

ARBORIST & TREE PRESERVATION REPORT

Proposed New Condominium Development
260 High Park Ave.
Toronto, ON

04 February 2016

**Arborist Report for
260 High Park Ave
February 04, 2016**

1.0 Introduction

The following is an arborist report for the property at 260 High Park Ave, Toronto, Ontario. The purpose of this report was to ascertain the potential impacts of the proposed condominium buildings on the trees on, and near, the subject site.

2.0 Methods

An on-site inspection was conducted on November 26th, 2015. The sizes of individual trees were measured as diameter at breast height (DBH), being 140 cm from ground level. The locations of these trees are indicated on Figure #1. From the field data collected, Table #1 Identifies Tree Species, DBH, Tree Condition Rating (CR), Toronto Tree Category (TC) and indication of location (ie. Private or City owned Tree).

3.0 Discussion

For the proposed development of the condominium buildings at 260 High Park Ave, there is a total of Two (2) privately owned trees over 30cm DBH and Two (2) City owned trees that would need to be removed (Table 1).

Eleven (11) City-owned trees would be retained with little risk of injury and are subject to tree protection measures per the City's By-Law specifications for protection of boulevard trees. (Table 1)

3.1 Tree Protection:

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*. The minimum tree protection zone (TPZ) radius is based on the diameter of the tree (TPZ approx. 0.06 m/cm x DBH cm). Tree barriers for road allowance areas would be composed of a 1.2m (4 ft.) high orange plastic web snow fencing secured on 2x4 in wood frames. Typically, large development areas are enclosed with 1.8m (6 ft.) high metal construction fencing.

Construction fences would enclose the worksite. The barrier would be installed near the setbacks.

3.2 Replacement Trees:

Through the Site Plan Approval Phase, we will be developing a Landscape Plan illustrating proposed new tree planting to City Staff's approval. All new trees would be of large caliper nursery grown stock. The trees would be transplanted as according to municipal codes and bylaws.

1. Minimum 40-60 mm caliper deciduous trees.
2. Minimum 1.8-2.5 m height for coniferous trees.
3. Minimum spacing of 5 to 6 m between new trees.

Trees would best be planted 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.

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4.0 Conclusions

In order to allow for the development of the site at 260 High Park Ave, only Two (2) privately owned trees and Two (2) city-owned trees would need a City of Toronto Application to Injure or Destroy Trees whereas Eleven (11) trees within the municipal ROW will require tree protection measures to minimize any impact from the new proposed development.

Report and Field Inventory Prepared by:
MEP Design Inc.



Per: Michael Presutti, OALA CSLA (Principal Landscape Architect)



Per: D. Andrew White M. Sc. (ISA Certified Arborist ON-0734)

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

EXISTING TREE INVENTORY							Trees to be Protected	Trees to be Removed Requiring Permit
No.	Species	DBH(cm)	CR	TC	Comments	TPZ		
1	Siberian Elm	66-68cm	45% Poor	1-private	Previous Canopy appears to have been unsafe and Main two stems are truncated at about 8m height; in poor condition.	4.2m		✓
2	White Mulberry	12cm	70% Fair	1-private	Tree near fence	1.8m		
3	Norway Maple	21cm	70% Fair	1-private	Tree near fence	1.8m		
4	Norway Maple	19cm	60% Fair	1-private	Tree near fence	1.8m		
5	Norway Maple	15cm	55% Poor	1-private	Tree near fence	1.8m		
6	Linden	68cm	60% Fair	5-city	Off-site road allowance	4.2m	✓	
7	Norway Maple	18cm	65% Fair	5-city	Tree in road allowance zone	1.8m	✓	
8	Yew tree	12-16cm	70% Good	1-private	On-site tree on lawn	1.8m		
9	Linden	41cm	55% Fair	5-city	Tree in road allowance zone	3.0m	✓	
10	Linden	28cm	65% Fair	5-city	Tree in road allowance zone	1.8m	✓	
11	Yew tree	18cm	65% Fair	1-private	On-site tree near building	1.8m		
12	Yew stump	20cm	0% Dead	1-private	Stump of removed tree	N/A		
13	Ailanthus tree	35cm	65% Fair	1-private	Tree near fence	2.4m		✓
14	Yew tree	16-18cm	60% Fair	1-private	On-site tree near building	1.8m		
15	Yew tree	18-21cm	60% Fair	1-private	On-site tree near building	1.8m		
16	Yew tree	12-15cm	60% Fair	1-private	On-site tree near building	1.8m		
17	Horse-chestnut	12cm	70% Fair	5-city	Tree in road allowance zone	1.8m	✓	
18	Flowering Crab	24cm	55% low -fair	1-private	Tree on lawn	1.8m		
19	Norway Maple	17cm	60% Fair	5-city	Tree in road allowance zone	1.8m	✓	
20	Norway Maple	52cm	55% low -fair	5-city	Tree in road allowance zone; scar on trunk	3.6m	✓	
21	Norway Maple	18cm	65% Fair	5-city	Tree in road allowance zone	1.8m		✓
22	Red Oak	12cm	75% good	5-city	Tree in road allowance zone	1.8m		✓

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23	Norway Maple	44cm	60% Fair	5-city	Tree in road allowance zone	3.0m	✓	
24	Flowering Crab	18-22cm	55% low -fair	1-private	Tree on lawn	1.8m		
25	Flowering Crab	16-18cm	55% low -fair	1-private	Tree on lawn	1.8m		
26	Flowering Crab	16-18cm	55% low -fair	1-private	Tree on lawn	2.4m		
27	Blue Spruce	32cm	70% Fair	2-neighbour	Tree on neighbouring property	2.4m	✓	
28	Blue Spruce	28-32cm	65% Fair	2-neighbour	Tree on neighbouring property	2.4m	✓	
29	Blue Spruce	18-22cm	65% Fair	2-neighbour	Tree on neighbouring property	1.8m	✓	
30	Norway Maple	74cm	60% Fair	1-private	Tree near fence line	4.8m	✓	
31	Green Ash	29cm	60% Fair	5-city	Forestry Tagged tree #4795(Treated for EAB)	1.8m	✓	
32	Sycamore	24cm	80% Good	5-city	Tree in road allowance zone	1.8m	✓	
33	Norway Maple	32cm	60% Fair	5-city	Conflict w/ hydro wires / poor crown structure	2.4m	✓	
34	Colorado Blue Spruce	40cm	80% Good	2-neighbour	Tree on neighbouring property	2.4m	✓	
35	Colorado Blue Spruce	45cm	80% Good	2-neighbour	Tree on neighbouring property	3.0m	✓	
36	Ornamental Cherry	23cm	80% Good	2-neighbour	Tree on neighbouring property	1.8m	✓	
37	Cedar	25cm	10% Poor	2-neighbour	Tree on neighbouring property	1.8m		
38	Cedar	29cm	60% Fair	2-neighbour	Tree on neighbouring property	1.8m		
39	Cedar	29cm	60% Fair	2-neighbour	Tree on neighbouring property	1.8m		
40	Cedar	29cm	60% Fair	2-neighbour	Tree on neighbouring property	1.8m		
41	Cedar	29cm	60% Fair	2-neighbour	Tree on neighbouring property	1.8m		
42	Cedar	29cm	60% Fair	2-neighbour	Tree on neighbouring property	1.8m		
43	Cherry	20cm	60% Fair	2-neighbour	Next to existing building foundation	1.8m	✓	

DBH: Diameter at breast height/ CR:Condition Rating/ TC:Toronto Tree Category/ TPZ: Tree Protection Zone

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Photo #1: Trees no.1 to no.5 on the south-west side of 260 High Park Ave property.



Photo #2: Trees no.6 to no.9 on the north-west side of 260 High Park Ave property.

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Photo #3: Trees no.10 to no.12 on the north side of 260 High Park Ave property.



Photo #4: Trees no.16 and no.17 on the north east side of 260 High Park Ave property.

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Photo #5: Trees no.24 and no.25 on the east side of 260 High Park Ave property.



Photo #6: Tree no.26 on the south east side of 260 High Park Ave property.



Photo #7: Trees no.21 to no.23 on the south east side of 260 High Park Ave property.



Photo #8: Trees no.27 to no.30 near the south east side of 260 High Park Ave property.

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6.0 References

- 1- Council of Tree Landscape Appraisers. 2006. Guide for Plant Appraisal. 10th Edition. International Society of Arboriculture.
- 2- International Society of Arboriculture of Ontario. 2006. Ontario Supplement to Guide for Plant Appraisal 10th Edition. Ontario Chapter, International Society of Arboriculture.
- 3- City of Toronto. 2015. Urban Forestry Services. www.toronto.ca/trees.
- 4- City of Toronto. 2015. Tree Protection Policy and Specifications for Construction near Trees (including detail PD-101). Toronto Parks, Forestry and Recreation.
- 5- City of Toronto. 2015. Application to Injure or Destroy Trees. Toronto Parks, Forestry & Recreation.
- 6- City of Toronto. 2015. Information about the Ravine and Natural Feature Protection By-Law Municipal Code Chapter 658. Toronto Parks, Forestry & Recreation.

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