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
   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
   b. Anchorage of post to footing

3. Framing members
   a. Ledger size attached to building
   b. Lag bolt size and spacing on ledger
   c. Lateral attachment to building
   d. Location and type of flashing
   e. Girder size and spans carrying floor system
   f. Joist size, span, spacing and hanger type
   g. Decking size
   h. Post connection

4. Guardrails and handrail details
   a. Guardrail height
   b. Baluster spacing
   c. Handrail height

5. Stair details
   a. Tread depth (measured nosing to nosing)
   b. Riser height
   c. Nosing projection of tread
   d. Width of stairs
   e. Landing size(s)