Exterior Landings & Stairs – Residential

**December 2019**

*42-in guardrail if walking surface is 30-in above grade.*

*Handrail required if 4 or more risers, 34-in to 38-in from plane of nosing of stairs to top of handrail.*

4-in opening max at landing and 43/8-in opening max at open side of stairs; 6-in opening OK at tread

Tread 10-in min., rise 7.75-in max.,

2x6 treads/risers.

Cut from 2x12 @ 32-in o.c. min., P.T.

Thru-bolt

PB

**GUARDRAIL NOTES [CRC R312.1]**

- 42-in min. height
- Guardrails at stairs may be 34-in to 38-in
- 4-in opening max at landing and 43/8-in opening max at open side of stairs; 6-in opening OK at tread
- Construction to resist a 20 plf horizontal load perpendicular to top rail

**HANDRAIL NOTES [CRC R311.7.8-R311.7.9]**

- Continuous for full run of stairs
- Grippable surface with no sharp corners
- Railing height between 34-in to 38-in

- Grips must be 1¼-in to 2-in; max. projection 1½-in between wall and rail
- Ends shall return to wall or newel posts

**LANDING NOTES [CRC R311.3]**

- Slope maximum ¼-in/ft
- Landing 73/4-in below door OK, no swing over landing; swing/storm doors exempt

**WOOD DECKING/POSTS [CRC R502.1]**

- Pressure-treated or natural wood of natural resistance to decay, or other approved material for exterior locations