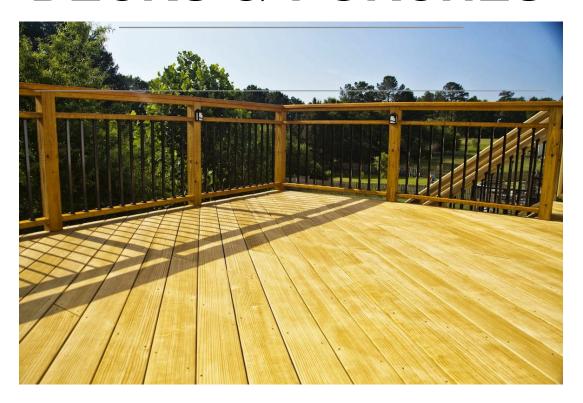
RESIDENTIAL DECKS & PORCHES



Residential decks shall be designed to 60 psf in ground snow load areas 72 psf and below. Ground snow load areas in excess of 72 psf shall be designed to 70 psf or engineered by a licensed State of Washington Engineer.

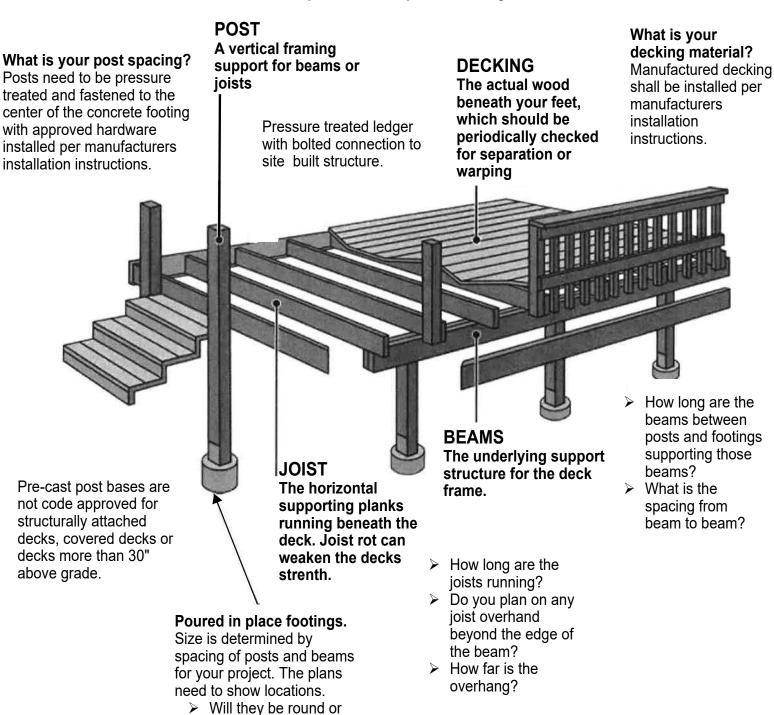
The enclosed pages are for informational purposes only, and may or may not be all inclusive of work required to meet the provisions of the code.

If your property is located in the National Scenic Area, the Columbia River Gorge Commission may require you to comply with all National Scenic Area regulations. Please contact the Planning Department at (509) 427-3900.

DECK CONSTRUCTION & FRAMING

- Decks adjacent to manufactured homes shall be free-standing. Covered decks that are free-standing require greater post embedment into the ground.
- Deck footings shall not be poured onto or into fill without a compaction report and engineering

Here's a look at some of the important components of your deck:



square?

the footings?

is required.

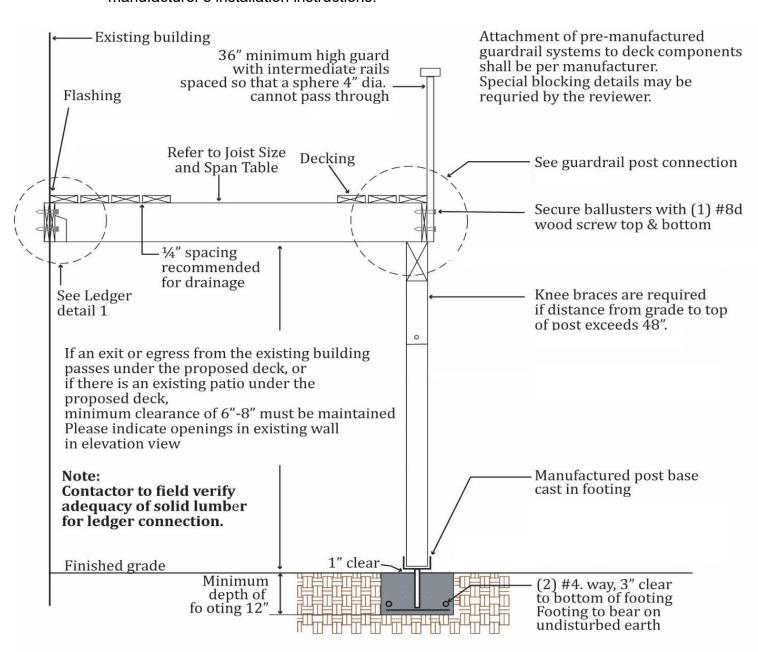
➤ How do you plan to do

Minimum 18" frost cover

Decks cannot structurally attach to cantilevers, bay windows, stone or masonry veneer or surface materials.

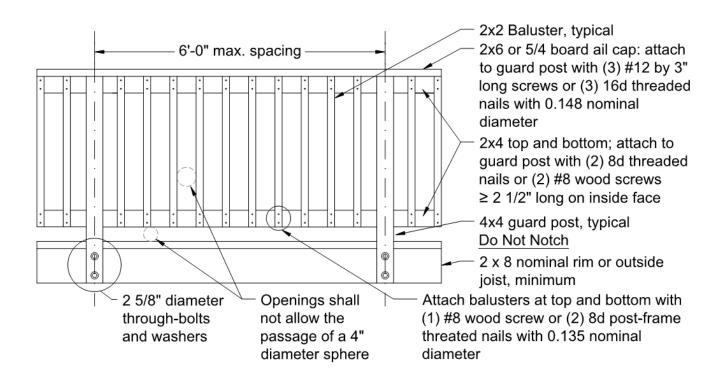
DECK CONSTRUCTION NOTES

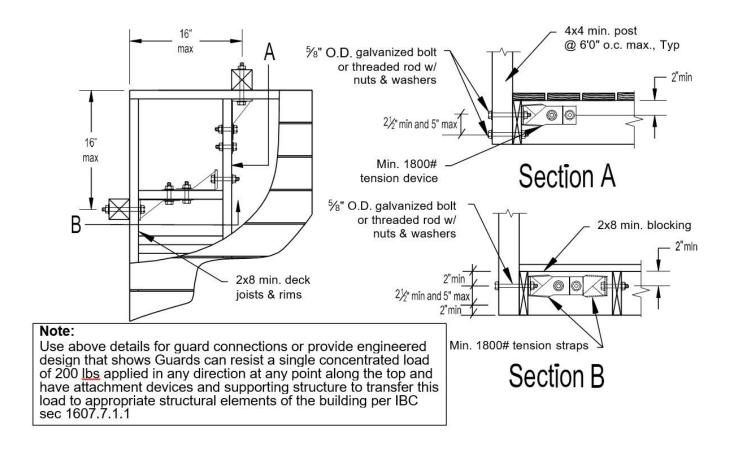
- Design loading for decks is based on 60 pounds per square feet (PSF) live load, 10 PSF dead load, and 2000 PSF soil-bearing capacity.
- The illustrations and information in this handout may be used for decks whether or not they require a permit.
- All wood must be pressure-treated or naturally resistant to decay. Treat cuts, holes, and notches with end-cut solution.
- Fasteners, hangers, nails, etc., must be stainless steel, hot-dipped galvanized, or as specifically required for the specified wood preservative used. The coating weights for zinc-coated fasteners to be in accordance with ASTM A 153. Provide documentation in the field showing the required fastener protection for the wood chosen for your deck.
- You may modify any components of this handout using accepted engineering practices.
 Any modifications must be reviewed prior to permit issuance. All attachments must be permanufacturer's installation instructions.



GUARDS & ATTACHMENTS

Guards are required when the deck is more than 30 inches above grade.





STAIRWAY GEOMETRY

- Stair riser dimensions. Riser height is measured vertically between the tops of adjacent treads. Riser heights are to be uniform throughout the stairway. A 3% maximum difference is allowed in riser heights.
- Stair tread dimensions. Stair treads are measured horizontally between nosing's of adjacent treads. Tread depths are to be uniform throughout the stairway. A 3/8 maximum difference is allowed in tread depths.
- Handrails required. At least one handrail must be provided when a stairway is installed and when such stairway has for or more risers.

