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## Pennsylvania Uniform Construction Code DECK BUILDING PERMIT REQUIREMENTS

A Building Permit is required for a deck where the floor surface is greater than 30 inches above grade at any point.

1. General Construction
  - a. All lumber must be pressure treated or naturally durable, such as redwood or cedar.
  - b. All hardware must be non-corrosive.
  - c. The footings must be a minimum of 36 inches below grade.
  - d. The guardrail vertical balusters may have a maximum opening such that a 4" diameter sphere cannot pass through.
  - e. The guard rail height may be a minimum of 36-inches and a maximum of 42-inches.
2. Application Requirements
  - a. Obtain Township Zoning Approval
  - b. Complete a Building Permit Application
  - c. Provide four (4) copies of a construction documents, including a site plan.
  - d. The construction documents shall include the following:
    - i. Size and spacing of joists
    - ii. Size and spacing of posts
    - iii. Size of beam
    - iv. Size and method to attachment of ledger (the ledger shall be attached to the building using lag or through-bolts only)
    - v. Height of deck above grade
3. Required Inspections
  - a. Footing (performed when footings are excavated, prior to pouring concrete)
  - b. Framing (performed prior to installing decking boards – this inspection may be omitted at the discretion of the Building Code Official if the framing can be observed from below once the decking boards are installed).
  - c. Final (performed when the deck, guardrails, stairs and all associated work is complete).

### MAXIMUM ALLOWABLE LUMBER SPANS

#### Deck Joists

Joist Size	Deck Joist Spacing			
	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
2" x 6"	10'-0"	9'-1"	8'-7"	7'-11"
2" X 8"	13'-2"	12'-0"	11'-3"	10'-2"
2" x 10"	16'-10"	15'-2"	13'-10"	12'-5"
2" x 12"	20'-4"	17'-7"	16'-1"	14'-4"