

March 30, 2021

MEMO TO: Katherine Faria, Acting Senior Planner – Site Plans

COPY TO: Vlad Gaiu, Manager of Energy and Waste

FROM: Bridget Mitchell, Waste Management Coordinator

SUBJECT: 9861 Yonge Street - D01-12011 and D02-12032

Please accept these comments in response to the March 4, 2021 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](#). A Waste Management Plan must be submitted depicting adherence to the Standards and include/indicate the following (as noted below, some provisions must be confirmed during Zoning Bylaw Amendment Application, such as access routes, and others can wait until Site Plan Application, such as internal waste storage for the town homes):

ACCESS ROUTES

Must be confirmed prior to Zoning Bylaw Amendment approval:

- Travel path of the waste collection vehicle throughout the site demonstrating continuous forward motion. Note: 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. In cases where the size of a site does not allow for continuous forward motion throughout the site, it is acceptable to use the *Typical Cul-de-sac* or *Private Road - "T" Turnaround Minimum Standard* design as detailed in Richmond Hill's Standards and Specifications Manual (**the on-site circulation of the waste vehicle turning around on site must be provided, min. track width 2.49m, min. width with mirrors 3.56m, min. overhead clearance in drive isle 4.4m, min. loading space clearance 6.5m**)
- Proper signage
- Pavement markings, warning lights and mirrors
- The waste collection vehicle does not require to make more than a 3-point turn, or reverse more than 16.5m (**also cannot back-up from or onto a local road – must enter forward and exit forward**)
- 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

- Access routes designed for one-way traffic have a minimum width of 4m, a minimum inside turning radius of 15m and a minimum outside turning radius of 14.5m
- Access routes are to maintain a minimum vertical clearance of 4.4m
- Access routes are to have a grade of no more than 5% on private property
- Access route on a driveway ramp to connect with an above or below grade structure shall have a maximum ramp grade of 8%
- 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 - a letter from an engineer is required to verify this requirement has been met.

TOWN HOUSE COMPONENT - INDIVIDUAL CURBSIDE COLLECTION

(for the 5 town house units with garages, fronting on Church Street South)

Must be confirmed during Site Plan Application:

- Each Dwelling Unit to have its own waste storage area in non-habitable space (i.e. garage) of at least 2m² with a minimum width of 0.5m², that does not interfere with the parking space area requirement.
- Each Dwelling Unit to have a waste set out area of at least 2m² with a minimum width of 0.5m². Driveways and boulevards are acceptable locations for waste setout areas however, waste set out locations must not interfere with infrastructure for pedestrians, cyclists or other public services

BUILDING COMPONENT - BULK WASTE STORAGE, SEPARATION AND COLLECTION

Must be confirmed prior to Zoning Bylaw Amendment approval:

- Three separate chutes (garbage, recyclable materials and organic materials)
- Chute rooms on each floor
- Termination of three separate chutes in waste room with waste containers under each chute and a garbage compactor under one chute
- Internal waste storage room(s) with area in m²
- Waste drop-off room adjacent to the storage room
- Size of waste drop-off room in m²
- At least one loading space with minimum length of 13m, width of 4m and with a vertical clearance of at least 6.5m
- Size of the staging pad in m²
- Grade of loading space and staging pad to not exceed 2%

Must be confirmed during Site Plan Application:

- Lock out and washing systems for all waste chutes

- Each chute room is provided with sufficient space for displaying educational material
- All waste containers in waste storage room(s) including size and stream of waste containers
- Measures to ensure resident access to garbage compactor is restricted
- Internal vertical clearance of all waste storage rooms as 2.5m
- Hose bib and floor drain
- Waste storage room as being climate controlled
- Waste separation method for dwelling units on the same floor as the waste room
- All Dwelling Units are within 50m walking distance of a waste storage room or chute room
- Planned movement of front-end containers to and from the staging area and loading space during collection
- Construction details of loading space and staging area

COMMERCIAL COMPONENT - WASTE STORAGE, SEPARATION AND COLLECTION

- Internal waste storage room for all garbage, recycling and any other waste produced on site with internal access from each commercial unit to the commercial waste storage room. Commercial waste storage may not be shared with residential component. Waste is not permitted to be stored outside **(Must be confirmed prior to Zoning Bylaw Amendment approval)**
- That waste collection will occur entirely on private property
- If the development includes restaurants or eating establishments that the waste storage room be climate controlled

Please do not hesitate to contact me for any further questions.

Thank you,
Bridget Mitchell
 Waste Management Coordinator
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