From: Tamara HermannSent: Monday, November 14, 2016 9:22 AMTo: Yvonne DaviesSubject: SC18.13 Arborist's report for 29 MacDuff Cres

Hello Yvonne,

Just in case the owner of 29 MacDuff Cres didn't send you the arborist's report for 29 MacDuff Cres., I've attached a copy. It was sent to me on Friday November 11<sup>th</sup>.

Best,

Tamara

Tamara Hermann Constituency Relations Office of Councillor Crawford Ward 36 416-392-4052 416-396-7703

**NOTICE:** If you are scheduling a meeting with Councillor Crawford or a member of his staff, you may be required to register as a lobbyist. Please check: <u>www.toronto.ca/lobbying</u> for more information.

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# **Arborist Report**

## Prepared for Michele and Mark Gonsalves 29 Macduff Crescent, Toronto M1M 1X6

Date: May 1st, 2016

Prepared by *Harmony Tree Service* 25 Geraldton Crescent, North York M2J 2R5 416 8448484/ 647 5219123 harmonytreeservice@gmail.com www.harmonytreeservice.ca



#### **Introduction:**

Harmony Tree Service was retained by Mr. & Mrs Gonsalves, the owners of 29 Macduff Crescent, in April 2016 to prepare an Arborist Report. The owners are concerned about their Eastern White Cedar hedge *Thuja occidentalis* located on the West side of the front lawn by the property line. The homeowners were ordered to reduce the height of the hedge to 4 feet from grade. Given the hedge's current size, it may be detrimental to trees' health. They wish to maintain the hedge at 8' in height instead, and trim the side without disturbing its current health and keeping its aesthetic value.

The subject row of hedge is in fair condition with no visible flaw or signs of stress. The row consists of 14 multistemmed trees, diameter less than 12 inches. Its current dimension is 30' x 7.5' x 13' (LxWxH). Though it was not recently maintained by the owners, it provides benefits of a hedge such as privacy, noise absorbing and increased property value. In the field of Arboriculture, it is a common knowledge that we should not remove more than 25-30% of its canopy (leaves) in one year when pruning. It is considered a bad practice because removing significant amount of foliage overnight can add streess to the tree and shorten its lifespan, and possibly result in tree mortality.

The subject hedge is one of the common fence hedge that we see around the city. I believe that it stands its value to the property and should be retained with required attention from qualified Arborist followed by scheduled maintenance. The hedge is currently overgrown. However, to perform a good Arboricultural practice, we should only reduce the crown of the hedge down to 8'.

#### Tree Inventory:

Tree No.	Species	DBH(cm)	Rating	Comments	TPZ(m)	Category	Notes
1	White Cedar Hedge (14) <i>Thuja</i> occidentalis	>20	G-F	Multi stemmed Property line hedge	n/a	1	Retain

**Condition Rating:** Overall condition of tree based on health and structure of tree ranging from Good-Fair-Poor. H- Hazardous **TPZ:** Minimum Tree Protection Zone as per the City of Toronto

**Category:** City of Toronto protection category- 1-Private tree, subject site; 2-Private tree, adjacent property; 3-Municipal park; 4-Ravine tree; 5- City road allowance; N/A- not protected by Municipal Tree bylaw

#### **Conclusion:**

The subject hedge is in fair condition and it should not be abused by bad pruning practice. Over trimming the hedge will make the trees suffer significantly and lose its structural integrity. We should only prune as much as a tree can tolerate or it will decline over time. If the trees will be preserved, I believe that the fair height to keep this hedge at would be 8' in height considering that the side will be trimmed back during pruning,. Any more than that will destroy the tree's shape/structure and it will be unrecoverable. It could also be detrimental to the trees and removal may be a better option at that point.

Please review the photos attached. If you require additional information, please contact Damian Lim directly at 416) 844 8484 or via email at <u>damian@harmonytreeservice.ca</u>.

Damian Lim ISA Certified Arborist ON-1933A, Ontario Qualified Arborist/ Journeyperson Harmony Tree Service

EM.

May 1st, 2016

Michele and Mark Gonsalves 29 Macduff Crescent, Toronto M1M 1X6

<u>Photos</u> Subject Cedar hedge row (right side of house)



Michele and Mark Gonsalves 29 Macduff Crescent, Toronto M1M 1X6

### Reduction (approximate)



#### Side view

