



**Tree Protection measures are required for:**

1. Demolition, construction or change of land grade that will take place within five metres of the Critical Root Zone of a Permit tree that is to be retained; and,
2. For all existing trees on the highway fronting the parcel on which construction is to take place.

A protection barrier or temporary fence of at least 1.2 metres in height shall be placed around the Critical Root Zone of the tree. This barrier shall be in place before any excavation or construction work begins, and the barrier shall remain intact throughout the entire period of construction.

**Critical Root Zone** means the area of land surrounding the trunk of a tree contained within a circle of radius equal to the diameter at breast height (DBH) of the tree multiplied by 18; or equal to the drip line of the tree; whichever is greater.

**Specifications for Construction** (see over for diagram)

1. 1.2 m (~4') height;
2. 2"x 4"s to be used for vertical posts, top and bottom rails and cross-bracing (in an "X"); round, untreated vertical posts may be used with a minimum diameter of 9 cm;
3. Spacing between vertical posts to be a minimum of 3.7 m (12') on center;
4. Structure shall be sturdy with vertical posts driven firmly into the ground;
5. Continuous plastic mesh high visibility screening (e.g. orange snow fencing);
6. Posted with visible all weather signage advising that encroachment inside the protected area is forbidden;
7. Located at a distance from the tree based on the calculation of its Critical Root Zone.

**Tree Protection Barriers shall be inspected by a Certified Arborist or the City Arborist before any work can begin.**

The area within a Tree Protection Barrier shall remain undisturbed and not be used for any purpose including storage, dumping, parking and machinery operation.

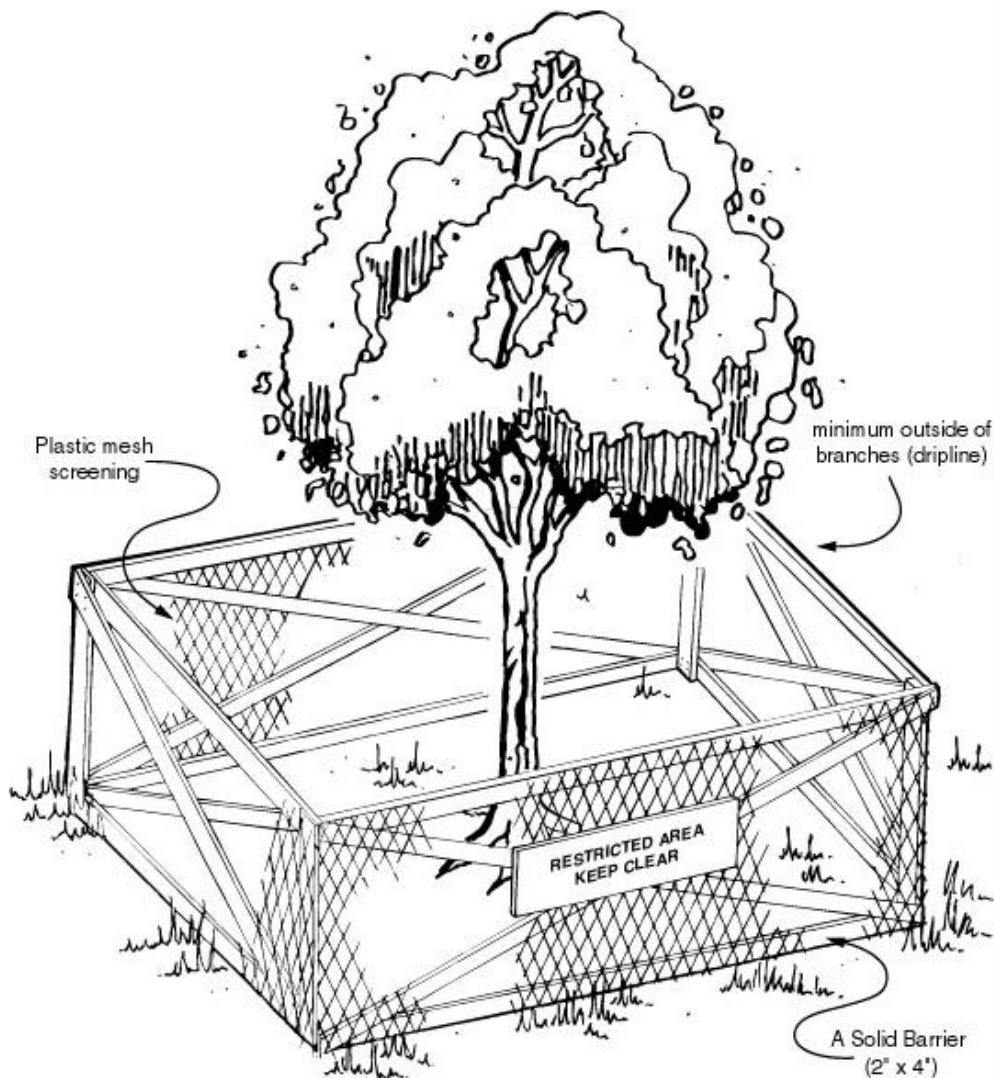
Any required excavation in and around the Critical Root Zone of a tree shall be approved by the City and shall be completed by hand. (eg. underground servicing, footings, etc.) under the supervision of a Certified Arborist. Grades within the Critical Root Zone shall be maintained as original. Re-grading outside the Critical Root Zone shall not negatively affect the drainage or the health of the retained trees. Trees within the Critical Root Zone shall be adequately cared for throughout the construction process.

**If trees within the Protection Barriers are damaged beyond repair, the Owner shall provide 4 Replacement Trees for each tree damaged.**

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"This information is provided for convenience only and is not a substitution of applicable City Bylaws, Provincial or Federal Codes or Laws. You must satisfy yourself that any existing or proposed construction or other works complies with such Bylaws, Codes or other laws."

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### Tree Protection Barrier

Note: no storage of building materials  
within or against protection barrier

A full version of the City of Maple Ridge Tree Protection and Management Bylaw is available at  
<http://www.mapleridge.ca/DocumentCenter/View/581>

For specific information regarding permit requirements, contact Gail Szostek at [gszostek@mapleridge.ca](mailto:gszostek@mapleridge.ca)

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