



# Southwest Washington Chapter of ICC

This construction detail is illustrative of the minimum standard of construction based upon the 2009 IRC / WAC 51-51

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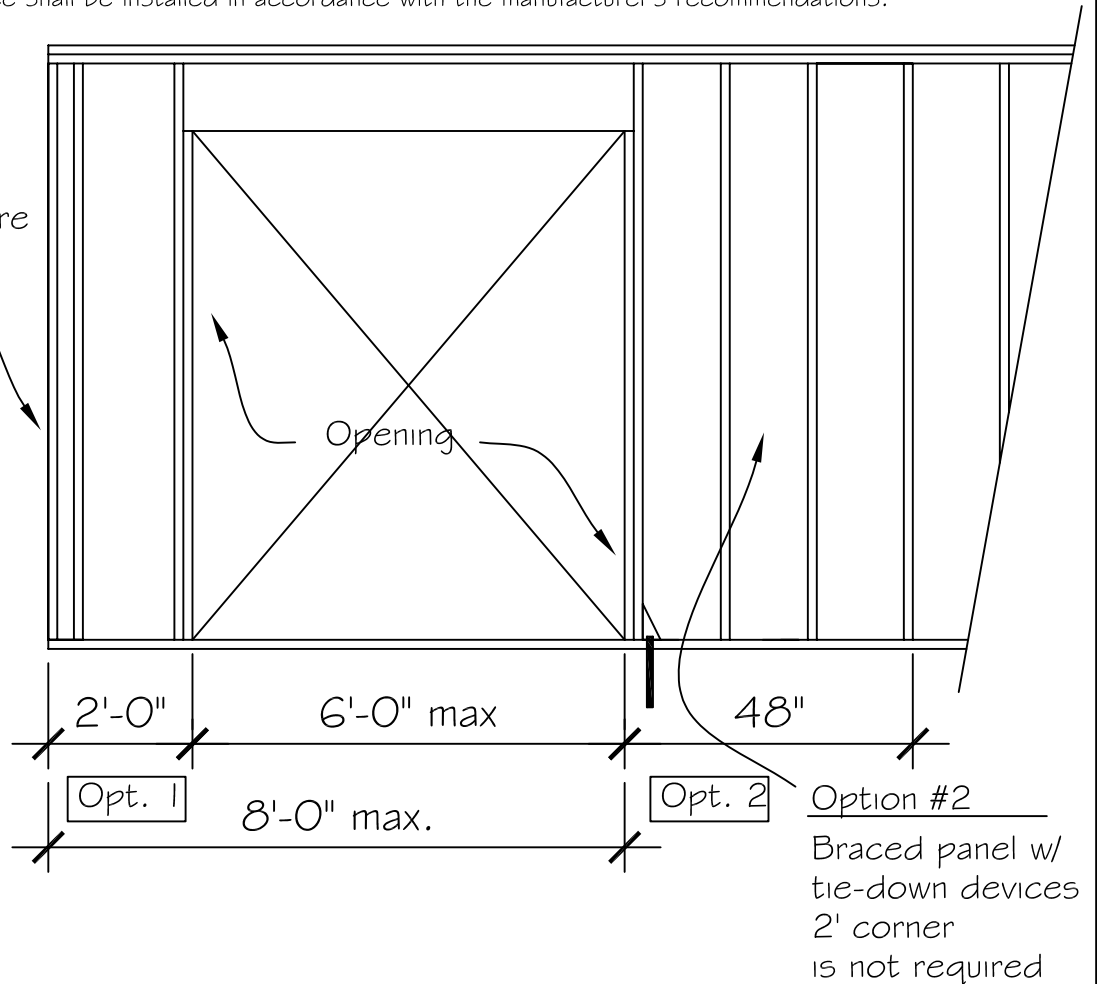
IRC Section R602.10.1.4.1- Braced wall lines at exterior walls shall have a braced wall panel located at each end of the braced wall line. EXCEPTION: For braced wall panel construction Method WSP of Section R602.10.2 (wood structural panel sheathing), the braced wall panel shall be permitted to begin no more than 8 feet from each end of the braced wall line provided one of the following is satisfied in accordance with Figure R602.10.1.4.(1):

1. A minimum 24-inch-wide panel is applied to each side of the building corner and the two 24-inch-wide panels at the corner are attached to framing in accordance with Figure R602.4.4.(1), or
2. The end of each braced wall panel closest to the corner shall have a hold-down device fastened to the stud at the edge of the braced wall panel closest to the corner and to the foundation or framing below. The hold-down device shall be capable of providing an uplift allowable design value of at least 1,800 pounds. The hold-down device shall be installed in accordance with the manufacturer's recommendations.

## Option #1

2' corners- See Figure R602.10.1.4.1

No HD required



Option 1 = Min. 2' corner panels each side of corner- see Detail R602.10.1.4.1-2. No holddown required if min. 48" BP begins within 8 feet of corner.

Option 2 = Min. 48" brace wall panel per Figure R602.310.1.4.1 with one tie-down device as shown. 24" wide panel is not required.

Option 3 = Min. 32" alternate brace panel with two holddowns per Table R602.10.3.2. 24" wide panel is not required.