

Village of New Baden General Deck Construction Guidelines

*See back for corresponding points on the diagram

- A. The maximum distance allowed between the guardrails is 4 inches.
- B. The handrail grip size must be between 1 ¼ and 2 inches.
- C. If there are three or more risers on the stairs a handrail on both sides of the stairs is required. The handrails must measure between 34 and 38 inches vertically from the nosing of the stair tread.
- D. The maximum height for a stair tread riser is 7 ¾ inches.
- E. The minimum distance for a landing tread is 10 inches.
- F. If the height of the deck is above 30 inches from the ground level a guardrail must be installed. The minimum height of the guardrail is 36 inches. Decks higher than 30 inches off the ground: Shall be built with six inch by six inch posts;
- G. Floor joists that do not rest on at least a 1 ½ inch ledger are required to be fastened with a joist hanger and approved joist hangar nails.
- H. The minimum distance from the top of the finished grade to the bottom of the pier hole is 30 inches.
- I. Specify the type of fasteners that will be used for connecting the floor joist to the support columns.
- J. Specify the size and type of material that will be used for the support columns.
- K. Specify the size, grade, and spacing of floor joist.
- L. Specify the size, grade, and application of the deck planking.
- M. The footing or pier hole width is determined by the load imposed. Specify the footing or pier hole width. (Normal Loads are 6" Width) Elevated decks over 6' require sizing.
- N. Specify the locations of the pier holes.

PLEASE NOTE: These guidelines are not a comprehensive presentation of all the ordinances involved in placing or constructing a deck. If you have questions or concerns please contact Jerry Green at (618) 799-8828

→ Pier Inspection Required Before Pouring
Final Inspection Required

