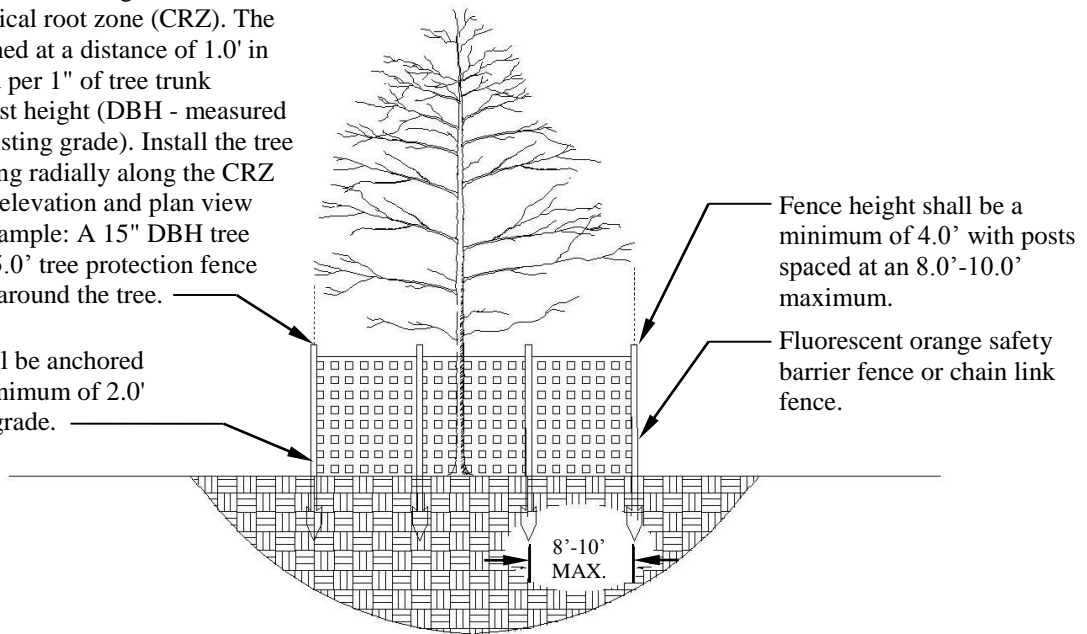


Place tree protection fencing at the outer limits of the critical root zone (CRZ). The CRZ is established at a distance of 1.0' in radius measured per 1" of tree trunk diameter at breast height (DBH - measured at 4.5' above existing grade). Install the tree protection fencing radially along the CRZ as shown in the elevation and plan view drawing. For example: A 15" DBH tree would have a 15.0' tree protection fence radius installed around the tree.

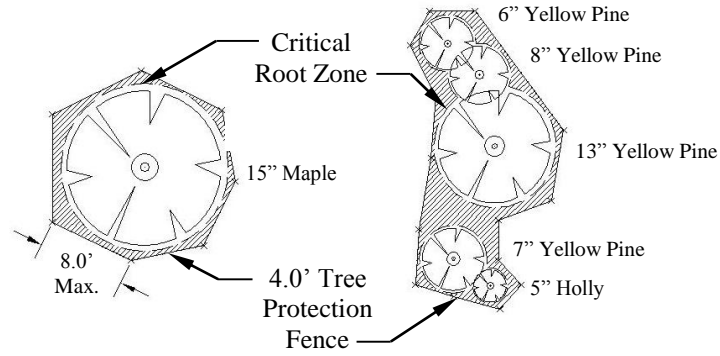
Metal posts shall be anchored securely at a minimum of 2.0' below existing grade.



Tree Protection Fencing Notes:

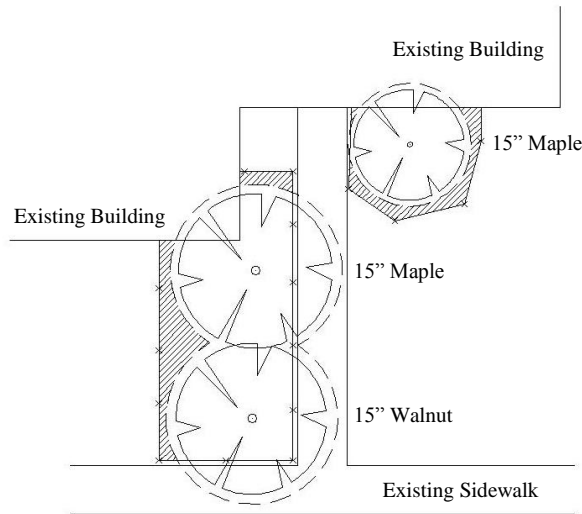
1. Fence shall be installed prior to the start of any demolition, clearing, grading or any other demolition or construction activity. Installation shall be monitored by the Designer with final inspection and approval by the Urban Forester before commencement of any activities.
2. Tree protection fence shall be a minimum of 4.0' tall and constructed of orange safety fabric or chainlink. Fence shall be mounted on metal stakes or vertical pipes driven 2.0' in the ground, at a maximum of 8.0' on center for safety fence or 10.0' for chainlink.
3. No storage or construction activity of any kind may take place within the tree protection zone.
4. Contractor shall monitor and maintain tree protection fencing throughout the duration of the project.

**Figure TP-02-01
Tree Preservation Fencing**



Single Tree

Tree Mass or Cluster



For Close Proximity to Buildings or Hardscaping

Tree Protection Fencing Notes:

1. Work shall be performed by hand in the CRZ, or by equipment that is positioned outside of the CRZ.
2. Direct construction or demolition activity and debris removal away from trees in such a manner that does not enter the CRZ, damage the tree structurally, or remove foliage.

**Figure TP-02-02
Tree Preservation Fencing**