Replacement Tree Specifications

Trees 1 and 2, small trees at maturity (hydro lines), species suggestions include:

Serviceberry (*Amelanchier spp*)*
Eastern redbud (*Cercis canadensis*)
Pagoda dogwood (*Cornus alternifolia*)
Thornless Hawthorn (*Crataegus crus-galli*)*

Trees 3-7, medium to large trees at maturity, species suggestions include:

Katsura (*Cercidiphyllum japonicum*)
Black cherry (*Prunus serotina*)*
White oak (*Quercus alba*)*
Bur oak (*Quercus macrocarpa*)*
Red oak (*Quercus rubra*)*
Kentucky coffeetree (*Gymnocladus dioicus*) – has pods
Liberty elm (*Ulmus americana "Libertas")*
Red maple (*Acer rubrum*)*
Bitternut hickory (*Carya cordiformis*)* – nut producing
Northern catalpa (*Catalpa speciosa*) – produces large pods
Ironwood (*Ostraya virginiana*)*
Littleleaf linden (*Tilia cordata*)
Mongolian Linden (*Tilia mongolica*)
Prospector elm (*Ulmus x wilsoniana*)
Turkish hazel (*Corylus colurna*)

Additional species for trees 7 include:

Balsam fir (*Abies balsamifera*)*
Eastern larch (*Larix laricina*)*
White spruce (*Picea glauca*)*
Norway spruce (*Picea abies*)
Eastern white cedar (*Thuja occidentalis*)*
Canadian hemlock (*Tsuga canadensis*)*

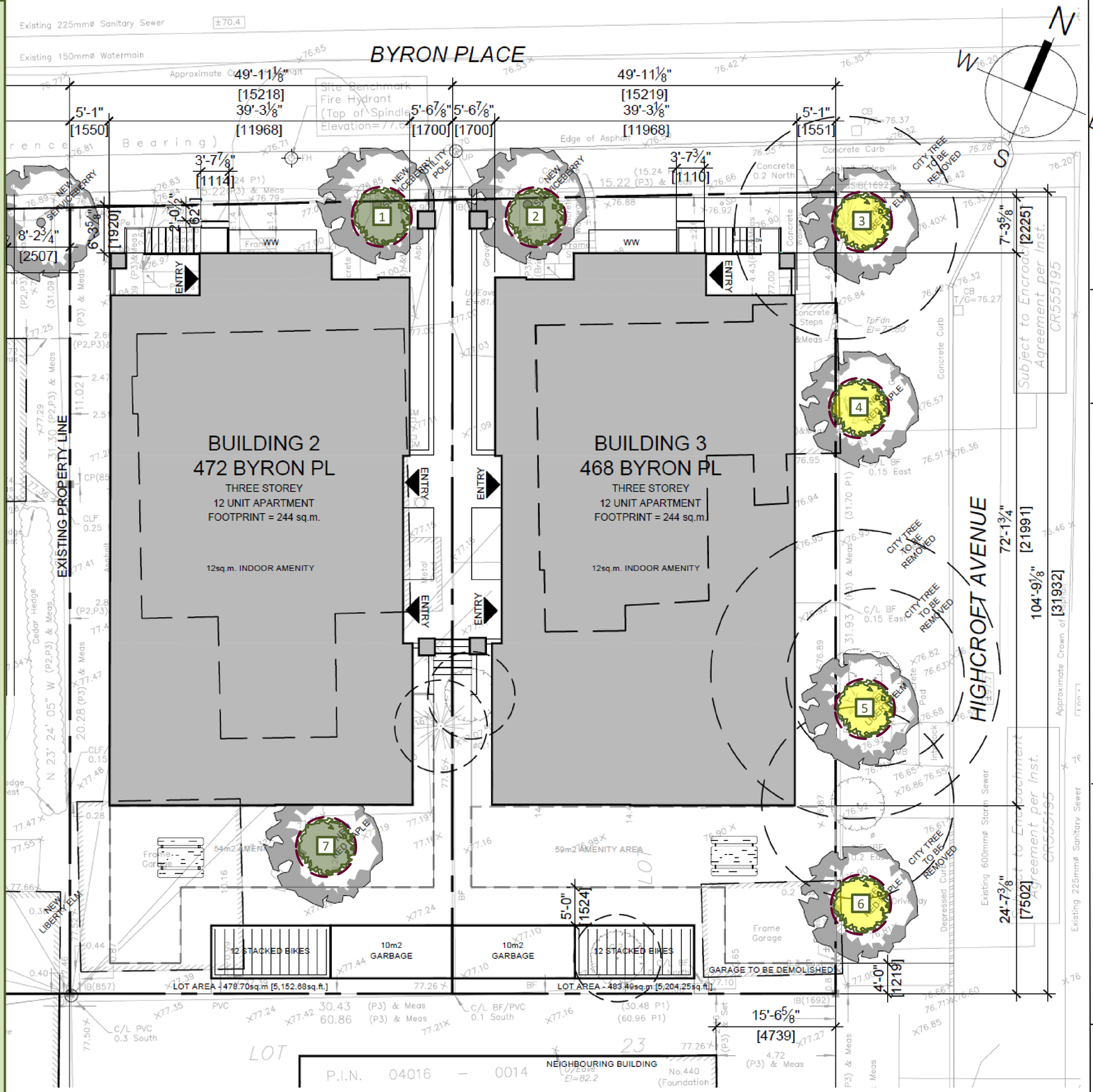
Note: Proposed tree locations are suggestions only and should be finalized only once construction is complete and should adhere to City of Ottawa Tree Planting Guidelines

*Native to Ottawa region: Planting species native to a region can help maintain and enhance biodiversity.

Note: Norway maple (*Acer platanoides*) is *not* recommended as it is highly invasive and not a suitable tree for urban planting.

The species recommended herein are the most suitable species based on the existing plans. For best success, tree species should be matched to site conditions.

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.

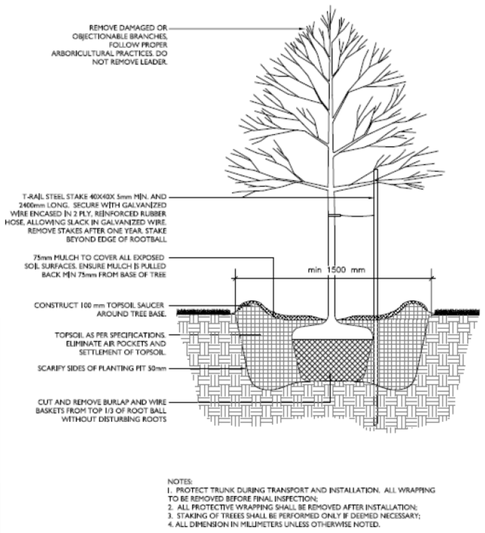


Sensitive Marine Clay Soil

This planting plan has been developed assuming that there is no sensitive marine clay soil present on the property. If sensitive marine clay soil is present on the site, the City of Ottawa's "*Tree Planting in Sensitive Marine Clay Soils - 2017 Guidelines*" shall apply.

Tree Planting Plan – 486/472 Byron
Prepared by Dendron Forestry Services
Version 2.0, June 15, 2026
For more information, please contact:
info@dendronforestry.ca

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



KEY SPACING GUIDELINES

For Deciduous Trees:

- Minimum 50mm caliper stock
- 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 Coniferous 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.

TREES MUST BE WATERED REGULARLY FOLLOWING PLANTING TO ENSURE PROPER ESTABLISHMENT.

On average, a young tree needs 6 gallons (24 liters) of water twice per week. (Do not water using a sprinkler as water on the foliage can lead to fungal infection) Placing a ring of mulch around the planting hole will help reduce water loss. Ensure no mulch is touching the base of the tree.

Legend

New Private Tree

New Tree either fully or partly on city property

Existing Tree to be retained