

WASTE SERVICES INFORMATION FOR DEVELOPERS

(ref DevJuly2022v1)

OVERVIEW

The information in this document is intended to help and guide developers in providing adequate storage facilities at residential properties to store containers for Refuse, Green Waste (where service is available) and Recycling. It is recommended that all developers contact the City of York Council's Waste Services Department for advice at the planning stage and **again before construction begins**. Please contact us as soon as possible in the planning stages to discuss requirements. **It is the responsibility of developers to purchase containers**

- Phone: 01904 551551
- e-mail: ycc@york.gov.uk

INDEX

1. Waste Services General Information
2. Individual Properties e.g. detached, semi-detached & terraced
3. Communal properties e.g. flats
4. Vehicle Access
5. Containers
6. Refuse Collection Vehicle Dimensions
7. Container Costs
8. Next Steps

1. WASTE SERVICES GENERAL INFORMATION

- 1.1. City of York Council currently operate an alternate weekly collection system with household waste being collected one week and recycling the next. The provisions of additional waste storage capacity provided by the developer is recommended to accommodate any changes in the frequency waste is collected
- 1.2. Domestic properties are allowed to present 180 litres of rubbish, per fortnight. Presented in a wheeled bin (bags are collected where wheeled bins are not operationally possible)
- 1.3. Domestic properties are allowed to present 165 litres of recycling waste per fortnight. Recycling is collected in two separate waste streams.
- 1.4. Recycling materials must be sorted into the below combinations;
 - 1.4.1. Paper and card
 - 1.4.2. Glass, plastic and cans (see further plastic guidance below)
- 1.5. Waste must be presented by 7am on the morning of collection and no earlier than 7pm the night before
- 1.6. Waste must be stored within the property boundary at all other times
- 1.7. Residents can only use wheeled bins provided by the council. This ensure that the lifting mechanism on the collection vehicles has been precisely adjusted to hold the bin in place during the tipping cycle. Non-standard bins may flex at the rim during hoisting which could result in the bin falling & causing injury to operatives
- 1.8. Residents can download their collection schedules and calendar by visiting www.york.gov.uk/refuselookup and entering their postcode in to the 'Do It Online' tool
- 1.9. Until October 2019, the only type of plastic City of York Council collected was 'plastic bottles' we now also accept plastic in different forms, as long as they are PET 1 and HDPE 2. Plastic of this type is of a high quality and can be easily recycled. We still do not accept 'mixed plastics' of a lower quality such as plastics labelled 3 – 7
- 1.10. Developers are encouraged to install compost bins in all private gardens to encourage their use by residents

2. INDIVIDUAL PROPERTIES E.G. DETACHED, SEMI-DETACHED & TERRACED

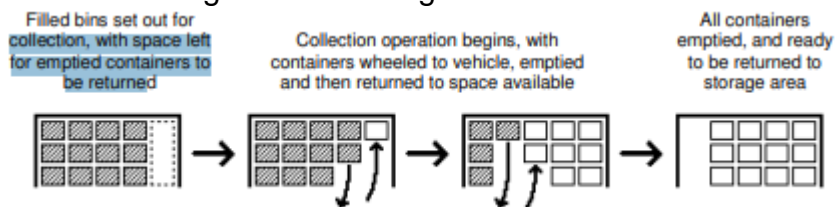
- 2.1. Residential proposals for detached, semi-detached or terraced properties must provide external space at each property to store containers
- 2.2. A standard set of bins for a property of these property types would be;
 - 2.2.1. 180 litre Grey wheeled bin for refuse
 - 2.2.2. 180 litre Green wheeled bin for Garden waste (where the service is offered. Please note City of York Council is not obliged to offer a garden waste collection service)
 - 2.2.3. 3x 55 litre (stackable) boxes for household recycling
- 2.3. All collections for individual houses take place at the front of the premises. Residents are required to present their wheelie bins and recycling boxes for collection at the edge of their premises, but not on the pavement itself. The Refuse Collectors will not enter onto private land to make a collection. Consideration must therefore be given to the fact that the residents will be required to wheel their bins to the front and leave on the edge of their properties for collection as well as adequate space for pedestrians with prams/wheel-chairs to pass safely. The refuse collection vehicles should be able to gain access directly in front of each property

- 2.4. The design of the front garden or yard should enable the bins to be stored in a shaded position away from windows. The bins must not intrude on the street scene, and therefore must be contained within an appropriate front wall, fence or hedge of the garden, or alternatively within a dedicated and suitably designed structure within the boundary of the premises. Bin storage areas should be located to minimise nuisance to adjoining properties
- 2.5. Central Collection Points
- 2.5.1. Where developers have not adequately planned for collection of waste from the front edge of properties, or site access is restricted, a central collection point for waste and recycling may be implemented. If this is the case, it may be that communal bins will be required for some waste types rather than individual bins. The refuse collection vehicles should be able to gain access directly in front of each central collection point, stopping for loading in a safe and legal position where they will not obstruct other traffic, pedestrians or access
- 2.5.2. If a central collection point is needed, the developer is required to provide an appropriate place and hardstanding on which to place these bins for collection. Please note – we do not collect Kerbside recycling boxes from central collection points – communal bins will be required. Consideration must be given to the distance residents are to move their bins to the central collection point and return to their properties. The stopping point for the refuse collection vehicle should be safe, legal and designed to minimise any obstruction to traffic
- 2.5.3. The central collection point should be located as near to the road as possible with a flat even surface between it and the vehicle collection point, (n.b; not gravel, cobbles, kerbs etc.) to reduce the distance the collection crew has to travel to empty the bins. A site visit may be required to determine suitability

3. COMMUNAL PROPERTIES (BLOCKS OF FLATS)

- 3.1. Developers must provide a dedicated, adequate size bin store to hold all of the communal waste and recycling containers required within the property boundary. Developments must offer both household waste and recycling
- 3.2. Green waste and litter from communal areas is considered to be commercial waste so is not accepted.
- 3.3. Waste allowances are calculated using 180 litres of refuse per property and 165 litres per property of recycling. **For example:**
- 3.3.1. A block with 10 properties x 180 litres = 1800 litres (of refuse)
- 3.3.2. A block with 10 properties x 165 litres = 1650 litres (of recycling)
- 3.4. There are a number of container options/ sizes available. Please contact us to discuss the options and solutions to waste storage and presentation.
- 3.5. Bin store rules
- 3.5.1. For purpose-built flats it is necessary to provide an appropriate storage area for refuse and recycling containers. These must be an integral part of any new development, with appropriate design, capacity, layout, access and signage
- 3.5.2. Communal bin storage areas should be clearly identified on plans, and the space allocated to them must be guaranteed for the purposes of waste storage
- 3.5.3. The bin store should be large enough to hold all the required bins, with enough space to manoeuvre them in and out freely (approximate container sizes are provided within this document)
- 3.5.4. All bins must be fully accessible from the front face, to allow for easy depositing of waste. Layouts that require bins to be swapped round mid-week are permissible if it is demonstrated that there will be site management presence at the development

- 3.5.5. There must be a minimum of 150mm clearance around and between each bin within a storage area. Where there is more than one bin within a storage area, there must be 2m clearance in front of each bin to enable it to be accessed and safely moved without needing to move any of the other containers
- 3.5.6. The bin storage areas must be located within a specified maximum distance of a point where the collection vehicle can safely stop for loading. The maximum distances that operatives are required to wheel containers, measured from the furthest point within the storage/collection area to the loading position at the back of the vehicle, is 10m. The stopping point for the vehicle should be safe, legal and designed to minimise any obstruction to traffic, with a flat even surface between the bin store and the vehicle collection point, (n.b; not gravel, cobbles, kerbs etc.) to reduce the distance the collection crew has to travel to empty the bins
- 3.5.7. Consideration should be given to allow the collection vehicle enough room to gain access to the bin store. Dimensions of an average sized refuse collection vehicle are included in this document
- 3.5.8. Slopes should be avoided wherever possible along the pathway linking the bin store to the refuse collection vehicle point, but where needed the gradient should fall away from the bin storage area and should be no greater than 1:12. It is not acceptable for the route between the storage area and the collection vehicle (i.e. in the direction that filled bins will be pulled) to have any uphill gradients
- 3.5.9. Communal bin storage areas must be located within the footprint of the development, and ideally be at ground level. However, if an underground storage solution is planned for standard wheeled bins (such as in a basement car park) then an appropriate collection point for the containers at ground level must be provided and clearly shown on the plans
- 3.5.10. In locations where it is not practicable for architects to provide full access to the bin storage areas for refuse collection vehicles, or bins are to be located in underground car parks, a separate designated collection point must be provided. It is the responsibility of the site managers to move the waste containers to the designated collection point by 6am on the scheduled day, and then to return the containers to their storage areas after emptying. Sufficient provision should be made to ensure that all health and safety requirements are met for on-site staff to move the bins
- 3.5.11. The space in the collection point must be sufficient to enable operatives to return emptied bins to a position that does not obstruct the manoeuvring of those containers that are yet to be emptied. A simple example of how this might be achieved is given in the diagram below:



- 3.5.12. The location of communal bin storage areas should have regard to the impact of noise and smell on the occupants of neighbouring properties, both existing and proposed
- 3.5.13. Bin storage areas should be contained within a suitable enclosure to prevent nuisance from the spread of waste, odour or noise and must be suitably designed to prevent entry by vermin.
- 3.5.14. City of York Council will not hold any physical keys to bin stores. Push button access pads and key codes may be used but please discuss this with us first

- 3.5.15. Particular design consideration is needed for residential properties which are combined with commercial units, for example flats above shops or commercial units on the lower floors of residential blocks. Suitable rubbish & recycling storage areas are needed to ensure segregation of household waste from commercial waste
- 3.5.16. All doors, alleys and paths must be at least 2m wide to allow for safe manoeuvring of bins. There should be no other fixtures or fittings that reduce the 2m width. The minimum internal height for a bin storage area and any access doorways is 2m. There should be no other internal fixtures or fittings that reduce the clearance above the bins, so that their lids can be opened fully
- 3.5.17. Bin store doors should be able to remain or be secured in the open position so that access for collection staff is unimpeded when the bins are being emptied
- 3.5.18. The walls and doors should be able to withstand impacts from fully-loaded 1100 litre bins. Where necessary, the installation of a suitable buffer can prevent contact between the bins and the inside faces of the walls and doors
- 3.5.19. It will be the responsibility of the site managers to arrange for bins to be cleaned regularly. It is recommended that space is allocated on-site for the storage of at least one empty container, to allow cleansing of bins to be undertaken on a rotation basis without reducing the availability of refuse and recycling storage capacity
- 3.5.20. It will be the responsibility of site managers to adequately cleanse waste storage and collection areas, including the floor, internal walls, bins and lighting fixtures
- 3.5.21. Developers and site managers must make sufficient provision to prevent other vehicles parking in the collection area, or in a position that would impede access for collection operatives

4. VEHICLE ACCESS

- 4.1. Vehicles used to collect waste and recycling will be amongst the largest and heaviest needing to access any development
- 4.2. Architects and developers are required to enable access to bin storage or presentation areas via standard road layouts and without the need for complicated manoeuvring or reversing
- 4.3. The council will only collect waste via roads adopted by City of York Council on new developments. City of York Council will not collect waste via unadopted highways on new developments**
- 4.4. In order to ensure that all refuse and recycling collections can take place unobstructed and without risk of any damage to other vehicles, paving or other fabrics on sites, developers must ensure that access roads and driveways meet the following requirements.
- 4.4.1. Roadway Strength
- 4.4.1.1. Roads should have foundations & hard wearing surface capable of withstanding 32 tonnes. Ironworks should also be able to withstand loads indicated.
- 4.4.2. Roadway Layout
- 4.4.2.1. Road layouts must allow refuse & recycling vehicles to move easily throughout the development, without obstruction being caused by narrow streets or vehicles parked on the road once properties are occupied. Developers should ensure that sufficient car parking is provided in order to prevent such problems

- 4.4.2.2. If a turning space is required the road layout should permit a turning circle of 18.13m kerb to kerb, or 20.68m wall to wall
- 4.4.2.3. Roads should have a minimum width of 5m. Pinch points, such as archways or gates, should give a minimum clearance of 3.7m width, and additional allowances must be given if vehicles are required to approach from an angle
- 4.4.3. Manoeuvring
 - 4.4.3.1. Waste collection vehicles should not be required to reverse more than 12m, & then only in exceptional circumstances. Reversing causes a disproportionately large number of vehicle accidents in the waste / recycling industry
 - 4.4.3.2. If pedestrians also use access routes where waste collection vehicles will be required to reverse, an additional raised footpath is recommended
 - 4.4.3.3. Waste collection vehicles should never be required to reverse up or down a slope / ramp
 - 4.4.3.4. Developers should design road layouts so that waste collection vehicles are not required to reverse in from or out to the public highway
 - 4.4.3.5. Vehicles undertaking collections should be able to stop for loading in a safe and legal position where they will not obstruct other traffic, pedestrians or access

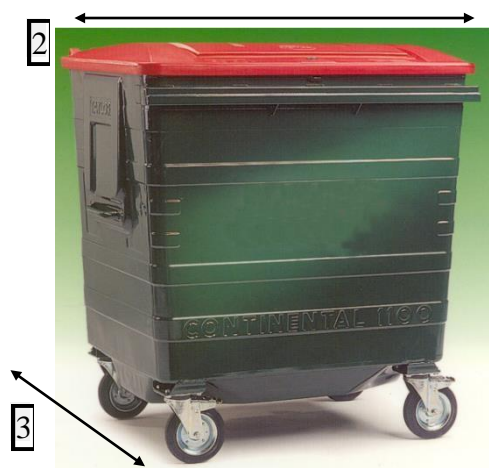
5 CONTAINER DIMENSIONS

Bin Capacity (litres)	Width (2) (mm)	Height (1) (mm) (Lid closed)	Depth (3) (mm)
180	480	1070	730
240	580	1070	730
360	620	1100	860
660	1360	1170	770
1100	1200	1360	915

240 & 360 Style Container

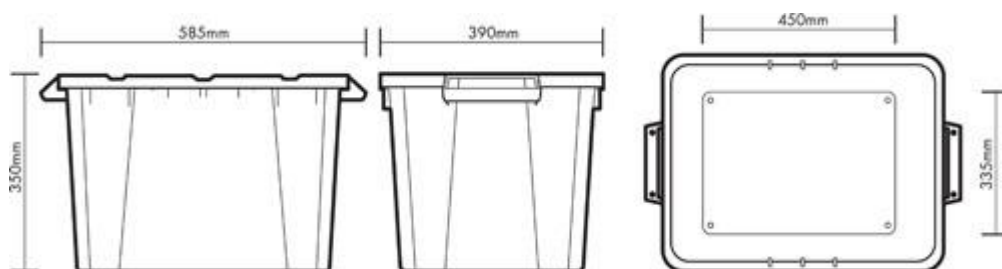


1100 & 660 Style container



Kerbside Recycling Ergo Box Dimensions

Width	585mm
Depth	390mm
Height	350mm



6 REFUSE COLLECTION VEHICLE DIMENSIONS

Dimensions	Refuse Vehicle	Recycling Vehicle
Height	3.50m	7.00m (Roof-opening)
Width (inc mirrors etc)	2.65m	2.65m
Length	10.13m	10.13m
Vehicle Weight (GVW)	Up to 26 tonnes	Up to 26 tonnes
Turning Circle kerb to kerb	18.13m	18.13m
Turning Circle wall to wall	20.68m	20.68m
Location of work area	Rear	Side / Rear

7 CONTAINER COSTS

Containers for both the Refuse and Kerbside Recycling Collections should be purchased by the developer. Containers supplied by CYC have undergone quality acceptance and vehicle lifting equipment testing, rendering them fit-for-purpose.

Containers, all plastic construction	Price (incl. delivery)
Set of 3 recycling boxes and lids	£29.00
180 litre Grey (Household) wheeled bin	£46.00
180 litres Green (Garden) wheeled bin	£46.00
240 litre (Household/Recycling) Wheeled bin	£51.00
360* litre (Household/Recycling) wheeled bin	£73.00
660* litre (Household/Recycling) wheeled bin	£295.00
1100* litre (Household/Recycling) wheeled bin	£350.00

**360/ 660 / 1100 Litre bins are only supplied after site visit / City of York Council confirmation of suitability. Prices correct as of June 2021, but subject to change. Please request current price list before placing orders*
IMPORTANT: Delivery costs are included per container type on the understanding that the whole order is delivered in one load. Site call-off arrangements will incur additional delivery charges of £55.00+VAT per delivery and must be organised at the time of ordering/invoicing.

8. NEXT STEPS

- 8.1. Please contact the team as early in the process as possible to ensure both the needs of your residents and our collection service are met.
- 8.2. Make sure you contact us at least two months before you need the bins to be delivered as we may need to order them in for you.
- 8.3. Once we have determined the suitable amount and size of containers for your site, we will provide you with a quotation to supply the bins. Once the invoice has been paid by you, we will arrange for the delivery of your containers to site.
- 8.4. A small charge for delivery is included in the container cost but is based on bulk delivery, not individual or site call off. Additional charges will be incurred for site call-off arrangements, which must be pre-arranged at the time of placing an order.
- 8.5. All containers will be delivered to your site for you to store and use as needed. We are unable to store containers once they are paid for.