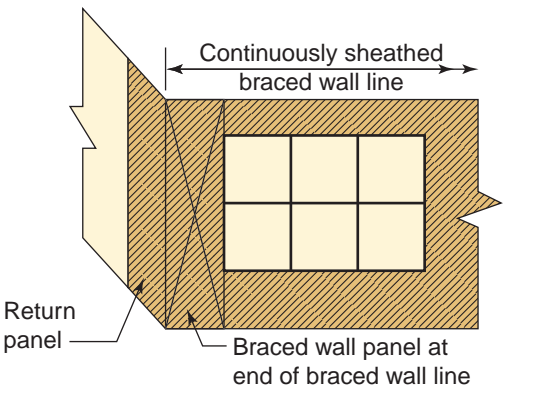
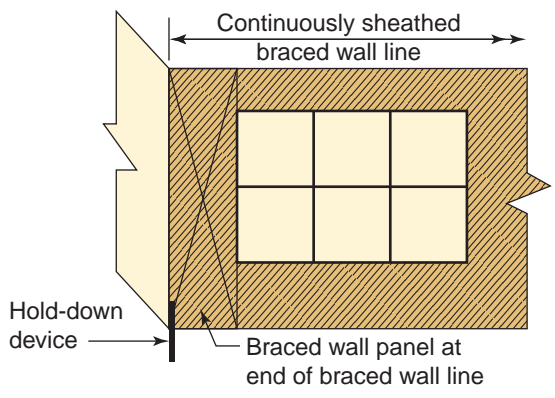
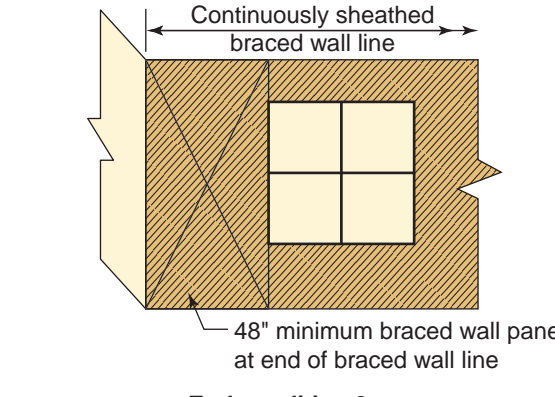
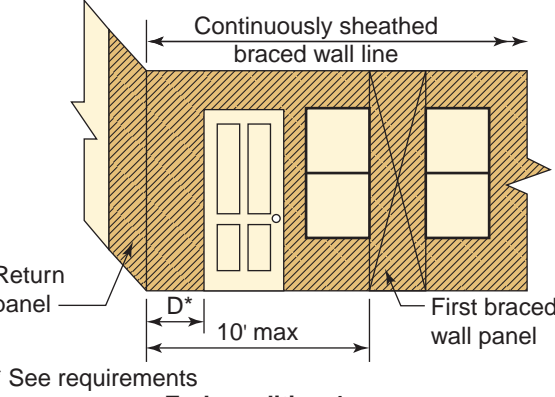
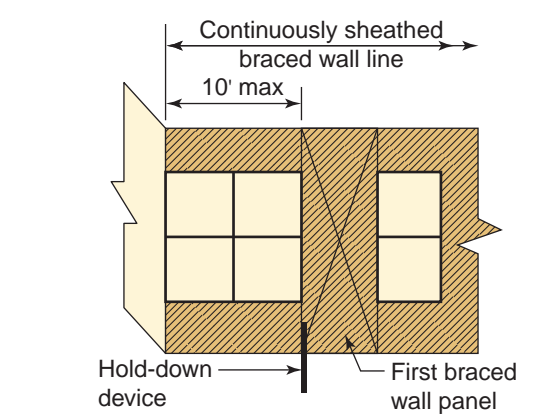


R602.10.7

CHANGE TYPE: Modification

Ends of Braced Wall Lines with Continuous Sheathing

CHANGE SUMMARY: Braced wall line end conditions for continuous sheathing have been placed in one section. A fifth end condition is defined for braced wall panel connections. When a 48-inch braced wall panel is at the end of a wall line, the intersecting wall line does not require a return panel or hold-down at the corner.

 <p>Continuously sheathed braced wall line</p> <p>Return panel</p> <p>Braced wall panel at end of braced wall line</p> <p>End condition 1</p>	 <p>Continuously sheathed braced wall line</p> <p>Hold-down device</p> <p>Braced wall panel at end of braced wall line</p> <p>End condition 2</p>
 <p>Continuously sheathed braced wall line</p> <p>48" minimum braced wall panel at end of braced wall line</p> <p>End condition 3</p>	 <p>Continuously sheathed braced wall line</p> <p>Return panel</p> <p>D*</p> <p>10' max</p> <p>First braced wall panel</p> <p>* See requirements</p> <p>End condition 4</p>
 <p>Continuously sheathed braced wall line</p> <p>10' max</p> <p>Hold-down device</p> <p>First braced wall panel</p> <p>End condition 5</p>	<p>Requirements</p> <p>Return panel: 24" for braced wall lines sheathed with wood structural panels 32" for braced wall lines sheathed with structural fiberboard</p> <p>Distance D: 24" for braced wall lines sheathed with wood structural panels 32" for braced wall lines sheathed with structural fiberboard</p> <p>Hold-down device: 800 lbs capacity fastened to the edge of the braced wall panel closest to the corner and to the foundation or floor framing below</p>

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End conditions for braced wall lines with continuous sheathing

2012 CODE: R602.10.7 Ends of Braced Wall Lines with Continuous Sheathing. Each end of a braced wall line with continuous sheathing shall have one of the conditions shown in Figure R602.10.7.

CHANGE SIGNIFICANCE: A new end condition was added to the 2012 IRC Figure R602.10.7. Condition 3 does not require return panels or hold-downs if a 4-foot braced wall panel is located at the end of the braced wall line when using continuously sheathed bracing methods. Figure R602.10.7 is a graphic representation of the information formerly in Section R602.10.4.4, continuously sheathed braced wall panel locations. The information in the 2009 IRC Figures R602.10.4.4(2), R602.10.4.4(3), R602.10.4.4(4), and R602.10.4.4(5) has been combined in this new figure.