

Marginal Markings

- Solid vertical lines indicate technical changes from 2012 IBC.
- - - Dashed vertical lines indicate technical changes in Seattle amendments.
- ➔ Solid deletion arrow indicates IBC text has been deleted.
- ⇨ Hollow arrow indicates Seattle amendments have been deleted.

Text Markings

- Underlining indicates Seattle amendments. ADULT FAMILY HOME.
- Italics indicate a defined term. *A dwelling* licensed.
- Strikethrough indicates Seattle deletions. (~~ADULT FAMILY HOME~~)
- A bracketed and underlined W indicates Washington state amendments. [W]

CHAPTER 6

WALL CONSTRUCTION

Note: this chapter includes only those sections of the 2015 International Residential Code for which amendments are proposed.

SECTION R602 WOOD WALL FRAMING

[W]~~(R602.7.5 Supports for headers. Headers shall be supported on each end with one or more jack studs or with approved framing anchors in accordance with Table R602.7(1) or R602.7(2). The full height stud adjacent to each end of the header shall be end nailed to each end of the header with four 16d nails (3.5 inches × 0.135 inches). The minimum number of full height studs at each end of a header shall be in accordance with Table R602.7.5.)~~

~~TABLE R602.7.5
MINIMUM NUMBER OF FULL-HEIGHT STUDS
AT EACH END OF HEADERS IN EXTERIOR WALLS~~

HEADER SPAN (feet)	MAXIMUM STUD SPACING (inches) (per Table R602.3(5))	
	16	24
< 3'	1	1
4'	2	1
8'	3	2
12'	5	3
16'	6	4

[W]R602.9 **Foundation** ~~(C)~~cripple walls. Foundation *cripple walls* shall be framed of studs not smaller than the studding above. When exceeding 4 feet (1219 mm) in height, such walls shall be framed of studs having the size required for an additional *story*.

Cripple walls supporting bearing walls or exterior walls or interior braced wall panels as required in Sections R403.1.2 and R602.10.9.1 with a stud height less than 14 inches (356 mm) shall be continuously sheathed on one side with wood structural panels fastened to both the top and bottom plates in accordance with Table R602.3(1), or the cripple walls shall be constructed of solid blocking.

All ~~(C)~~cripple walls shall be supported on continuous footings or foundations.

Exception: Footings supporting *cripple walls* used to support interior braced wall panels as required in Section R403.1.2 and R602.10.9.1 shall be continuous for the required length of the *cripple wall* and

constructed beyond the *cripple wall* for a minimum distance of 4 inches and a maximum distance of the footing thickness. The footings extension is not required at intersections with other footings.

[W]R602.10.11 Cripple wall bracing. Cripple walls shall be constructed in accordance with Section R602.9 and braced in accordance with this section. Cripple walls supporting bearing walls or exterior walls or interior braced wall panels as required in Section R403.1.2 shall be braced with the length and method of bracing used for the wall above in accordance with Tables R602.10.3(1) and R602.10.3(3), and the applicable adjustment factors in Table R602.10.3(2) or R602.10.3(4), respectively, except that the length of the cripple wall bracing shall be multiplied by a factor of 1.15. Where gypsum wallboard is not used on the inside of the cripple wall bracing, the length adjustments for the elimination of the gypsum wallboard, or equivalent, shall be applied as directed in Tables R602.10.3(2) and R602.10.3(4) to the length of cripple wall bracing required. This adjustment shall be taken in addition to the 1.15 increase.

SECTION R609 EXTERIOR WINDOWS AND DOORS

[W]R609.3 Testing and labeling. Exterior windows and sliding doors shall be tested by an *approved* independent laboratory, and bear a *label* identifying manufacturer, performance characteristics and *approved* inspection agency to indicate compliance with AAMA/WDMA/CSA 101/I.S.2/A440. Exterior side-hinged doors shall be tested and *labeled* as conforming to AAMA/WDMA/CSA 101/I.S.2/A440 or AMD 100, or comply with Section R609.5.

Exceptions: 1. Decorative glazed openings.

2. Custom exterior windows and doors manufactured by a small business shall be exempt from all testing requirements in Section R609 provided they meet the applicable provisions of Chapter 24 of the *International Building Code*.