



Community Development Department
11 English Street
Petaluma, CA 94952
<http://cityofpetaluma.net>

Building Division
Phone: (707) 778-4301
Fax: (707) 778-4498
To schedule inspections: (707) 778-4479
Email: cdd@ci.petaluma.ca.us

Trellis/Patio Cover Information

The following items must be provided and/or shown on the three (3) sets of plans that are submitted.

1. Completed and signed permit application.
2. Plot plans showing:
 - a. Proposed location of project (hash mark area).
 - b. Dimension distance from post to property lines.
 - c. Provide total dimension of trellis/patio cover.
 - d. Provide north arrow.
3. Three sets of plans showing proposed work.
4. Provide project address on all plan sheets.
5. Provide wet signature of person responsible for plans on all plan sheets.
6. Provide foundation details showing:
 - a. Size of footing.
 - b. Connection of post to footing.
 - c. If post is to be placed into earth, provide 6" of gravel with post embedded into earth $\frac{1}{3}$ the distance above the earth and encased in concrete. The post must be treated wood or wood of natural resistance to decay.
 - d. Size of post to be used and species of wood.
 - e. Note that wood that is not treated wood or wood of natural resistance to decay must be 1" above concrete.
 - f. If post is to be attached to an existing concrete slab, it is recommended that an adjustable post base be used. Show and specify type of connection of existing slab and post.
7. If there is an existing slab and the trellis/patio cover is to be over it, specify that there is an existing slab. This will save several questions.
8. Provide top, side and front elevations or provide a three-dimensional drawing; in either case the drawings (plans) should show items listed in this handout.
9. Show and specify on plans type of connection of post to beam or header.
10. Specify size of header and species of wood.
11. Specify and show the spacing of posts to determine the span of the headers.

12. Show the height of the header above slab or grade. The minimum height above grade is 6'8".
13. Show and specify on plans type of connections of header or beam to rafters.
14. Provide the following: Rafters shall be supported laterally at ends and at each support by solid blocking except where the ends of rafters are face nailed to a header, band or rim joist or to an adjoining stud or by other approved means (mechanical connection).
15. Provide the size of the rafters and specify the species and grade of wood.
16. Show type of connection of rafters to beams or headers.
17. Show and specify the spacing and spans of rafters.
18. Show and specify the connections of rafters to house, if trellis/patio cover is to be attached to house or show connections to beams or headers.
19. Note that rafters are not allowed to attach to fascia board or rafter tails unless engineered to do so.
20. Show connection of rafters to ledger, if used.
21. Show method of providing lateral bracing.
22. Show and specify method of attaching ledger to house, i.e., 2-16 penny galv. nails or 1 each $\frac{3}{8}$ " x 5" lag bolts at every stud.
23. Dimension all overhangs, if any.
24. If some type of covering (2 x 2's, plywood, plastic sheets, lattice work) is to be installed, provide species, size, spans, dimensions, and connections of covering.

Please check and recheck the required minimum building setbacks. This is a very common and sometimes costly mistake and will delay the start time of your project.