



Tree Protection Guidelines

Planning and Development Services

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Where trees are to be retained on or adjacent to a development site, the following procedures must be followed to adequately protect the trees during development:

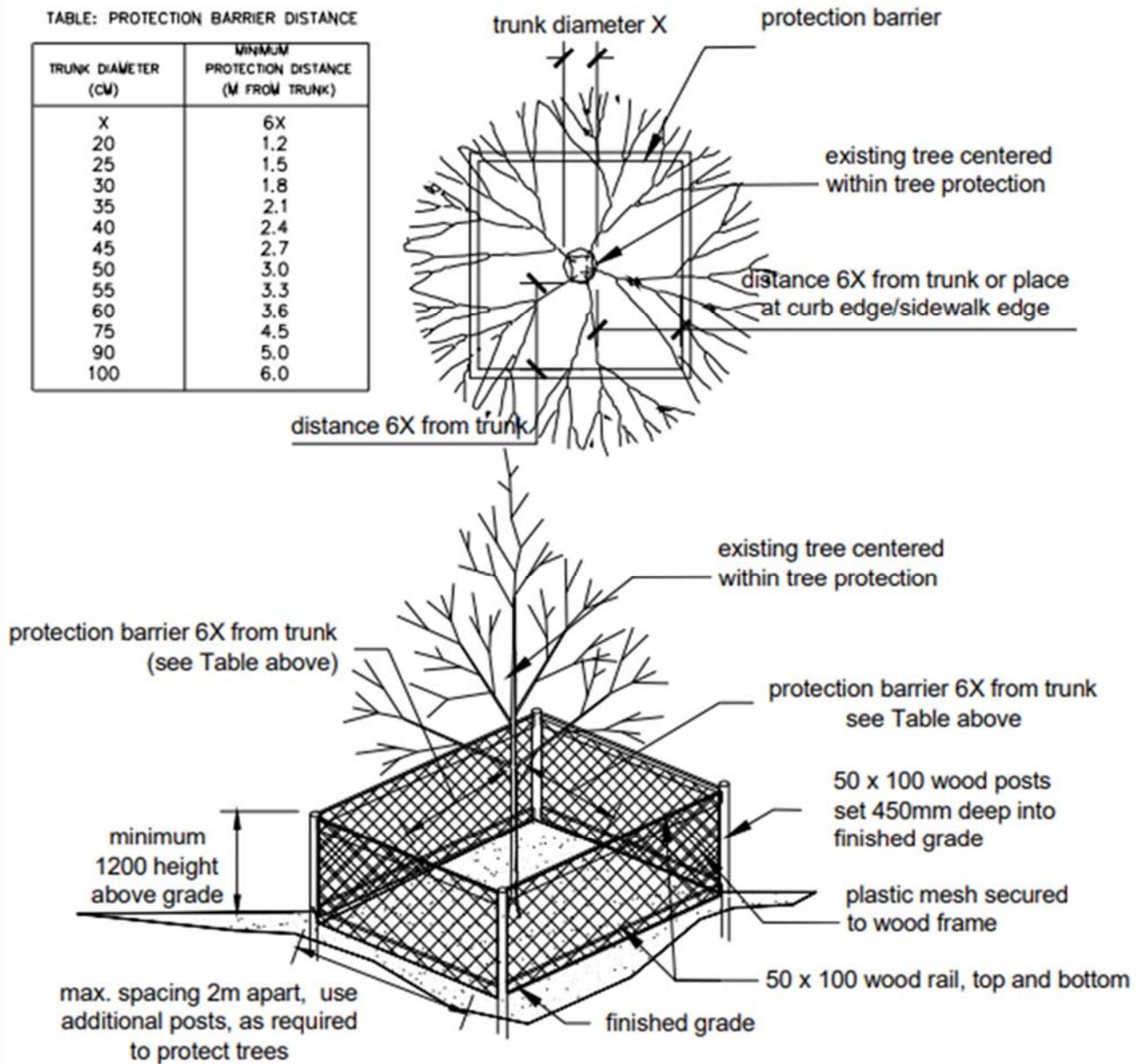
1. A **tree protection barrier** (TPB) measuring 1.2m in height must be installed around the tree(s) to be retained. This must be constructed prior to the issuance of a demolition or building permit and remain intact throughout the entire period of construction.
2. Protection barriers must be inspected by a Certified Arborist (your Project Arborist) and be accompanied by an inspection report and approved by the Planning and Development Services Department prior to the issuance of a demolition or building permit.
3. The required location of the tree protection barrier fencing is determined by the trunk diameter or 1 metre past the dripline, whichever is greater (see chart on reverse). These distances will only be reduced in instances where the full distance cannot be provided, tree retention is possible using sound arboricultural practices and approved by the City's Arboricultural Technician.
4. The protection barrier must be constructed of snow fencing securely fastened to wood 2x4's, staked to the ground and spaced no further than 1-2m apart as shown in Schedule "A".
5. All weather signage indicating the area of the protected zone must be attached to each barrier. Where linear and continuous barriers exist, place one sign every 10 metres.
6. **Storage, dumping, parking and machinery operation are prohibited within the tree protection zone and barrier zone. This includes the landscaping stage of the construction or development.**
7. Any required digging in or around the tree protection zone or barrier to accommodate underground services, utilities, **landscaping**, footings, retaining walls etc... must be indicated on the plan, is to be done by hand, and under the direct supervision and guidance of the project arborist.
8. Trees inside the protection zone must be adequately cared for throughout the construction process. For example, trees must be watered sufficiently, particularly if the tree's root system has been disturbed by excavation or during the hot and dry months. Vines and weeds must be managed and prevented from climbing up the tree.
9. Root and branch pruning, when necessary, must be done in accordance with City guidelines. Tree pruning should be done by an ISA Certified Arborist. **Only the City, or its authorized designate may prune or cut trees on City property.**

SCHEDULE "A"

Specifications for Tree Protection Barriers

TABLE: PROTECTION BARRIER DISTANCE

TRUNK DIAMETER (CM)	MINIMUM PROTECTION DISTANCE (M FROM TRUNK)
X	6X
20	1.2
25	1.5
30	1.8
35	2.1
40	2.4
45	2.7
50	3.0
55	3.3
60	3.6
75	4.5
90	5.0
100	6.0



NOTES

Install tree protection barrier before construction begins and keep in place until landscape installation is complete.

Storage of building materials & litter within or against protection barrier is prohibited. Developer/Owner responsible for maintenance within Tree Protection Barrier.

Damaged trees will be replaced at Developer/Owner's cost.

Maintain existing grades at protection barrier for all protected retained and existing trees.

Regrading outside of protection barrier should not adversely compromise protected retained and existing trees.