

Tree Protection Barriers

DR046



How should I place tree protection barriers?

Many development projects include trees that are required to be protected. The City requires that these saved trees remain undisturbed during construction activities. In order to ensure protection of these trees, barriers must be placed around trees to assure their protection. Protective barriers establish a barrier around tree drip lines to protect root zones from damage by construction activities.

Installation of the protective barrier must precede site development. These protective barriers are commonly a durable orange plastic and latticed fencing material. However, they may be any chain link or polyethylene laminar type material. The protective barriers must be at least 4 feet in height and placed 5 feet beyond the drip line of trees to be protected.

The drip line is determined by the furthest points of tree foliage. From these points, the 5-foot buffer is delineated.

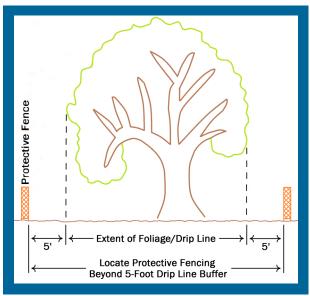
The figures to the right best illustrate the relationship of the drip line, buffer, and protective fencing location.

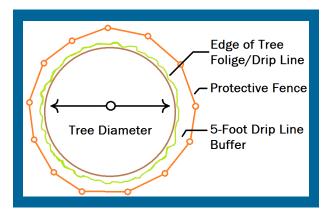
Permitted Activities within a Protective Barrier

Sidewalks and utilities may be located within the drip line of a protected tree, provided that construction methods and materials used will result in minimal disruption to tree roots, and that additional measures for tree protection are proposed which will ensure the long-term viability of the tree.

Minor alteration of grades within the protected area may be permitted. Applicants must submit an evaluation conducted by a certified arborist which demonstrates that the proposed construction will not reduce the long-term viability of the tree.

Structures may extend into the drip line buffer only if they are fully elevated above the ground within the 5-foot buffer. All other structures, infrastructure, and construction activities not exempted are *prohibited* within the protective barriers.





Applicable Code Sections

RCZ 21.72.070: Tree Protection Measures

Questions: 425-556-2494 or planneroncall@redmond.gov.

You can also visit us in person at the Development Services Center located on the 2nd floor of City Hall. Open Monday through Friday from 8 am to 5 pm.

Development Services Center 15670 NE 85th St PO BOX 97010 Redmond, WA 98073