## Trees Protection and Maintenance

Within its Plan fraîcheur (coolness plan), the Borough of Saint-Laurent has adopted regulations on planting, protecting and cutting down private trees, thereby helping to preserve the estimated 112,000 trees in its tree heritage, to increase greening throughout its territory and to mitigate heat islands.

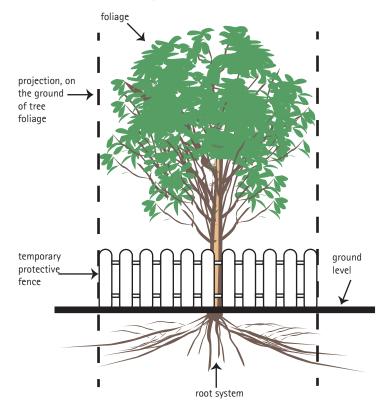
During construction, demolition or landscaping work, it is important to protect the trees located on the property, in addition to those on adjacent properties so as to limit the risks of having such work damage the root systems and branches.

## Protection measures\_

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- A fence must be erected beyond the surface area occupied by the projection on the ground of all the foliage of a tree, when an overhead or underground part of it is liable to be damaged or compacted. This fence must be in good condition and remain in place throughout the work operations. If this is technically impossible, then it is mandatory to:
  - install some type of protection on the trunk, and;
  - spread a temporary layer of non-compacting material of at least 20-cm thick on the surface area covering the projection, on the ground, of the foliage (this material must be placed on an air- and water-permeable geotextile membrane.);
- protect the branches liable to be damaged or properly pruned;
- clean cut roots over 2 cm in diameter within the excavation work areas.

Illustration 1: Installation of protective fence



## **IMPORTANTE NOTE**

The following actions are considered to be a tree-cutting operation:

- Removing over 50% of the living foliage.
- Severing-by pulling out or cutting-over 40% of the root system.
- Covering the root system with 20 cm or more backfill.
- All other actions resulting in the elimination of the tree (use of a toxic product, making incisions around the trunk, etc.).

Trees must be in good condition and well conserved.

It is **prohibited** to remove, pollard or cut off the top of a tree if such action affects over 25% of its foliage.

It is **prohibited** to cut certain branches of a tree to give it a specific shape.

It is **prohibited** to use a tree as a support during construction, demolition or earth-moving operations.

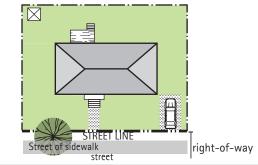
It is **prohibited** to push, dump or deposit snow or ice, in any way whatsoever, in such a way as to partially or completely cover a tree.

It is **prohibited** to store materials (stones, bricks, etc.) or allow machinery or workers to go into a protected area.

## Tree located in right-of-way

It is prohibited to damage or cut any tree, shrub or plant cultivated within a right-of-way.

Illustration 2 : Tree located in a right-of-way





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