

Tree Inventory & Arborist Report

Prepared for:

Lev Living

Subject Site:

1 Rosetta St, Georgetown, ON L7G 3P1

PART 1

Prepared By:

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1.0 Introduction

1.1 Purpose of Assignment

The Urban Arborist Inc was retained by Lev Living to prepare a Tree Inventory & Arborist Report for a re-development project. The project consists of re-developing the existing site to build a 10, 12, and 14 storey condominium complex.. A previous Arborist Report was made on March 11 2021 and can be referenced. Additional trees have been picked up abutting the Go Train Parking lot as the development has expanded in that direction. There is a future road extension of St. Michaels Street that is addressed in a separate Arborist Report.



Figure 1. Aerial view of 1 Rosetta St, Georgetown, ON L7G 3P1

1.2 Existing Site Characteristics

The subject site has many adjacent residential lands, adjacent Go Train parking, and Go Train Station. The grade of the property does not change throughout the property.

2.0 *Methodology and Guidance*

All data used in this report is empirical in nature, unless stated otherwise. All measurements in this report utilize the metric system of measurement.

2.1 *Field Study*

Site inspection and data collection was initiated August 8, 2024. All trees 10cm in diameter (DBH) and greater measured at 1.4m from grade (DBH) on the property and all trees within 6m of the subject site have been included in this report. Smaller than 10cm DBH have been captured and shown in the Tree Inventory Table in the notes.

2.2 *Tree Locations*

The locations of all trees 10cm DBH and greater were surveyed by J.D. Barnes with a completion date of August 24th, 2024. All surveyed trees were plotted and used for reference on the Tree Inventory Plan and shown on Tree Inventory Plan drawing TP-1 in appendix 3.

2.3 *Tree Conditions*

During field study a generalized assessment system was used to give each significant tree a rating based on structural condition and health condition.

The following 5 level assessment for health is listed below.

- Very Poor - Tree displays severe dieback of branches, canopy is extremely sparse. May exhibit extreme pathogen infestation or infection. Or tree is dead.
- Poor - Tree displays some dieback. Branches or canopy is sparse with little or no signs of new growth or vigour. Possible pathogen infestation or infection. Foliar canopy is sparse.
- Fair - Tree is developing in a manner typical to others in the area. Canopy is full.
- Good - New growth is vigorous as evidenced by stem elongation and colour. Canopy is dense.

Very Good - In addition to the attributes of a good rating, tree is displaying extremely vigorous growth and trunk displays a pattern of vigour cracks or lines.

The following 5 level assessment for structural condition was as follows:

- Very Poor - Trunk has large pockets of decay, is bifurcated or has a severe lean. Limbs or branches are poorly attached or dead. Possible hazard.
- Poor - Limbs or branches are poorly attached or developed. Canopy is not symmetrical. Trunk has a lean.
- Fair - Trunk, limb and branch development though flawed is typical of this species.
- Good - Trunk is well developed with well attached limbs and branches; some flaws but are hardly visible.
- Very Good - In addition to attributes of a good rating, the tree exhibits a well developed root flare and a balanced canopy.

Factors Assessed were as follows:

Roots	Trunk	Foliage/Buds	Scaffold Branches	Small Branches/Twigs
<ul style="list-style-type: none"> · Collar/flare · Mechanical injury · Girdling roots · Insects/disease · Decay/fungi 	<ul style="list-style-type: none"> · Cavities · Mechanical injury · Cracks · Swollen/sunken areas · Insects/disease · Fungi 	<ul style="list-style-type: none"> · Size of foliage/buds · Foliage colour · Foliage injury · Dieback of buds/foilage · Insects/disease 	<ul style="list-style-type: none"> · Attachments/included bark · Taper · Distribution · Decay/cavities · Deadwood · Insects/disease 	<ul style="list-style-type: none"> · Vigour/growth rates · Distribution · Appearance · Insects/disease · Dieback

3.0 Tree Inventory

A total of 35 trees were inventoried and included in this report. (See Tree Inventory Spreadsheet in appendix 1).

3.1 Trees to Preserve

The trees in this section have been evaluated suitable for preservation and fall under the Tree Preservation, Protection and Management guidelines in this report. Different approaches of Tree Preservation can be carried out following tree health and structure evaluation. The following describes

the differences in approaches to Tree Preservation.

1. Preserve, Protect & Maintain

Includes protection with tree preservation hoarding, as well as pre and post-construction arboricultural works that may include root sensitive excavation.

2. Preserve & Protect

Includes the installation of tree protection hoarding; no maintenance will be required unless specified in the recommendations in Appendix 1

3. Retain

No protection or maintenance measures are required. Installation of tree protection barriers is optional.

# of Trees evaluated as suitable for Preservation	3
# of Trees to use Method 1	n/a
# of Trees to use Method 2	3 (#244, #255, #256, #258)
# of Trees to use Method 3	

In the case of 1 Rosetta Street, 4 trees can be preserved on site.

3.2 Trees to Remove

All trees scheduled for removal shall be removed prior to any construction, earthworks or installation of tree protection hoarding. Due to site or development, tree condition or location, retention is not warranted. 1 tree is to be removed that requires a permit.

Total of number of Trees to Remove requiring a permit	31
Trees Proposed to be Removed	All except #244, #255, #256, #258

3.3 *Trees to Injure*

There are no trees scheduled to be injured.

Total of number of Trees to Injure requiring a permit	0
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3.4 *Trees to Replant (Replacement)*

Tree replacement ratio requirements are yet to be determined. Species and location is yet to be determined.

3.5 *Pruning*

No pruning is required for the proposed site plan.

4.0 *Tree Preservation, Protection and Management*

4.1 *Tree Protection*

All trees required to be preserved must be protected with Tree Protection Fencing and be maintained throughout the construction process. Refer to Protection Plan Drawing TP-1 in appendix 3.

4.2 *Tree Protection Barriers*

There are 4 trees that are on the adjacent GO Train parking lot lands that will be retained without specific tree protection fencing built. Construction site fencing will be adequate at the property line.

5.0 Conclusions and Recommendations

Based on all data collected from on-site field work and review of all site plans the following conclusions and recommendations are made and correspond with Tree Inventory in Appendix 1:

Conclusions	Recommendations
31 trees are proposed to be removed that requires a permit to remove.	Apply to remove 31 trees on the subject property.
4 trees are to be retained where the property line and construction site fencing will act as tree protection.	Install construction site fencing.

Attachments are as follows:

- Appendix 1 Tree Inventory
- Appendix 2 Site Plan / Tree Inventory Plan Drawing TP-1
- Appendix 3 Photographs

This 7 page Report was written by

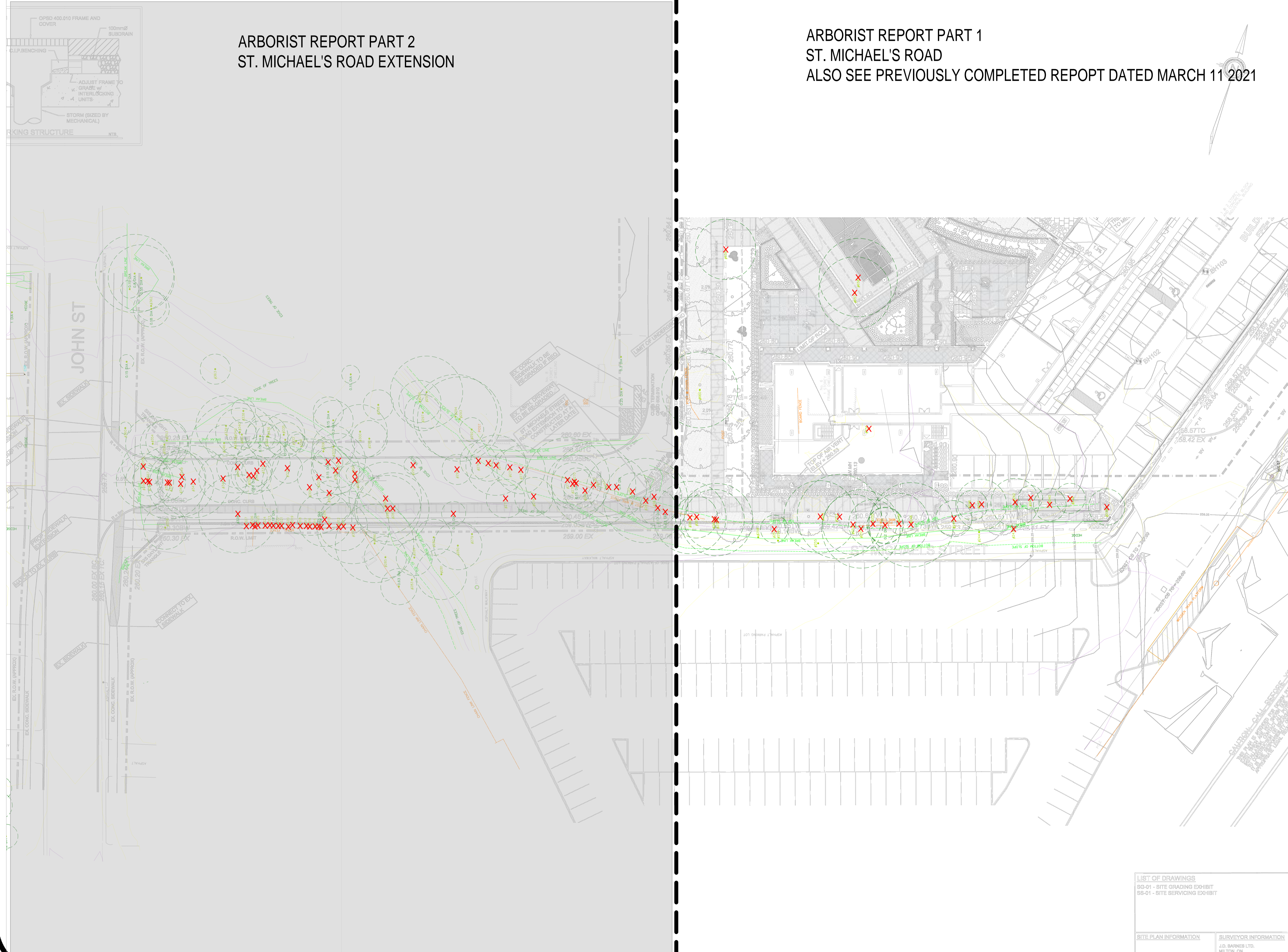
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Tree Inventory (PART 1) – 1 Rosetta Street, Georgetown, ON L7G 3P1 August 8 2024.

Tag #	Common Name	Botanical Name	Diameter at Breast Height (cm)							Crown Radius (m)	Health Condition	Structural Condition	Notes	Recommendations Based on Site Plan	Proposed TPZ (m)	Replacement Ratio
656	Colorado Spruce	Picea pungens	32							2.5	Fair	Fair		Remove	-	-
657	Sweet Cherry	Prunus avium	28							3.5	Fair	Fair	Co-dominant	Remove	-	-
658	Manitoba Maple	Acer negundo	22	x	20	x	15	x	20				Grown from stump of previously failed tree	Remove	-	-
659	Black Locust	Robinia pseudoacacia	68	x	40								Co-dominant, some breakage and some deadwood	Remove	-	-
660	Norway Maple	Acer platanoides	54											Remove	-	-
661	Manitoba Maple	Acer negundo	28	x	16	x	14						Leaning heavy north, growing out of side of building	Remove	-	-
662	Norway Maple	Acer platanoides	10	x	9	x	12						Been hit over by a car, leaning heavy	Remove	-	-
663	Colorado Spruce	Picea pungens	43											Remove	-	-
664	Manitoba Maple	Acer negundo	11	x	11	x	11	x	11	x	11		Multi-stem	Remove	-	-
665	White Mulberry	Morus alba	17											Remove	-	-
238	Manitoba Maple	Acer negundo	10	x	10	x	4	x	5	x	3		At stop sign	Remove	-	-
239	Black Locust	Robinia pseudoacacia	13	x	8	x	4							Remove	-	-
240	Black Locust	Robinia pseudoacacia	10											Remove	-	-
241	Black Locust	Robinia pseudoacacia	7											Remove	-	-
242	Black Locust	Robinia pseudoacacia	10	x	6	x	6	x	7	x	8			Remove	-	-
243	Colorado Spruce	Picea pungens	19											Remove	-	-
244	White Spruce	Picea glauca	10											Retain	TBD	-
245	Manitoba Maple	Acer negundo	59											Remove	-	-
246	Black Locust	Robinia pseudoacacia	8											Remove	-	-
247	Black Locust	Robinia pseudoacacia	25	x	12	x	8	x	7					Remove	-	-
248	Manitoba Maple	Acer negundo	50										Co-dominant, leaning South	Remove	-	-
249	Manitoba Maple	Acer negundo	28	x	20								Grown in fence, irregular growth	Remove	-	-
250	Black Locust	Robinia pseudoacacia	8											Remove	-	-
251	Manitoba Maple	Acer negundo	25	x	20								grown in fence, leaning south	Remove	-	-
252	Manitoba Maple	Acer negundo	36	x	23								heavy dieback, main leader dead	Remove	-	-
253	Manitoba Maple	Acer negundo	28	x	19								leaning heavy east. 1 stem heavy dieback.	Remove	-	-
254	Black Walnut	Juglans nigra	40											Remove	-	-
255	Austrian Pine	Pinus nigra	13											Retain	TBD	-
256	Austrian Pine	Pinus nigra	17											Retain	TBD	-
257	Black Locust	Robinia pseudoacacia	20											Remove	-	-
258	Austrian Pine	Pinus nigra	20											Retain	TBD	-
259	Norway Maple	Acer platanoides	25	x	25								1 stem has heavy decay at scar located at base	Remove	-	-
260	Black Locust	Robinia pseudoacacia	48	x	36								grown beside old hydro pole	Remove	-	-
261	Manitoba Maple	Acer negundo	30											Remove	-	-
262	Black Locust	Robinia pseudoacacia	55										Co-dominant	Remove	-	-

ARBORIST REPORT PART 2
ST. MICHAEL'S ROAD EXTENSION

ARBORIST REPORT PART 1
ST. MICHAEL'S ROAD
ALSO SEE PREVIOUSLY COMPLETED REPORT DATED MARCH 11 2021



General Notes

- EXISTING TREE
- ✕ TREE TO REMOVE
- LIMIT OF CANOPY
- TREE PROTECTION BARRIER
- ⊕ REPLACEMENT TREE TO PLANT



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No.	Revision/Issue	Date

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Project Name and Address
1 Rosetta Street
Georgetown, ON.
L7G 3P1

Project Tree Inventory Plan	Sheet TP-1
Date 30.09.2024	
Scale As Noted	

LIST OF DRAWINGS 80-01 - SITE GRADING EXHIBIT 80-01 - SITE SERVICING EXHIBIT	SITE PLAN INFORMATION	SURVEYOR INFORMATION J.D. BARNES LTD. MILTON, ON
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