

# Waste Storage Area Requirements Checklist

## Access and Exit

- Adequate turn radius** - turning radius for the front-loading waste collection vehicle is 12.8m (42'). Turning radius for the manual (hand collection) side-loading collection vehicle is 12.2m (40'). Turning radius included on site plan (projected using Auto TURN or similar software if available).
- Adequate roadway width** - to allow unrestricted movement of collection vehicles even with vehicles parked on both sides.
- Adequate bin pad strength** - concrete bin pad of adequate size and strength for each bin storage area.
- Adequate roadway strength** - the area directly in front of the bin storage location should be designed for the extra loading pressures experienced during the collection process (i.e. concrete apron)
- Adequate curbside access (manual collection)** - unrestricted movement required (several feet on each side of parked vehicles) to avoid damaging parked vehicles and/or injury to the waste collector.
- Adequate amount of walking space (manual collection)** - good access to the waste set out location by ensuring adequate amount of walking space for waste collectors.
- Safe and reasonable access** - waste configuration avoids requirement for the collection vehicle to back in excess of 5 to 7 metres (16 to 23 feet), turn while backing, or to back onto a busy roadway.
- Overhead utility wires** - bin location and collection points are situated away from any overhead utility wires to guarantee safety during collection activity.
- Waste storage area above underground parkade** - front-loading collection points located above underground parkades require a letter from a certified engineer stating the parkade is able to withstand the extra pressures experienced during collection activities.

## Waste Storage Area

Is the waste storage area adequate for number of bins/cans/piles of bags required for waste and recycling at the site?

**Bin entitlement formula** = 0.25 cubic yard of refuse per week per unit and 0.125 cubic yard of recycle service per week per unit.

- Smooth grade level surface** - bin locations are at grade level. For bins on casters ground is smooth, level, at grade and ice, snow or mud accumulations have been adequately removed. *\*Bin locations, which do not require movement of the bins to the collection point are preferred.*
- Collection distance (manual collection)** - can stands must be located within 3 metres (10 feet) of the rear property line.
- Max. Bin rollout distance** - rollout distances are not greater than 9.1 metres (30 feet) indoors, 6.1 metres (20 feet) outdoors. (City crews will not move bins distances greater than listed above).
- Adequate space for waste and recycling** - allowance has been made for storage of two bins: one for refuse and one for recyclables.
- Non-interference with truck and safe access** - bin enclosure constructed to avoid interference with the collection vehicle truck and gates provide 30.48cm (1') clearance above the ground. Enclosures should allow safe access for the residents. No gates are preferred.
- Indoor waste bin storage areas** - indoor storage rooms are as close to the exterior of the building as possible, involve a straight run to the exit door, and door(s) are adequately sized to avoid damage. Rub rails should be installed to prevent wall scrapes. Garbage chutes should be equipped with a deflector, to prevent damage to the bins, and a safety flap to allow for closure of the chute while moving the bin or cleaning in the vicinity.
- ###Space to service wheeled bins on private property** - Collection crews will not roll out/collect bins with casters from City lanes due to obstruction issues in winter months caused by snow and ice accumulations.
- Mixed residential and commercial usage** - separate waste enclosures/waste storage areas have been allocated for residential and commercial waste streams. In cases where room is insufficient shared services available at City residential rates.