

**Replacement Tree Specifications**

**Trees 1-5, small trees at maturity (under hydro lines), or columnar, species suggestions include:**

- Serviceberry (*Amelanchier spp*)\*
- Eastern redbud (*Cercis canadensis*)
- Pagoda dogwood (*Cornus alternifolia*)
- Thornless Hawthorn (*Crataegus crus-galii*)
- Crabapple (*Malus spp*)
- Sour cherry (*Prunus cerasus*)
- Pear tree (*Pyrus calleryana*)
- Oakleaf mountain ash (*Sorbus thuringiaca*)
- Japanese lilac (*Syringa reticulata*)
- Aesculus glabra (Ohio buckeye) – produces large nuts

**Columnar species options include:**

- White pine (*Pinus strobus 'fastigiata'*)
- Colorado spruce (*Picea pungens 'fastigiata'*)
- Crab apple, red baron (*Malus spp*)
- Sugar maple – columnar (*Acer saccharum*)
- English oak – Crimson spire (*Quercus robur x alba 'Crimson Spire'*)
- English oak – Regal Prince (*Quercus robur Fastigiata x bicolor*)

**Trees 6-7, medium/large trees at maturity, species suggestions include:**

- Red maple (*Acer rubrum*)\*
- Bitternut hickory (*Carya cordiformis*)\* – nut producing
- Northern catalpa (*Catalpa speciosa*) – produces large pods
- Honey locust (*Gleditsia triacanthos*)
- Eastern Redcedar (*Juniperus virginiana*)
- Mountbatten Juniper (*Juniperus chinensis 'Mountbatten'*)
- Ironwood (*Ostrya virginiana*)\*
- Littleleaf linden (*Tilia cordata*)
- Mongolian Linden (*Tilia mongolica*)
- Prospector elm (*Ulmus x wilsoniana*)
- Turkish hazel (*Corylus colurna*)

**Conifer species suggestions:**

- Eastern larch (*Larix laricina*)\*
- White spruce (*Picea glauca*)\*
- Norway spruce (*Picea abies*)
- Colorado spruce (*Picea pungens*)
- Eastern white cedar (*Thuja occidentalis*)\*
- Canadian hemlock (*Tsuga canadensis*)\*

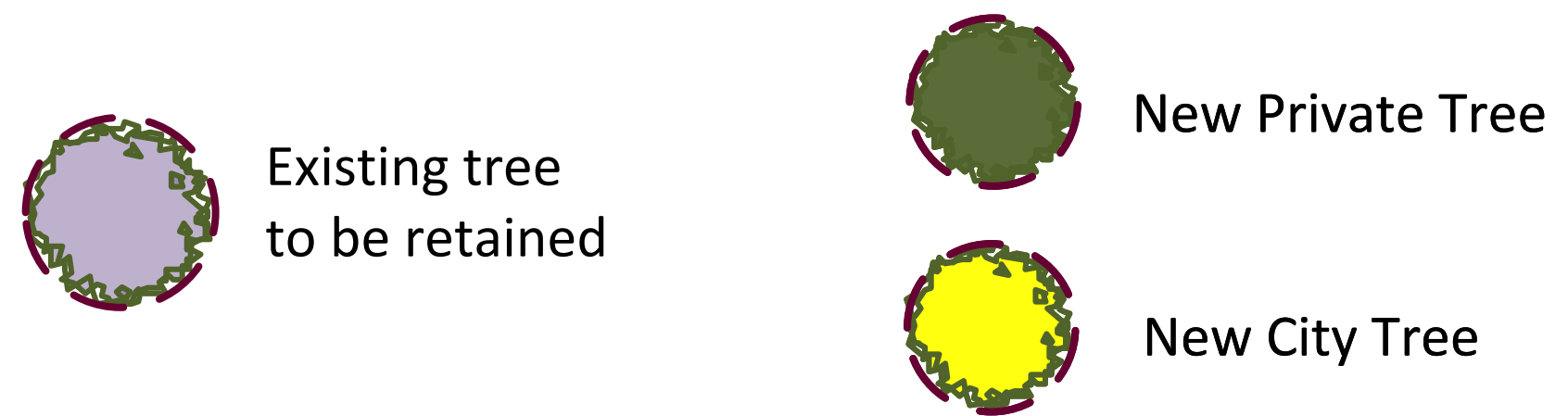
\*denotes native to Ottawa region

**Note:** Proposed tree locations are suggestions only and should be finalized only once construction is complete and should adhere to City of Ottawa Tree Planting Guidelines

**Note:** Norway maple (*Acer platanoides*), a commonly planted species in Ottawa and sold at nurseries, is *not* recommended as it is highly invasive and not a suitable tree for urban planting due to its poor growth characteristics (weak unions, girdling roots), susceptibility to disease (e.g. tar spot) and its ability to outcompete other vegetation including grass.

**All deciduous trees must be a minimum of 50 mm in diameter measured no less than 15 cm above ground level. Coniferous trees must be no less than 200 cm in height.**

**See attached City of Ottawa Tree Planting Specifications for Infill Properties for more details on planting requirements.**

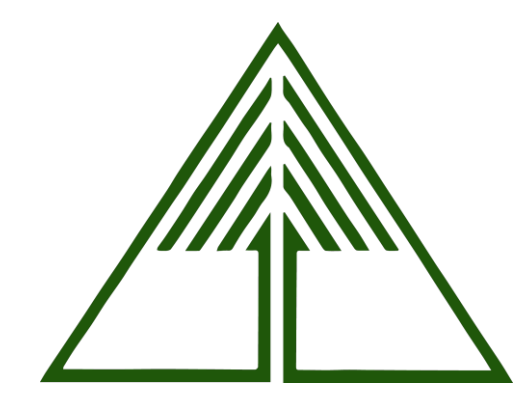


Note that the tree layer has been added to the original site plan supplied by the client in pdf format. This layer refers to the trees only, and the original site plan has not been altered in the process. Refer to the original plan for details on grading as quality is lost when importing the plan into the mapping software used to create the tree layer.

**Committee of Adjustment**  
 Received | Reçu le

**Revised | Modifié le : 2023-03-30**

City of Ottawa | Ville d'Ottawa  
 Comité de dérogation



Tree Planting Plan – 667 Churchill  
 Tree layer prepared by Dendron Forestry Services  
 Version 2.0, March 22, 2023  
 For more information, please contact info@dendronforestry.ca

DRAWN BY	LLAVOIE	DATE	03/30/23
VERIFIED BY	LLAVOIE	SCALE	SP2



## City of Ottawa Tree Planting Specifications for Infill Properties

Compensation planting locations and species must be approved by Forestry Services prior to planting, usually through submission of a Landscape Plan or showing new tree locations on the Tree Information Report. Large-growing, native species are preferred where space and conditions allow.

Any trees planted within the ROW are immediately protected under the Tree Protection by-law ( ) and cannot be moved after planting.

### Planning for planting in the ROW:

- o Determine how much open (soft) space is available in the planting location. A minimum of 9m<sup>2</sup> (1m depth) of good soil is recommended to support one tree. If there is insufficient space to plant in the ROW, planting on private property will be considered.
- o Note the locations and types of existing obstacles, above and below ground, using existing surveys plans, observations, and have utility locations marked by contacting [www.on1call.com](http://www.on1call.com) or 1.800.400.2255 (call before you dig). Use this information along with the setbacks listed below to determine a suitable planting location on the site, and the appropriate size of tree to plant.
- o If there are Hydro wires present over the property, consult Hydro Ottawa's tree planting guidelines: [https://static.hydroottawa.com/documents/publications/safety/tree\\_planting\\_advice-EN.pdf](https://static.hydroottawa.com/documents/publications/safety/tree_planting_advice-EN.pdf).
- o If sensitive marine clay exists on the site, only small-growing, low-water demand species may be planted a minimum of 7.5m from the house.
- o Ensure no future conflicts with building projections, overhead or underground utilities that would pose future maintenance problems or impede full development of the canopy.
- o Tree species must be appropriate for the site (size, salt tolerance, etc). There are many resources available online to help select the right tree for your lot. Keep in mind that often native trees are best adapted to the local climate but less so for high salt conditions.
- o Planting must be done according to the specifications in Forestry Services' tree planting detail.
- o Trees must be watered regularly following planting to ensure proper establishment.
- o The City will assume maintenance responsibilities for trees planted in the ROW.

### Key spacing (minimum distance) guidelines:

- 1m from utility boxes

### For deciduous trees:

- Minimum 50mm caliper stock



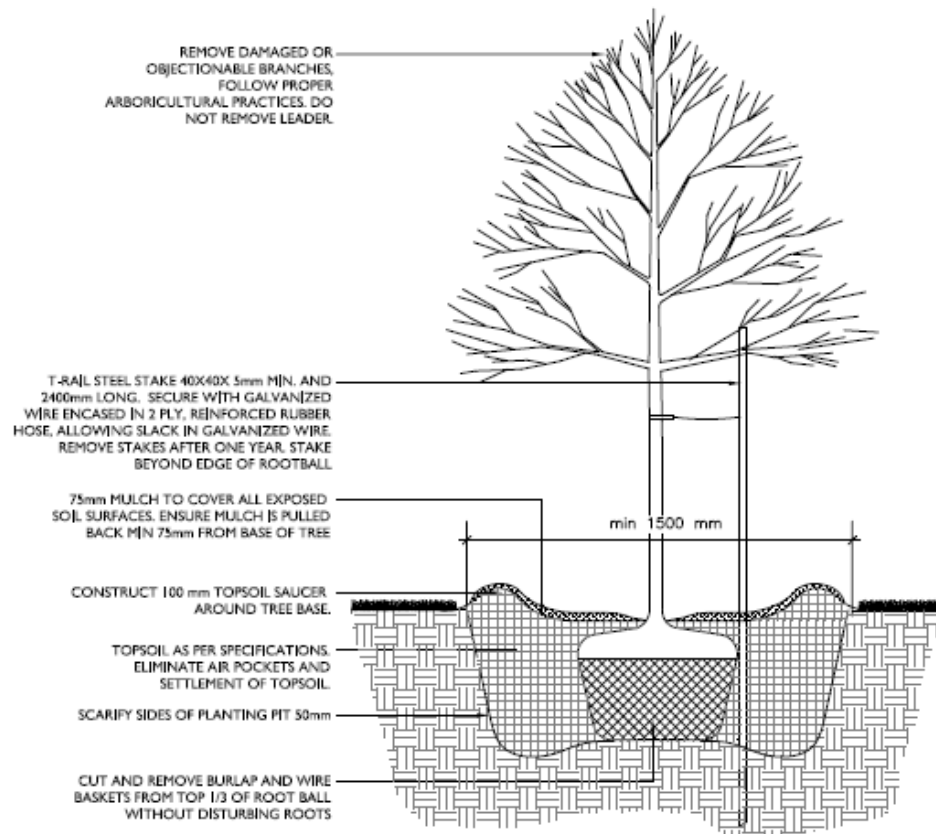
## City of Ottawa Tree Planting Specifications for Infill Properties

- 1.5m from sidewalks, driveways, walkways, fences, sound walls, and old stumps.
- 2.5m from curbs, hydro transformers, or behind fire hydrants
- 4-7m from any part of an existing tree, depending on canopy width
- 10m from bus shelters and community mailboxes

### For conifer (evergreen) trees:

Follow same setbacks as deciduous, but due to the widest branching being at the base of the tree, conifers need greater setbacks for ground-level obstacles.

- Minimum 200cm height stock
- 4.5m setbacks from sidewalks, walkways, driveways, and curbs.
- Do not plant on corners where sight lines will be compromised.



#### NOTES:

1. PROTECT TRUNK DURING TRANSPORT AND INSTALLATION. ALL WRAPPING TO BE REMOVED BEFORE FINAL INSPECTION;
2. ALL PROTECTIVE WRAPPING SHALL BE REMOVED AFTER INSTALLATION;
3. STAKING OF TREES SHALL BE PERFORMED ONLY IF DEEMED NECESSARY;
4. ALL DIMENSION IN MILLIMETERS UNLESS OTHERWISE NOTED.