

## WOOD DECKS

This document is for information only.  
You will need to fill out a  
Building Permit Application  
Costs involved: Permit Fee and Inspection Fee

## CONSTRUCTION SPECIFICATIONS

### PIERS/FOOTINGS:

- Minimum depth of 42 inches
- Minimum 10 inch diameter or 12 inch square

### POSTS:

- Pressure treated or water resistant
- All posts for decks under 30 inches from grade may be 4x4, all over 30 inches have to be 6x6

### BEAMS:

- Splices in beams to be made over post or pier
- All beams must be fastened together and bear directly on a post or installed to either side of the post and open space between beam shall be blocked with a 2x4 every 2 feet
- All post to beam connectors shall be galvanized metal

### FLOOR JOISTS:

- Maximum 16 inch center joists when using 5/4 decking
- Shall bear on both halves of beam when beam is attached to either side of post beam
- When beams are fastened together, joist may bear directly on beam or hang from beam with approved galvanized joist hanger
- Must be rated at 40 psf live load

### STAIRS:

- Maximum 7 ¾ inch riser height and 11 inch tread width
- All treads must be same depth
- Risers may not vary more than 3/8 inches

### HANDRAILS:

VILLAGE OF PECATONICA  
Wood Decks

- Required on stairs greater than 30 inches from grade
- Maximum spacing between balusters is 4 inches
- Guardrails required on SI decks 30 inches or more above grade
- Guardrails shall not be installed in a manner that creates a ladder effect

CONNECTORS:

- Joist hangers shall be full depth of joist and approved joist hanger nails or 16 penny galvanized

LOCATION

CALL J.U.L.I.E. (1-800-892-0123) PRIOR TO DIGGING

- BUILDER/OWNER IS RESPONSIBLE FOR LOCATION OF DECK ACCORDING TO APPROVED SITE PLAN, PROPERTY LINES, EASEMENTS, & SETBACKS.
- No deck may be placed as to cover utility meters.
- No deck may be placed within any easements or drainage ways.
- No deck may be placed within any required front, side, corner side, or rear yards.
- The Building Officer may locate to the deck within 6' of the rear lot line, subject to review.

ITEMS TO SUBMIT WITH APPLICATION

- 1 copy of the Site Plan with the proposed location of the deck drawn to scale with dimensions, including elevations showing finished grade.
- A list of construction materials.

INSPECTIONS

- After pier holes (footings) are dug AND prior to pouring concrete
- After framework is complete prior to installation of decking materials
- Final Inspection: after deck is completed
- Work must begin within 6 months of issuance of permit
- GIVE PERMIT NUMBER AND ADDRESS WHEN CALLING IN FOR INSPECTIONS.