



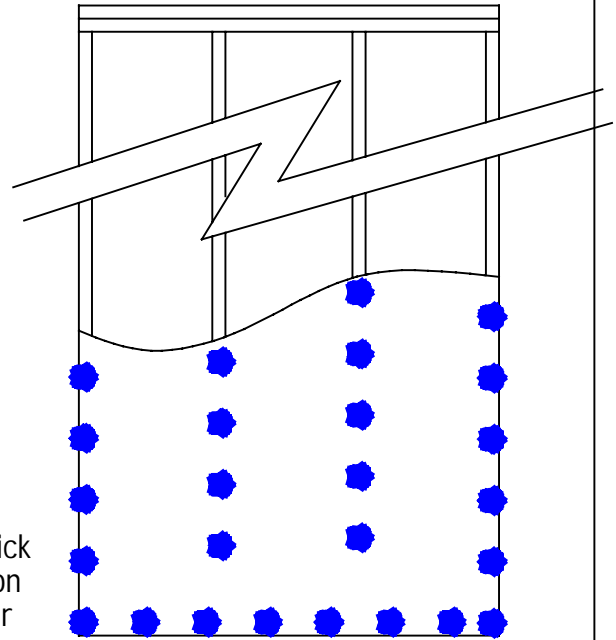
Southwest Washington Chapter of ICBO

This construction detail is accepted as meeting the minimum standard of construction as based upon the 1997 UBC requirements and is accepted in the following regional jurisdictions

Clark County, Cowlitz County, Skamania County, City of Camas, City of Kalama
City of Longview, City of Ridgefield, City of Vancouver, City of Washougal, City of Woodland

Construction of braced wall panels shall be by one of the following methods:

- #1 Method 1 is not allowed in Seismic Zone 3
- #2 Wood boards of 5/8-inch (16 mm) net minimum thickness applied diagonally on studs spaced not over 24 inches (610 mm) on center.
- #3 Wood structural panel sheathing with a thickness not less than 5/16 inch (7.9 mm) for 16-inch (406 mm) stud spacing and not less than 3/8 inch (9.5 mm) for 24-inch (610 mm) stud spacing in accordance with Tables 23-II-A-1 and 23-IV-D-1.
- #4 Fiberboard sheathing 4-foot by 8-foot (1219 mm by 2438 mm) panels not less than 1/2 inch (13 mm) thick applied vertically on studs spaced not over 16 inches (406 mm) on center when installed in accordance with Section 2315.6 and Table 23-II-J.
- #5 Gypsum board [sheathing 1/2 inch (13 mm) thick by 4 feet (1219 mm) wide, wallboard or veneer base] on studs spaced not over 24 inches (610 mm) on center and nailed at 7 inches (178 mm) on center with nails as required by Table 25-1.
- #6 Particleboard wall sheathing panels where installed in accordance with Table 23-IV-D-2.
- #7 Portland cement plaster on studs spaced 16 inches (406 mm) on center installed in accordance with Table 25-1.
- #8 Hardboard panel siding when installed in accordance with Section 2310.6 and Table 23-II-C. Method 1 is not permitted in Seismic Zones 2B, 3 and 4. For cripple wall bracing, see Section 2320.11.5. For Methods 2, 3, 4, 6, 7 and 8, each braced panel must be at least 48 inches (1219 mm) in length, covering three stud spaces where studs are spaced 16 inches (406 mm) apart and covering two stud spaces where studs are spaced 24 inches (610 mm) apart. For Method 5, each braced wall panel must be at least 96 inches (2438 mm) in length when applied to one face of a braced wall panel and 48 inches (1219 mm) when applied to both faces. All vertical joints of panel sheathing shall occur over studs. Horizontal joints shall occur over blocking equal in size to the studding except where waived by the installation requirements for the specific sheathing materials. Braced wall panel sole plates shall be nailed to the floor framing and top plates shall be connected to the framing above in accordance with Table 23-II-B-1. Sills shall be bolted to the foundation or slab in accordance with Section 1806.6. Where joists are perpendicular to braced wall lines above, blocking shall be provided under and in line with the braced wall panels.



UBC Section 2320.11.3

#27 5/1/00

4 FOOT BRACED WALL PANEL

DWG BY LGN