



Permitting and Inspections Department
Michael A. Russell, MS, Director

Submission Guidelines for Decks

The following is a guideline of information required for the review of a building permit application for a residential deck. It is intended to help you supply proper and complete drawings and documents. Please label all of the following items on your plans. Refer to the One- and Two-Family Addition/Alteration Checklist for complete submission requirements and instructions.

- ✓ A plot plan showing all existing and proposed structures with distances to property lines and dimensions of the proposed deck platform(s) and stairs
- ✓ Additional drawings showing all of the following information:

1. Type of foundation system

- a. Diameter of concrete filled tube or pre-cast concrete pier size 8"
- b. Depth below grade (minimum 4' below grade)
- c. Spacing of tubes

2. Posts (members supporting framing of floor system)

- a. Wood size, type and location 2x10 Framing
- b. Anchorage of post to footing Simpson Base Attached To 1/2" anchor

3. Framing members

- a. Ledger size attached to building 2x10
- b. Lag bolt size and spacing on ledger 1/2" GRK - 2 per 16"
- c. Lateral attachment to building
- d. Location and type of flashing Plastic Ledger Flashing
- e. Girder size and spans carrying floor system
- f. Joist size, span, spacing and hanger type 2x10 x 10'4" - 16" OC - 2x10 Simpson Hangers
- g. Decking size 1x6 PT Decking
- h. Post connection See Drawing

4. Guardrails and handrail details

- a. Guardrail height
- b. Baluster spacing
- c. Handrail height

5. Stair details

- a. Tread depth (measured nosing to nosing) 11"
- ✓ b. Riser height 7" or less
- c. Nosing projection of tread 3/4"
- ✓ d. Width of stairs 4'
- e. Landing size(s) NA