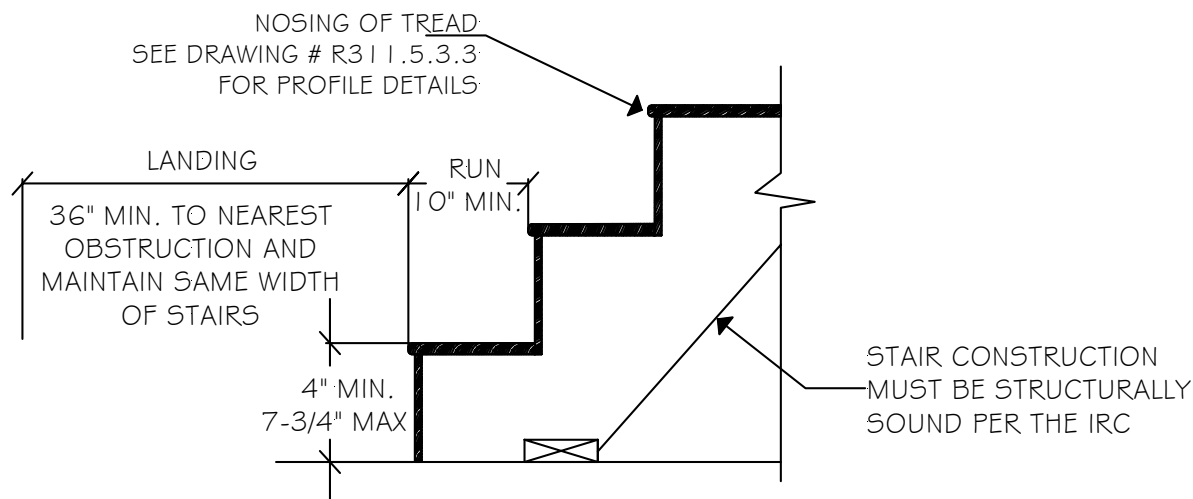




Southwest Washington Chapter of ICC

This construction detail is accepted as meeting the minimum standard of construction as based upon the 2003 IRC / WAC 51-51 requirements and is accepted in the following regional jurisdictions

Cities of; Camas, Centralia, Kalama, Ridgefield, Castle Rock, Vancouver, Washougal, Winlock, Woodland, Longview, Battle Ground,
Counties of; Clark, Cowlitz, Skamania, Lewis



TYPICAL RESIDENTIAL STAIR SECTION
R311.5.3.1

NOTES:

THESE REGULATIONS APPLY TO PRIVATE RESIDENTIAL STAIRWAYS ONLY. REFER TO THE 2003 EDITION OF THE INTERNATIONAL BUILDING CODE FOR THE CONSTRUCTION OF STAIRS OTHER THAN PRIVATE RESIDENTIAL.

FOR EXCEPTIONS RELATED TO THE CONSTRUCTION OF WINDING, CIRCULAR OR SPIRAL STAIRS SEE SECTION R311.5.8 OF THE INTERNATIONAL RESIDENTIAL CODE.

R311.5.3.1 RISER HEIGHT. THE MAXIMUM RISER HEIGHT SHALL BE 7-3/4 INCHES. THE RISER SHALL BE MEASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 OF AN INCH.

R311.5.3.2 TREAD DEPTH AND WINDERS. THE MINIMUM TREAD DEPTH SHALL BE 10 INCHES. THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREADS LEADING EDGE. THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH. WINDER TREADS SHALL HAVE A MINIMUM TREAD DEPTH OF 10 INCHES MEASURED AS ABOVE AT A POINT 12 INCHES FROM THE SIDE WHERE THE TREADS ARE NARROWER. WINDER TREAD SHALL HAVE A MINIMUM TREAD DEPTH OF 6 INCHES AT ANY POINT. WITHIN ANY FLIGHT OF STAIRS, THE GREATEST WINDER TREAD DEPTH AT THE 12 INCH WALK LINE SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH.

R311.5.3.1 2/04