



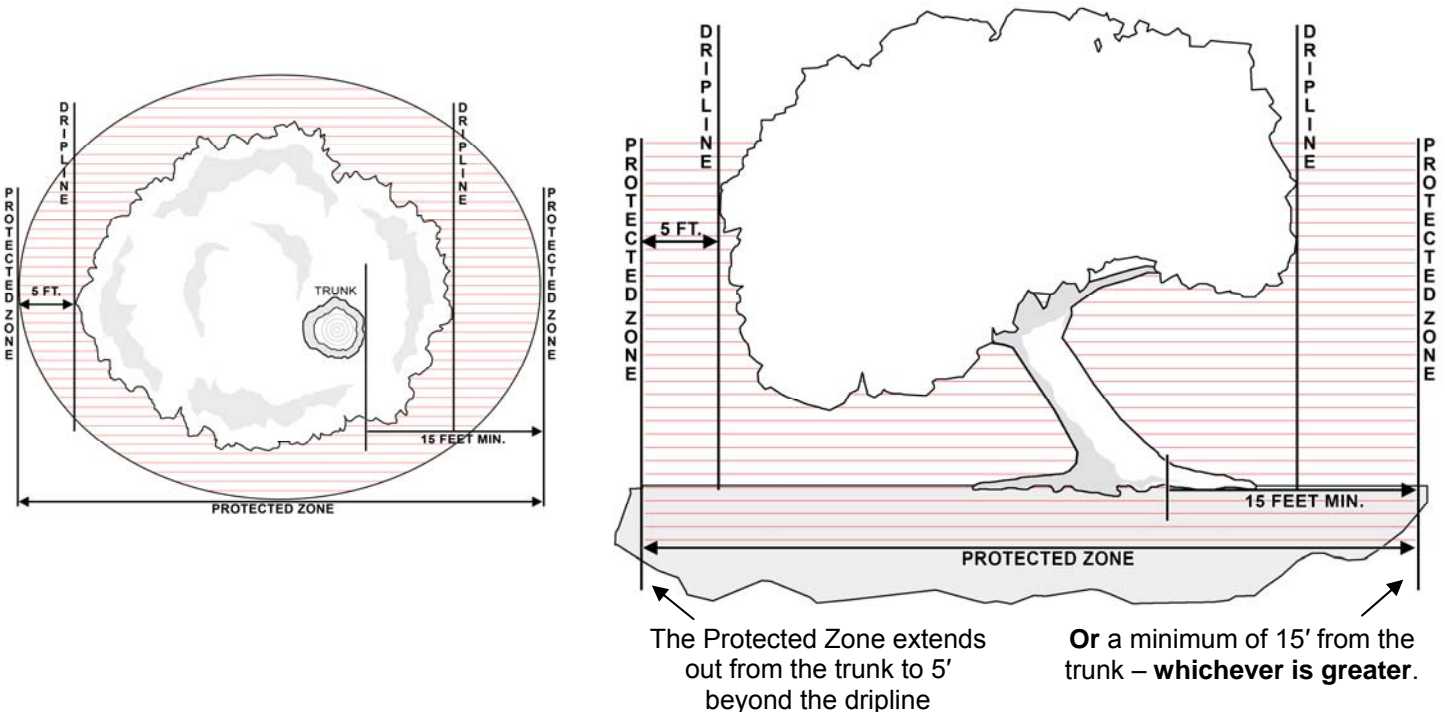
Performance Standards for Ministerial Tree Permits

County of Ventura • Resource Management Agency • Planning Division
800 S. Victoria Ave., Ventura, CA 93009 • (805)654-2488 •
www.ventura.org/rma/planning/Permits/tree.html

All Ministerial Tree Permits issued by the Ventura County Planning Division shall be deemed to incorporate the following performance standards, pursuant to Sec. 8107-25.6 of the Ventura County Non-Coastal Zoning Ordinance, except as the permit may otherwise specifically provide. The Permittee is responsible for ensuring compliance with these standards.

Definition of Terms:

Tree Protected Zone (TPZ). Tree protection zone (TPZ) is used to describe the critical area of protection under a tree. Given the high sensitivity of native trees, especially oaks, great care must be taken when work is conducted near these trees. The TPZ extends out from the trunk to 5 feet beyond the dripline, **or** a minimum of 15 feet from the trunk—whichever is greater.



Protected Tree. As used in these Performance Standards, protected tree means trees protected under Ventura County's Tree Protection Ordinance that are to remain—including those growing on adjacent parcels—whose tree protection zones (TPZs) are within 20 feet of trees to be removed or the limits of the construction area (including access roads and storage areas).

Performance Standards

- A. Timing.** Pruning, removing or other tree alteration that could potentially disrupt known bird nests should take place between August 15th and February 1st. (More information at www.ventura.org/rma/planning/pdf/bio/Protection_of_Nesting_Birds.pdf)
- B. Tree Protection Fencing.** If there are remaining protected trees whose TPZs are within 20 feet of the construction envelope (e.g., any area that will be used during construction, including roads and storage areas), tree protection fencing shall be installed prior to any

clearing, grubbing, trenching, grading, or land disturbances. The fencing shall be installed around the edge of the TPZ (or at the location of their approved encroachment), unless otherwise recommended in an Arborist Verification, Arborist Report or by Planning Division staff.

Verification that tree protection fencing has been installed shall be provided to the Planning Division before construction commences.

Tree protection fencing shall remain in place during all phases of construction. Damaged fencing shall be immediately replaced or repaired.

1. Type of fencing. The fencing shall be temporary, readily visible, and a minimum of 4-feet high and constructed of chain link, orange plastic mesh fence, or a similarly durable material with stationary posts set at no greater than 10-foot intervals. The fencing shall effectively: 1) keep the foliage, crown, branch structure and trunk clear from direct contact and damage by equipment, materials or disturbances; 2) preserve roots and soil in an intact and non-compacted state; and 3) identify the TPZ.
2. Signing. One English language and one Spanish language, readily-visible, durable, waterproof sign shall be installed on the fence in 4 equidistant locations around each individual protected tree. Signs placed on fencing around a stand of protected trees shall be placed at approximately 50-foot intervals. The size of each sign must be a minimum of 16 inches wide and must contain the wording below. The lettering in the word "WARNING" (and Spanish equivalent) must be in capital letters at least 2 inches in height; the phrase "TREE PROTECTION ZONE" must be in capital letters at least 1 inch; size; all other lettering must be at least ½ inch in size.

WARNING TREE PROTECTION ZONE

Entry prohibited. This fence shall remain in place
throughout the entire construction period.

To report violations, contact
VENTURA COUNTY CONDITION COMPLIANCE: 805/654-2457

ADVERTENCIA ZONA DE PROTECCIÓN DE ÁRBOLES

Entrada prohibida. Esta cerca debe permanecer
en su lugar durante el periodo de construcción.

Para reportar violaciones, contacte al
ENFORZAMIENTO DE PERMISOS DEL CONDADO DE VENTURA:
805/654-2457

C. Tree Protection Requirements Onsite and Conveyed to Workers. The approved Tree Permit shall be on-site during construction activity. The Permittee shall provide a copy of the Tree Permit and these Performance Standards to all responsible parties who will be performing work around protected trees.

D. Tree Protection Zone Restrictions.

1. No ground disturbance, grading, trenching, construction activities or structural development shall occur within the tree protection zone (TPZ) except as specifically authorized by the Tree Permit.
2. No equipment, soil, or construction materials shall be placed within the TPZ. No oil, gasoline, chemicals, paints, solvents, or other damaging materials may be deposited

within the TPZ or in drainage channels, swales or areas that may lead to the TPZ.

3. The placement of impervious paving materials in the TPZ shall be minimized. Pervious paving materials, such as interlocking pavers, gravel or pervious asphalt, may be used.
4. All work done within the TPZ, including brush clearance, digging, trenching and planting, shall be done with hand tools or small hand held power tools that are of a depth and design that will not cause root damage.
5. Roots that are 2" or more in diameter inside the TPZ may not be cut without a tree permit. Where trenching or digging within the TPZ is specifically permitted, the work shall be conducted in a manner that minimizes root damage. This generally involves tunneling under roots, or boring or drilling trenches. Damage to minor roots shall be traced back and cleanly cut behind any split, cracked or damaged area. Any roots exposed by trenching or digging shall be kept moist and covered with earth as soon as possible. Upon completion and back fill of the trench, the area of wounded roots shall be thoroughly watered.
6. Grade changes outside of the TPZ shall not significantly alter drainage to protected trees. Grading within the TPZ shall use methods that minimize root damage, ensure that roots are not cut off from air, and permanently re-stabilize the soil in cases where grading predisposed the soil to erosion. The following apply:
 - i. Unless approved in a tree permit, no fill greater than 6" shall be placed within the TPZ of protected trees and no fill whatsoever shall be placed within 10' feet of their trunks. Permitted grade fills over 6 inches or impervious overlay within the TPZ shall incorporate an approved permanent aeration system, permeable material or other approved system to minimize any potential damage to roots caused by reduced soil gas exchange.
 - ii. Unless approved in a tree permit, no grade cuts greater than 4" shall occur within the TPZ of protected trees and no grade cuts whatsoever shall occur within 10' of their trunks. Permitted grade cuts within the TPZ exceeding 4 inches shall incorporate retaining walls or other systems that permanently stabilize the soil.
7. Unless approved in a tree permit, protected trees shall not be used for posting signs, electrical wires or pulleys; for supporting structures; and shall be kept free of nails, screws, rope, wires, stakes and other unauthorized fastening devices or attachments.

E. Tree pruning methods.

1. Pruning standards. All pruning shall be in compliance with the International Society of Arboriculture (ISA) Tree-Pruning Guidelines and ANSI Standard A300 (Part 1).
2. Deadwood. All dead wood removal or pruning shall be done in accordance with International Society of Arboriculture standards. Except for approved tree removal, climbing gaffs shall not be used by any tree climber on live wood.
3. Aesthetic pruning. No living limbs that amount to more than 20 percent of the trunk's girth may be removed from protected trees solely for the purpose of altering the appearance of a tree.

F. Tree removal methods.

1. Directional felling. Appropriate methods of felling trees, such as directional felling or rigging down, shall be used to avoid damage to remaining protected trees.
2. Stump removal. Unless root removal is recommended by an arborist for disease management, the stumps of the trees removed within the TPZ of the remaining trees should be ground down to just below the ground surface level and not excavated.

