

Tree Care Guidelines

Fredericton



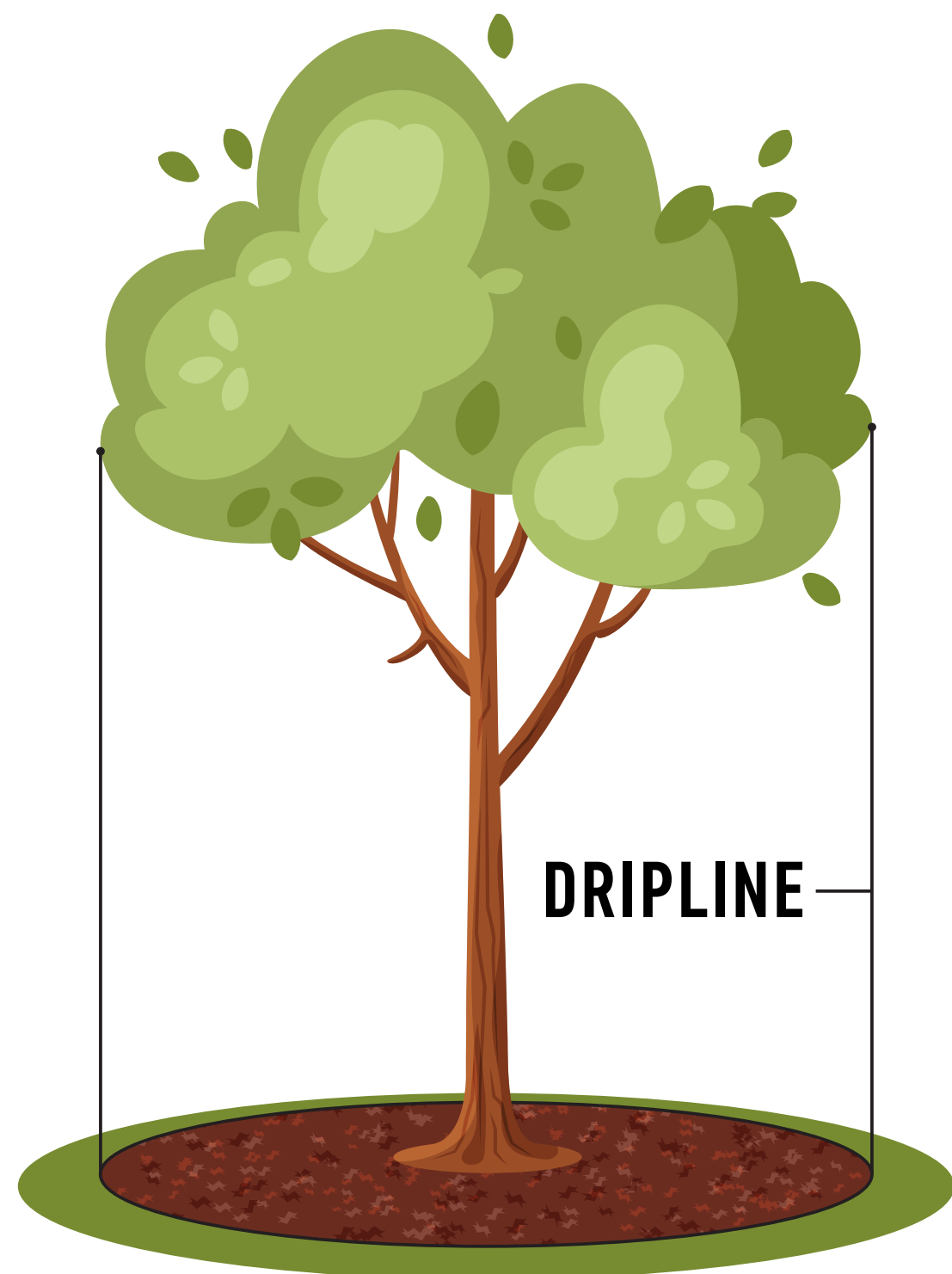
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Watering

The first three years of a tree's life are spent establishing a root system. Watering correctly during this period is critical.

- Newly planted street trees receive a watering bag that the City fills throughout the tree's first summer. During the tree's second summer, homeowners are encouraged to give the trees approximately 5L of water twice a week **during periods of drought.**
- Water within the dripline.
- **Do not overwater** the tree as this can affect oxygen intake to the roots, greatly decreasing the health of a tree. Ensure that the top 6 inches of soil (15cm) is dry before watering.



“Right Tree, Right Site”

Before planting a new tree, soil type, sun exposure, and existing canopy are all taken into consideration when selecting what species to plant. This ensures that the trees are given the best opportunity of success.





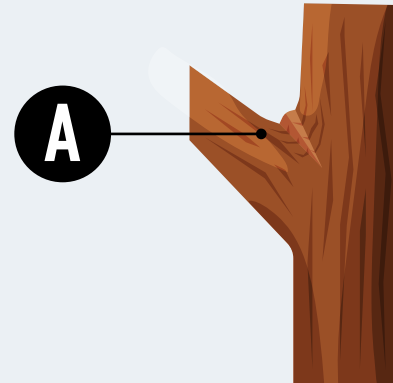
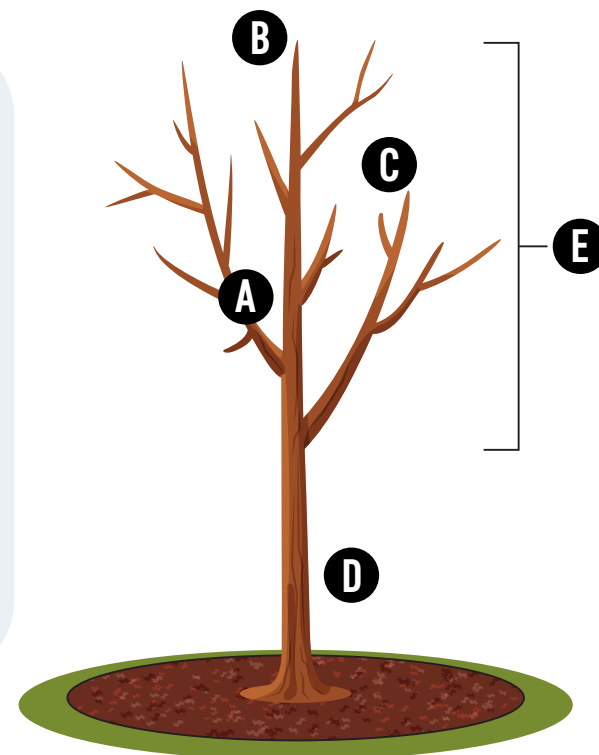
Pruning

Once the roots are established, newly planted trees will begin to grow new branches and foliage. This will result in the need for pruning, which is done to maintain tree health, strength, and reduce risk of structural failure during strong weather events.

If a new or old tree on the right of way needs to be pruned—**call the city!** Trained arborists will ensure that the tree has:

- A.** branches that are well-attached to the trunk,
- B.** one central leader,
- C.** good spacing between branches,
- D.** enough clearance between the ground and first branch, and
- E.** a good grown height.

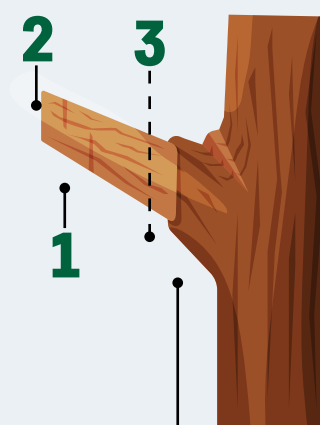
Do not remove more than 25 percent of the tree's live branches (and leaves) at any one time.



Well attached branches have a branch bark ridge.

If a homeowner wants to prune their own personal tree, following the “three-step method” of pruning is highly advised— or call a local arborist.

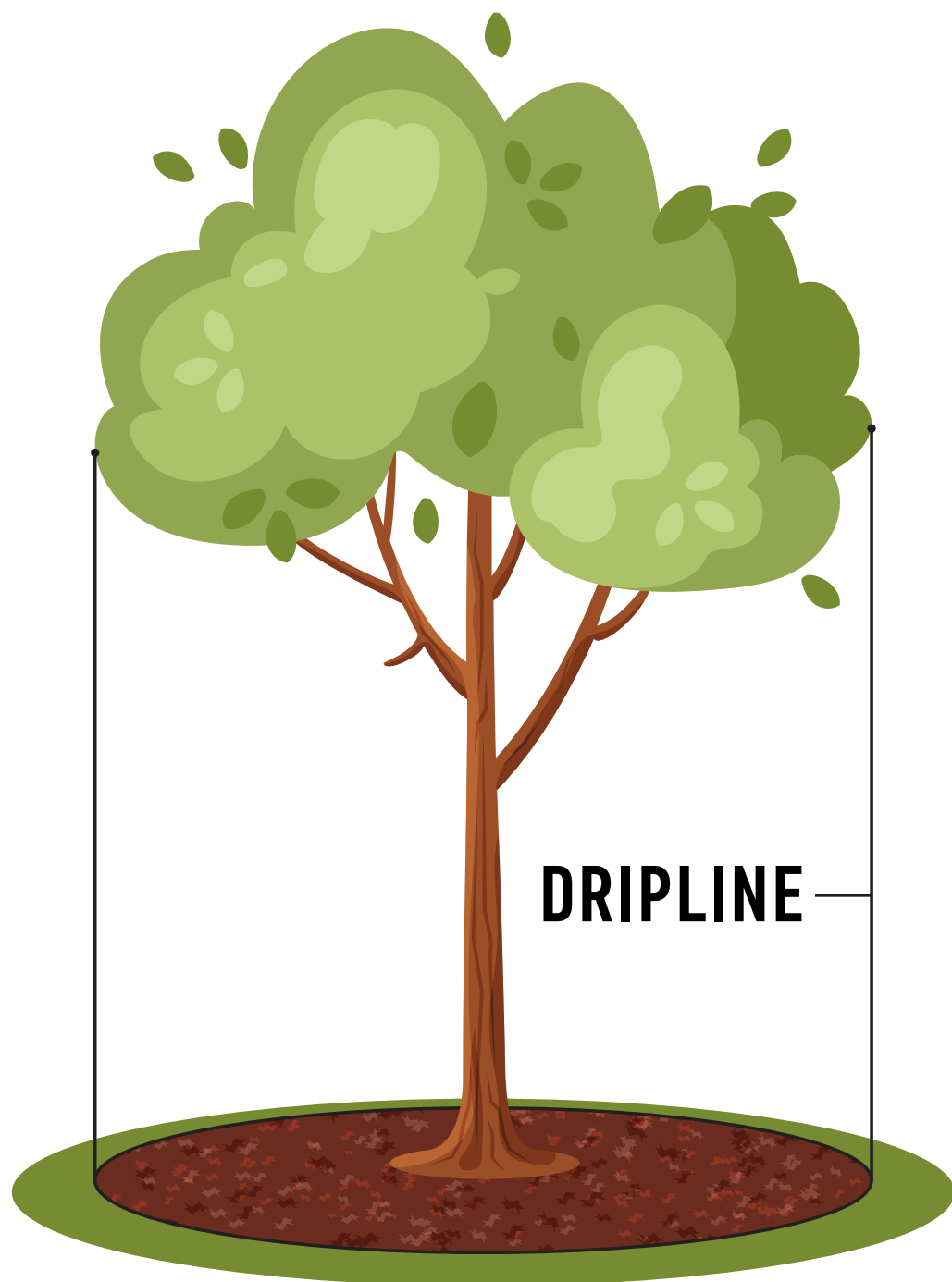
- 1.** First cut (undercut)
- 2.** Second cut (topcut)
- 3.** Final cut



Leave collar intact



Maintenance



Correct Mulching

- ✓ Tree is visible at base
- ✓ Mulch is evenly spread at a depth of 2 to 4 inches
- ✓ Mulch extends to drip line

- Ensure that the base of the trunk is exposed. Mulch, landscape fabric, and/or rocks that are covering the trunk can lead to insects or negative pathogens entering the tree.
- Keep lawnmowers and/or weed-trimmers away from the tree, as they can cut through the bark, leaving scars and allowing access for harmful insects and negative pathogens. Adding a tree guard is also a proactive alternative!



As the tree grows, ensure that roots are not encircling (girdling) the trunk, if they are, contact the city and an arborist will inspect the situation.