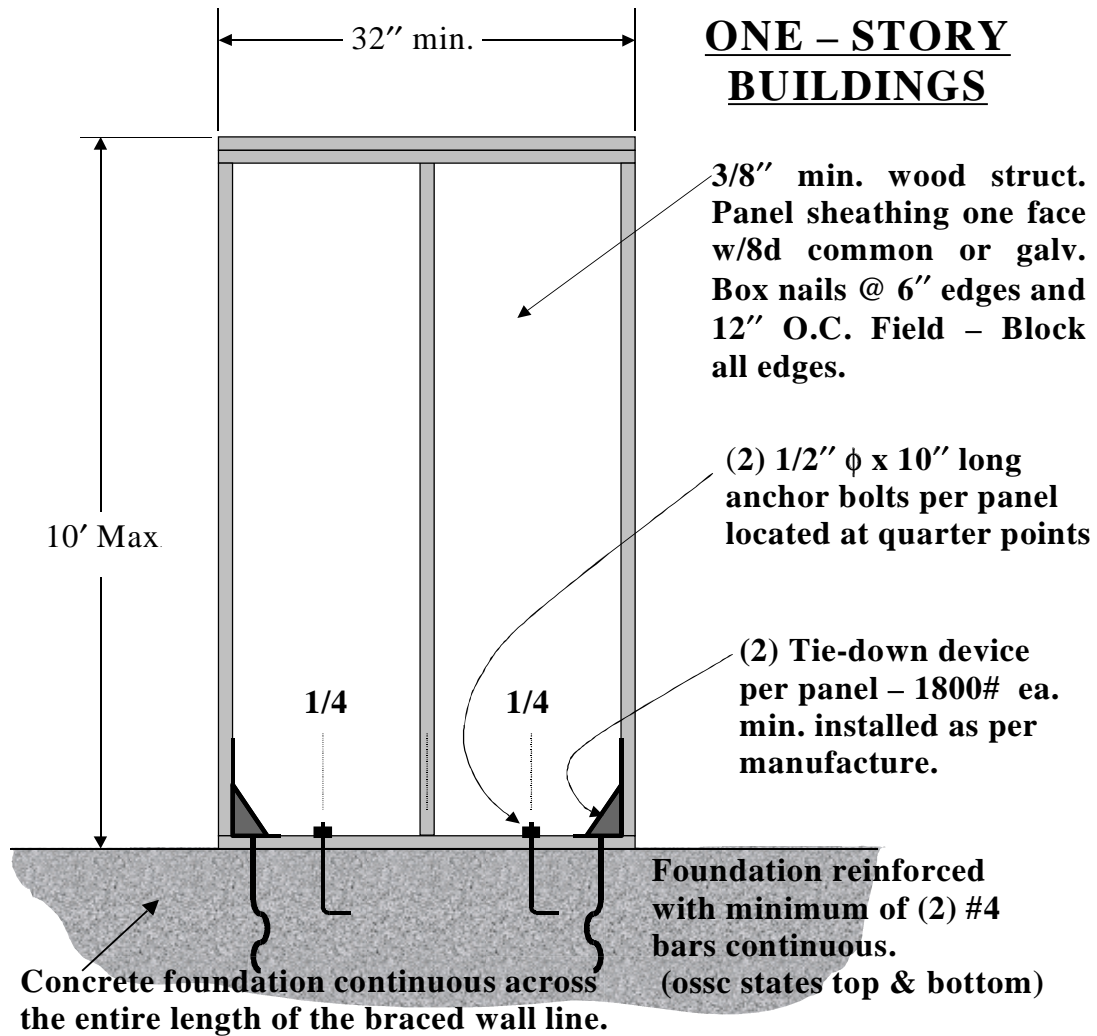


ALTERNATE BRACED PANEL



- (1) In one-story buildings, each panel shall have a minimum width of 32 inches and a maximum height of 10 feet. Each panel shall be sheathed on one face with 3/8-inch minimum thickness wood structural panel sheathing nailed with 8d common or galvanized box nails in accordance with Table 602.3(1) and blocked at all edges. Two anchor bolts installed in accordance with Figure 403.1.4 or approved equivalent shear connectors shall be provided in each panel. Where each panel is supported directly on a foundation or on floor framing supported directly on a foundation, each panel end stud shall have a tie-down device fastened to the foundation, capable of providing an approved uplift capacity of not less than 1,800 pounds. The tie-down device shall be installed in accordance with the manufacturer's recommendations. The foundation wall and footing shall be reinforced with a minimum of two No. 4 horizontal bars, one located at the top of the wall and one located a minimum of 3 inches from the bottom of the footing (or two No. 4 horizontal bars located a minimum of 3 inches from the bottom of the footing) extending not less than 5 feet each way from the center of the panel with No. 4 vertical bars spaced not more than 24 inches on center.
- (2) In the first story of two-story buildings, each braced wall panel shall be in accordance with Item 1, except that the wood structural panel sheathing shall be applied to both faces, three anchor bolts or approved equivalent shear connections shall be provided, and tie-down device uplift capacity shall not be less than 3,000 pounds.

All vertical joints of panel sheathing shall occur over studs. Horizontal joints shall occur over blocking of sufficient thickness to accommodate the required nailing except where waived by the installation requirements for the specific sheathing materials.