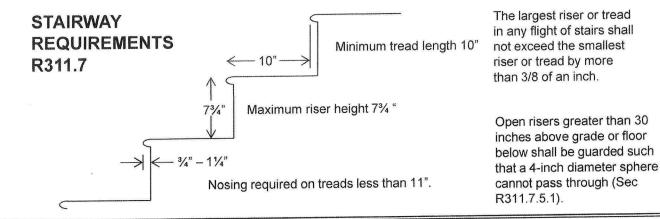
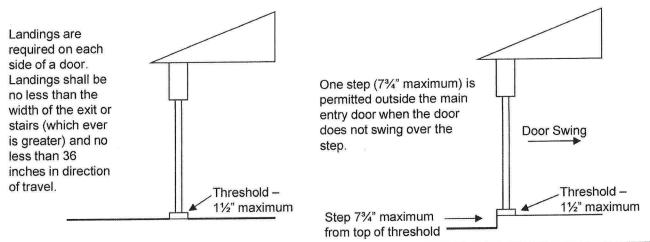


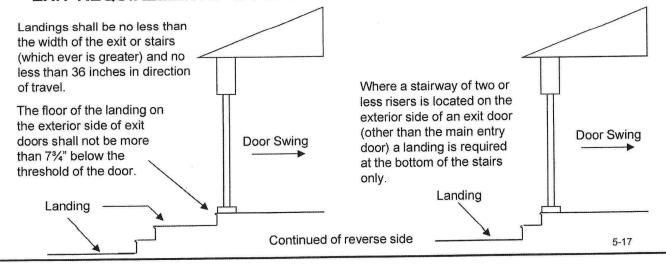
STAIR HANDOUTS RESIDENTIAL DECKS, EXITS AND GUARDRAILS



EXIT REQUIREMENTS - MAIN EXIT DOOR (FRONT DOOR OF HOUSE)



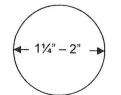
EXIT REQUIREMENTS - DOORS OTHER THAN THE MAIN EXIT DOOR



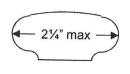


HANDRAIL CONFIGURATIONS

Type I Handrails



Circular cross-section – Diameter: $1\frac{1}{4}$ " – 2"



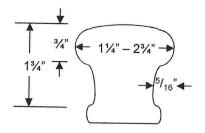
Type II Handrails - Perimeter greater than 61/4" with graspable finger recesses

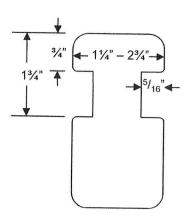
Cross-section: $1\frac{1}{4}$ " - $2\frac{3}{4}$ " above the finger recess

Finger recess depth: 5/16" minimum

Finger recess location:

- Must begin a maximum of 3⁄4" from top
- Must extend at least to 13/4" from the top

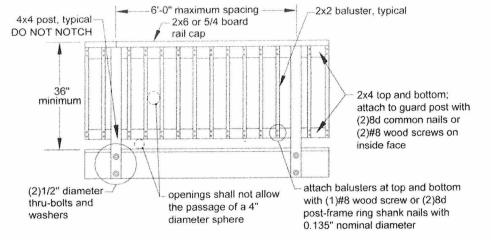






STAIR HANDOUTS RESIDENTIAL DECKS, EXITS AND GUARDRAILS

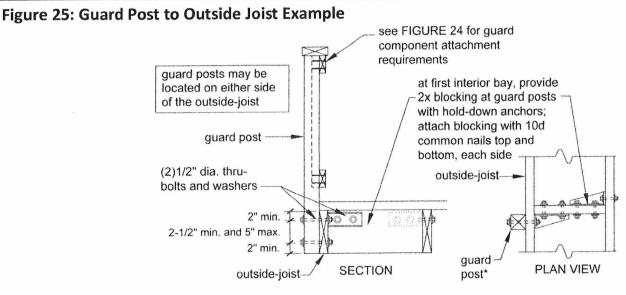
Figure 24: Example Guard Detail



GUARD POST ATTACHMENTS

Deck guard posts shall be a minimum 4x4 (nominal) No.2 or higher grade (for species listed in Table 1) with an adjusted bending design value not less than 1,050 psi. **GUARD POST TO OUTSIDE JOIST:** Guard posts

for guards which run parallel to the deck joists shall be attached to the outside joist per Figure 25.



*guard posts can be installed as shown in Figure 26 (between joists) if blocking is installed as shown above within 12" of each side of the post

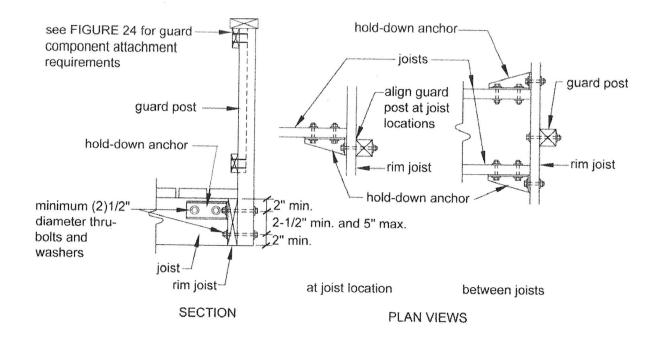
GUARD POST TO RIM JOIST: Guard posts for guards that run perpendicular to the deck joists shall be attached to the rim joist in accordance with Figure 26. As shown in Figure 26, hold-down anchors must be installed to attach the guard post and rim joist to the deck joists. There shall be a minimum of two ½" diameter bolts at the hold-down anchors' attachment to the joist. Only hold-down anchor models meeting these minimum requirements shall be used.

Continued reverse side



STAIR HANDOUTS RESIDENTIAL DECKS, EXITS AND GUARDRAILS

Figure 26: Guard Post to Rim Joist Example



SECTION R312

Guards shall be located along open-sided walking surfaces, including stairs, ramps and landings, that are located more than 30 inches measured vertically to the floor or grade below at any point within 36 inches horizontally to the edge of the open side.