Waste Management Plan

2105 Headon Road, Burlington

1. Overview

This Waste Management Plan has been prepared to support the proposed development of **8 townhouse units**.

Due to site constraints and the limited internal road configuration, **private waste collection services are proposed in lieu of Regional collection**. This approach is appropriate for developments of this scale and avoids the need to overdesign the site to accommodate large municipal collection vehicles.

---

2. Collection Method

Waste collection will be carried out by a **private waste contractor using smaller collection vehicles**, which are capable of safely navigating the internal driveway.

- The collection vehicle will **enter the site from Headon Road** and proceed along the full length of the internal driveway (approximately 90 m) without stopping;
- At the terminus of the driveway, the vehicle will perform a **controlled U-turn maneuver within the available paved area**;
- Following the turning maneuver, the vehicle will **proceed back toward Headon Road while collecting waste from each unit**;
- This approach ensures that all waste collection occurs with the units located on the **passenger side of the vehicle**, improving safety and operational efficiency;
- The vehicle will then **exit the site in a forward direction**, with no reversing onto Headon Road required.

Given the relatively short length of the internal roadway and the use of smaller collection vehicles, this maneuver can be completed safely within the available space, and **no hammerhead or turning bulb is required**.

---

3. Collection Route

The internal road functions as a **straight 90 m driveway**, allowing:

- Direct access to all units
- Efficient stop-and-collect operation
- No reversing onto municipal road
- Minimal maneuvering requirements

Collection will occur directly in front of each unit at the garage frontage, as illustrated in the site plan.

---

4. Waste Storage (Per Unit)

Each dwelling unit will provide internal storage (within garage or equivalent) for:

- 1 garbage container
- 1 organics container
- 2 recycling containers

Each unit will provide a minimum **1 m² storage space** in accordance with best practices.

---

5. Operational Plan

- Residents will place waste containers at the front of their garage on collection day
- Private collection vehicle will service each unit individually
- Containers will be returned by residents following collection

This approach eliminates the need for centralized staging areas.

---

6. Safety and Accessibility

- Smaller private collection vehicles are capable of safely navigating the site
- The internal road width and geometry are sufficient for low-speed operation
- No backing onto Headon Road is required
- Collection is conducted entirely within private property

---

7. Rationale for Private Collection

The proposed private collection system is appropriate due to:

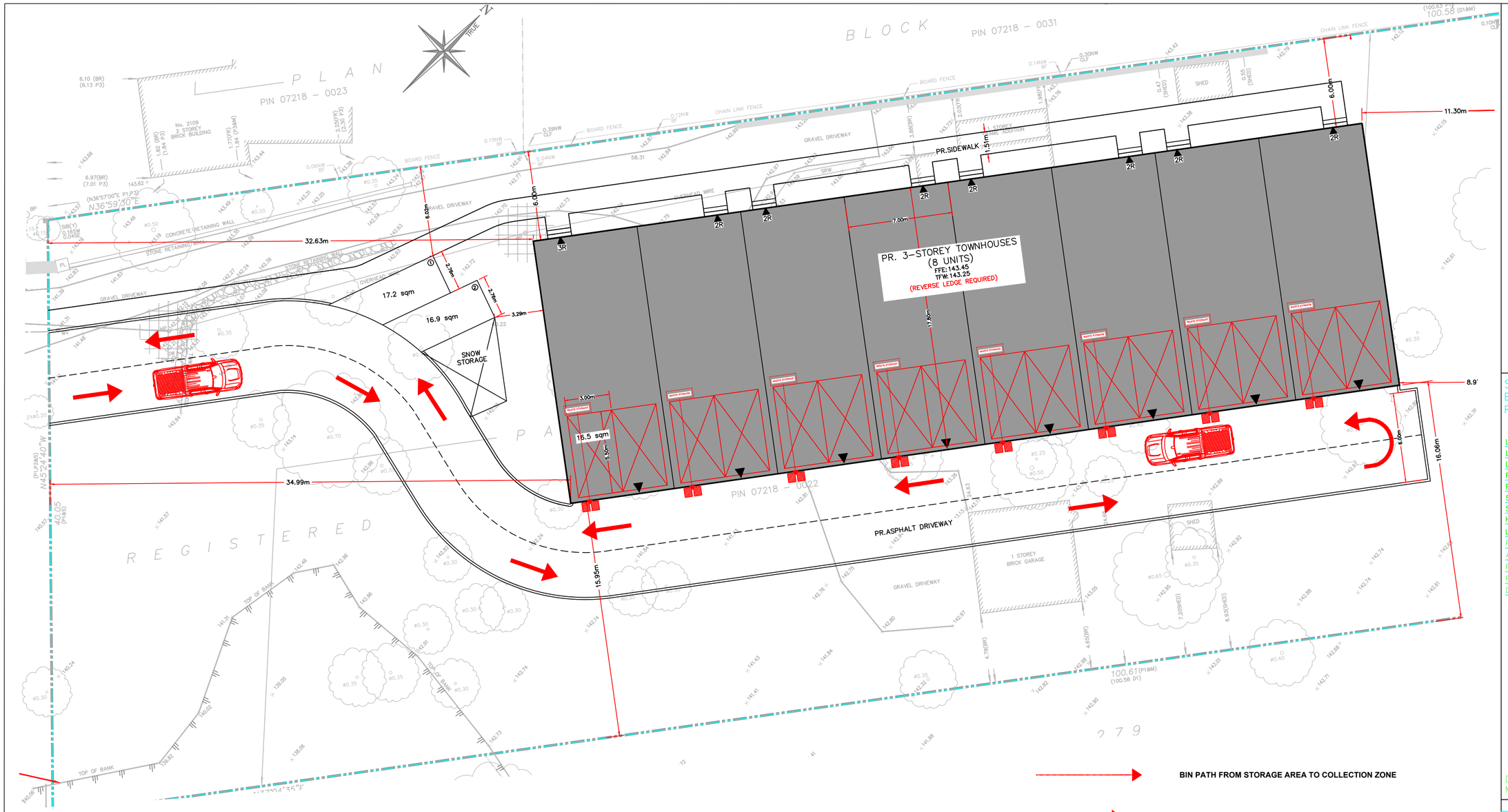
- Limited site frontage and internal road configuration
- Inability to meet Regional turning radius and maneuvering requirements
- Small scale of development (8 units)
- Desire to minimize excessive hardscape and maintain efficient site design

This approach is commonly implemented in townhouse developments of similar scale.

---

8. Conclusion

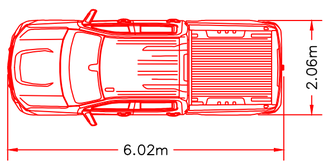
The proposed private waste collection strategy provides a **safe, efficient, and practical solution** for the development while avoiding unnecessary design constraints associated with municipal collection requirements.



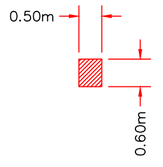
BIN PATH FROM STORAGE AREA TO COLLECTION ZONE

WASTE PICKUP TRUCK PATH

WASTE PICKUP TRUCK DIMENSIONS



120L WASTE BIN



WASTE COLLECTION PLAN

OF

PART OF LOT 17REGISTERED PLAN 242

CITY OF BURLINGTON
REGIONAL MUNICIPALITY
OF HALTON

SITE STATISTICS
EXISTING ZONE: R2.3
PROPOSED ZONE: RM2(_)

	REQUIRED	PROPOSED
Lot Area	0.4 ha	0.4 ha
Lot Width	45 m	40 m*
Lot Depth	N/A	100.6 m
Front Yard	7.5 m	34.3 m
Rear Yard	9 m	10.2 m
Side Yard (N)	4.5 m	6.0 m
Side Yard (S)	4.5 m	21.3 m
Height	2-storey	3-storey
Landscape Buffer (abutting R3)	6 m	0.85 m*
Floor Area Ratio	N/A	0.5
Amenity Area	25 m^2/bedroom	– m^2/bedroom
Privacy Area	20 m^2/unit	– m^2/unit
Parking	2 spaces/unit + 0.25(v)/unit	21
Density	25uph-40uph	23 uph*

* SUBJECT TO SPECIAL PROVISION

DRAWING BASED ON SURVEY COMPLETED BY MMP IN 2020

NO.	REVISION	DATE	INITIAL
3.			
2.			
1.	REVISION	APR 08	RA

JEC PROPERTIES

2105 HEADON ROAD,
BURLINGTON

DRAWN BY	PROJECT NO.
RA	–

DATE	SCALE
APRIL 2026	1: –