



September 22, 2023

MEMO TO: Ferdi Toniolo, Senior Planner

COPY TO: Vlad Gaiu, Manager of Energy and Waste

FROM: Elizabeth Stec, Waste Management Coordinator

SUBJECT: 8868 Yonge Street - OPA-23-0006 and ZBLA-23-0010

Please accept these comments in response to the August 11, 2023 circulation for the subject property listed above.

The development must follow the City's Waste Management Design and Collection Standards for Development, located in [Division J of the City's Standards and Specifications Manual](#) and during Site Plan Application, a waste management plan must be submitted to the City that include/indicate the following:

ACCESS ROUTES

To be addressed at time of OPA and ZBLA Applications:

- Continuous forward motion - To maintain safe and efficient waste collection, all access routes must be designed to allow a waste collection vehicle to enter the site, collect the waste and exit the site solely in a forward motion, whenever possible.
- If continuous forward motion is not possible the waste collection vehicles shall not be required to make more than a three-point turn, or to reverse more than two truck lengths (approximately 20 metres).
- Waste collection vehicle swept path drawings must be updated using the rear-packer waste collection vehicle dimensions in the table below. Note: the rear-packer vehicle must be shown reversing into the loading area.

Waste Collection Vehicle Dimensions

Dimension	Front-End	Rear-Packer
Overall Width without mirrors	2.59m	2.56m
Overall Width with mirrors	3.59m	3.56m
Front and Rear Track Width	2.49m	2.49m
Overall Length (Arms Up/No Arms -Travelling)	9.39m	10.71m
Overall Length (Arms Down /Collecting)	11.4m	N/A
Overall Height (Travelling)	4.05m	3.35m
Overall Height (Collecting)	6.33m	N/A

- Access routes, including points of ingress and egress designed for two way traffic have a minimum width of 6m and a minimum inside turning radius of 9m. Please update turning radii off of Westwood Lane.
- Access routes, including roll up door to the loading area are to maintain a minimum vertical clearance of 4.6m. Please include height of roll up door on drawing.
- There are concerns with the truck maneuvering diagrams showing the waste collection vehicle reversing past the entrance/exit of the underground parking garage as the truck driver reversing does not have full visibility behind them.

Can be deferred to Site Plan Application:

- Pavement markings, warning lights, mirrors and proper signage
- Access routes are to have a grade of no more than 5% on private property
- Pavement structure of a private road shall be designed and constructed as per the specifications for "Light Industrial, Commercial, Apartment Residential/Condominium" found in Section C1.5 of the City of Richmond Hill's Standards and Specifications Manual or a City approved alternative
- All supported structures travelled on by waste collection vehicles will be designed to support at least 35,000kgs with a point load of at least 6,000kgs.

RESIDENTIAL BUILDINGS – WASTE STORAGE, SEPARATION AND COLLECTION

To be addressed at time of OPA and ZBLA Applications:

- Three separate chutes are required (garbage, recyclable materials and organic materials)
- Chute room on each floor showing three separate waste chutes using three circle icons. Please also show where the three separate waste chutes terminate to.
- Location and size (in square metres) of the waste storage room: Minimum size of waste storage room to be 111m² and delineated on the ground floor plan.
- Waste separation method for dwelling units on the ground floor.
- Please include size in m² of the bulky waste room shown on the ground floor plan
- One residential loading space is required with a minimum length of 13m, width of 4m and with a vertical clearance of at least 6.5m. Note: 6.5m is the minimum clearance required for the waste collection vehicle to enter the residential loading space and collect the waste containers. Overhead structures, rollup doors, HVAC, piping, etc. must not interfere with the required clearance above the entirety of the loading space.

Can be deferred to Site Plan Application:

- Each chute room is provided with sufficient space for displaying educational material
- Lock out and washing systems for all waste chutes
- Hose bib and floor drain
- Waste storage room as being climate controlled
- Internal vertical clearance of all waste storage rooms as 2.5m
- All dwelling units are within a 50m walking distance to a waste chute or the waste storage room
- Measures to ensure resident access to garbage compactor is restricted

- Garbage compactor and all waste containers in waste storage rooms including size and stream of waste containers to be shown
- Route of front-end waste containers from the waste storage room to and from the staging pads and loading spaces during collection
- Grade of loading spaces and staging pads to not exceed 2%
- Construction details of loading spaces and staging areas

DRAFT ZBL AMENDMENT

To be addressed at time of ZBLA Application:

- Please update to include loading space requirements. One loading space is required that has a minimum width of 4 metres, minimum length of 13 metres and minimum overhead clearance of at least 6.5m.

Please contact me with any further questions.

Thank you,

Elizabeth Stec

Waste Management Coordinator
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