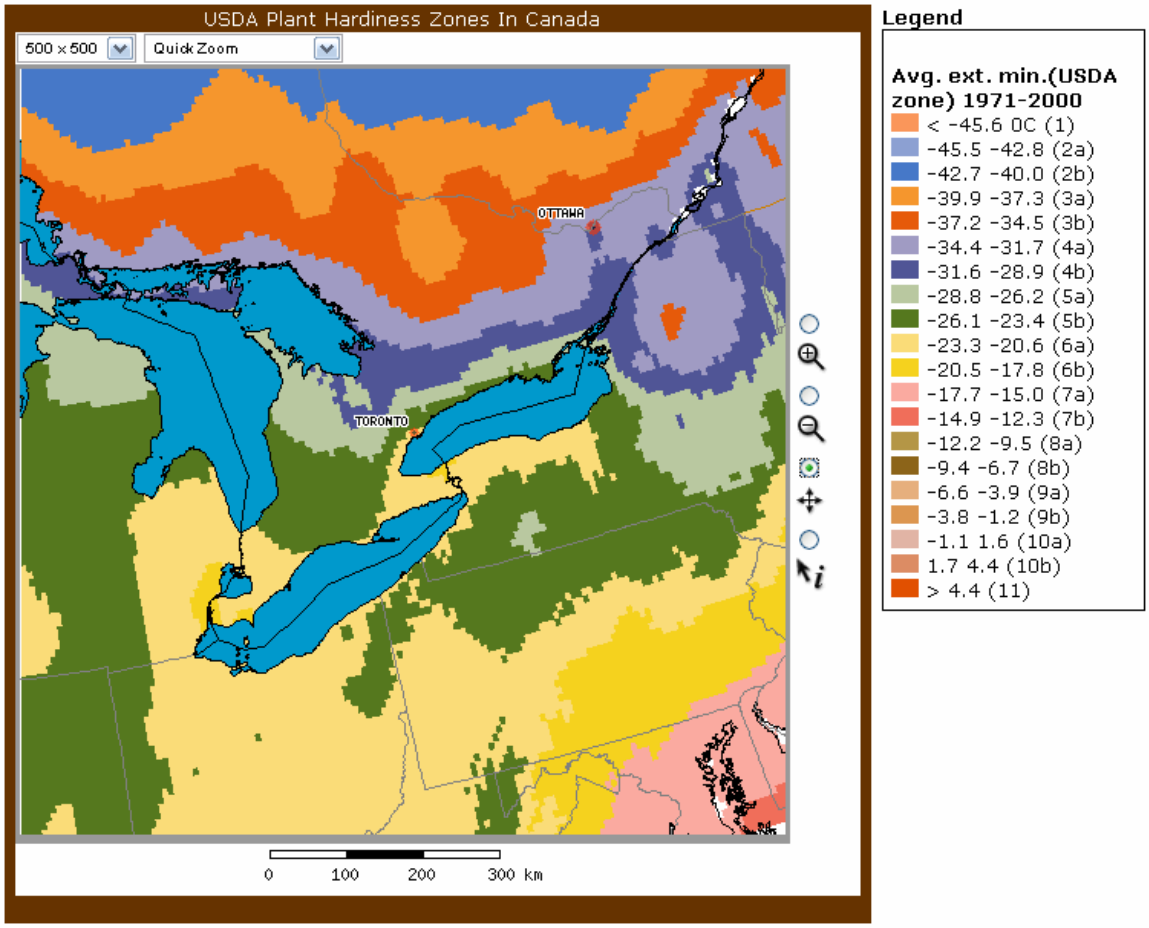
Appendix 3: Non-native trees that will do well in the urban environment

Common Name	Latin Name	USDA Hardiness zones	Reason for planting	Height	Moisture	Soil	Light	Things to consider
Hedge Maple	*Acer campestre*	5-8	Tolerates urban conditions, dry soil, compaction and air pollutants. No serious pests or diseases	10-15 m	dry, moist, well-drained	clay, loam, sand	full sun, partial sun/shade	
Amur Maple	*Acer freemanii*	3-9	Strong branching less susceptible to storm damage than silver maple	10 m	moist, dry	clay, loam, sand	full sun, full shade	
Gingko	*Gingko biloba*	3-8	Thrives in a wide range of soils, tolerant of urban stresses; tolerates salt and wind.	25 m	dry, moist, well-drained	clay, loam, sand	full sun	
London plane	*Platanus x acerifolia*	5-9	Tolerates pollution and limited root space	20-40 m	dry, moist, well-drained	clay, loam, sand	full sun	
Common Horsechestnut	*Aesculus hippocastanum*	4-7	Tolerants urban conditions, compaction, salt and pH adaptable	25 m	moist, well-drained	clay, loam, sand	full sun, partial sun/shade	There is already 3% of this species
Amur corktree	*Phellodendron amurense*	3-7	Does well on many types of soils, tolerates drought and pollution, pH adaptable. Spreading root system	7-12 m	dry, moist, well-drained	clay, loam	full sun	
Austrian Pine	*Pinus nigra*	4-7	Drought and salt resistant. Tolerates a wide variety of soils	20 m	moist to dry soil	clay, loam, sand	full sun to partial shade	

Appendix 4: USDA Plant Hardiness Zones in Canada



[81]

[81] Natural Resources Canada, *USDA Plant Hardiness Zones in Canada*, retrieved from: www.nrcan-rncan.gc.ca, viewed on 13.12.07

Appendix 5: Inspection List

Street	Housenumber	Tree ID	Dead or broken branch	Poor Branch attachment	Lean	Rot cavity, trunk	Crack	Priority
Willcocks	90	00346			3			high
Willcocks	90	00344			3			high
Willcocks	94	00342			3			high
Willcocks	94	00340			3			high
Willcocks	100	00335			3			high
Willcocks	96	0032					3	high
Willcocks	82	00313					3	high
Willcocks	98	0031					3	high
Spadina	604/606	00357			3			high
Spadina	604/606	00356	3		3			high
Spadina	602	00354			3			high
Spadina	620	003108					3	high
Robert	66	008132				3		high
Robert	212	00748	2		3			high
Robert	250	0074	2		3			high
Robert	318	006123	3		3	3		high
Robert	111	003241					3	high
Major	134	01116					3	high
Major	41	00881	3	3				high
Major	159	0086	3	3				high
Major	147	00814	3		3			high
Lippincott	232	02345			3			high
Lippincott	358	02219	3		3			high
Lippincott	358	02218	3		3			high
Lippincott	358	02217	2		3			high
Lippincott	360	02210	2		3			high
Lippincott	345	01747			3			high
Lippincott	337	01739			3			high
Lippincott	339	01737			3			high
Lippincott	341	01733			3			high
Lippincott	341	01732			3			high
Lippincott	341	01726			3			high
King Edward		361531					3	high
Harbord	150	01021	2	3				high
Harbord	154	0101	3				3	high
Harbord	126	00740				3	3	high
Harbord	128	00738			3			high
Harbord	128	00737			3			high
Harbord	128	00736			3			high
Harbord	130	00735			3			high
Brunswick	80	01668					3	high
Brunswick	62	016140			3			high
Brunswick	164	01556					3	high
Brunswick	101	01272			3			high
Brunswick	25	01219					3	high

Brunswick	127	01194	2		3			high
Brunswick	269	00964	2			3		high
Borden	75	01631			3			high
Borden	147	0156			3			high
Borden	288	017141			3			high
Borden	296	017105			3			high
Borden	105	01533	3				3	high
Bathurst	653	02377			3			high
Willcocks	98	0031	2					medium
Sussex	84	0061	3					medium
Robert	172	008175	2					medium
Robert	95	003238	3					medium
Major	156	01137	3					medium
Major	128	01125	3					medium
Major	114	011121	2					medium
Major	114	011120	2					medium
Major	214	01094	2					medium
Major	206	01086	2					medium
Major	23	00885	2					medium
Major	33	00884	2					medium
Major	77	00871	3					medium
Major	189	00725	2					medium
Major	275	006132	2					medium
Lippincott	244	02395	3					medium
Lippincott	244	02394	3					medium
Lippincott	266	0233	2					medium
Lippincott	360	0229	2					medium
Lippincott	372	0224	3					medium
Lippincott	parking lot	01745	3					medium
Lippincott	325	01712	3					medium
Lippincott	341		3					medium
Lennox	Central Tech	0183	3					medium
Lennox	Central Tech	0182	2					medium
Lennox	Central Tech	0181	3					medium
Lennox	2	0173	3					medium
Harbord CI		37842	2					medium
College alley		008116	2					medium
College	310	08899	2					medium
Brunswick	86	01651	2					medium
Brunswick	82	016174	2					medium
Brunswick	128	01198	2					medium
Brunswick	135	01161	2					medium
Brunswick	219	01062	2					medium
Brunswick	185	0105	3					medium
Borden	284	017132	3					medium
Borden	284	017121	3					medium
Bloor	563	02221	3					medium
Robert	127	003210		3				low
Major	247	006172				3		low

Lippincott	232	02342				3		low
Lippincott	372	0223				3		low
King Edward		36151				3		low
Central Tech		370286		3				low
Brunswick	148	01559				3		low
Brunswick	121	011105		3				low
Borden	294	01771		3				low

Appendix 6: City of Toronto: "The Agreement for Contractors to Perform Arboricultural Services on City Owned Street Trees"

TORONTO

Parks, Forestry & Recreation — Urban Forestry

Information About: The Agreement for Contractors to Perform Arboricultural Services on City Owned Street Trees

Through adoption of the report entitled "Standardized Forestry Policies" on May 9, 2000, City Council approved the consolidation of various policies of the seven former municipalities to provide consistency across the City. With the subsequent passing of a harmonized Street Tree By-law 388-2000, which was later incorporated into the City of Toronto Municipal Code, Urban Forestry is better able to streamline its processes, procedures, forms and general administration. City of Toronto Municipal Code Chapter 813, Trees, Article II regulates the planting, care and maintenance, protection, preservation and removal of trees on City highways/roads or street allowances with the goal of achieving a sustainable urban forest.

Purpose of the Agreement

Upon receipt of a request for maintenance of a City owned street tree by an adjacent property owner, Urban Forestry will determine what work if any, is required and confirm this with the property owner. If it is determined that maintenance is required, the work will be scheduled to be completed by Urban Forestry as part of the City's routine tree maintenance program. Unless the work is deemed to be an emergency, property owners may experience a delay in receiving maintenance service due to the City's tree maintenance backlog.

The "Agreement for Contractors to Perform Arboricultural Services on City Owned Street Trees" enables a property owner to contract standard tree maintenance work to a City approved tree service company (at their own expense). This option is made available in the event that the property owner wishes to expedite a request for standard tree maintenance and avoid waiting for City Forestry crews to conduct the required tree work.

The Process

If at your own expense, you wish to have a private tree service company (contractor) perform standard maintenance on a City owned tree adjacent to your property, Urban Forestry requires that you submit a completed "Agreement for Contractors to Perform Arboricultural Services on City Owned Street Trees".

Where Urban Forestry staff confirms that tree maintenance is necessary, Urban Forestry will consider allowing a private contractor to do the following work:

- Prune trees in accordance with the following general standards
  - i. to encourage the health of a tree;
  - ii. according to proper arboricultural standards to clear tree limbs and branches interfering with structures, street lighting, pedestrian and vehicular traffic, utility conductors and traffic signals or signs;
  - iii. to encourage the natural form of the tree species;
  - iv. to remove dead limbs; and
  - v. to maintain structural stability and balance of a tree.
- Remove trees which are dead, structurally hazardous, no longer viable to maintain in a healthy and safe condition, or where it is proven that a tree is causing or likely to cause structural damage to a load bearing structure (i.e., a building foundation).
- Remove stumps
- Apply an approved fertilizer.

Note: Where approval is granted for a contractor to perform work, the contractor is responsible for all site cleanup, appropriate disposal of any and all waste material, back filling excavations with appropriate material, and leaving the tree in a safe state.

How Will Approval for Tree Work Be Granted?

The agreement which includes Schedule "A" and the Certificate of Insurance, must be completed in its entirety by the property owner and the contractor as applicable. Each tree must be identified by species and size and the work that is proposed to be done must be clearly identified and described. All Utility clearances as applicable must also be obtained by the contractor and provided to Urban Forestry upon request.

Upon receipt of a completed agreement which includes a description of maintenance activities satisfactory to Urban Forestry and the required utility clearances, Urban Forestry may grant approval for the contractor to undertake the work.

The Supervisor of Tree Protection and Plan Review will approve the work by signing and dating the agreement in the space provided. The property owner will be provided with a copy of the approved agreement as proof of leave to undertake the described work. The property owner and/or contractor must provide 48 hours notice to the Supervisor of Tree Protection and Plan Review prior to undertaking the approved work.

Where Do I Send the Agreement for Approval?

Please submit your completed agreement to: City of Toronto, Parks, Forestry and Recreation Division – Urban Forestry Branch at the applicable office as noted below.

Toronto & East York District

Urban Forestry, Tree Protection and Plan Review
50 Booth Avenue
Toronto, Ontario
M4M 2M2

Telephone: 416 392-7391
Fax: 416 392-7277

North York District

Urban Forestry, Tree Protection and Plan Review
5100 Yonge Street, 3rd Floor
Toronto, Ontario
M2N 5V7

Telephone: 416 395-6670
Fax: 416 395-7886

Etobicoke York District

Urban Forestry, Tree Protection and Plan Review
441 Kipling Ave.
Toronto, Ontario
M8Z 5E7

Telephone: 416 338-6596
Fax: 416 394-5406

Scarborough District

Urban Forestry, Tree Protection and Plan Review
70 Nashdene Road
Toronto, Ontario
M1V 2V2

Telephone: 416 338-5566
Fax: 416 396-4248

TORONTO

Parks, Forestry & Recreation | Urban Forestry

Agreement for Contractors to Perform Arboricultural Services on City Owned Street Trees

The City of Toronto Municipal Code Chapter 813, Trees, Article II regulates the planting, care, maintenance, and protection of trees on City Highways/Roads or street allowances and, through its associated policies, ensures the sustainability of the urban forest. The General Manager of Parks, Forestry & Recreation is authorized to care for and maintain or cause to be cared for and maintained, any trees located on any City Street. The General Manager may authorize work to be performed on City owned street trees by an approved professional contractor that has been retained by an adjacent private property owner.

In consideration of the permission granted herein by the City of Toronto for the undersigned qualified contractor to undertake work on City trees as set out in Schedule "A" attached hereto, the Contractor and the undersigned property owner acknowledge and agree as follows:

1. The property owner(s) signing below is/are the registered owner(s) of the property municipally known as _____.
   (please insert address including postal code)
2. The property owner acknowledges and agrees that all work is to be undertaken and completed at the property owner's sole risk and expense and that there shall be no compensation, remuneration or reimbursement by the City of Toronto. All contractors must be pre-approved by the City.

3. The Contractor acknowledges and agrees that all work is to be undertaken and completed at the sole expense of the property owner. All agreements for payment shall be as between the contractor and the property owner and the Contractor shall receive no compensation, remuneration or reimbursement by the City of Toronto whatsoever.

4. All work must be authorized by and undertaken in accordance with the directions of the Supervisor of Tree Protection and Plan Review. Notification must be provided to the Supervisor of Tree Protection and Plan Review at least forty-eight (48) hours prior to the commencement of work by calling (416) 338-TREE (8733).

5. The Contractor will under no circumstances, work on or near energized apparatus unless express written approval has been given by Toronto Hydro and or Ontario Hydro as applicable. Confirmation of approval given by Toronto Hydro must be provided to the Supervisor of Tree Protection and Plan Review upon request, prior to the commencement of work. Based on the description of proposed work as set out in Schedule "A", the Contractor will arrange for all necessary utility clearances including hydro, gas, water and sewage, telephone and cable, and provide clearance receipts to the Supervisor of Tree Protection and Plan Review prior to the commencement of work.

6. The Contractor shall be qualified to perform all work and shall carry out all work in a good and professional workmanlike manner in accordance with the City's latest standards and requirements and all other legislative requirements including without limitation, the Electrical

Utility Safety Association Rules, the Occupational Health and Safety Act, the Highway Traffic Act and the Workers Compensation Act. The Contractor shall obtain all necessary permits and licenses and pay all required fees and shall also provide all notices as required by law or policy prior to commencement of the work

7. The Contractor will prune trees according to the following general standards:

   (i) To encourage the health of a tree;
   (ii) According to proper arboricultural standards to clear tree limbs and branches interfering with structures, street lighting, pedestrian and vehicular traffic, utility conductors and traffic signals or signs;
   (iii) To encourage the natural form of the tree species;
   (iv) To remove dead limbs; and
   (v) To maintain structural stability and balance of a tree.

8. The Contractor shall provide proof of Workers Compensation and proof of insurance in the form of the attached Certificate of Insurance.

9. The City of Toronto assumes no liability for any damages or injury that may occur during, as a result of, or in connection with the work undertaken by the Contractor. The Contractor will indemnify and save harmless the City of Toronto from all claims for damages or injuries that may occur during this work. If the work as specified should fail to be completed or shall be completed in an improper manner or a manner unsatisfactory to the City, the City may undertake the work and shall require all costs related to its completion to be paid forthwith by the property owner or the contractor. In default of payment, the City may recover the costs incurred in a like manner as municipal taxes.

10. The Owner hereby waives any claim whatsoever that the Owner may have against the City of Toronto that may arise as a result of the permission being granted for the work herein described to be undertaken on the street tree adjacent to the Owner's property and the Owner hereby agrees to indemnify and save harmless the City of Toronto against all actions suits, claims and demands whatsoever which may be brought against or made upon the City and from and against all loss, costs, damages, charges and expenses whatsoever which may be incurred, sustained or paid by the City for or by reason of or on account of the permission hereby granted.

Name of Property Owner(s): _____
(please print)

I/We am the Registered Owner of _____
(please insert address)

Signature: _____ Witness: _____

Name of Contractor (corporation/company): _____

Name of Signing Officer: _____
(please print)

Signature: _____ Witness: _____
(required if Contractor is not incorporated)

I/We have authority to bind the corporation/company.

SCHEDULE "A"

Agreement for Contractors to Perform Arboricultural Services on City Owned Street Trees

Notification to be forwarded 48 hours prior to work

Date: _____ Anticipated Date of Work: _____

Name of Property Owner(s): _____
(print name)

Address: _____
(please include postal code)

_____ Phone: ( ) _____ Fax: ( ) _____

Name of Contractor (Company): _____

Address: _____ Phone: ( ) _____ Fax: ( ) _____

Description of Each Tree(s) (Species & Diameter in cm): _____

_____

Description of Work: ☐ standard pruning ☐ tree removal ☐ stumping ☐ fertilization ☐ other (please specify)

_____

_____

Utility Clearance Obtained (check all applicable): ☐ Toronto hydro ☐ Ontario hydro ☐ bell ☐ gas ☐ water ☐ cable tv

Insurance Declaration

The Contractor must provide the City of Toronto with a certificate of general liability insurance, on the City's standard form, valid for the work period with an available limit of liability of not less than Two Million ($2,000,000) Dollars in which the City of Toronto has been added as an additional insured. Without limiting the generality of the foregoing, such liability insurance shall contain provisions for cross liability and severability of interests and further that the policy will not be changed or amended in any way or cancelled until thirty (30) days after written notice of such change or cancellation shall have been given to the City.

The Contractor must provide the City of Toronto with a certificate of insurance evidencing Standard Automobile Liability, provided that the policy is in the amount of at least One Million ($1,000,000.00) Dollars for each occurrence.

The Contractor agrees to waive any claim whatsoever that it may have against the City of Toronto that may arise as a result of permission granted for work on the street tree(s) adjacent to the above property.

The Contractor also agrees to fully indemnify and save harmless the City of Toronto against all actions, suits, and claims and demands whatsoever which may be brought against or made upon the City and from and against all loss, costs, damages, charges and expenses whatsoever which may be incurred, sustained or paid by the City for or by reason of or on account of the permissions hereby granted.

Worker's Safety and Insurance Board No.: _____
(Worker's Compensation Number)

Signed By: _____ Witness: _____
(Contractor's signature) (required if Contractor is not incorporated)

Date: _____

I/We have authority to bind the corporation/company.

FOR OFFICE USE ONLY Date: _____

Approved by Parks & Recreation: Name(print):_____ Signature: _____

TORONTO

CERTIFICATE OF INSURANCE

(To be completed only by the Insurer or its representative)

1. **Name of Insured**	2. **Address & Telephone # of Insured**

3. **Operations of Named Insured for which certificate is issued:**

(NOTE: Provide specific project information including the Toronto contract number)

4. **Commercial General Liability**

Insuring Company	Policy Number	Policy Limit(s)	Effective Date	Expiry Date

5. **Policy Provisions/Amendments/Endorsements**

A. Commercial General Liability is extended to include Personal Injury Liability, Broad Form Contractual Liability, Owner's and Contractor's Protective Coverage, Twelve (12) Months Completed Operations Coverage, Contingent Employers Liability, Non-Owned Automobile Liability and, if applicable to the insured operations as detailed in Item 3, coverage for blasting, pile driving and collapse.

B. The CITY OF TORONTO, ITS BOARDS, AGENCIES, COMMISSIONS OR SUBSIDIARY OPERATIONS, AS APPLICABLE, and all sub-contractors have been named as Additional Insureds but only with respect to liability arising out of the operations of the Insured for which a Contract is issued by the City of Toronto.

C. The Commercial General Liability Policy(ies) identified above shall protect each insured in the same manner and to the same extent as though a separate policy has been issued to each, but nothing shall operate to increase the Limits of Liability as identified above beyond the amount or amounts for which the Company would be liable if there had been only one Insured.

D. The Commercial General Liability Policy(ies) identified above shall apply as primary insurance and not excess to any other insurance available to any of the Additional Insureds as set out in Item 5B.

E. If cancelled or changed to reduce the coverage outlined on this Certificate during the period of coverage as stated herein, thirty (30) days, (fifteen (15) days if cancellation is due to non-payment of premium), prior written notice by registered mail will be given by the Insurer(s) to the CITY OF TORONTO at the address provided for notice and communication in the Contract between the Insured and the City of Toronto.

6. **Automobile Liability (if applicable): Please note Sections A to D do not apply to this policy**

Insuring Company:	Policy Number:	Policy Limit(s):	Effective Date:	Expiry Date:

CERTIFICATION

I certify that the insurance is in effect as stated in this Certificate and that I have authorization to issue this Certificate for and on behalf of the Insurer(s). This Certificate is valid until the expiration date(s) shown in Item 4 (and Item 6 if applicable) unless notice is given in writing in accordance with Item 5E.

Date	Broker's Name and Address	Signature & Stamp of Certifying Official

Appendix 7: List of species provided for free by the City of Toronto Urban Forestry Department

Please fill out and return this form to request your free tree

The owner may choose two species and list them in order of preference.
Requests are filled subject to species availability and suitability to the site.
Trees will be planted during the earliest possible spring or fall planting season that is appropriate for the selected species.

Date _____ Telephone (____) _____

Owner's Name _____ Owner's Signature _____

Address _____ ☐ Ave. ☐ St. ☐ Rd. ☐ Blvd. ☐ Dr. ☐ Cres. ☐ Pl. ☐ Gdns.

First choice _____

Second choice _____

08-2007 PS

Detach and return

Would you like a free tree?

Urban Forestry plants trees on City street allowances fronting residential properties free of charge.
Please help us to keep Toronto green!
Please fill out and mail the attached form to:

City of Toronto
Urban Forestry
18 Dyas Road, 1st Floor
Toronto, Ontario M3B 1V5

For more information regarding a free tree on City property, please call: **(416) 338-TREE**

What trees do for us.

Trees provide many benefits. They:

- reduce cooling and heating costs.
- filter air pollution.
- generate oxygen, absorb CO_2, SO_2 and other harmful pollutants.
- cool streets and provide shade in summer and protect us from winds in the winter.
- increase property values.
- reduce storm water run-off and the cost of water treatment.
- provide habitat for birds and other fauna.
- add living beauty to Toronto's neighbourhoods.

Please encourage others in your neighbourhood to call us for a free tree and contribute to the greening of your street.

Choosing a tree.

This brochure lists 36 trees from which to choose.
They are listed in 4 categories.
Native to Southern Ontario (SOn)
Native to North America (NAm)
Import from Europe and Asia (EA)
Hybrids (H)

Trees that are native to Southern Ontario are trees that have grown here since before European settlement. They are trees that are well adapted to the soil and climate conditions found in this area. They are also native to areas of north-eastern United States with similar conditions.

Trees listed as native to North America are trees found further south in central and north-eastern United States as part of the Carolinian Forest region.

The climate along the north shore of Lake Erie and as far north as Toronto is sufficiently temperate that it is considered just within the northern edge of the Carolinian Forest region. Consequently there are a number of trees, native to North America, principally from the Carolinian Forest region, that can be found in the Toronto area.

As a result of climate change we believe the Toronto area will be increasingly able to support the growth of those tree species that are more typically found further south. These trees will play an important role in our future urban forest. These trees will increase the diversity of our urban forest. A diverse species mix is essential to sustaining a beautiful and healthy urban forest.

It is strongly recommended that you choose a tree native to Southern Ontario if you live near a ravine, wooded area or parkland.

Urban Forestry plants many other species not listed in this brochure. However trees represented here are all medium to large growing shade trees. This reflects the City's efforts to increase the tree canopy over our neighbourhoods in order to achieve the many benefits that the urban forest provides.

Find out more about your tree.

The trees illustrated in this brochure are identified by their common name and also by their scientific latin name. To find out more about the tree you are interested in, we recommend you search the internet using the latin name. This will provide you with the most direct and complete information about the tree you are considering.

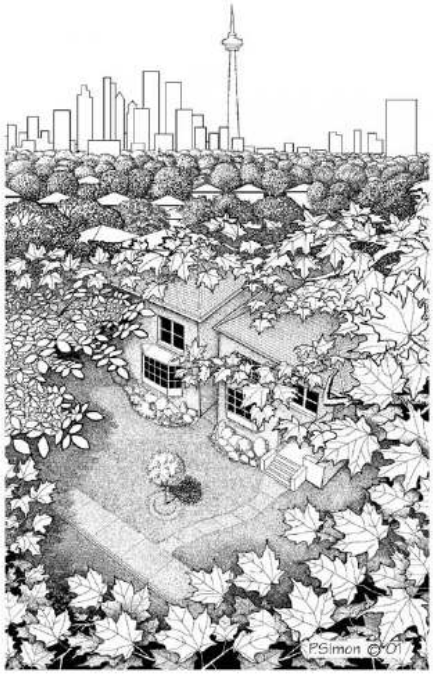
When will my tree be planted?

Trees are planted either in the spring or fall.
Most trees are best planted in the spring however some can be planted in both spring and fall. Your tree will be planted at the earliest appropriate season.
Scheduling of your tree for planting will be dependant on when your request is received and the availability of the selected species.

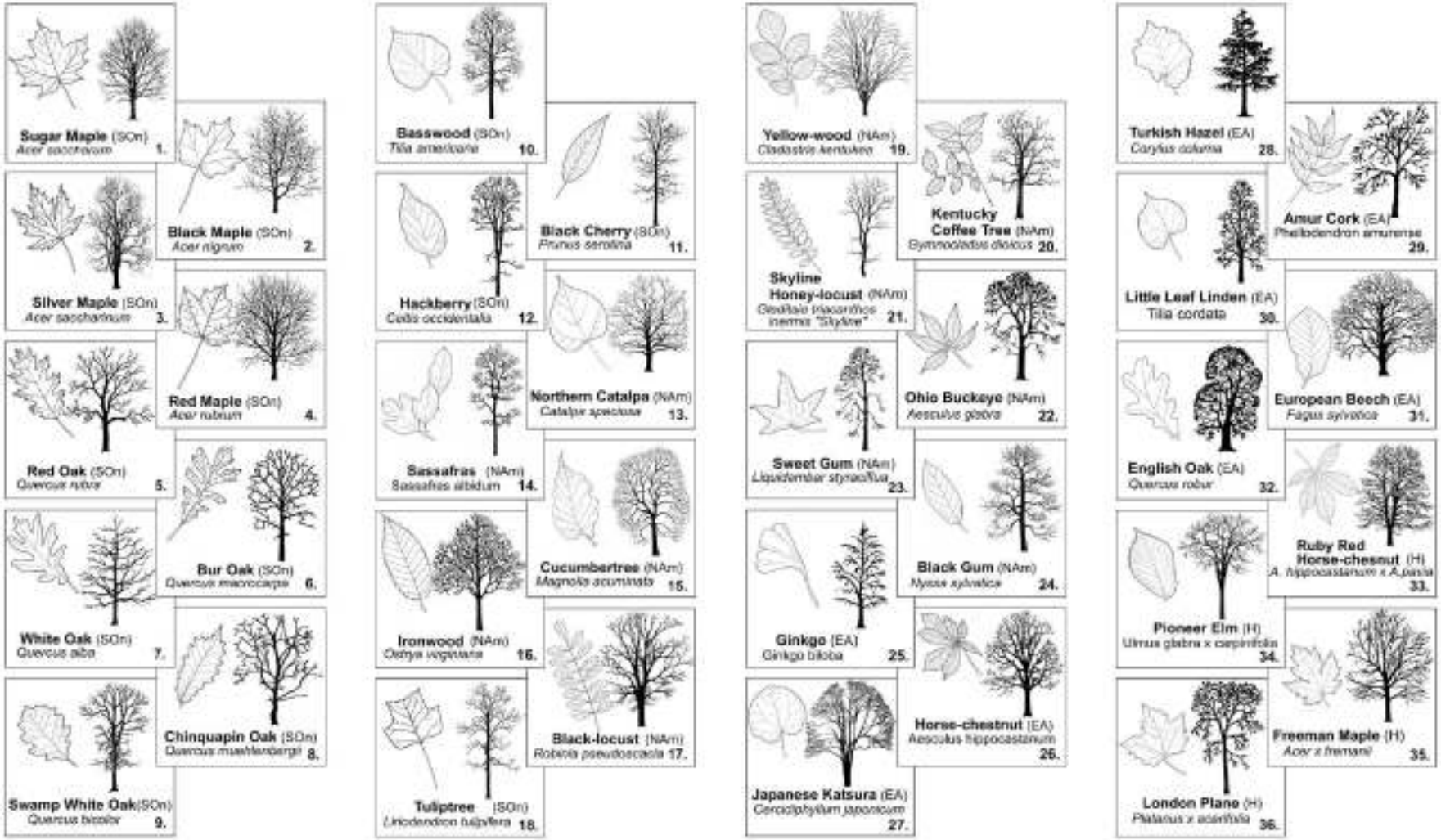
Source: • Trees in Canada
• Manual of Woody Landscape Plants
• Native Trees of Canada

Help keep
our Urban Forest
growing.

Let us plant a tree.



TORONTO Parks, Forestry and Recreation


Sugar Maple (SOn)
Acer saccharum
1.
Black Maple (SOn)
Acer nigrum
2.
Silver Maple (SOn)
Acer saccharinum
3.
Red Maple (SOn)
Acer rubrum
4.
Red Oak (SOn)
Quercus rubra
5.
Bur Oak (SOn)
Quercus macrocarpa
6.
White Oak (SOn)
Quercus alba
7.
Chinquapin Oak (SOn)
Quercus muehlenbergii
8.
Swamp White Oak (SOn)
Quercus bicolor
9.
Basswood (SOn)
Tilia americana
10.
Black Cherry (SOn)
Prunus serotina
11.
Hackberry (SOn)
Celtis occidentalis
12.
Northern Catalpa (NAm)
Catalpa speciosa
13.
Sassafras (NAm)
Sassafras albidum
14.
Cucumbertree (NAm)
Magnolia acuminata
15.
Ironwood (NAm)
Ostrya virginiana
16.
Black-locust (NAm)
Robinia pseudoacacia
17.
Tuliptree (SOn)
Liriodendron tulipifera
18.
Yellow-wood (NAm)
Cladastris kentukea
19.
Kentucky Coffee Tree (NAm)
Gymnocladus dioicus
20.
Skyline Honey-locust (NAm)
Gleditsia triacanthos inermis "Skyline"
21.
Ohio Buckeye (NAm)
Aesculus glabra
22.
Sweet Gum (NAm)
Liquidambar styraciflua
23.
Black Gum (NAm)
Nyssa sylvatica
24.
Ginkgo (EA)
Ginkgo biloba
25.
Horse-chestnut (EA)
Aesculus hippocastanum
26.
Japanese Katsura (EA)
Cercidiphyllum japonicum
27.
Turkish Hazel (EA)
Corylus colurna
28.
Amur Cork (EA)
Phellodendron amurense
29.
Little Leaf Linden (EA)
Tilia cordata
30.
European Beech (EA)
Fagus sylvatica
31.
English Oak (EA)
Quercus robur
32.
Ruby Red Horse-chesnut (H)
A. hippocastanum x A.pavia
33.
Pioneer Elm (H)
Ulmus glabra x carpinifolia
34.
Freeman Maple (H)
Acer x freemanii
35.
London Plane (H)
Platanus x acerifolia
36.

Appendix 8: Nurseries

Acorus Restoration Native Plant Nursery
Grows 100% local source plants from seed they have collected themselves.Established in 1995.
Address: Walsingham, ON, N0E 1X0,
Phone: 519-586-2603
Fax: 519-586-2447
Email: info@ecologyart.com
http://www.ecologyart.com

Brookdale Treeland Nurseries Limited
Choise between fieldgrown and containergrown.
Address: 6050 17th Sideroad, Schomberg, L0G 1T0
Phone Toll Free: 1-800-668-5116
Phone Local: 905-859-4571
Fax: 905-859-4172
http://www.btn.on.ca/Index.html

Environs Nurseries
All fieldgrown, in zone 6B. Trees range in size from 2 to 4 inches in caliper (50mm to 100mm). Evergreens range in size from 4 to 13+ feet (125cm to 400cm) in height, Ornamental Shrubs range in size from 3 to 10 feet (100cm to 300cm) in height.
Address: 1610 3rd Concession, St. Williams, Ontario, N0E 1P0,
Phone: 519-586-7298,
Fax. 519-586-9065
Email: info@environsnursery.com
http://www.environsnursery.com/

Humber Nurseries Ltd
Ontario's largest garden centre with a large selection of tress, shrubs and evergreens.
Address: 8386 Hwy. 50, Brampton, Ontario, L6T 0A5
Phone: 416-798-8733,
Fax: 905-794-1311
Email: humber@gardencentre.com
http://www.gardencentre.com/default.asp

Sheridan Nurseries
Sheridan nurseries have been involved in innovative community projects in Toronto, and other places in Ontario. They have been responsible for the introductions of several varieties of trees.
Address: RR#4 12302 10th Line, Georgetown, L7G 4S7
Phone: 416-798-7970
Fax: 905-873-2478
http://www.sheridannurseries.com/

Connon Nurseries
Growers, wholesalers and retailers of plants and garden products in Ontario for 100 years.
Address: Waterdown Garden Centre, 383 Dundas St. East, Waterdown, L0R 2H0
Phone: 905-689-4631
Fax: 905-689-5481
Email: sales@connon.ca
http://www.connon.ca/index.php

Van Dongen's Nurseries
Wholesale/retail nursery. Carry both common and the uncommon plants. Their farm on Trafalger Road in Milton, Ontario is open to the public.
Address: 6750 Trafalger Square, Hornby, Ontario, L0P 1E0
Phone: 905-821-1281 (Missisauga)
Fax: 905-875-2060
Email: sales@vandongens.com
http://www.vandongens.com/index.htm

Ferguson Forest Centre
Not-for-profit corporation working to ensure the continuing supply of economical, quality nursery stock. Grow primarily native species. Choose between bare-root stock, container stock, potted stock.
Address: 275 County Rd. 44, R.R. #4, Kemptville, K0G 1J0,
Phone: 613-258-0110
Fax: 613-258-0207
Email: info@seedlingnursery.com
www.seedlingnursery.com

Kimdale Lane Tree Nursery
We are a small nursery specializing in fruiting shrubs and native woody plants. We grow from seed sources in Central Ontario.
Address: 106 Golden Mile Road, RR#5, Lindsay, K9V 4R5
Phone: 705-324-0479
Fax: 705-324-5611
Email: carl.kimmett@sympatico.ca

Urban Forest Associates Inc.
Ufora is an ecological restoration consulting firm. We grow seedling and small whip stock for use in their own projects. We make surplus stock available to other projects or individuals.
Address: 331 Linsmore Crescent, Toronto, M4J 4M1
Phone: 416-423-3387
Fax: 416-423-3387
Email: ufora@idirect.com
http://www.ufora.ca/

Appendix 9: List of potential heritage trees

Street	Tree ID	Housenumber	Species
Bathurst	02386	641	Manitoba Maple
Bathurst	02377	653	Manitoba Maple
Bloor alley	00965		Siberian Elm
Borden	01629	37	Russian Olive
Borden	0165	75	Little Leaf Linden
Borden	017134	290	White Birch
Borden	017106	296	Japanese Lilac
Borden	0189	Central Tech	Little Leaf Linden
Brunswick	012143	25	Little Leaf Linden
Brunswick	012153	25	Little Leaf Linden
Brunswick	012154	25	Little Leaf Linden
Brunswick	012155	25	Little Leaf Linden
Brunswick	01215	25	Red Oak
Brunswick	01220	25	Red Oak
Brunswick	01221	25	Red Oak
Brunswick	012150	25	Red Oak
Brunswick	012151	25	Red Oak
Brunswick	01696	28	Russian Olive
Brunswick	012190	45	Japanese Lilac
Brunswick	012184	45	River Birch
Brunswick	012185	45	River Birch
Brunswick	01689	46	Russian Olive
Brunswick	016129	58	Manitoba Maple
Brunswick	016130	58	Manitoba Maple
Brunswick	016146	58	Manitoba Maple
Brunswick	012112	69	European Ash
Brunswick	012100	77	Little Leaf Linden
Brunswick	016174	82	Common Pear
Brunswick	01285	99	Japanese Lilac
Brunswick	01541	108	Little Leaf Linden
Brunswick	011111	113	Siberian Elm
Brunswick	011110	115	Japanese Lilac
Brunswick	01197	127	Common Pear
Brunswick	01577	128	Siberian Elm
Brunswick	01151	135	Common Pear
Brunswick	01146	151	Red Oak
Brunswick	0104	179	Little Leaf Linden
Brunswick	0107	189	Little Leaf Linden
Brunswick	01063	219	Silver Maple
Brunswick	009126	261	Russian Olive
Brunswick	00922	277/275	Common Pear
Central Tech	370220		Japanese Lilac

Central Tech	370221		Japanese Lilac
Central Tech	370222		Japanese Lilac
Central Tech	370223		Japanese Lilac
Central Tech	370224		Japanese Lilac
Central Tech	37023		Japanese Lilac
Central Tech	370271		Red Oak
College	012157	340	Little Leaf Linden
Harbord	003208	89	Common Pear
Harbord	00739	124	Manitoba Maple
Harbord	01020	150	Manitoba Maple
Harbord	01021	150	Manitoba Maple
Harbord	01022	150	Manitoba Maple
Harbord	01023	150	Manitoba Maple
Harbord	01024	150	Manitoba Maple
Harbord	01025	150	Manitoba Maple
Harbord	02383	195	Siberian Elm
Harbord	02382	207	Siberian Elm
Harbord	02381	217	Siberian Elm
Harbord	01816	Central Tech	Red Oak
King Edward	361520		Russian Olive
King Edward	361521		Russian Olive
King Edward	361522		Russian Olive
Lennox	0176	6	Manitoba Maple
Lennox	0184	Central Tech	Little Leaf Linden
Lippincott	02351	222	Common Pear
Lippincott	02342	232	Choke Cherry
Lippincott	023101	236	Common Pear
Lippincott	023102	236	Common Pear
Lippincott	02329	254	Buckeye species
Lippincott	02216	358	Japanese Lilac
Lippincott	02217	358	Japanese Lilac
Lippincott	02218	358	Japanese Lilac
Lippincott	02219	358	Japanese Lilac
Lippincott	0227	358	Japanese Lilac
Lippincott	0228	358	Japanese Lilac
Lippincott	0222	370	Little Leaf Linden
Lippincott	02229	386	Little Leaf Linden
Lippincott	01743	parking lot	Japanese Lilac
Major	01248	56	Commmon Horsechestnut
Major	01253	72	Buckeye species
Major	01259	80	Japanese Lilac
Major	00858	97	Russian Olive
Major	00854	109	Manitoba Maple
Major	01113	128	White Birch
Major	01134	136	Russian Olive
Major	00813	147	Common Pear

Major	01123	160	Little Leaf Linden
Major	010146	190	Russian Olive
Major	01085	206	Japanese Lilac
Major	010101	216	Paper Birch
Major	010104	218	Colorado Spruce
Major	00711	225	Basswood
Major	00712	225	Basswood
Major	009133	236	Yellow Cedar
Major	00618	253	Common Pear
Major	009151	264	Japanese Lilac
Major	006165	265	Paper Birch
Major	00625	276	Russian Olive
Major	009163	276	Japanese Lilac
Major	009174	286	Manitoba Maple
Major	009173	288	Manitoba Maple
Robert	008132	66	Common Horsechestnut
Robert	008141	88	Common Horsechestnut
Robert	003237	95	Common Pear
Robert	003234	97	Manitoba Maple
Robert	03226	103	Common Pear
Robert	003245	111	Siberian Elm
Robert	003265	113	Common Pear
Robert	008150	114	Japanese Lilac
Robert	008160	136	Japanese Lilac
Robert	00748	212	Manitoba Maple
Robert	0074	250	Russian Olive
Robert	00691	256	Siberian Elm
Robert	00692	256	Siberian Elm
Robert	00644	272	Japanese Lilac
Robert	006114	300	Manitoba Maple
Robert	006130	320	Common Pear
Spadina	00355	602	Manitoba Maple
Spadina	003109	620	Japanese Lilac
Spadina	003110	620	Japanese Lilac
Spadina	003131	628	Little Leaf Linden
Spadina	003132	628	Red Oak
Spadina	003135	628	Little Leaf Linden
Spadina	003139	628	Red Oak
Spadina	00356	604/606	Manitoba Maple
Spadina	00357	604/606	Manitoba Maple
Spadina	00361	604/606	Manitoba Maple
Sussex	0062	84	Red Oak
Sussex	0067	84	Japanese Lilac
Willcocks	00318	76	Canadian Redbud
Willcocks	00311	84	Yellow Cedar
Willcocks	00312	84	Common Horsechestnut

Willcocks	00344	90	Manitoba Maple
Willcocks	00346	90	Manitoba Maple
Willcocks	00341	92	Japanese Lilac
Willcocks	0035	92	Russian Olive
Willcocks	00336	98	Manitoba Maple
Willcocks	00331	100	Little Leaf Linden

Appendix 10: Address of plantable spots

Street	Housenumber	Street	Housenumber
Borden	103,5	Robert	18
Borden	113	Robert	20
Borden	125	Robert	22
Lennox	2	Robert	38
Lennox	4	Robert	50
Lippincott	214	Robert	52
Lippincott	218	Robert	72
Lippincott	228	Robert	78
Lippincott	244	Robert	82
Major	27	Robert	86
Major	31	Robert	90
Major	58	Robert	102
Major	65	Robert	104
Major	91	Robert	108
Major	95	Robert	122
Major	107	Robert	156
Major	112	Robert	170
Major	120	Robert	284
Major	125	Robert	288
Major	161	Robert	282
Major	167	Brunswick	77
Major	176	Brunswick	83
Major	187	Brunswick	87
Major	191	Brunswick	119
Major	193	Brunswick	133
Major	195	Brunswick	139
Major	199	Brunswick	141
Major	209	Brunswick	143
Major	213	Brunswick	145
Major	219		
Major	279		
Major	130A		

Appendix 11: Map of plantable spots

Appendix 12: Neighbour*woods* Condition Ranking

Reduced Height

0	There are no signs that tree height has been reduced. Crown has not been topped or pollarded.
1	Less than 1/4 of the crown volume removed.
2	1/4 to 1/2 of the crown volume removed.
3	More than 1/2 of the crown volume removed

Unbalanced Crown

0	There are no signs that the crown is unbalanced or lopsided; crown normally developed.
1	Crown slightly asymmetrical due to restricted growing space or lack of light.
2	Crown is asymmetrical, unbalanced or lopsided.
3	Crown is severely asymmetrical to the point where it clearly places damaging stress on the main stem and/or root system.

Weak or Yellowing Foliage

0	Leaves normal size, color, and texture.
1	Leaves appear to be somewhat smaller than normal and/or pale in colour.
2	Leaves are significantly smaller than what is normal and /or pale foliage; thinning of foliage; the crown is significantly more transparent than typical for the species.
3	Leaves are dramatically smaller than normal and/or leaf colour is dramatically different; the crown is very transparent; the tree appears to be in a serious state of decline.

Crown Defoliation

0	Tree crown not defoliated except for minor twig defoliation, which is normal in a healthy tree.
1	Between trace amounts of defoliation and less than 1/4 of the crown having lost its leaves - crown slightly defoliated.
2	1/4 to 1/2 of the crown has lost its leaves - crown moderately defoliated.
3	More than 1/2 of the crown without leaves - crown severely defoliated.

Large Dead or Broken Branches

0	Tree does not have major dead branches; small branches within the inner crown should not be considered.
1	At least one dead or broken branch or stub greater than 7cm in diameter is present. Its diameter is less than 1/4 of the diameter of the next order branch or main stem at the point of attachment.
2	The tree has one or more dead or broken branches or stubs BUT its diameter is 1/4 to 1/2 of the diameter of the next order branch or main stem at the point of attachment.
3	The tree has one or more dead or broken branches or stubs which is (or was) a main branch (a scaffold branch. i.e. the diameter is more than 1/2 of the diameter of the main stem at the point of attachment).

Poor Branch Attachment (V-shaped Fork)

0	Branches properly attached, there are no signs of poor attachment.
1	A V-shaped union between a minor branch and the main stem (the diameter of the branch is 1/2 of the diameter, or less, than the branch or main stem where it is attached). There is no evidence of included bark, but the angle of the fork is such that there is a potential for this to appear as the tree grows. This category also includes epicormic shoots following topping, pruning or storm damage, etc.
2	As in 1, but the branch is more than 1/2 of the diameter of the branch or main stem where it is attached, and there is evidence of included bark but no breakage. This category also includes trees with epicormic shoots resulting from poor pruning or breakage, and multiple trunks or co-dominant stems. Multiple stems are trunks of equal size and/or relative importance arising from the base of the tree, co-dominant stems are major branches of similar diameter arising in the crown of the tree.
3	As in 2, but with evidence of a crack between the stems.

Lean

0	The tree is virtually vertically positioned over the base of the stem.
1	Slight or minor lean (< 15° from vertical) but no apparent danger.
2	Slight or minor lean (< 15° from vertical) with some evidence of root mounding or soil cracking on the side of the tree away from the lean.
3	Serious lean (>15° from vertical) with some evidence of root mounding or soil cracking on the side of the tree away from the lean.

Branch Scar

0	No major (first order) branches have scars
1	One or more major branch (es) has a scar(s) with a width totaling 1/8 to 1/4 the circumference, OR a scar less than 1/8 but more than 50 cm in length.
2	One or more major branch has a scar(s) with a width totaling 1/4 to 1/2 the circumference, OR 1/8 to1/4 the circumference but more than 50 cm in length.
3	One or more major branch has a scar(s) with a width totaling more than 1/2 the circumference of the stem, OR it is between 1/4 to1/2 the circumference but more than 50 cm in length.

Trunk scars

0	The main stem or trunk does not have any scars.
1	One or more scars with a width totaling 1/8 to 1/4 of the circumference, OR a scar less than 1/8 but more than 50 cm in length.
2	One or more scars with a width totaling 1/4 to 1/2 of circumference, OR 1/8 to1/4 the circumference but more than 50 cm in length.
3	One or more scars with a width totaling more than 1/2 of circumference of the stem, OR it is between 1/4 to1/2 the circumference but more than 50 cm in length.

Conks

0	The absence of conks
1	The presence of conks

Rot or Cavity - Trunk

0	Tree does not have any sign of rot or cavity in the trunk
1	Rot/cavity is 1/8 to 1/4 of the diameter of the trunk.
2	Rot or cavity is 1/4 to 1/2 of diameter of the trunk.
3	Rot or cavity is more than 1/2 of diameter of the trunk.

Rot or Cavity – Major Branch

0	**Tree does not have any sign of rot or cavity in any of the major (first order) branches**
1	**Rot/cavity is 1/8 to 1/4 of the diameter of the major branch.**
2	**Rot or cavity is 1/4 to 1/2 of diameter of the major branch.**
3	**Rot or cavity is more than 1/2 of diameter of the major branch.**

Cracks

0	Tree does not have major cracks either on trunk or major branches.
1	One minor crack extends into the stem, major stubs or a branch of significant size. A minor crack is one that enters the wood (not just in the bark) but does not extend more than ½ of the distance to the centre of the stem. No "Ram's Horn".
2	Two or more minor cracks occur in the same general area of the stem, but there are no other defects in contact with the cracks;
3	A crack(s) is in contact with another defect (e.g. rot, poor branch attachment, lean); Tree has one deep crack where one-half or more of the tree diameter is structurally compromised;; Crack(s) in the tangential (horizontal) plane.

Confined rooting space

0	No obstruction or conflicts are apparent in the area within the dripline of the tree.
1	An obstruction exists which would eliminate root development in an area less than 1/4 of the area within the dripline of the tree.
2	An obstruction exists which would eliminate root development in an area between 1/4 and 1/2 of the area within the dripline of the tree.
3	An obstruction exists which would eliminate root development in an area more than 1/2 of the area within the dripline of the tree.

Root trenching

0	There are no signs of root trenching or cutting within the rooting area.
1	Up to 1/4 of the root system has been cut during trenching or excavation.
2	Between 1/4 and 1/2 of the root system has been cut during trenching or excavation.
3	More than 1/2 of the root system has been cut during trenching or excavation.

Girdling roots

0	There are no signs of girdling roots.
1	1/8 to 1/4 of the diameter of the base of the trunk is restricted by girdling roots.
2	1/4 to 1/2 of the diameter of the base of the trunk is restricted by girdling roots.
3	More than 1/2 of the diameter of the base of the trunk is restricted by girdling roots.

Overhead Wires

N	There are no conflicts.
E	The branches of a tree are currently within 0.5 meters of electrical, telephone, or other wires.
P	At some point (within the inspection cycle), as the tree grows, such a conflict could occur.

Conflict with Structure

N	There are no conflicts
E	Tree is already touching the structure.
P	There is potential for the tree to come into contact with the structure within the next inspection cycle.

Conflict with Sidewalk

N	There are no conflicts.
E	The sidewalk already shows signs of being lifted by stem or root growth.
P	A tree's stem, at some point in its life, would be within 0.3 m of a sidewalk

Conflict with Trees

N	There are no conflicts.
E	The tree in question is currently touching the crown of another tree.
P	There is potential for existing conflict (E) to occur within the inspection cycle.

Conflict with Traffic Signs

N	There are no conflicts.
E	The tree in question is currently screening or touching the sign.
P	There is potential for existing conflict (E) to occur within the inspection cycle.