Guidelines for Municipal Waste Collection Service



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1. Introduction

The following document outlines the minimum design criteria for multi-residential developments and new developments to receive municipal waste collection services.

The City of Oshawa's Community and Environmental Services Branch, which includes Waste Collection Operations, is responsible for ensuring safe and efficient municipal waste collection services. This includes providing comments and input into development

Key Objectives

Provide waste collection services which:

- are safe to the public and to collection staff;
- support operational efficiencies;
- provide effective service levels; and,
- increase waste diversion. efforts.

and redevelopment applications under the Site Plan Application process through Planning Services and approving of sites for municipal waste collection services.

The approval of municipal waste collection services is contingent on meeting or exceeding the City's guidelines for collection. This document sets out the City's waste management requirements, which must be satisfied before a site can be considered eligible for municipal waste collection services. This document is to be used in conjunction with, not in place of, all applicable building codes, by-laws, and any processes required by the Planning Act (Development Applications).

The City strongly recommends that all sites be

designed to consider residential waste needs and are designed and built to ensure that the requirements for municipal waste collection services are met. Developments that are not subject to the Site Plan Application process, including those requiring access for waste collection on private property or for multi-residential units of 9-10 dwelling units are encouraged to incorporate the design criteria to allow for the provision of municipal waste collection services. Connecting with Community and Environmental Services Branch staff during the design stage would ensure the site is designed to meet collection requirements ahead of construction. Sites that do not meet the City's requirements for municipal waste collection services will not be approved for service and will need to retain private waste collection services at their own expense.

Eligibility

Multi-Residential Waste

Apartment buildings, condominium complex, townhouse complex, co-op or other similar residential complex are eligible for municipal waste collection services pending review and approval. Municipal waste collection service for multi-residential buildings located

on private property and/or where there are more than 8 units must be approved for collection. The typical collection method for is through bulk front-end collection service. Townhouse complexes may be approved for private road/internal road curbside collection where it has been determined to meet the appropriate requirements.

Developments with 8 units or less will be assessed as part of the City's curbside collection program. Program requirements related to multi-residential curbside collection on private and public roadways are found in **Section 3.3**.

Sites applying for and receiving municipal waste collection, regardless of method of collection, are subject to municipal by-laws and relevant provincial legislation, detailed in **Section 1.1**.

Industrial, Commercial and Institutional Waste

The City is not responsible for managing or collecting waste from industrial, commercial or institutional (IC&I) sites. In cases where sites have mixed residential and commercial land use, commercial waste must be managed separately from the residential waste and managed by private waste collection contract. The review of these developments will be similar to entirely residential development, with additional requirements related to commercial waste separation.

1.1 Policy and Legislative Environment

The management of waste is governed by, but not limited to, the following municipal bylaws:

- Waste Collection By-law 90-2024, as amended or replaced;
- Property Standards By-law 1-2002, as amended or replaced;
- Nuisance By-law 65-2009, as amended or replaced;
- Site Plan Control By-law 137-89, as amended or replaced
- Region of Durham Waste Management By-law 2024-009, as amended or replaced.

In addition to municipal by-laws, there are a number of Provincial and Federal policies and regulations that apply to the management of waste, which must be complied with.

Recycling

For recycling collection please refer to the Region of Durham's Regional Waste Management By-law 2024-009, which provides relevant information related to the provision of Regional collection of dual stream recycling. Properties must meet requirements of the City and Region before being considered eligible for municipal waste collection services. City staff work with the Region of Durham's Waste

Management staff throughout the site plan approval and development process. Recycling specific design guidelines can be found in the Regional Waste Management By-law 2024-009, as amended.

<u>O.Reg. 391/21</u> under the Resource Recovery and Circular Economy Act will transition responsibility of the Blue Box program from the Region of Durham to product producers in 2024. Please contact the <u>Resource Productivity and Recovery Authority</u> (R.P.R.A.) for more information.

2. Review and Approval Process for New Developments

Site design for all new developments should consider waste management requirements including garbage and recycling. To qualify for municipal waste collection services, new developments that meet the City's eligibility criteria must adhere to the requirements outlined in this document. Developments that meet the City's eligibility requirements, must provide the required access and facilities which allow for municipal collection of waste material. For information related to existing sites, please see **Section 4.0**.

The City reserves the right to determine the requirements for waste management and the type and frequency of collection. Where these requirements are not met, the City reserves the right to deny or cancel municipal waste collection services in which case the property owner will be responsible for retaining a private waste collection contractor and managing the waste at their own expense.

The City strongly recommends that the site be designed and built to ensure the requirements outlined in this document are met as to avoid the additional financial burden on current and future property owners. There is no applicable property tax reduction attributed to sites where developers or property owners choose not to meet requirements for municipal waste collection.

Where developers or property owners decide not to meet City requirements for municipal waste collection service, they are required to disclose in writing with this acknowledgment to Planning Services and Operation Services. This letter is to be retained and included with the development or Site Plan Agreement (if applicable), and other legal documentation related to the site. For sites under Site Plan control, this information will be included under the 'Waste Collection' section of the approved Site Plan Agreement and is to be included with materials related to the sale of a property or unit and notice shall be given to all future owners of the need to provide and maintain private collection services. The developer, property owner/manager or agent of the development must disclose in writing and as part of the negotiations for purchase, to a prospective buyer of a unit within a new development, the type of waste collection

service and requirements of the prospective owner/tenant regarding storage and collection.

Please refer to the appropriate section within this document when preparing your development application submission to ensure it contains sufficient details to permit the Community and Environmental Services Branch to review the submission. If final approval is received, the City will formally advise the applicant of the schedule and level of service for waste collection and provide the applicant with the Application and Indemnity Agreement for City Administered Waste Collection (Appendix B) to complete.

Waste Management Plans

Development applications for residential developments located on private property such as condominium townhouses, apartments and multi-residential developments exceeding 8 units must submit a Waste Management Plan detailing how the applicable City waste requirements will be met.

The Waste Management Plan must provide sufficient detail and information to allow City staff to review the submission's compliance with the requirements for municipal waste collection. The Plan also provides sufficient details to inform how waste will be managed onsite to ensure continued compliance, including how large items such as furniture will be managed.

Final determination of eligibility will be determined upon final site inspection, which will include a test run with the appropriate collection vehicle to ensure compliance. The Waste Management Plan shall include separate scaled drawings and must show and label, but not limited to, the following:

General Information

- Type of development / building including number of dwelling units and number of storeys in the development;
- Proposed waste handling approach/system for recyclables and garbage, and,
- Size/volume and number of garbage bins and recycling totes/bins.

Access Requirements:

 Site plan with Auto Turn layout indicating truck movements and path of travel demonstrating the ability of the waste collection vehicle (SU9/medium size 3 axel truck) to enter and exit the site in a forward motion, collection vehicles must not make more than a 3-point turn of no less than one truck length through the use of a T-turnaround or a suitable cul-de-sac;

- Details of the collection route such as width from curb to curb, the radius of every turn, vertical clearance and grade, and location of any adjacent parking spaces;
- Where a collection vehicle is required to travel onto or over a supporting structure, such as underground parking, confirmation that the structure can support the weight of a fully loaded collection vehicle shall be provided.

Waste Storage:

- Description of waste separation method and systems such as details on chute systems and waste drop-off rooms, this includes the separation of commercial waste from residential waste for mixed use buildings/sites;
- Details of all internal storage rooms and external storage buildings including plans, elevations, and details showing location and height of external waste storage buildings;
- The number of residential units that will be serviced by each storage area;
- The type, number and size of all waste bins/containers including front-end bins for garbage and cardboard as well as recycling totes for paper and containers; and,
- The placement and footprint of each bin along with appropriate access and walkways ensuring accessibility.

Waste Collection Area:

- Dimensions and grade of the staging and loading area with requisite concrete pad;
- Location and placement of applicable signage such as no parking signs, road markings, bollards, rolled curbs and parking spaces.

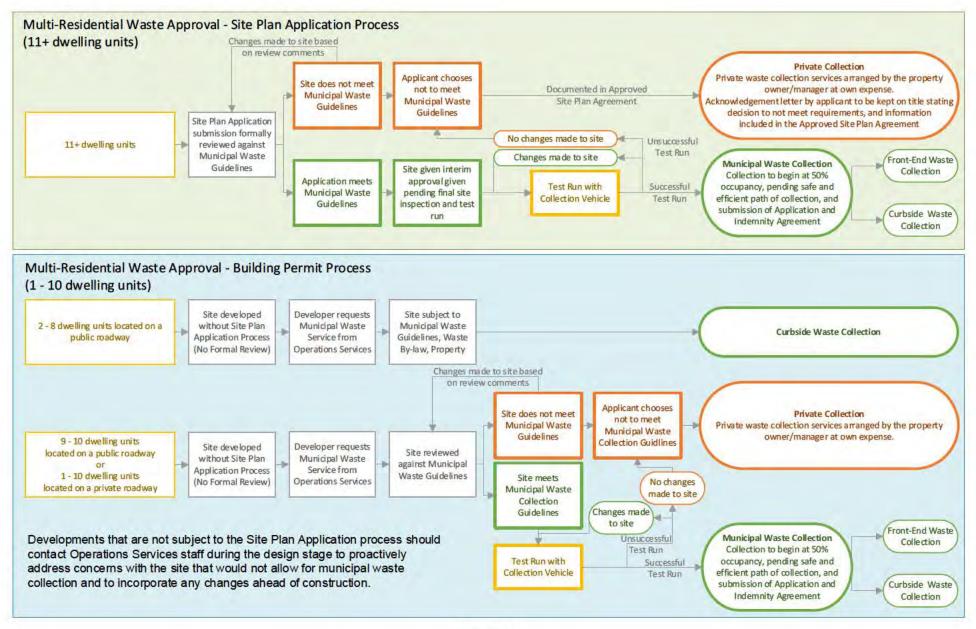


FIGURE 1

3. Multi-Residential Waste Collection Design Guidelines

Multi-residential developments with more than 8 units must be designed to accommodate on-site waste collection services which requires both City staff and private contractors under contract to the City and/or Region (or Producer Responsible Organizations (PROs) for the collection of recycling under <u>O.Reg. 391/21</u>) to access onto private property. Garbage collection is done through front-end (bulk) collection services. Curbside collection will not be approved except for eligible townhouse complexes meeting certain design criteria outlined in <u>Section 3.3</u>.

3.1 General Requirements for Multi-Residential Developments

The City reserves the right to apply site-specific requirements during a detailed review of a development/redevelopment application, including but not limited to, rolled curbs, hard-surfaced aprons, the method and location of collection, path of travel and collection area requirements.

General Waste Collection Requirements

Туре	Description	
Path of Travel	 Safe and efficient path with minimal reversing movements other than those required to collect material. Collection vehicles must be able to enter, collect, and exit the site in a forward motion 	
	 The use of a T-turnaround area allowing for a three point turn of no less than one truck length or a suitable cul-de-sac. It is assumed that all parking spaces are occupied at time of collection. (Figure 3 and Figure 4) 	
Road Material	The path of travel must be structurally adequate so as to prevent damage by the collection vehicle - refer to City Engineering Standards	
Road Width	Minimum internal road with of 6.50m	
Turning Radius	Minimum centerline radii of 13.00m (Figure 2)	
Height Clearance	 Minimum height clearance of 4.25m for site access 7.00m clearance required for front-end collection area 	
No Obstructions	Path of travel free of obstructions including but not limited to parking spaces/parked vehicles, snow storage, loading areas, etc.	
Collection Type	Entire site must receive the same type of collection	

Туре	Description
Structural Support	 If the collection vehicle is required to traverse onto or over an underground site feature (underground parking structure, utility grate, etc.), the applicant must demonstrate structural integrity to support a fully loaded collection vehicle which must be monitored and maintained to ensure integrity. Fire Services Vehicle: 250KN (~25 347kg) Waste Collection Vehicle: 314KN (~32 000kg)
	The City will require an engineer inspection and letter to confirm structural integrity.

Path of Travel Design Guidelines

Figure 2: Minimum Centerline Turning Radius for Waste Collection Vehicles

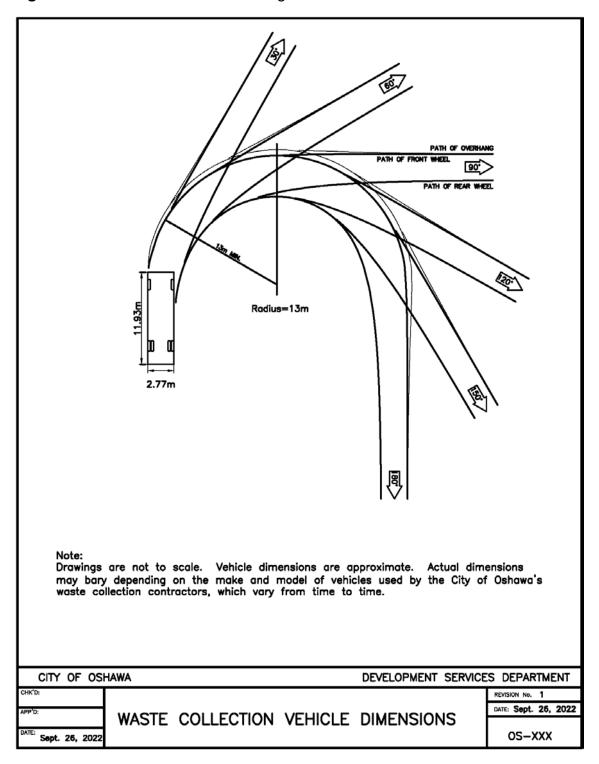


Figure 3: Minimum Cul-de-sac Specifications for Waste Collection Vehicles

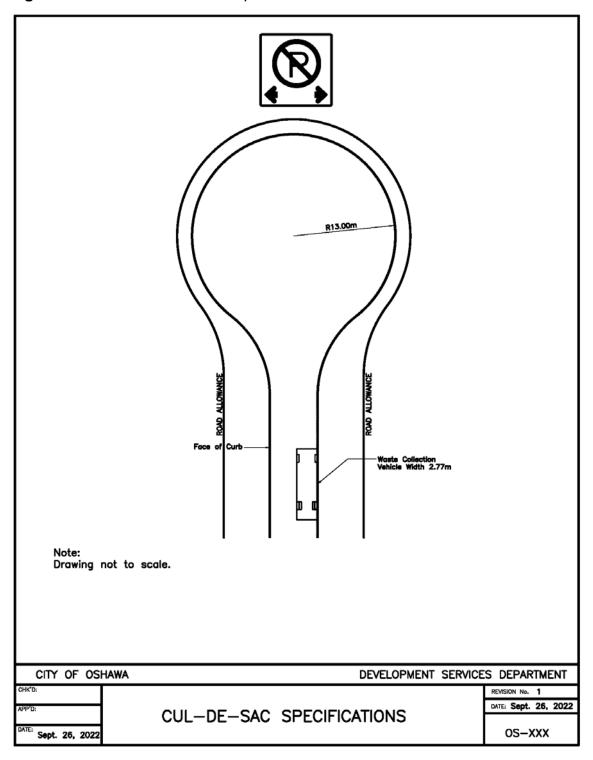
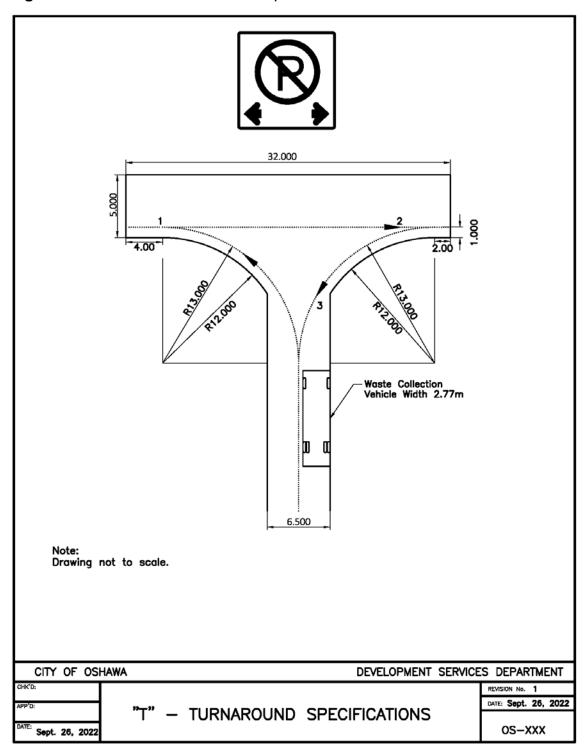


Figure 4: Minimum "T" Turnaround Specification for Waste Collection Vehicles



3.2 Front-end Waste Collection Design Guidelines

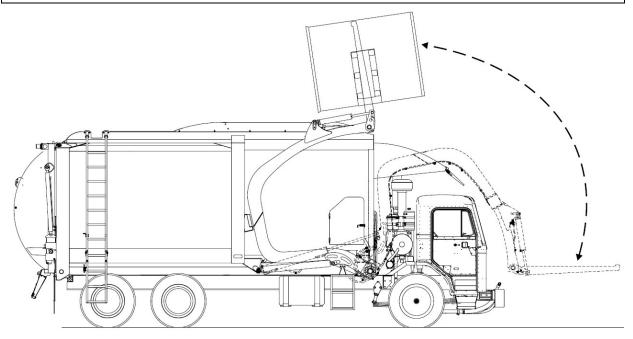
Multi-residential developments must meet front-end specific requirements as detailed below in addition to the General Requirements in <u>Section 3.1</u>. The City reserves the right to increase or decrease the number and size of waste containers, which would in turn effect the size of the collection area and the type, number and size of internal waste storage facilities.

Front-end Collection Vehicle Dimensions

The site must accommodate a typical front-end waste and rear loading collection vehicle with the following dimensions:

Figure 5: Typical Front-end Collection Vehicle (Garbage)

Length	Width	Height
10.00m (12.36m during collection)	2.77m	4.30m (6.90m during collection)
Weight = 17 000kg (empty) to 32 000kg (full) - Potential to exert 314KN of force		



Drawing from City of Richmond

Waste Storage Facilities

The management and storage of waste must consider the number of units, accessibility and provide the most convenient option for residents. A fully enclosed storage area, either internal or external to the building, of sufficient size is required to accommodate the front-end garbage bins and recycling totes. The enclosure should allow for easy movement of the bins and totes for collection and a walkway around the bins.. In

addition to the storage of regular garbage and recycling, there should be dedicated space for the storage of larger items such as furniture which is collected separately from the front-end bins. For both internal and external storage facilities, waste must be moved to an acceptable external collection point, detailed below in the Collection Area section. Details regarding the management and movement of bins and totes must be included in the site <u>Waste Management Plan</u>.

Internal Waste Storage Facility Requirements

Туре	Description
Location / Design	 Must comply with the applicable provisions of the Zoning By- Law 60-94 as amended, in addition to the Ontario Building Code and the Ontario Fire Code
	 For sites/developments subject to Site Plan Control, the location may be subject to good urban design principles
Room Size	 Able to accommodate the following required elements with adequate room for all residents to dispose of waste.
	- Garbage Bins
	- Recycling Totes / Bins (Durham Region)
	 Large Item Storage (12 items between scheduled collections)
	- Additional diversion materials (Durham Region)
Overhead Door	 Overhead door of adequate size shall be used to allow the movement of the bins and totes from the waste room to the designated external point of collection.
Room/Door Height	- Heights determined by size of required bins with castors

External Waste Storage Facility Requirements

Туре	Description	
Location / Design	 Must comply with the applicable provisions of the Zoning By- Law 60-94 as amended, in addition to the Ontario Building Code and the Ontario Fire Code; 	
	 Refer to Zoning By-Law 60-94 as amended, for information on height, setbacks and the location of waste storage accessory buildings. 	
	 For sites/developments subject to Site Plan Control, the location may be subject to good urban design principles 	
Structure	 Must be accommodated in a fully enclosed building (with a roof) designed to complement the architecture of the development 	

Туре	Description
Footprint	- Adequate room for all residents to dispose of waste.
	- Front-end Garbage Bins (<u>Table 1</u> , <u>Table 2</u> and <u>Table 3</u>)
	- Recycling Totes / Bins (Durham Region)
	- Large Item Storage
Overhead Door	 Overhead door of adequate size shall be used to allow the movement of the bins (with castors) and totes from the waste room to the designated external point of collection.

In-Ground Waste Storage and Collection

In-ground front-end container options, which can provide storage capacity with a relatively compact footprint, may be suitable for certain applications, however the containers must be designed for a standard front-end collection vehicle and not require specialized collection equipment. Development applications proposing in-ground front-end containers are reviewed against typical front-end guidelines and still require fully enclosed waste storage buildings for recycling totes, bulky items between scheduled collection.

Front-end Bins

Determining the size and number of front-end collection bins is based on the number of dwelling units and whether the waste is compacted or uncompacted. The following tables are recommendations based on industry best practices and municipal comparators. The size and number of bins determines the sizing and orientation of waste storage facilities as well as the collection area. Through the review process size and number of bins are subject to change, but the cubic yard (yd³) per dwelling unit ratios detailed must be observed within reason.

Uncompacted Waste

Uncompacted waste, secure in standard sized garbage bags, is disposed of in front-end bin in an internal or external waste storage facility by residents. Uncompacted waste generally requires larger bins and/or more bins, thus needing a larger footprint in the storage facility. For uncompacted waste, please use the ratio of 0.10 yd 3 - 0.16 yd 3 per dwelling unit or 1.00 yd 3 - 1.60 yd 3 per 10 units to determine optimal bin size and quantity. The chart offers recommendations and collection frequency associated with sample dwelling units.

Table 1: Uncompacted Garbage Bins Size and Quantity based on Dwelling Units

Number of Dwelling Units	Recommended Bin Size (cubic yard)	Recommended Number of Front-end Bins	Collection Frequency	Compactor Recommended
9 - 20	4 yd ³	1	Once / Week	No
21 - 50	4 yd ³	2	Twice / Week	No
51 - 100	6 yd ³	2	Twice / Week	Consider
101+	6 yd ³ or 8 yd ³	3+	Twice / Week	Yes

Compacted Waste

Compacted waste is recommended for larger or high-density developments and are generally associated with waste chutes as a central deposal point for residents. Waste compactors are designed to frequently compact waste before transport, allowing for less room to be used up than the traditional front-end bin. For compacted waste, please use the ratio of 0.06 yd³ per dwelling unit or 3 yd³ per 50 units. The chart offers recommendations and collection frequency associated with sample dwelling units. The frequency of collection is twice weekly.

Table 2: Compacted Garbage Bins Size and Quantity based on Dwelling Units

Number of Dwelling Units	Recommended Bin Size (cubic yard)	Recommended Number of Front-end Bins	Collection Frequency
9 - 50	3 yd³	1 (+1 spare)	Twice / Week
51 - 100	3 yd ³	2 (+1 spare)	Twice / Week
101- 150	3 yd ³	3 (+1 spare)	Twice / Week
151-200	3 yd³	4 (+1 spare)	Twice / Week

Spare bins will remain on the compactor while the other bins are staged for collection.

Front-end Bin Size

The following table summarizes estimated dimensions that should be considered when designing storage and collection areas for front-end waste bins. The actual size may vary depending on the supplier. Property owners are responsible for supplying and maintaining all front-end garbage bins. Front-end bins have protruding side brackets to facilitate lifting by collection arms – this has been accounted for in the recommended footprint.

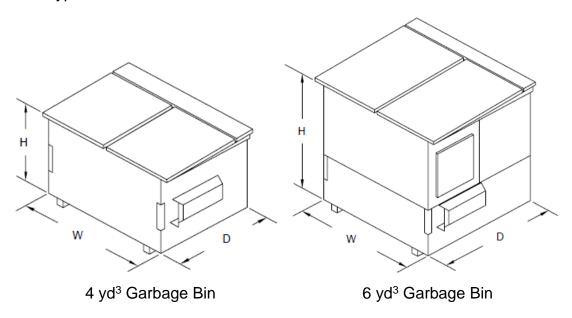
Table 3: Typical Front-end Bin Dimensions

Capacity	Width	Depth	Height*	Recommended Footprint
3 yd³	1.82 m (6.00 ft)	1.03 m (4.50 ft)	1.21 m (4.00 ft)	2.00 m x 1.40 m (6.50 ft x 4.50 ft)
4 yd³	1.82 m (6.00 ft)	1.37 m (4.50 ft)	1.22 m (4.00 ft)	2.00 m x 1.70 m (6.50 ft x 5.50 ft)
6 yd³	1.82 m (6.00 ft)	1.82 m (6.00 ft)	1.60 m (6.00 ft)	2.00 m x 2.10 m (6.50 ft x 7.00 ft)
8 yd ³	1.82 m (6.00 ft)	2.10 m (7.00 ft)	1.82 m (6.00 ft)	2.00 m x 2.40 m (6.50 ft x 8.00 ft)

^{*} Front-end bins with castors (wheels) will increase the height noted by approximately 0.2 m (8 in).

(Bin features and dimensions may vary slightly depending on model and manufacturer All sizes should be confirmed with the supplier.)

Figure 6: Typical Front-end Bin Sizes



Collection Area

Туре	Description		
Approach Path	- Collection vehicle must have a straight approach of 15.24m		
Height Clearance	- Collection area must have a minimum height clearance of 7.00m		
Collection Pad	- Collection area to have a concrete pad to support the front axle of the collection vehicle during collection of the bin		
	 Pad must extend a minimum of 1.50m beyond where the bins are staged for collection 		
Overhead Door	 Overhead door of adequate size shall be used to allow the movement of the bins (with castors) and totes from the waste room to the designated external point of collection. 		
Collection Area Features	 Site features to protect the bin and site before, during and after collection. Features can include but are not limited to roll barriers, curbs and/or bollards surrounding the collection area 'No Parking' signs to keep area clear at all times 		
Collection Area - Sufficient space to allow bins to be collected without the to jockey the bins to collect the other bins			
Operations Plan	- Equipment or a process has been identified and considered to assist moving waste containers from storage areas to collection areas.		

3.3 Curbside Waste Collection Design Guidelines

The City may approve curbside collection in accordance with the City's residential waste collection program for eligible properties. This section provides design requirements for

- Townhouse complexes on private roadways
- Multi-unit/low-rise buildings with 8 or less dwelling units on public roadways

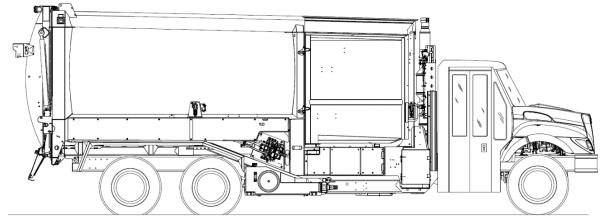
These locations must provide suitable designated space at the curb for waste set out. Waste is not to be placed on roadways or obstruct walkways. Property owners, managers and condominium boards are responsible for ensuring all residents and tenants are provided with the tools and resources needed for managing waste and recycling. Developments must meet Curbside Collection specific requirements as detailed below in addition to the General Requirements in **Section 3.1**.

Curbside Collection Vehicle Dimensions

The site must accommodate a side loading and rear loading collection vehicle with the following dimensions:

Figure 7: Typical Split Side Loader Collection Vehicle (Garbage, Green Bin)

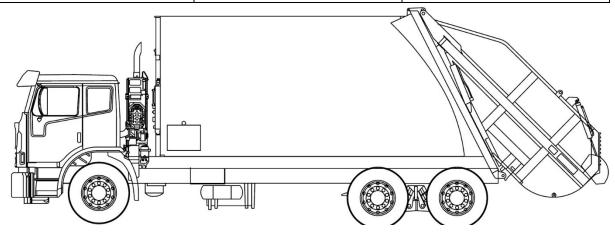
Length	Width	Height
10.80m	2.80m	3.70m



Drawing from City of Richmond

Figure 8: Typical Rear Loader Collection Vehicle (Garbage, Large Items, Yard Waste)

Length	Width	Height
11.90m	3.90m	3.70m



Drawing from City of Edmonton

Waste Storage

Provide suitable internal storage in each unit as well as an area for storing waste material between collections. The storage area must be large enough to store a minimum 4 garbage bags, 1 green bin, 2 blue boxes per unit between collection days and permit movement of the containers.

Curbside Collection on Public Roadways

Туре	Description
Collection Point	- Townhouse - Individual dwelling units have an identifiable area adjacent to the street curb for placement of waste, sized 2m wide by 1m deep
	 Low-rise apartments – sufficient space at the curb to neatly accommodate waste for all units (2m wide by 1m deep for each unit)

Private Roadway Townhouse Complexes

To be eligible for curbside collection the collection vehicle must be able to access the frontage of each unit directly. The design and site layout must ensure the following:

Туре	Description				
Path of Travel	- Safe and efficient path with minimal movements other than those required to collect material.				
	The internal road layout should be designed to permit continuous collection without reversing.				
	- Collection vehicles must be able to enter, collect, and exit the site in a forward motion				
	- The use of a T-turnaround area allowing for a three- point turn of no less than one truck length or a suitable cul-de-sac. (link figure)				
	It is assumed that all parking spaces are occupied at time of collection.				
Road Material	The path of travel must be structurally adequate so as to prevent damage by the collection vehicle				
	Refer to City Engineering Standards				
Road Width	- Minimum internal road with of 6.50m				
Turning Radius	- Minimum centerline radii of 13.00m				
Height Clearance	- Minimum height clearance of 4.25m				

Type Description					
No Obstructions	 Path of travel free of obstructions including but not limited to parking spaces/parked vehicles, snow storage, loading areas, etc. 				
	 T-turnarounds or cul-de-sacs must also be free of obstructions. 				
	 Suitable snow storage must be considered so as not to limit road widths or set out space at the curb. 				
Collection Type	- Entire site must receive the same type of collection				

3.4 Inspection and Final Approval

If a proposed development meets the above requirements during the review process, approval in principle may be granted for municipal waste collection service (in partnership with the Region of Durham). Final approval is subject to a satisfactory final site inspection along with a test run using a collection vehicle.

Upon completion of construction, the applicant will arrange for a site inspection and test run with Community and Environmental Services Branch. An inspector will determine whether all requirements as outlined above, or any other conditions outlined in the preliminary approval have been met during construction. If final approval is received, the City will formally advise the applicant of the schedule and level of service for waste collection and provide the applicant with the Application and Indemnity Agreement for City Administered Waste Collection (**Appendix B**) to complete.

For multi-residential developments, service will not commence until there is at least 50 percent occupancy providing that construction and site works do not impede access or result in delays.

4. Existing Developments & Site Redevelopment

No change of use or structural changes to existing internal waste rooms, or other rooms for the purpose of storing waste and recyclable material is permitted without obtaining a building permit, and any other appropriate approvals required by the City of Oshawa.

Occasionally, applications for waste collection are received from property owners who want to make changes to waste management facilities. Where these changes may affect site design the changes must be reviewed against the City's Zoning By-Law or a Site Plan Agreement - the applicant is referred to the applicable Section 4.1 or 4.2 below.

Any changes to an approved site must be reviewed and approved by Community and Environmental Services Branch staff prior to ensure that municipal collections and

services are not negatively impacted. Failure to consult may result in discontinuation of services. Details related to existing municipal waste collection are found in Collection Requirements for City Administered Waste Collection Services on Private Property (**Appendix C**) and Existing & Grandfathered Storage Facilities (**Appendix D**).

All approved changes must meet the Ontario Building Code and Ontario Fire Code. For developments requesting collection of waste by the City on private property, the following procedure shall apply:

- The proponent submits a site plan drawing (preferred scale of 1:200) to Community and Environmental Services Branch, showing the proposed waste management facilities.
- Community and Environmental Services Branch will advise on the need for a new or amending Site Plan Agreement, coordinate the necessary design review, and advise if the proposed facility design meets the conditions for City administered collection of waste.
- The proponent submits an Application and Indemnity Agreement for City
 Administered Waste Collection (<u>Appendix B</u>) to apply for municipal collection
 with a copy of the approved drawing to the Director of Community and
 Environmental Services Branch, Community and Operation Services
 Department.

Note: This application should only be submitted after Planning Services has concluded that no Site Plan Approval or amending Site Plan Approval is required, the appropriate Site Plan Approval or amending Site Plan Approval has been executed with the City, and only if the proposed design meets the conditions for City collection.

 The proponent arranges for an inspection by Community and Environmental Services Branch staff of the completed facility to confirm that it meets the approved plan.

4.1 Properties without Site Plan Agreements

Should the proposed changes to the site result in modifications to the existing site design, the owner may be required to submit a site plan drawing for examination by Planning Services, Development Services Department. Contact Planning Services for more information at **planning@oshawa.ca**. Depending on the scale of the proposed changes to the site, a Site Plan Approval application may be required to be submitted to Planning Services.

Depending on the design of the waste management facility and resulting site plan, the applicant may be required to obtain a building permit and approval from Planning

Services. Applicants will be advised through this process whether the proposed plans meet the conditions for City administered collection of waste.

4.2 Properties with a Site Plan Agreement

Should the proposed changes to the site result in modifications to the existing site design and contemplated in the site plan agreement, the owner shall be required to submit a revised site plan drawing to Planning Services, Development Services Department. Planning Services will coordinate circulation of the proposal to other appropriate City departments and external agencies for comment or approval. Depending on the scale of the proposed changes to the site, a Site Plan Approval application may be required to be submitted to Planning Services.

Depending on the design of the waste management facility and resulting site plan, the applicant may be required to obtain an amending Site Plan Agreement, and/or a building permit, and approval from Planning Services. Applicants will be advised during this process whether the proposed plans meet the conditions for municipal waste collection service.

4.3 Existing Developments not receiving Municipal Waste Service

Existing residential developments that do not receive municipal waste service typically have not previously met guidelines in this document for municipal waste services. If the developer of the property chose not to meet the guidelines for municipal waste service, then it is the responsibility of the owner, and all subsequent owners to provide waste services at their own expense through private waste collection services. Please review the property's approved Site Plan Agreement for details, under the Waste Collection section.

Existing residential developments may contact Community and Environmental Services Branch to review the site against municipal waste service guidelines on a case-by-case basis. Developments that have not made adjustments to the site to meet municipal waste service guidelines may not be reviewed.

Appendix A: Guideline Checklist and Waste Management Plan for Municipal Waste Collection on Private Property

Guideline Checklist and Waste Management Plan for Municipal Waste Collection on Private Property

Complete the following document and submit with applicable drawings and detailed waste management plan for municipal waste collection on private property. Where developers or property owners decide not to meet City requirements for municipal waste collection, they are required to submit a letter with this acknowledgment to Planning Services and Operation Services. This will be listed in the legal documentation related to the development and notice shall be given to all future owners of the need to provide and maintain private collection services at their own expense.

Development File Review Details	Date:	Click or tap to enter a da
Development File Review Details	Date:	Click or tap to enter a da

Development File Number	Click or tap here to enter text.	Submission	Click or tap here to enter text.				
Planner	Click or tap here to enter text.						
Drawings Reviewed	Click or tap here to enter text.						

Property Details

Name of Property:	Click or tap here to enter text.						
Address of Property:	Click or tap here to enter text.						
Building Contact Person:	Click or tap here to enter text.						
Phone Number:	Click or tap here to enter text.	Click or tap here to enter text.					

General Site Information

Building Type:	Apartment (8 units or less)		Apartment (9 or more)		1	wnhouse mplex		Other: (Specify)	Click here to enter text.
Site Comp Date	pletion	Click or	tap to enter a	a date					
Site Plan Application Number:		Click or	tap here to e	nter te	ext.	Condom Number		Click or enter te	tap here to xt.
Number of Units:		Click or	tap here to e	nter te	ext.	Number Floors	of	Click or tap here to enter text.	

Waste Management Plan Submission: Front-end Collection

Proposed Waste Management Plan

Number of Garb Bins		or tap to ente	100	Size of Garbage Bins		Choose an ite	em.	
Compacted:			Non-compacted:					
Proposed Waste Storage:				Internal		External		
Description of waste management (e.g. details on chute systems, waste drop-off rooms, separation of commercial waste from residential waste for mixed use buildings, separation of waste, etc.):				Click or tap here to enter text.				
Number of Recycling Totes				Cardboard	Recycling N	lumber/ Size:		
Paper:1	TBD Region			95 Gallon To	ote 🗌	Front-end Bir	1 (>50 DU)	
Containers:	TBD Region			Number: Clic here to ente		Number: Clic to enter text.	k or tap here	
Site Access and	Movement							
Requirements		Yes	No	o Provide rationale for not meeting requirements				
Path of travel lim to forward motio				Click or tap here to enter text.				
Minimum Height Clearance of 4.25m and 6.15m during collection				Click or tap here to enter text.				
Internal road width 6.5m				Click or tap here to enter text.		iter text.		
Minimum Turnin			Click or ta	p here to en	iter text.			

gallon tote for every 7 units when determining quantity.

Note: the City's minimum turning radius is 12.5m however, the Region of Durham requires 13m for the provision of recycling.

¹ Region of Durham is responsible for reviewing and approving recycling collection and recommends 1-95

Requirements	Yes	No	Provide rationale for not meeting requirements
No Obstructions (including but not limited to parking, snow storage, etc.)			Click or tap here to enter text.
Underground Parking Structure: Structurally adequate to support fully loaded collection vehicle (provision of a letter from a certified engineer stating the parkade can withstand the extra pressures experienced during collection activities)			Click or tap here to enter text.
Waste Storage Room / Facility			
Requirements	Yes	No	Provide rationale for not meeting requirements
Sized appropriately to accommodate placement of each bin along with appropriate access and walkways ensuring accessibility.			Click or tap here to enter text.
Area designated for the storage of large items (minimum 12 items storage area) between collections and limits illegal dumping.			Click or tap here to enter text.
Waste Storage Facility: - located 3m from building - overhead door to accommodate movement of bins to collection area - bollards/ curbs to prevent rolling and protect walls			Click or tap here to enter text.
Waste Collection Area			
Requirements	Yes	No	Provide rationale for not meeting requirements
Straight approach of no less than 15.24m			Click or tap here to enter text.
Minimum clear height of 6.8m			Click or tap here to enter text.
Concrete pad extending a minimum of 1.50m beyond bin staging area.			Click or tap here to enter text.

Requirements	Yes	No	Provide rationale for not meeting requirements
Roll barrier/curb/bollards positioned			Click or tap here to enter text.
Sufficient space to allow bins to be collected without the need to jockey the bins to collect the other bins			Click or tap here to enter text.
Equipment or a process has been identified and considered to assist moving waste containers from storage areas to collection areas.			Click or tap here to enter text.

Waste Management Plan Submission: Curbside Collection

Proposed Waste Management Plan

Description of waste managemen	t plan:		Click or tap here to enter text.
Site Access and Movement			
Requirements	Yes	No	Provide rationale for not meeting requirements
Path of travel limits movement to forward motion			Click or tap here to enter text.
Minimum Height Clearance of 4.25m			Click or tap here to enter text.
Internal road width 6.5m			Click or tap here to enter text.
Minimum Turning Radius is 13m			Click or tap here to enter text.
No Obstructions (including but not limited to parking, snow storage, etc.)			
Structurally adequate to support fully loaded collection vehicle (provision of a letter from a certified engineer stating the parkade is able to withstand the extra pressures experienced during collection activities)			Click or tap here to enter text.
Waste Storage			
Requirements	Yes	No	Provide rationale for not meeting requirements
Sufficient internal or external space of sufficient size to store a minimum 4 garbage bags, 1 green bin, 2 blue boxes per unit			Click or tap here to enter text.
Communal area designated for the storage large items (minimum 12 items storage area) that limits illegal dumping			Click or tap here to enter text.

Waste Collection Area

Requirements	Yes	No	Provide rationale for not meeting requirements
Townhouse - Individual dwelling units have an identifiable area frontage adjacent to the street curb for placement of waste sized 2m wide by 1m deep			Click or tap here to enter text.
Low-rise apartments – sufficient space at the curb to neatly accommodate waste for all units (2m wide by 1m deep for each unit)			Click or tap here to enter text.

Appendix B: Application and Indemnity Agreement for City Administered Waste Collection					



Application and Indemnity Agreement for City Administered Waste Collection on Private Property

From	
Development Owner ("Owner")	
Owner's Name	Telephone
Address	Postal Code
Owner's Duly Authorized Agent (ie. Management (Company)
Agents' Name	Telephone
Address	Postal Code
Name of Firm	
Property to Receive Service ("Private Property")	
Property Name	
Address	Postal Code
Superintendent's Name	Unit No. Telephone
Type of Establishment	No. of Dwelling Units
Type of Waste Service	Front End Garbage Bins
☐ Front End Collection ☐ Curbs (☐ Compacted ☐ Non-Compacted)	Size: yd³ Quantity:

The City of Oshawa and its officers, employees, agents and contractors (collectively the "City")

C/O City of Oshawa Operations Services
Consolidated Operations Depot
199 Wentworth Street East, Oshawa, ON L1H 3V6

То

Application to Receive Municipal Service

This application is for City administered collection of waste on private property. A dimensioned site plan drawing showing all requirements for waste collection, in accordance with the Waste Collection By-law 113- 2008, as amended, and the Guidelines and Design Standards for Waste Management Facilities is required. The property will be inspected by the City prior to approval to ensure the waste collection requirements have been satisfied as per By-law 113-2008, as amended.

General Release and Indemnity Agreement ("Agreement")

In consideration of waste collection services by the City on the Private Property of the Owner, the Owner on behalf of all owners, occupants and invitees of the Private Property, and the heirs, executors, administrators, successors and assigns of the owners, occupants and invitees of the Private Property hereby:

- a) permits the City to enter, pass upon, and re-enter (collectively "enter") the Private Property for waste collection purposes;
- b) certifies that the Private Property (including the pavement, driving surface and boulevard) can sustain and accommodate the entry of the Region's waste collection vehicles; and
- agrees not to hold the City responsible for any actions, losses, costs, damages, expenses and/or wear and tear that may result from the City's entry onto the Private Property for waste collection purposes.

Identify your role in regard	ds to this property (check one):				
☐ Owner	☐ Owner's Duly Authorized	Agent			
By signing this Agreement, I represent and warrant that I am authorized to bind the Owner to this Agreement and understand the City is relying upon this warranty. I agree to indemnify and save harmless the City from any and all claims, damages and losses that may arise directly or indirectly from any inaccuracy in this representation and warranty and/or in any way related to the waste collection services.					
Name					
Signature		Date			
Witness Name					
Witness Signature		Date			

Personal information contained on this application is collected pursuant to the *Municipal Freedom of Information and Protection of Privacy Act* and will be used by the City of Oshawa for the purpose of determining eligibility for City administered waste collection on private property. Questions concerning personal information should be directed to City Clerk Services, 905-436-3311.

Appendix C: Collection Requirements for Municipal Waste Collection Services on Private Property					

Collection Requirements: Waste Collection Services on Private Property

Property owners and managers approved to receive municipal waste collection services are required to comply with the City and Region's Waste Collection By-laws as well as the following requirements to ensure safe and efficient waste collection services. Approval for municipal waste collection service is typically done during the Site Plan Approval process. Site Plan Agreements are registered on title, and Site Plan Agreement obligations are referenced in both the Condominium Agreement (also registered on title) and in the Condominium Declaration (also registered on title).

Any changes to the site may require changes to the site plan agreement. Changes to the approved level of service and site access plan will not be permitted without formal City approval.

1.0 Non-Collectible Items

In accordance with Waste Collection By-law 90-2024, as amended or replaced, the following materials are not collected as part of municipal waste collection:

- building materials or debris from construction, demolition, and renovation work, sod, earth, bricks, stones, trees, hedges.
- discarded vehicle parts, and tires.
- explosives, highly combustible materials, hot ashes, or any waste materials capable of starting fires.
- household hazardous waste.

2.0 Maintenance

The owner, building manager, or superintendent is responsible for:

- maintaining the waste storage rooms/buildings and all waste management facilities including all necessary equipment such as bins, compactors, motorized or power-assisted vehicles to move bins, chutes, etc.;
- placing containers out for collection on designated days;
- retrieving empty bins after collection and locking waste room or waste storage building to prevent illegal dumping;
- ensuring that waste room doors are kept in working order;
- ensuring that facilities are kept clean;
- preventing the accumulation of bulky and oversized items (furniture, mattresses, appliances) in or around waste rooms and storage areas
- preventing illegal dumping

 ensuring that, where access route involves travel on or over the deck of an underground parking garage, the structural adequacy of the deck to support a loaded waste collection vehicle (314 kilo-newtons or 32,000 kg)

3.0 Waste Storage Facilities

Maintenance of waste storage facilities is the owner's responsibility to ensure that the bulk containers, waste management facilities and access routes are properly maintained. Access routes and waste rooms are kept free from all obstructions, this includes enforcing parking regulations and ensuring that snow clearing or moving activities do not interfere with waste collection. If bins are not accessible at the time of collection the contractor will not return. Cost associated with disposal of waste outside of the designated collection day(s) is the property owner's responsibility.

Oversized items listed are not permitted in the bulk containers special waste collection services must be arranged as described in **Section 7.0**.

Building management is responsible for having the waste room open and bins accessible for waste collection no later than 7 a.m. on the day of collection, and for closing them after collection. Waste room doors must be able to be secured in an open position during collection. The waste vehicle driver is not required to open the waste room door, or to service sites where doors are closed upon arrival.

The waste room must be kept tidy and locked outside of collection times to discourage illegal dumping.

4.0 Waste Bins

It is the responsibility of the property owner to arrange for the purchase or rental of front-end waste bins at their own cost. The City does not provide bulk containers. Please ensure the bins are kept in good repair.

The number of waste bins and the frequency for collection is determined by the number of dwelling units as specified under the Guidelines for Municipal Waste Collection Services on Private Property. Changes to the number or size of bins must not be made unless authorized by the City. If additional collections are required outside of the approved municipal collection service this must be done at your own expense.

5.0 Recycling

For information related to recycling collection services please contact the Region of Durham.

On June 3, 2021, Ontario filed O.Reg. 391/21 under the Resource Recovery and Circular Economy Act that will make product producers responsible for the Blue Box program including collection. Once transition occurs, The Regional Municipality of Durham will no longer be the service provider for the Blue Box program. The transition

of responsibility of the Blue Box program to product producers in Durham Region is expected to occur in 2024. Please see O.Reg. 391/21 for full details.

6.0 Yard Waste and Christmas Tree Collection

Yard waste and Christmas trees must not be placed in garbage bins. The City offers the collection of yard waste and Christmas trees from some multi-residential properties. Yard waste is collected seasonally according to the residential yard waste collection calendar based on the residential collection map. Christmas tree collection must be scheduled either on-line or by contacting Service Oshawa. Yard waste and Christmas tree collection requirements and the collection map can be found in the Waste Collection Calendar and Information Guide at www.oshawa.ca/waste.

It is the responsibility of the property owner to ensure that yard waste and Christmas trees are placed at the designated collection point on the scheduled day of collection in accordance with City requirements.

Yard waste must be placed in paper yard waste bags or in returnable open top containers. Christmas trees longer than 1.8 metres (6 feet) must be cut in half and plastic bags must be removed from Christmas trees placed out for collection. Visit our website for more information on yard waste and tree collection requirements:

www.oshawa.ca/waste

It is the responsibility of the property owner/manager to make arrangements for the collection of yard waste and Christmas trees for those multi-residential locations not eligible to receive municipal collection, for example apartments.

7.0 Large Item Collection

Large, oversized items such as furniture should not be placed in the front-end bin. The City offers a special call-in collection service for large oversized items. The property owner or manager must arrange for the large item collection by calling Service Oshawa at 905-436-3311 on behalf of the building or complex. The apartment or complex is eligible for one free collection, maximum 12-item limit, per calendar year. Additional collections may be booked for a fee.

At all other times, the owner is responsible for making the necessary arrangements to remove and dispose of bulk items that the City does not collect. Such materials must not be left to accumulate in, or near, waste rooms or at the designated collection point.

Visit our website for more information on the City's large item collection program.

8.0 Site Access

All waste management facilities and access routes to the facilities are to be properly maintained. Not adhering to the requirements or the requirements laid out in the by-laws may result in the suspension of collection services. Waste and recycling containers

must be readily accessible on collection day (i.e., access routes and waste storage facilities are to be free of parked cars and snow). The door of the waste room must be open for the collection vehicle on the day of collection only and must otherwise remain closed.

The City will not be responsible for emptying bins that are not accessible – if a collection truck is required to return there may be a fee.

9.0 Holiday Collection

Please note that the collection of front-end garbage bins will not occur on Christmas Day. When Christmas Day falls on a weekday garbage collection for the remainder of the week following the holiday will occur one day later. Please note that there will be no other changes to the collection schedule for other holidays unless otherwise communicated by the City or its contractor.

Sites that receive municipal waste collection are required to maintain the above requirements to ensure that waste will be collected. Waste facilities and collection bins must be in a state of good repair and safe to collect from, and the path of travel provides a safe and efficient collection method. When conditions are not met, the Community and Environmental Services Branch reserves the right to cease collection until issues have been addressed. If issues are not addressed, the site may be subject to enforcement by Municipal Law Enforcement.

Appendix D: Existing & Grandfathered Storage Facilities

Existing & Grandfathered Storage Facilities

- A waste bulk container must be located at least 3.0 m from a building or its parts, such as overhang, veranda, porch or steps. This provision also applies to containers vertically enclosed by a wall (fence) of masonry or other materials.
- Exemption: A bulk waste container may be located against an exterior masonry or concrete wall provided that there are no windows or other unprotected openings, overhangs, exits, incoming building services, (including natural gas meters), or Fire Department connections within 3.0 m of the container.
- Where permanent external waste enclosures are permitted, they should not be located in any front yard or flanking side yard. Enclosures should be designed depending on the number of bulk waste bins required, space limitations and in accordance with the appropriate design standards found in <u>Guidelines & Design Standards for Waste Management Facilities (2001)</u>. Refer to the Attachments section of this document for details on external enclosure design for sites with existing and grandfathered collection services.
- Gates should be securely mounted on steel bollards or an approved equal. Gates
 must include stoppers, a latch and gate wheels, and should be designed to prevent
 sagging.
- Bollards or a concrete curb should be installed at the rear of the enclosure to protect
 the enclosure wall from damage when containers are picked up or returned to place
 by the collection vehicle.
- Where waste is required to be moved from a storage area to a collection area the
 Waste Management Plan must consider how this will be undertaken given the size
 and weight of the containers. In many cases, a motorized or power-assisted vehicle
 may be necessary to get the container out of the building and to the collection point.
- Collection vehicles require a straight approach to the bins of no less than 15.24 m (50ft) and a minimum clear height of 6.8 m (7 m required for Recycling) must be provided in the area required to lift and unload the waste container.
- The collection area shall include a level concrete pad of sufficient size to accommodate the number of containers to be placed out for collection as well as the front wheels of the collection vehicle during collection and must include a roll barrier to prevent containers from rolling off the pad and curb or bollards behind the bins to protect the structural wall from damage when bins are being put back into place. The pad shall be level with the floor of the storage room.
- The enclosure base shall be a level concrete pad of 150 mm depth.

- The concrete pad must extend a minimum of 1.5m beyond the enclosure to accommodate the front wheels of the collection vehicle during collection
- The pad should be positioned to allow the waste collection vehicle to empty and return the containers without having to manually or mechanically shuffle the containers.
- Minimum distance of 0.9m between bins and internal walls.
- The collection area should allow sufficient space to place empty waste containers back on the Loading Pad as to not interfere with the collection of other waste containers.
- Additional space to store large items which require separate collection (i.e. bulky items such as furniture, mattresses and appliances) will be required when determining the Loading Pad dimension. There is a 12-item limit which must be arranged for by the property owner/manager/condominium board on behalf of the residents. Requirements for large item collection can be found in Collection Requirements: Waste Collection Services on Private Property (Appendix C).

Existing and grandfathered sites that receive municipal waste collection are required to maintain the above-mentioned requirements to ensure that waste will be collected. Waste facilities and collection bins must be in a state of good repair and safe to collect from, and the path of travel provides a safe and efficient collection method. If these conditions are not met, the Community and Environmental Services Branch reserves the right to cease collection until issues have been addressed. If issues are not addressed, the site may be subject to enforcement by Municipal Law Enforcement.