

## SOLID WASTE MANAGEMENT PLAN

1463291 ONTARIO INC. - OAKVILLE RAVINE TOWNS

RWDI #2305645

May 25, 2023

### SUBMITTED TO

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## VERSION HISTORY

Index	Date	Description
1	May 25, 2023	Final report



# 1 INTRODUCTION

RWDI AIR Inc. (RWDI) was retained by 1463291 Ontario Inc. (Dunpar) to prepare this Solid Waste Management Plan (Plan) for a proposed development located at 1020, 1024, 1028, 1032, and 1042 Sixth Line Road, in the Town of Oakville (the Development). Dunpar intends to submit applications for Official Plan Amendment (OPA) and Zoning By-law Amendment (ZBA) to the Town of Oakville in support of the Development. Successful completion of the OPA/ZBA approval process requires the preparation of a Solid Waste Management Plan, for submission to Halton Region (Region) and the Town of Oakville (Town), that will provide a clear outline of how solid waste (including source separated organics (SSO), Blue Box (BB) Recyclables, and garbage) will be stored, transferred, and collected from the Development. The Plan, outlined herein, presents a plan for the storage and collection of the generated waste materials.

## 1.1 Summary Description of the Proposed Development

The Development is to consist of a developable area of approximately 1.25 hectares bounded by Sunnycrest Lane to the north, Sixth Line Road to the east, Ministry of Transportation Ontario Land to the south and Sixteen Mile Creek to the west. The subject site currently consists of freehold residences.

The Development is to be constructed in two phases and is to consist of 57 townhouse units on condominium roads, as follows.

- Phase 1 – Six townhouse blocks consisting of 52 units.
- Phase 2 – Two townhouse blocks consisting of 5 units.

The identification and distribution of the residences to be developed is attached as **APPENDIX A** to this report. The balance of the lands will consist of landscaped areas, walkways, buffers, internal streets, and visitor parking areas. Access and egress to the development will be provided from Sixth Line Road, as well as Sunnycrest Lane, with internal roadways providing access to the residential Blocks.

## 1.2 Objectives of the Solid Waste Management Plan

The objectives of the Solid Waste Management Plan are as follows:

- To outline storage and collection areas for solid waste generated within each townhouse unit.
- To develop an internal collection plan for the BB recyclables, organics, and garbage that provides for the efficient and effective collection and transport of these materials on each collection day.

This plan was devised with consideration to the documents '*Development Design Guidelines for Source Separation of Solid Waste*', Halton Region, 2014 (Guidelines), as well as '*The Regional Municipality of Halton By-Law No. 123-12 A By-Law to Govern The Collection Of Waste In The Regional Municipality Of Halton And To Repeal And Replace By-Law No. 30-96, As Amended*', 2012 (Waste Collection By-law).



It should be noted that Halton Region is currently scheduled to transition to a 'Producer Responsible' waste management system starting January 1, 2026, as outlined in '*Medium and Long Term Strategy, Final Draft Solid Waste Management Strategy*', Halton Region, April 2021. Specifics regarding the proposed waste collection system as proposed by the Region's selected 'Producer Responsibility Organization' (PRO) are currently under development.

## 2 MATERIAL HANDLING – DESIGN CONSIDERATIONS

The material handling options for the Development were evaluated based on the relevant requirements set forth in the Guidelines and the Waste Collection By-law. It was assumed that the Development would receive curbside collection service provided by the Region. The material storage and Collection Plan is presented on [FIGURE 1](#), [APPENDIX B](#), and described in the following sections.

### 2.1 Material Sources

Phase 1 and 2 of the Development is to include 57 residences across 8 townhouse blocks, designated A through H ([APPENDIX A](#)). Direct access to the townhouse residences will be via internal roadways.

### 2.2 Material Storage

Each residence is to receive an organic waste receptacle and 2 recycling containers provided by the Region. Residents are to supply a garbage receptacle(s) as specified within the Waste Collection By-law.

Per [FIGURE 1](#), a one square metre storage area for the containers of the three material streams is available with the garages of the townhouses. Materials generated at each of the residences would be placed directly into the dedicated containers and stored within the associated garage prior to material set-out for collection.

### 2.3 Material Collection

For the purposes of developing the Plan, it has been assumed that the residences would receive curb-side collection services provided by the Region using conventional, rear-loading collection vehicles. Residents are to place solid waste materials adjacent to the internal roadways, as identified on the Collection Plan, before 7:00 am on the designated collection day. The Region collects BB recyclables and organics on a weekly basis. Garbage, yard waste, and specific bulk waste items (as defined by Schedule "B" of the Waste Collection By-law) are collected on a bi-weekly basis.



The set-out area for each residence is identified on the Collection Plan. The set-out areas are to provide enough space for the respective collection containers, as well as bulky items and yard waste (minimum of 2.5 square metres). The set-out areas are to be located along the internal roadways and will be directly accessible to the waste collection vehicle.

All internal roads are to have a minimum width of 6 metres and are to be constructed of a hard-surface material designed to support a minimum 35 tonnes which is the weight of a fully loaded waste collection vehicle. The turning radius from the centre line is to be a minimum of 13 metres on all turns. Waste collection vehicles will not be required to back-up onto a municipal road allowance. The proposed route of the collection vehicle is outlined on the Collection Plan.

### 2.3.1 Bulky Items and Yard Waste

Per the Waste Collection By-law, bulky items are collected by the Region once every four weeks, however we understand the Region currently collects bulky items on a bi-weekly basis. One additional collection event is to occur in the spring and fall. Bulky items are to be placed at the curb for pick-up on the designated collection day. A maximum of three items may be set-out per collection day.

Yard waste (including leaves, plants, fine brush, tree clippings, and branches) is to be collected on a bi-weekly basis on the designated collection day between March and December. Yard waste material (except brush) is to be placed at the curb in paper yard waste bags or an approved receptacle (per the Waste Collection By-law).

## 3 IN CLOSING

The Development will include an appropriate method for the collection of Blue Box recyclables, organics and garbage which will provide for the efficient and effective removal of these materials on each collection day.

We trust that this Solid Waste Management Plan for the Development located at 1020, 1024, 1028, 1032, and 1042 Sixth Line Road, in the Town of Oakville, Ontario is satisfactory. Please do not hesitate to contact the undersigned with any questions you may have.

Yours very truly,

**RWDI AIR Inc.**

A handwritten signature in black ink, appearing to read 'Timothy Boc'.

Timothy Boc, BES  
Senior Scientist |  
Technical Team Leader - Geosciences | Associate

A handwritten signature in black ink, appearing to read 'Peter-James Mauro'.

Peter-James Mauro P.Eng., QPESA  
Senior Technical Director |  
Practice Area Leader – Geosciences | Associate

TFB/PJAM/klm

Attach.

The background features a large, light grey curved shape on the right side, and a blue curved shape on the left side, separated by a white border.

# APPENDIX A



**GENERAL STATS**

TOTAL NUMBER OF UNITS:	57
REQUIRED VISITOR PARKING @ 0.25:	8
PROVIDED VISITOR PARKING:	10

**PHASE 1**

NUMBER OF BLOCKS:	5
NUMBER OF UNITS:	52
VISITOR PARKING:	10

**PHASE 2**

NUMBER OF BLOCKS:	2
NUMBER OF UNITS:	5
VISITOR PARKING:	5

CAPTURED IN PHASE 1

**LEGEND**

PROPOSED FIRE HYDRANT	⊕ FH
PROPOSED STACKED HYDRO METER LOCATION & No.	⊕
PROPOSED ELECTRICAL LANTERN	⊕
PROPOSED WALL MOUNTED LIGHT FIXTURE	⊕
PROPOSED GAS METER LOCATION	⊕
PROPOSED MAILBOXES	⊕
PROPOSED ENTRANCE DOOR	⊕
PROPOSED OVERHEAD DOOR	⊕
REVISION BUBBLE	⊕
UNLOCK "BRUSSELS BLOCK" PAVERS IN 5050 MIX OF SANDSTONE & LIMESTONE IN 6X4 LAID BRICK PATTERN	⊕
PROPOSED CURB CUT & DEPRESSED CURB	⊕
FIRE ROUTE	—
VEHICULAR PATH OF TRAVEL	—
PROPERTY LINE	—
TYPICAL PARKING SPACE	6000 x 2000
TYPICAL LAY-BY PARKING SPACE	6700 x 2000
EXISTING TREES	⊕
PROPOSED TREES	⊕

**Site Data**

By Block	Model	GFA (sq ft)	GFA (sq ft)	Building Area (sq ft)	No. of units	Total GFA (sq ft)	Total GFA (sq ft)	Total Building Area (sq ft)	Building Height (ft)	No. of stories
Block A	Woodsen	1,992.51	176.47	67.21	12	1,992.51	1,764.73	673.12	13.34	3
Block B	Woodsen	1,992.51	176.47	67.21	9	1,992.51	1,764.73	673.12	13.34	3
Block C	Dakdale	2,548.54	236.77	78.21	11	2,548.54	2,367.77	782.1	13.34	3
Block D	Kent	2,388.44	221.89	70.77	6	2,388.44	2,218.9	707.77	13.34	3
Block E	Kent	2,388.44	221.89	70.77	6	2,388.44	2,218.9	707.77	13.34	3
Block F	Dakdale	2,548.54	236.77	78.21	11	2,548.54	2,367.77	782.1	13.34	3
Block G	Ridge	2,484.96	230.86	87.26	11	2,484.96	2,308.86	872.6	13.34	3
Block H	Woodsen	1,992.51	176.47	67.21	9	1,992.51	1,764.73	673.12	13.34	3
<b>Total</b>										
Block A	(Town)	12	23,550.93	2,141.50	825.54					
Block B	(Town)	11	21,151.42	1,985.03	757.63					
Block C	(Town)	7	16,577.93	1,540.88	481.01					
Block D	(Town)	6	14,248.18	1,323.79	422.61					
Block E	(Town)	8	18,905.28	1,756.36	559.42					
Block F	(Town)	8	18,905.28	1,756.36	559.42					
Block G	(Town)	3	4,931.52	468.91	144.52					
Block H	(Town)	3	7,116.78	661.39	262.98					
<b>Total</b>										
Total Site GFA	Proposed	11,952.83								
Total Parcel Area	Proposed	2,298.19	17.62							
Total Building Area (not incl. deck area)	Proposed	4,075.92	32.52							
Total Landscape Area	Proposed	6,223.08	49.76							
<b>PPPS</b>										
Area A	Proposed	1,629.39								
Area B	Proposed	772.91								
Area C	Proposed	262.54								
Total	Proposed	2,664.84								
<b>Parking</b>										
Residential	Required	52								
Residential w/ additional driveway parking	2.0x	84								
Visitor @ 0.25	8	10								
Site Density (units/ha)	Proposed	45.00	Units/ha							
Floor space index (FSI)	0.53									

**OAKVILLE** AREA MAP NOT TO SCALE

**ISSUED FOR RE-ZONING** 2023-04-28  
**SUBMITTED TO LPAT** 2021-03-05

**DESCRIPTION** DATE

**ISSUED RECORD**

**D**  
**DUNPAR**

**OAKVILLE RAVINE TOWNS**  
 1020, 1024, 1028, 1032, 1042 SIXTH LINE ROAD  
 OAKVILLE, ON

**SCALE** 1:300 NORTH

**DRAWING TITLE** SITE PLAN

**CLIENT** 1609514 ONTARIO CORP.  
 105 SIX POINT ROAD, ETOBICOKE ON M9Z 2X3  
 TEL: 416.236.9800 | FAX: 416.236.9080

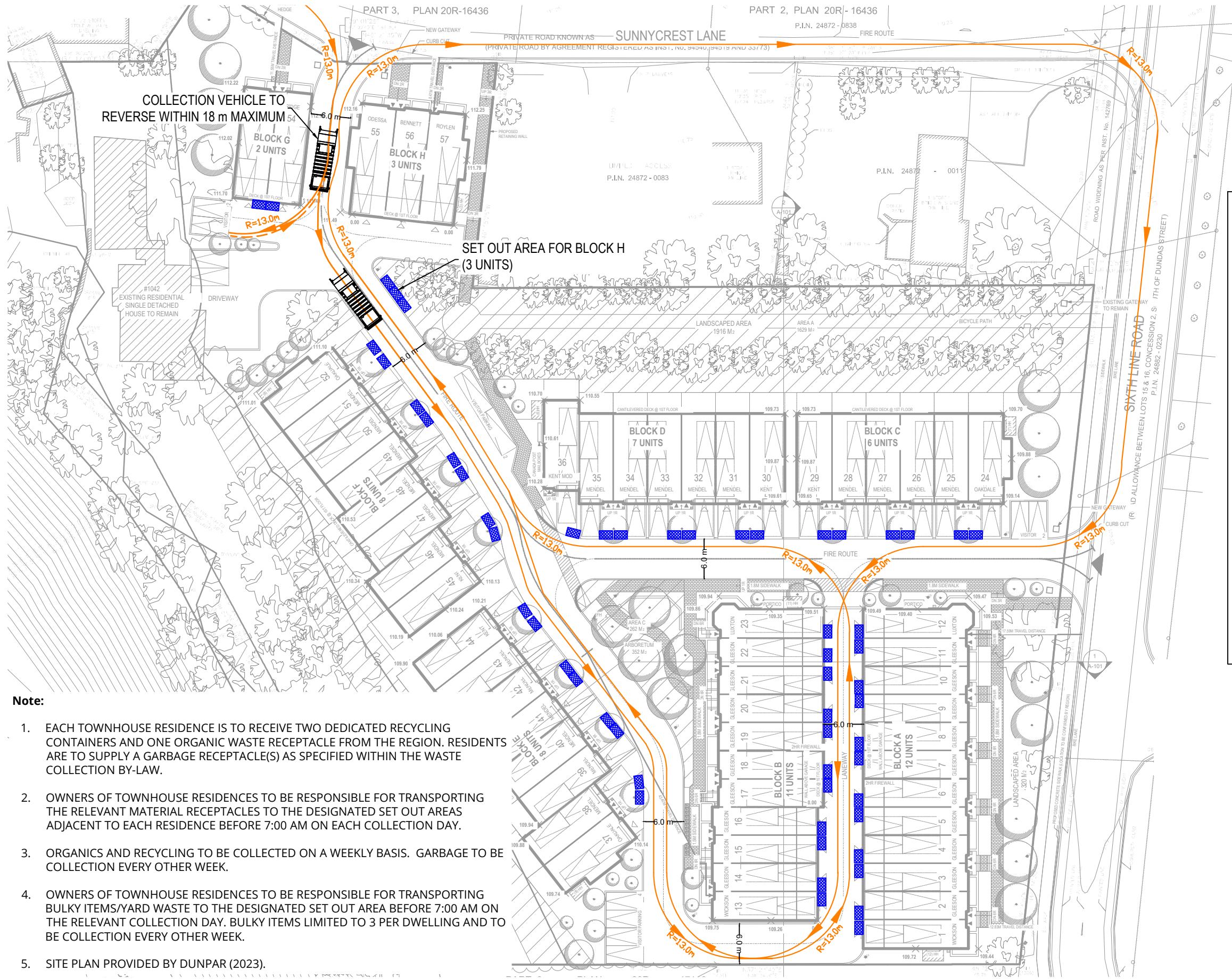
**DRAWN** IM **PAGE NO.**  
**CHECKED** AS **A-100**

**DATE** 2023-04-28



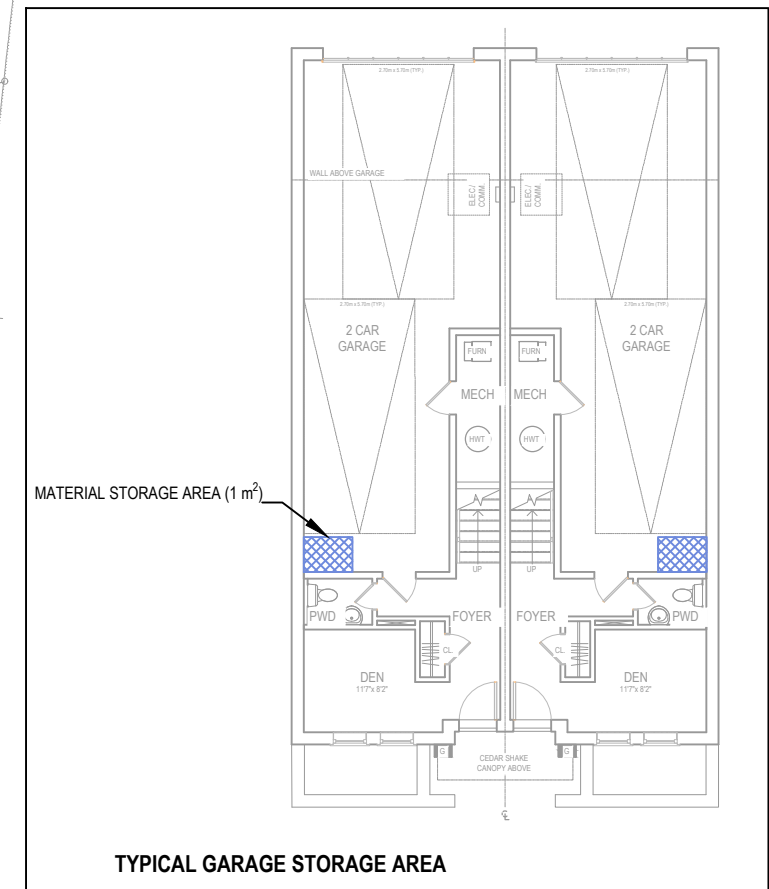
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# APPENDIX B



**LEGEND:**

- SET OUT AREA (2.5 m<sup>2</sup>)
- PROPOSED COLLECTION ROUTE
- COLLECTION VEHICLE
- DIRECTION OF TRAVEL



- Note:**
1. EACH TOWNHOUSE RESIDENCE IS TO RECEIVE TWO DEDICATED RECYCLING CONTAINERS AND ONE ORGANIC WASTE RECEPTACLE FROM THE REGION. RESIDENTS ARE TO SUPPLY A GARBAGE RECEPTACLE(S) AS SPECIFIED WITHIN THE WASTE COLLECTION BY-LAW.
  2. OWNERS OF TOWNHOUSE RESIDENCES TO BE RESPONSIBLE FOR TRANSPORTING THE RELEVANT MATERIAL RECEPTACLES TO THE DESIGNATED SET OUT AREAS ADJACENT TO EACH RESIDENCE BEFORE 7:00 AM ON EACH COLLECTION DAY.
  3. ORGANICS AND RECYCLING TO BE COLLECTED ON A WEEKLY BASIS. GARBAGE TO BE COLLECTION EVERY OTHER WEEK.
  4. OWNERS OF TOWNHOUSE RESIDENCES TO BE RESPONSIBLE FOR TRANSPORTING BULKY ITEMS/YARD WASTE TO THE DESIGNATED SET OUT AREA BEFORE 7:00 AM ON THE RELEVANT COLLECTION DAY. BULKY ITEMS LIMITED TO 3 PER DWELLING AND TO BE COLLECTION EVERY OTHER WEEK.
  5. SITE PLAN PROVIDED BY DUNPAR (2023).



**Organics, Recyclables, and Garbage Collection Plan**  
 Solid Waste Management Plan - Oakville Ravine Towns  
 1012, 1024, 1028, 1032, 1042 Sixth Line Road, Oakville, Ontario  
 1463291 Ontario Inc.

True North

Drawn by: EW	Figure: 1
Approx. Scale: 1:900	
Project #2305645	Date Revised: May 25, 2023