

### Checklist items for plan reviews of Deck

1. Deck dimensions
2. Pier size (diameter)
3. Pier depth
4. Post size along with anchoring method to concrete pier
5. Pier layout with dimensions between piers
6. Framing plan labeling and identifying all material along with spacing of framing
7. Solid blocking if spans are greater than 8'
8. Elevation view of deck to existing grade
9. Cross section of deck assembly
10. Ledger board detail showing method of attachment to structure along with flashing and joist hangers
11. Deck cantilever dimensions if framed with beam support or doubled up box framing with joist hangers
12. Guardrail detail of framing to be installed
13. Stair detail showing stringer material along with rise/run of stairs and guardrail/handrail if proposed. Verify that frost protection is under the stair stringers with 3 or more risers

A complete set of construction drawings for the deck. The drawings must include the following:

- Framing plan showing all concrete piers, posts, beams, floor joists, and decking.
- Framing cross section.
- Details showing how the deck will be connected to the house.
- Handrail and guardrail details.
- Location of stairs and Stair details

The rails and stairs for Deck must conform to specific codes.

For the stairs the maximum riser shall be 7 3/4 inches in the minimum tread depth shall be 10 inches. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8", and the greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 ". Porches, balconies or raise floor surfaces located more than 30 inches above the floor or grade below must have guardrails that are not less than 36 inches in height. Open sides of stairs with a total rise of more than 30 inches above the floor or finished grade below shall have guardrails not less than 34 inches in height measured vertically from the nosing for the treads. Required guardrails on open sides of stairways, raise floor areas, balconies and porches shall have intermediate rails or ornamental closures which do not allow passage of an object 4 inches or more in diameter. All stairways must have a graspable handrail that has a minimum cross-section diameter of 1-1/4 inches and a maximum cross-section diameter of inches. This handrail must have a minimum height of 30 inches and a maximum height of 38 inches measured vertically from the nosing of the stair treads, and must be provided on at least one side of the stairway if it has three or more risers.

A drawing of the proposed stairs in guardrails must be submitted with your application.

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