

TOP PLATE CONNECTION DETAIL

R602.10.8.3 Top plate connections. Exterior braced wall panel top plates shall be connected to floor or roof framing above. Where the floor or roof framing members above are parallel to the braced wall lines, a full height parallel framing member shall be provided at the wall line. Where the roof or floor framing members above are perpendicular to the braced wall line, a continuous rim joist, header or full height blocking between the framing members shall be provided in line with the wall line below. Roof or floor sheathing above shall be attached to the full height framing or blocking and the full height framing or blocking shall be attached to the top of the wall per Table R602.3(1).

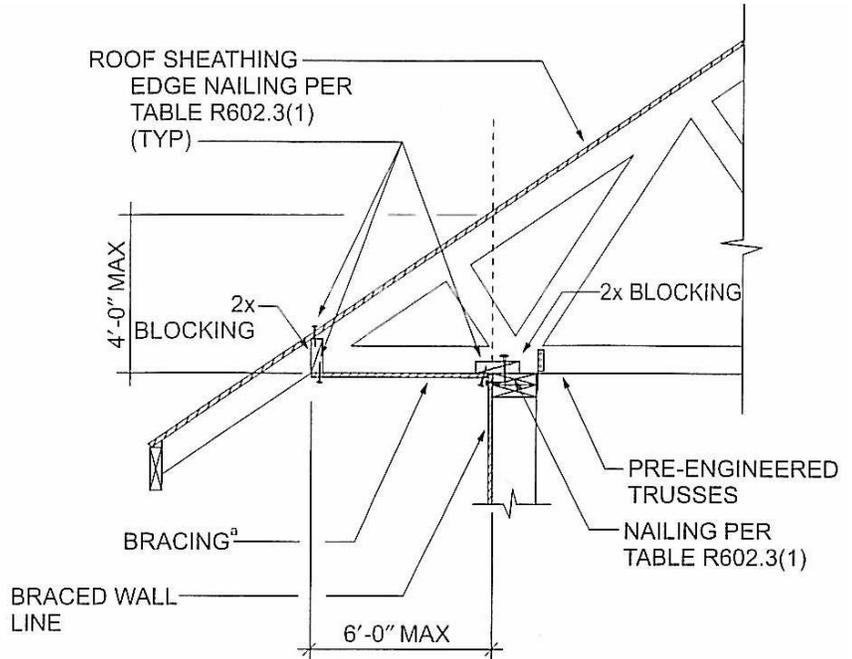
Exception:

1. Where the height of the blocking required for top plate connection is over 9 ¼ inches (235 mm) solid, full height blocking is not required provided that the exterior braced wall panel top plates are connected in accordance with one of the following methods:

1.1 Figure R602.10.8.3(1) or Figure R602.10.8.3(2).

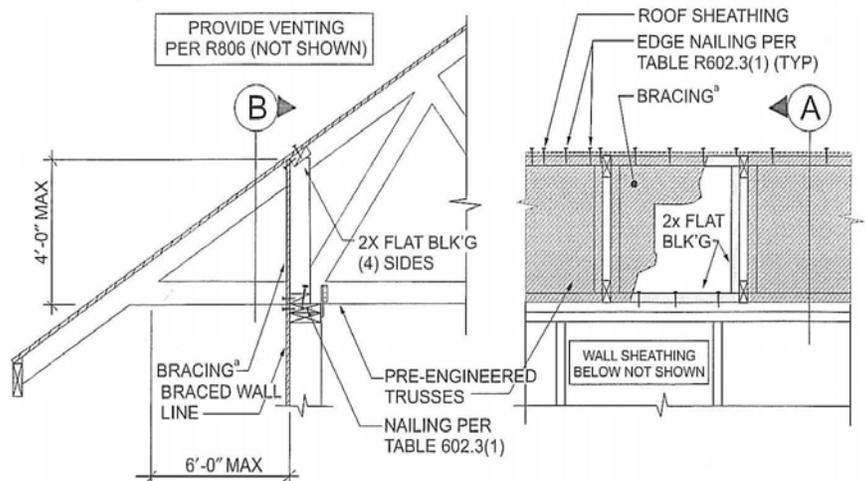
1.2 With full height engineered blocking panels designed for values listed in American Forest and Paper Association (AF&PA) Wood Frame Construction Manual for One- and two-Family Dwellings (WFCM). Roof or floor sheathing above shall be attached to the blocking panels and the blocking panels shall be attached to top of wall in accordance with table R6023(1).

1.3 Designed in accordance with accepted engineering methods.



a. Methods of bracing shall be as described in Section R602.10.3 method 2, 3, 4, 6, 7 or 8

FIGURE R602.10.8.3.1



a. Methods of bracing shall be as described in Section R602.10.3 methods 2, 3, 4, 6, 7 or 8

FIGURE R602.10.8.3.2