

Colchester Borough Council

Street Services Infrastructure Guide



Published October 2012

Street Services Infrastructure Guide

In October 2012 the Council adopted the Street Services Delivery Strategy as a Supplementary Planning Document (SPD). To provide further information this additional guidance has been published. It does not form part of the SPD but simply adds a further layer of detail for those people involved in the provision of Street Services facilities and infrastructure.

Bins

The need for and location of both dog waste and litter bins will depend on existing provision in the area, the size and type of development proposed, the scale of litter likely to be generated by a new development, the suitability of pavement and other planning considerations.

The distance people are prepared to go to use a waste bin determines the number of bins needed in identified locations. This distance varies from site to site. For example, people at transport terminals and shops would use a bin rather than litter within 3.5 metres of bins, while at coastal locations people would walk up to 17 metres to use a bin. Each proposal will be looked at on its merits to ensure there is adequate provision but at the same time avoiding street clutter.

Dog waste bins

Dog bins are an important sustainable feature; they promote clean streets and good quality living environments for all. Dog ownership is estimated in around 31% of UK households (based on a 2007 survey by the University of Bristol.)

A development of 35 dwellings therefore is likely to include 10 dog owning households. If provision is not already available in the local area, the inclusion of dog bin facilities and a sum for maintenance may be required in new residential developments of 35 or more units, in an appropriate position as agreed by the Borough Council and the local Highways Authority (as applicable).

Where a development incorporates a new green space which is likely to be used to exercise dogs from those within the development, a dog bin should be installed in a position agreed with the service based on accessibility. A commuted sum may also be required for maintenance.

Where the installation of a bin is not practical or desirable a developer of a scheme over 35 units may be asked to contribute towards maintenance costs and extra collections from existing bins. Dog bins should be red and the design should not allow for the waste to be removed from the bin once it has been put in. The design over the page is the type that we would expect to be installed;



Design specification	
Capacity	50litre
Height	750mm
Width	450mm
Depth	250mm

If required the bins should be supplied, installed and maintained by the developer for 5 years (including emptying). The developer may also contract the Council to supply, install and maintain the bins at the below specified costs.

Bin	Cost (excl VAT)	Installation + logo fit	Maintenance (5 years per bin)
Jubilee Recycling Bin	£406.01	£85	£1250
Jubilee Litter Bin	£342.05	£85	£1250
Retriever Dog Bin	£286.06	£85	£1250

Litter bins

New development may also increase the likelihood of littering in specific areas and as such infrastructure should be put in place to minimise this impact. Furthermore the use of recycling street units (litter bins with recycling compartments) will help to further promote recycling in the borough.

New residential developments of 10 or more properties that are likely to increase litter issues may be required to install street litter or recycling units, or make a contribution to the local authority to cover such costs. Areas likely to require litter bins include;

- Developments on a pedestrian school route, such as a common through pass between a school and retail premises, or a school and housing estate
- Green space used for recreational activities
- Other pedestrian routes which run around or through the development, particularly those linking housing estates with retail and recreational units.

All commercial units which are likely to require disposal of packaging (i.e. shops, fast food), will also be required to install litter bins within the vicinity, if existing provision is not adequate.

Litter bins are usually sited on the adopted highway or land owned or under the control of the Council. It is not general practice to locate litter bins in remote lay-bys, housing estates, or on land owned by others. Litter bins sited in such areas can suffer abuse and become a nuisance.

Street recycling units for paper and plastics should always be installed alongside litter bins. The bin dimensions below give the appropriate bin specifications. These would require two separate recycling bins for paper and plastics as well as a separate waste litter bin.

Waste litter



Recycling units



Design specification	
Capacity	130litre
Height	1158mm
Width	598mm
Depth	553mm

Recycling and waste facilities

Colchester Borough Council operates a kerbside collection of recycling and waste from all houses within the borough. All new developments of houses should therefore provide the following;

- Compost bins or compost infrastructure within a property boundary
- Recycling box for glass, cans and foil
- Hessian garden waste sacks
- Clear recycling sacks for plastics, paper, card and textiles
- Black refuse sacks for non-recyclable household waste

Residents living in blocks of flats are also required to separate their waste and should place materials in wheeled bins for collection. All new developments of flats require the provision of;

- Wheeled bins for recycling
- Wheeled bins for waste
- Storage areas.

The specifications for recycling and waste containers are listed over the page.

Any development of trade or retail premises should also incorporate adequate recycling and waste storage and collection facilities. As a minimum, businesses should be enabled to recycle paper, card and glass.

Domestic recycling and waste requirements: houses

Clear recycling sacks

To enable residents to place their paper, card, plastics and textiles out for collection, clear recycling sacks are provided to each household. It is important that relevant collection information is shown on the sacks. These sacks can be purchased through Colchester Borough Council.



Design specification	
Length	940mm
Width	740mm
Minimum acceptable gauge	100
Type of material	Recycled MDPE
Colour	Clear

Compost bins

Home composting bins similar to the one shown below and meeting the specifications detailed in the accompanying table can be provided. Alternatively, compost infrastructure can be built within a property boundary i.e. outdoor unit.



Design specification	1 – 4 persons	5 persons+
Capacity	220 litre	330 litre
Height	900mm	1000mm
Diameter	740mm	800mm

Recycling Box

An industrial strength plastic box with a divider and lid enables residents to separate their glass, cans and foil. The container should have two lifting handles on the side as shown in the image below and four drainage holes on the bottom. These containers are available from Colchester Borough Council.



Design specification	
Capacity	55 litre
Width	630mm
Depth	390mm
Height	355mm
Weight	1.55kg
Divider	✓
Lid	✓
Colour preference	Green

Garden waste sacks

Garden waste sacks enable residents to participate fully in the kerbside collection scheme. The sacks reiterate the Council's collection policy with regards to what materials can be placed out for collection and how it should be presented. Sacks can be purchased from Colchester Borough Council. Alternatively, sacks similar in size and construction can also be used to store and present garden waste for collection.



Design specification	
Capacity	45 litre
Width	450mm
Depth	450mm
Height	450mm
Colour preference	White
Handles	Two lifting handles, one emptying handle on the base of the sack
Additional Information	Must specify what can be placed inside the sacks for collection.

Refuse Sacks

Black refuse sacks enable residents to securely place non-recyclable household waste for collection. The sacks reiterate the Council's collection policy with regards to collections and the presentation of refuse. These are available from Colchester Borough Council.



Design specification	
Length	940mm
Width	740mm
Minimum acceptable gauge	76
Type of material	Recycled MDPE
Colour	Black

Domestic recycling and waste requirements: flats

Residents living in blocks of flats should be provided with communal recycling waste facilities. These facilities should be contained within a dedicated bin storage area.

Waste bins

Residents living in blocks of flats are required to place non-recyclable household waste in securely tied sacks. The sacks should then be placed inside a communal eurobin for collection. The communal refuse bin should be made from galvanised steel and have a heavy duty, lightweight plastic lid. The bin must be compatible with all standard bin lift vehicles and have breaks to ensure the bin can be secured. One 1100L eurobin will serve 12 properties; average dimensions are shown below;



1100 litre eurobin specification	
Height	1430mm
Width	1370mm
Depth	970mm
Serves	12 properties

Recycling Bins

Based on current waste and recycling collections, all blocks of flats which are three storeys or more, should be provided with a set of three 360 litre eurobins to facilitate the collection of paper, glass and cans. The bins should be labelled with one of each uses.

The bin store, or designated recycling area, should be sized to meet the required storage size of waste and recycling containers at the time of planning approval. Further details about the current requirements can be obtained through Colchester Borough Council.

The dimensions of an average 360 litre bin are shown in the table below. One set of three recycling bins (for paper, glass and cans) will be sufficient for up to eight flats.



Recycling bins specification	
Height	1100mm
Width	600mm
Depth	880mm

Indicative costing and specifications for required Recycling and Waste facilities

These are indicative prices based on current Colchester Borough Council costs for recycling and waste containers.

	Houses	Flat with own self contained garden	Flat with no amenity space
Containers which can be purchased from Colchester Borough Council	1 x roll of 52 black refuse sacks £2.50	1 x roll of 52 black refuse sacks £2.50	360L recycling bin for paper with labelling £65
	1 x roll of 52 clear recycling sacks at £2.50	1 x roll of 52 clear recycling sacks £2.50	360L recycling bin for glass with labelling £65
	1 x green recycling box £6	1 x green recycling box £6	360L recycling bin for cans with labelling £65
	1 x white reusable garden waste sacks £3.60 each	1 x white reusable garden waste sacks £3.60 each	<i>(1 of each bin is required for every 8 flats)</i>
Containers which cannot be purchased from the Council	220L compost bin	220L compost bin	1100L wheeled, galvanised metal waste bin
	330L compost bin	330L compost bin	(1 bin is sufficient for 12 properties)