

WASTE COLLECTION and RECYCLING STORAGE and SERVICING ARRANGEMENTS FOR NEW DEVELOPMENTS

A guide for planners and architects



GENERAL

When designing facilities planners/architects should take into account the requirements of all residents in the area and any operative or vehicle required to service recycling and refuse collection arrangements.

The advice contained within this leaflet is given for guidance purposes only and should be read in conjunction with the British Standards Institute advice BS5906 Waste Management in Buildings - Code of Practice, which is available by telephoning the BSI on 020 8996 9000.

STORAGE

Sufficient space shall be provided for any on-site treatment of waste that may be required including the sorting and segregation of materials for recycling purposes. Space should also be provided for the occasional storage of larger items of furniture requiring separate collection.

It is important that sufficient receptacles are provided in a position reasonably convenient for residents to accommodate all waste between collections. However, any communal receptacle storage points should also be near to the road that will be used by any vehicle required to service such receptacles so as to facilitate safe and efficient collection.

In determining this location developers should attempt to minimise the potential for disruption for residents caused by noise, smell and detriment to visual amenity.

When designing facilities special consideration should also be given to access for the short in stature, or people who may be disabled or infirm.

PROPERTY TYPES

(a) **Detached, Semi-detached, terraced, bungalow and other similar type property**

The Council's adopted method of refuse collection normally involves the provision of two 240 litre capacity wheeled bins which are emptied on alternate weeks. Each household may also have a 55 litre capacity box for the storage of dry recyclables. It follows that as statutory recycling targets are increased by Government there may be an increased requirement for an additional receptacle such as a third wheeled bin, or equivalent at some future date. In so far as it is reasonably practicable planners are requested to take this into account at the design stage.



Occupiers of such property are normally required to present their bin for emptying to a position which is at the outside edge of their property nearest to the road used by the refuse collection vehicle or to a communal collection point.

(b) **Multi-Occupancy Properties**

An increasing number of new/existing properties are being designed/alterd for multi-occupancy use. In cases where the number of self-contained units are less than four, it is generally recommended that (unless there is some significant reason to do otherwise, e.g. where the transient nature of the tenancies may lead to

poor housekeeping) individual receptacles are provided. Where poor housekeeping may occur or the number of self-contained units is more than four communal (shared) receptacles may be more appropriate.

Where a shared, or communal receptacle is provided this will normally be collected and returned after emptying by operatives subject to the general requirements outlined elsewhere in this guidance being fulfilled.



APPROACHES

Receptacles should be stored at vehicle access level and the collectors should not normally be required to wheel a receptacle more than 30 metres to the collection vehicle.

Where this involves communal receptacles the paths between the receptacle storage and emptying point should:

- have a minimum width of 1.54 metres
- be free from kerbs or steps, or any steep gradients
- have solid foundations
- be suitably covered with a smooth continuous finish
- have a dropped kerb where the path meets the roadway

ROADS

Roads giving access to houses or receptacle storage areas should as a minimum, where there are ten dwellings or less, meet with the Derbyshire County Council Roads in Housing Developments Standard and where there are more than ten dwellings preferably:

- be no less than 5.5 metres in width
- have corners of 6 metre radius in order to avoid the need to encroach on footways and verges
- be built to withstand vehicles of up to 32 tonnes laden weight and rear axle ratings up to 19 tonnes
- special consideration should be given to providing heavy duty manhole covers and gully gratings
- any archway should allow a minimum clearance of 4 metres
- turning spaces should be related to vehicles having:
 - a length of 11.85 metres
 - a width of 2.5 metres
 - a wheelbase of 5.8 metres
 - a turning circle of 22.07 metres

RECEPTACLES

The approved method for storing waste is using wheeled bins of various sizes that suit the needs of occupiers. The standard sized receptacle currently supplied to most households is 240 litres in capacity.

The dimensions and capacity of approved receptacles currently supplied by the Council are shown below.

PICTURES/DIMENSIONS OF RECEPTACLES

140 litres capacity

Height	Width	
1080mm	510mm	560mm



240 litres capacity

Height	Width	
1080mm	585mm	710mm



360 litres capacity

Height	Width	
1105mm	625mm	875mm



660 litres capacity

Height	Width	
1330mm	1230mm	715mm



1100 litres capacity

Height	Width	
1370mm	1260mm	985mm

For further information please contact:

**Waste Management and Strategy Unit
Community Services Department
Chesterfield Borough Council
Town Hall
Chesterfield
Derbyshire
S40 1LP**

Tel: 01246 345089

Chesterfield Borough Council

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- We want everyone to be able to read our written materials
- We aim to provide what you require to enable you to read, talk and write to us.

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- ✓ Translations of written materials into other languages
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