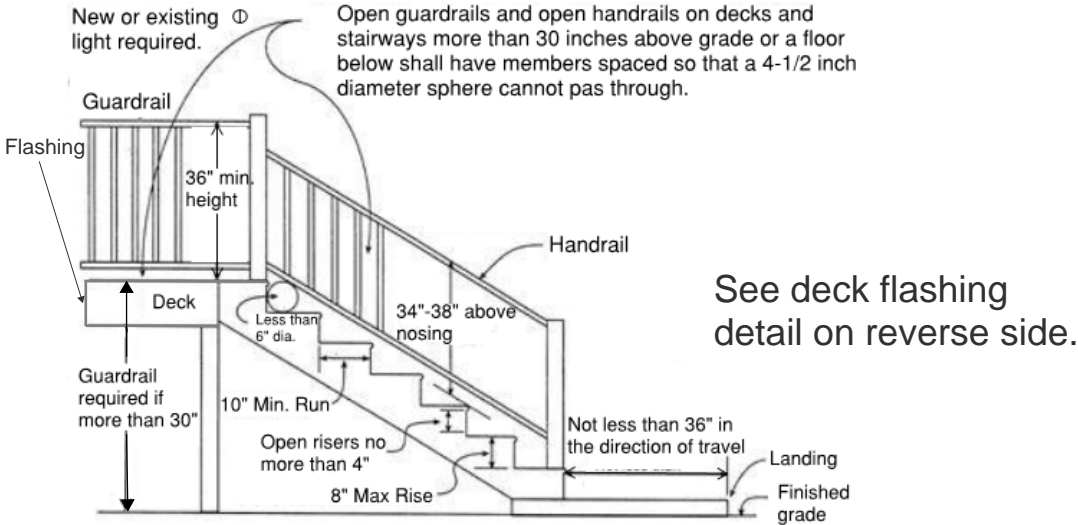




# DECKS

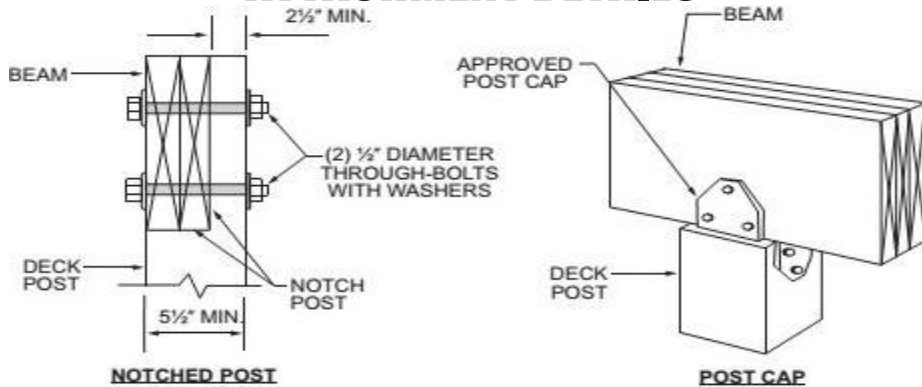
## REQUIREMENTS FOR DECKS, AS SPECIFIED BY THE INTERNATIONAL RESIDENTIAL CODE



## STAIRWAY & HANDRAIL REQUIREMENTS

1. Stairways shall be not less than 36 inches in width.
2. Stairway risers shall be not greater than 8 inches.
3. Stairway treads shall have a minimum run of 10 inches (nose to nose).
4. The length of Run and the height of Riser shall not vary more than 3/8 inch in the entire run of the stair.
5. Exterior stairways shall be provided with an artificial light source located at the top landing of the stairway.
6. A nosing projection not less than 3/4" and not more than 1-1/4" shall be provided on stairways with solid risers.
7. A landing is required at the top and bottom of the stairs, no less than 36" in the direction of travel.
8. Handrails shall be continuous on at least one side of stairs with four or more risers.
9. Handrails shall be placed not less than 34 inches nor more than 38 inches above stair nosing.

## ATTACHMENT DETAILS



DECK POST HEIGHT<sup>a</sup>

DECK POST SIZE	MAXIMUM HEIGHT <sup>a</sup>
4 x 4	8'
4 x 6	8'
6 x 6	14'

For SI: 1 foot = 304.8 mm.

a. Measured to the underside of the beam.

See reverse side for deck flashing detail.

## PLAN SUBMITTAL REQUIREMENTS

1. **Site plan** — Show the distance from deck to property lines and show any existing structures that are on the lot, along with their dimensions. Also show any overhead electric drops.
2. **Deck dimensions**
3. **Pier footing location**
4. **Joist, beam, column size and spacing.**

## WORK EXEMPT FROM PERMIT

Porches, decks and similar uses that are less than 30 inches from floor to grade at any point and are not roofed or enclosed do not require a building permit.

## OTHER REQUIREMENTS

- Use the correct nails (not screws) to attach joist hangers.
- Use 1/2-inch diameter (minimum) lag screws to attach ledger to building.
- Flash connection to building.
- Minimum footing size 12" round. Size may be required to increase depending on load.
- Minimum footing depth 34" below grade.

**Risk Reduction**  
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# Deck Flashing

