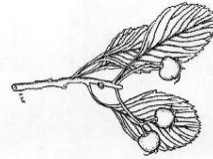


Arborist Report for 1041 Lakeshore Road East

Toronto, Ontario



DAWhiteTreeCare.com

Tel: 416 431 2453, E-mail: DAWhiteTreeCare@GMail.com

D. Andrew White M. Sc. ISA Certified Arborist ON-0734. 78 Marcella St. Toronto, ON, M1G 1L2.

1. Introduction

The following is an arborist report for the property at 1041 Lakeshore Road East, in Toronto Ontario. The purpose of this report was to ascertain the potential impacts of the proposed construction of a new development on the trees on the site and on adjacent properties.

2. Methods

An on-site inspection was made on March 3, 2022. The sizes of individual trees were measured as diameter at breast height (DBH), breast height being 137 cm from ground level. The locations of these trees are indicated on the modified site plan (Fig. 1). From the data collected plant Condition Rating (CR), Location Rating (LR), Species Rating (SR), and minimum Tree Protection Zones (TPZ), were estimated.^{1,2}

It is necessary to protect all trees designated for preservation during both demolition and construction. This tree protection can be accomplished by protecting the said trees with *tree protection barriers*.

Tree barriers for road allowance areas would be composed of a 1.2 metres (4 ft.) high orange plastic web snow fencing secured on 2"x4" wood frames. Usually, tree protection barriers, not on road allowance, are to be 1.2 metres (4 ft.) high, and composed of solid hoarding plywood (refer to Mississauga tree protection barrier detail)

3. Discussion

There are plans to develop the site at 1041 Lakeshore Road East several non-exempt trees would need to be injured or removed, in order to allow for the proposed development (Table 1, Fig. 1).

Private Trees:

There are (2) two trees on the subject site which are to be removed (Trees #1-2).

Trees to be REMOVED:	(2) Two
Trees:	#1 – Manitoba Maple (8-10 cm DBH) #2 – Manitoba Maple (6-8 cm DBH)
Notes:	Trees conflict with the proposed street works

Neighbouring Trees:

There are (5) five trees adjacent to the subject site which are to remain. Several of these trees are beyond the limit of proposed work (Trees #3, 5-7), while others are to be preserved with tree protection fencing (Tree #4).

Trees to REMAIN:	(4) Four
Trees:	#3 – Yew tree (8-12 cm DBH) #5 – Norway Maple (38 cm DBH) #6 – Magnolia (32-38 cm DBH) #7 – Norway Spruce (38 cm DBH)
Notes:	Trees beyond the limit of the proposed development – to be preserved by existing neighbouring fences.
Trees to be PRESERVED:	(1) One
Trees:	#4 – Emerald Cedar (15 cm DBH)
Notes:	Tree protection fencing to be composed of 1.2 metres (4 ft.) high orange plastic web snow fencing secured on 2"x4" wood frames at the extent of TPZ (refer to Table 1 and <i>Tree Preservation Plan LI-01</i> by MSLA)

4. Replacement Trees:

MSLA Landscape Architects has developed a landscape plan for the 1041 Lakeshore Road East property (*L2-01 – MSLA Landscape Plan*).

The City of Mississauga tree replacement requirements are as follows:

- If you remove a healthy tree with a diameter that is 49 cm or less, one replacement tree is required.
- If you remove a healthy tree with a diameter of 50 cm or greater, two replacement trees are required.
- Replacement trees must be at least 1.8 m tall if coniferous or at least 6 cm in diameter if deciduous

Tree locations would be such as not to interfere with underground or overhead utility lines. The trees are to be planted after the construction and landscaping work on the site have been completed. The trees would best be transplanted during the spring or autumn. Mid-summer transplanting should be avoided. These trees are to be maintained in good condition. Supplemental watering may be required during the drier periods of the year, especially during the first two or three years after their transplantation.

5. Conclusions

In order to allow for the alterations to the property at 1041 Lakeshore Road East two trees will require removal. The remaining trees can be preserved adequately with tree protection fencing and existing neighbouring fences.

(2) Two private trees, less than 10cm DBH, will require REMOVAL

All the trees to be retained would be protected by barriers during the demolition and construction work on the site.

MSLA Landscape Architects has developed a landscape plan for the 1041 Lakeshore Road East property.

D. Andrew White M. Sc.



March 4, 2022

Table #1. Tree number (No.), species, diameter at breast height (DBH), Condition Rating (CR) Tree Category (TC) and comments.

No.	Tree Species	DBH (cm)	CR (%)	TC	Comments	Recommendations
#1	Manitoba Maple	8-10	70	Private	Naturalised tree near fence-line, in good condition TPZ: 1.2 m	To be REMOVED ; conflict with proposed streetscape works
#2	Manitoba Maple	6-8	70	Private	Naturalised tree near fence-line, in good condition TPZ: 1.2 m	To be REMOVED ; conflict with proposed streetscape works
#3+	Yew trees	8-12 circa	65-75	Neigh.	Trees behind retaining wall, in fair to good condition TPZ: 1.2 – 1.8 m	To remain – beyond limit of development (existing fence to act as preservation)
#4	Emerald Cedar	15 circa	72.5	Neigh.	Tree behind retaining wall near building, in good condition TPZ: 1.8 m	To be PRESERVED – refer to tree hoarding detail
#5	Norway Maple	38 circa	65	Neigh.	Tree over TPZ from worksite, in fair condition TPZ: 2.4 m	To remain – beyond limit of development
#6	Magnolia	32-38	70	Neigh.	Tree over TPZ from worksite, in good condition with 4 leaders at 0.6 m from ground TPZ: 2.4 m	To remain – beyond limit of development
#7	Norway Spruce	38	65	Neigh.	Tree over TPZ from worksite, with crown base at 1.7 m TPZ: 2.4 m	To remain – beyond limit of development

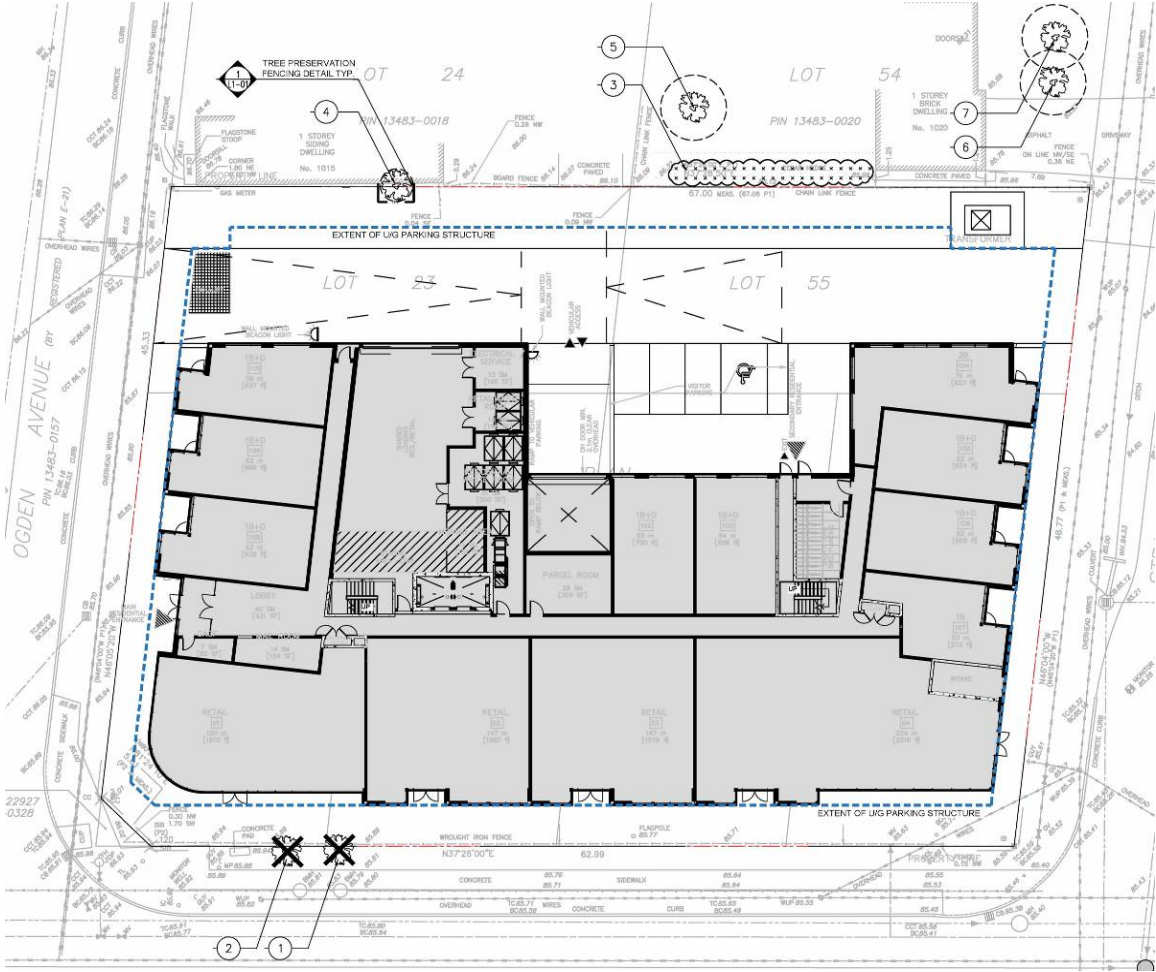


Figure #1: Tree locations on the 1041 Lakeshore Road East development site
 (Refer to *Tree Preservation Plan L1-01* by MSLA for enlargement)

6. References

1- Council of Tree Landscape Appraisers. 2019. Guide for Plant Appraisal. 10th Edition. International Society of Arboriculture.

2- International Society of Arboriculture of Ontario. 2022. Ontario Supplement to Guide for Plant Appraisal 10th Edition. Ontario Chapter, International Society of Arboriculture.

3- City of Mississauga. 2001. THE TREE PERMIT BY-LAW NUMBER 474-05. Corporation of the City of Mississauga, ON.

4- City of Mississauga. 2020. Application to Permit the Injury or Destruction of Trees on Private Property. City of Mississauga Community Services Department.