushed / pulled;
- roads and access paths to buildings or refuse enclosures should be level or have a gradient no steeper than 1:12;
- Any gradient should be of a minimum to allow easy collection and return of the receptacles.
- not obstructed by car parking spaces

3.1.2 If bin enclosures are locked they must use a standard FB2 key or be unlocked prior to collection by the Management Company/Landlord/resident/s. Unless these conditions are met the council will accept no responsibility for missed collections due to locked access and there will be a charge for return collections. Where coded locks are implemented then these codes must be provided to the Waste Service prior to collections being undertaken.

3.2 Access for Collection Vehicles

3.2.1 Roads giving access to individual houses or refuse chambers or housing should not be less than 5.5 metres in width, have corners of 6 metres radius and be built to withstand the weight of refuse vehicles having a maximum laden weight of 26 tonnes. For all access dimensions please see appendix 4.1

3.2.2 Where developments are accessed via a gate, the Managing Agents/Landlord will be required to provide open access for the refuse vehicle on collection day. The council will not accept entry arrangements involving a key, keypad or any other arrangement that transfers responsibility for access to the council, its operational

staff or its contractor. Unless these conditions are met the council will accept no responsibility for missed collections due to locked access and there will be a charge for return collections.

- 3.2.3 If the chamber/enclosure is within the prescribed distance from the public highway, and providing the number of containers to be emptied is not more than two, collection will take place with the vehicle parked on the public highway. When the number of containers is more or the distance is greater than prescribed the vehicle may enter the private estate, to avoid creating an obstruction to traffic, and the road specification in 3.2.1 shall apply.
- 3.2.4 Roads should be laid out to ensure reasonable convenience for the collection vehicle and should be a minimum of 5.5 metres wide and arranged for the collection vehicle to continue in a forward direction. Adequate space for turning must be provided. For collection vehicle turning circles see Section 4.1
- 3.2.5 In all instances, the road crossing the footway shall be designed so that the vehicle does not encroach onto the footway when reversing, i.e. 6 metre radius corners.
- 3.2.6 Where roads are likely to be parked with cars, the developer must ensure that access for the collection vehicle is still maintained.
- 3.2.7 Covers over manholes, gully gratings and the like shall, in private roads which the refuse vehicle is required to use, be of the heavy-duty type.
- 3.2.8 Any arch, under which the refuse vehicle must pass, should allow minimum 4 metres clearance.

4) Refuse Vehicle Dimension

4.1 It is essential for any road layout or development in which a refuse collection vehicle will be required to operate, to suitably accommodate the largest type of collection vehicle.

“On street” car parking by residents and visitors can cause considerable problems to the Service and adequate car parking facilities should be provided within the scheme.

Regard should be given to the overall length, width and height of the refuse collection vehicle; it's operating height (when lifting containers) its turning circle (between the kerbs and between the walls) and finally, it's fully laden weight. Examples of these figures are given below: -

Overall Length	11.10 metres
Overall Width	3.0 metres
Overall width including mirrors	3.5 metres
Overall Height	3.5 metres
Operating Height	4.0 metres
Turning circle between kerbs	17.0 metres
Turning circle between walls	18.0 metres
Maximum laden weight	25.5 tonnes

5) Container Specification

Dimensions: The following dimensions are provided as a guide only. Developers should check dimensions and make allowances for manoeuvring them through doorways and in enclosures.

Container	width	height	depth
240 litre wheeled bin	600	1050	700
1100 litre wheeled bin GALVANISED SILVER Residual Bin	1275	1370	980
1280 litre wheeled bin DUTCHESS BLUE with recycling information livery* Recycling Bin	1275	1530	990

Chips: All bins shall be equipped with a 125 kHz read-only chip

Livery – needs to state recycling items

Blue 1280 Recycling Bin - "Paper, Cardboard, Glass Bottles, Cans, Plastic Containers/Bottles

Lid notches: To ensure that people with visual impairment can differentiate between different bins, notches shall be provided as follows in the lids.

0 Notches – Grey/Green Bin

1 Notch – Blue Bin