



Standard Tree Protection Measures (August - 2017)

Intent

The City of Belmont seeks to preserve and maintain healthy, non-invasive trees, while allowing for reasonable and conforming use of private property. To that end, Section 25-3 of the Belmont Tree Ordinance requires the preparation of Standard Tree Protection Measures.

Applicability

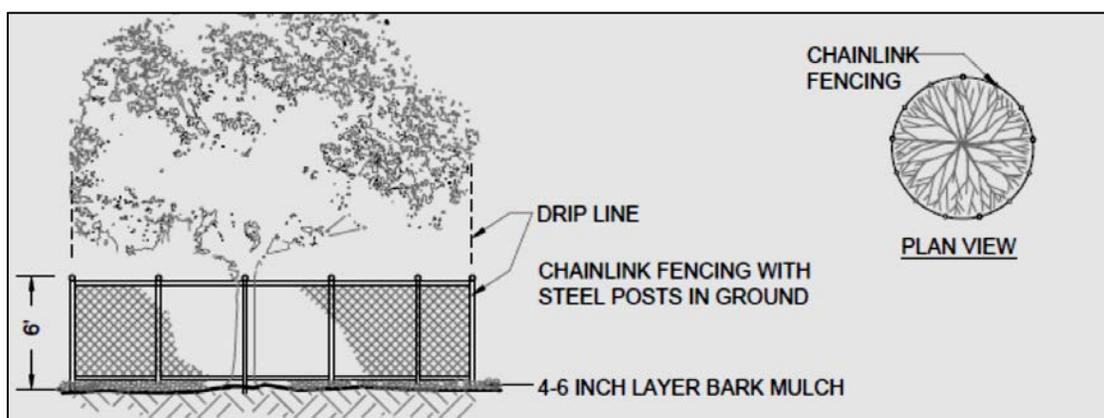
The tree protection measures identified below may be required by the reviewing authority as conditions of approval for development projects when construction or other site disturbance occurs within twenty feet of the dripline of: 1) Protected trees as defined in the Belmont Tree Ordinance; 2) Non-protected trees on site that are proposed to be retained as part of the site's landscape plan; and 3) All neighboring trees with a canopy that extends into the area of disturbance. Alternative measures may be approved on a case by case basis to better meet site conditions (e.g., specific tree protection measures identified by a Certified Arborist in an Arborist Report).

Standard Tree Protection Measures

The following tree protection measures shall be installed prior to construction, demolition, grading or land clearing on site:

- Trees that are proposed for retention shall be fenced at the drip line to establish a tree protection zone (TPZ), consisting of chain link fencing 6 feet high and attached to 2 inch diameter metal posts driven 2 feet into the ground, spaced no more than 10 feet apart are to be placed at the tree dripline (see Figure 1). Fencing may occur at the combined driplines of groves of trees. Fencing shall not be removed until after completion of project construction, unless removal is approved by a certified Arborist or the City Arborist.

Figure 1 – Tree Protection Zone (TPZ)





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- A 4-6 inch layer of bark mulch shall be placed beneath the drip lines of tree to be preserved; however, the bark mulch shall not be placed within 2-3 feet of the tree trunks.
- The TPZ fencing shall have one sign affixed with UV-stabilized zip ties to the chain link at eye level for every 20-linear feet of fencing, minimum 8”X11” size each, plastic laminated or otherwise waterproofed, stating: “Tree Protection Fence.”
- No grading shall occur within the dripline/fenced area of trees to be preserved.
- No construction materials (tools, excavated soil, liquids, substances, etc.) are to be placed or dumped, even temporarily, inside the TPZ.
- No construction vehicles may be stored within the dripline/fenced areas of trees to be preserved.
- The contractor is required to water, fertilize and attend to other maintenance need of existing trees to maintain healthy growth throughout the construction period.
- Irrigation spray, bubblers, or emitters, shall not be installed within 20 feet of the trunk of any native coast live oak specimen being retained, as summer soil moisture increases the likelihood of fungal pathogen advancement from the soil into the root crown and lower trunk of a native coast live oak. These trees are adapted to Bay Area summer dry conditions, and often decline or die if irrigation is placed under their driplines.
- Any pre-project pruning of trees on or adjacent to the subject property shall be performed only by or under direct site supervision of an ISA Certified Arborist, and shall conform to the most recent edition of ANSI A300 Part I: Tree, Shrub, and Other Woody Plant Maintenance, Standard Practices, Pruning.