

TREE PROTECTION SPECIFICATIONS

General – Tree protection has three primary functions: (1) to keep the foliage canopy and branching structure clear from contact by equipment, materials, and activities; (2) to preserve roots and soil conditions in an intact and non-compacted state; and (3) to identify the Tree Protection Zone (TPZ) in which no soil disturbance is permitted and activities are restricted.

Trees to be Protected – All public trees on City right-of-way and all trees designated to be saved in tree study for site.

Materials

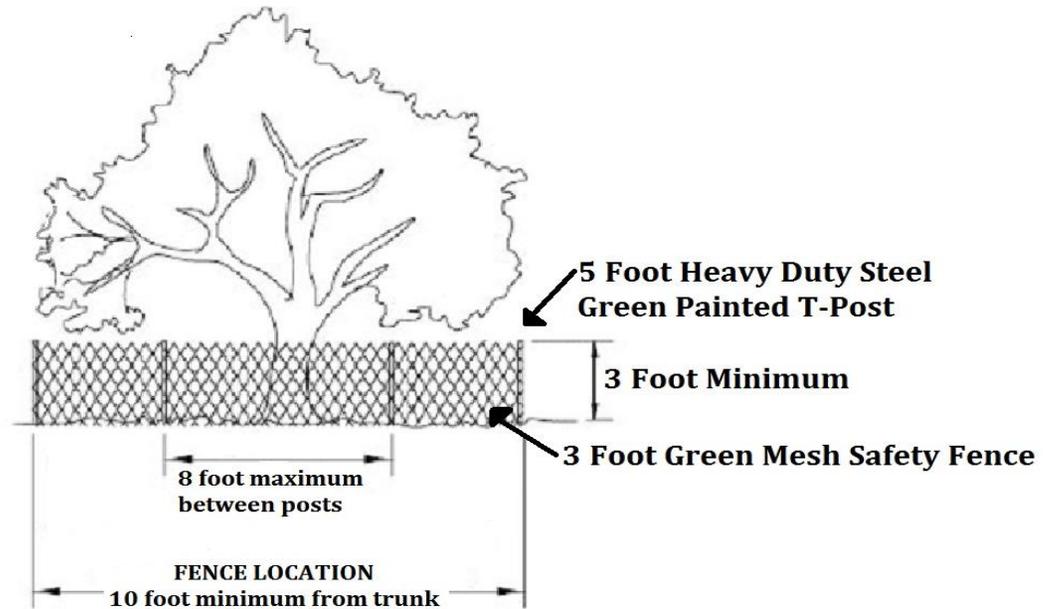
- a. The Tree Protection Zone (TPZ) is a restricted area around the base of the tree at the drip line with a minimum radius of ten (10) feet or as shown in the Tree Study, whichever is greater, enclosed by fencing. **No work, storage, or equipment operation shall be performed in this area.**
- b. Tree Protection: The fence shall enclose the entire area of the TPZ of the tree(s) to be protected throughout the life of the construction project. In some parking areas, if fencing is located on paving or concrete that will not be demolished, then the posts may be supported by an appropriate grade level concrete base, if approved. For trees situated within a planting strip or near a sidewalk or driveway, only the planting strip and yard side of the TPZ shall be enclosed with the required chain link protective fencing in order to keep the sidewalk and street open for public use.
- c. Size, type, and area to be fenced: All trees to be preserved shall be protected with three (3) foot high green mesh fencing. Fencing is to be mounted on five (5) feet heavy duty steel green painted T-post driven into the ground to a depth of at least one (1) foot, six (6) inches (18" minimum) and no more than eight (8) foot spacing.
- d. Warning Sign: A warning sign shall be weatherproof (no holes through the paper signage) and prominently displayed on each fence at 20-foot intervals on the tree protection fencing. The sign shall be a minimum 8.5 inches by 11 inches and clearly state: "WARNING – Tree Protection Zone". See exhibit A-S.
- e. Duration. Tree fencing shall be erected before construction begins and remain in place until final inspection of the project, except for work specifically allowed in the TPZ.
- f. During Construction.
 1. All neighbors' trees that overhang the project site shall be protected from impact and protection fencing may be required.
 2. The applicant shall be responsible for the repair or replacement of any publicly-owned trees that are damaged during the course of construction.
 3. The following tree preservation measures apply to all trees to be saved:
 - (a) No storage of material, topsoil, vehicles, or equipment shall be permitted within the TPZ.
 - (b) The ground under and around the tree canopy area shall not be altered
 - (c) Trees to be retained shall be irrigated, aerated, and maintained as necessary to ensure survival.

EXHIBIT A

TREE PROTECTION FENCING

Revised October 2014

NOTE: 8.5" x 11" Warning signs are required on fencing a minimum of 20' intervals, with a minimum of one sign on each elevation of fence. Sign shall be moisture protected as in Exhibit A-S.



Distance from trunk shall be as shown in tree study or 10' minimum.

