

Arbor Knot Tree Service
P.O. Box 61537, 9350 Yonge St.
Richmond Hill, ON. L4C 0C9
(416)717-9315

Dated: October 29, 2016

1) Introduction:

The following is an arborist report for the property at 125 Tillman Circle, Markham. ON. This report provides information for the approved removal as required by the *Town of Markham, Tree Preservation By-Law 2008-96*.

2) Methods:

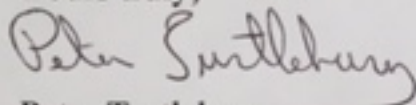
- a) An on-site inspection was made on October 15, 2016. The sizes of individual tree was measured at breast height (dbh), breast height being 1.37 metres from ground level.
- b) The location of the tree is indicated on the Site Plan. Further details are indicated on the "Guide to Judging Plant Condition". From the data collected Tree species and dbh cm. are recorded. Recommendations and future on site are noted.

3) Discussion:

- a) Honey-Locust (*Gleditsia tricanthos* L.) 49 cm. dbh
- b) Details are indicated in the "Plant Condition Chart"
- c) The tree that needs to be removed is over 20 cm. DBH.
- d) The rating of the tree is rated at 13, giving a poor condition.

- e) The tree has poor structural shape (A weak branch union on the main stem located approximated 8 metres above ground) There is a strong chance that this union may fail during high winds/ snow load conditions. When they do fail, there will be property damages to the house and neighbors house/people.
- f) There are no species listed pursuant to the *Endangered Species Act 2007*.

Yours truly,



Peter Turtlebury

Licensed Arborist

Trade Certificate 444A-364357

Cell: (416) 717-9315

ATTACHMENTS

- Site Photos
- Arboriculture Evaluation Methods Factor Ratings
- Guide to Judging Plant Conditions
- Site Map

REFERENCES

- a) Town of Markham. Tree Preservation By-Law 2008-96
- b) Council of Tree Landscape Appraisers 2000,
Guide for Plant Appraisal. 9th Edition,
International Society of Arboriculture.

ARBOR KNOT TREE SERVICE

ARBORICULTURAL EVALUATION METHOD FACTOR RATINGS

For each of the following plant factors, a rating from 1 to 5 will be given. High numbers indicate a high rating. One number will be given for each factor. The items listed under each factor are to be considered in arriving at a rating for each factor.

S – item is primarily structural

H – item is primarily health

S,H – item may involve both structural and health

A rating of "5" indicates no problems found having done a root – collar inspection and/or climbing the tree to inspect the trunks and major limbs.

The condition of the tree will be based on total points as based on the following chart.

TOTAL POINTS	CONDITION	RATING
23 – 25	Excellent	90 – 100
19 – 22	Good	70 – 89
15 – 18	Fair	50 – 60
11 – 14	Poor	25 – 49
05 – 10	Very Poor	05 – 24

Honey-hocust

49 dbH (cm.)

FACTORS

CONDITION POINTS

1 ROOTS

Root Anchorage	S	No Problem	5
Confined Relative to top	S	No Apparent problem(s)	4
Collar Soundness	S H	Minor problem(s)	3
Mechanical injury	S H	Major problem(s)	2
Girdling or knirked roots	S H	Extreme problem(s)	0 or 1
Compaction or water-logged roots	Grade above root flare		
Toxic gases & chemical symptoms			
Presence of insects or disease			

2 TRUNK

Sound bark & wood, no cavities	S H	No problem	5
Upright trunk (well tapered)	S	No Apparent problem(s)	4
Mechanical or fire injury	S H	Minor problem(s)	3
Cracks - frost, etc.	S H	Major problem(s)	2
Swollen or sunken areas	S H	Extreme problem(s)	0 or 1
Presence of insects or disease	H		

3 SCAFFOLD BRANCHES

Strong Attachments	S	No problem	5
smaller diameter than trunk		No Apparent problem(s)	4
Vertical branch distribution		Minor problem(s)	3
Free of included bark		Major problem(s)	2
Free of decay and cavities	S H	Extreme problem(s)	0 or 1
Well pruned, no severe heading back	S H		
Well proportioned - tapered, laterals along branches	S		
Wound closure	H		
Amount of dead wood or fire injury			
Presence of decay, insects or diseases	H		

4 SMALLER BRANCHES & TWIGS

Vigor of current shoots, compared to that of 3-5 previous years	H	No problem	5
Well distributed through canopy	H	No Apparent problem(s)	4
Normal appearance of buds - color, shape & size for species		Minor problem(s)	3
Presence of weak or dead twigs	H	Major problem(s)	2
Presence of insects or disease	H	Extreme problem(s)	0 or 1

5 FORAGE

Normal appearance - size & colour		No problem	5
Nutrient deficiencies		No Apparent problem(s)	4
Herbicide, chemical or pollutant injury symptoms		Minor problem(s)	3
Wilted or dead leaves		Major problem(s)	2
Presence of insects or diseases		Extreme problem(s)	0 or 1

13

125 Tillman Circle, Markham.

October 29
2016

