

Village of Poplar Grove
BUILDING DEPARTMENT
200 Hill Street Poplar Grove, IL 61065

Codes for Decks in Residential Districts

Deck: Exterior floor system supported on at least two opposing sides for an adjoining structure and or posts, piers, or other independent supports as approved by the Building Department.

314.1 Width: Stairways shall not be less than 36 inches in clear width at all points above the permitted handrail height.

314.2 Tread and Risers: The maximum riser height shall be 7 ³/₄ inches and the minimum tread depth shall be 10 inches. The riser height shall be measured vertically between leading edges of the adjacent treads. The tread of the foremost projection of adjacent treads and at a right angle to the treads leading edge. The walking surface of treads and landing surface of a stairway shall be sloped no steeper than one unit vertical and 48 units horizontal. (2% slope). The greater riser height within any flight of stairs shall not exceed the smallest by more than 3/8 of an inch. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 in.

315.1 Handrails: Handrails having minimum and maximum heights of 30 inches and 38 inches, respectively, measured vertically from the nosing of the treads, shall be provided on at least one side of stairways of three or more risers. All handrails must end at posts or return to walls.

315.3 Guardrail Details: Porches, balconies, or raised floor surfaces located more than 30 inches above the floor or grade below shall have a guardrail not less than 36 inches in height.

315.4 Guardrail Opening Limitations: Required guardrails of open sides of stairways raised floor areas, balconies and porches, shall have immediate rails or ornamental closures which do not allow passage of an object 4 inches or more in diameter.

Exception: The triangular openings formed by a riser, tread, and bottom rail of a guard at the open side of a stairway may be of such a size that a sphere 6 inches cannot pass through.

Frost Footings: Defined as the lowest level below ground surface to which a temperature of 32 degrees F (0 degrees C) extends. In this region it is 42 inches according to the U.S. Weather Bureau which can be found in BOCA National Building Code 1993, Section 1806.1.

Setbacks: See zoning inspector.

Requirements for permits

- 1) Site plan sketch
 - Existing structure
 - Proposed deck
 - Dimensions from proposed deck to property lines
 - Specifications on deck: plans preferred
- 2) Owner Name, Address, and Phone Number
- 3) Contractor's Name, Address, and Phone Number
- 4) Value of construction