

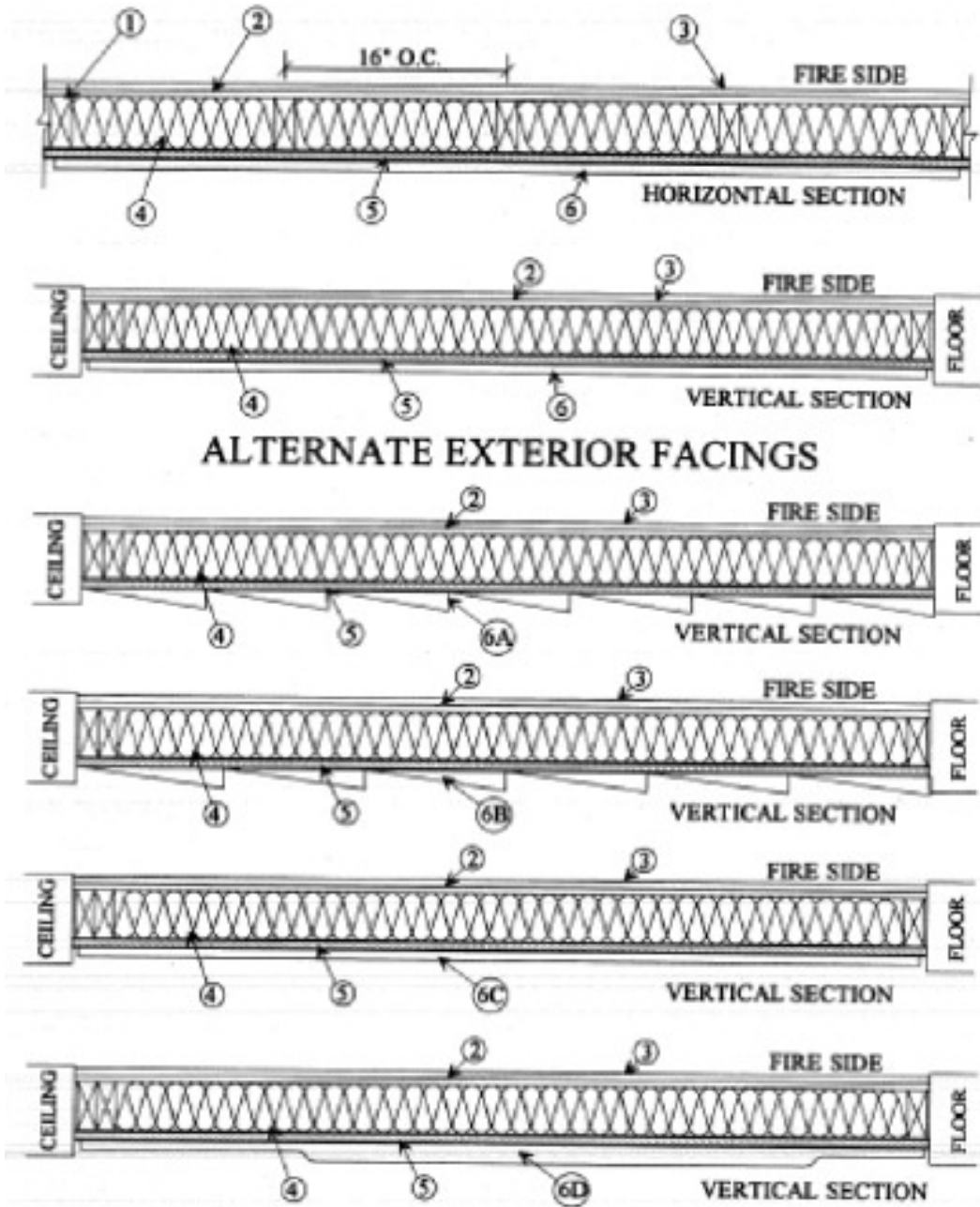
Design No. U349
March 23, 2010

Bearing Wall Rating — 2 Hr

(EXPOSED TO FIRE ON INTERIOR FACE ONLY)

Finish Rating — 55 min

Load Restricted for Canadian Applications — See Guide [BXUV7](#)



1. **Wood Studs** — Nom 2 by 4 in., spaced 16 in. OC in with two 2 by 4 top and one 2 by 4 bottom plates. Studs cross-braced at midheight and effectively fire stopped at top and bottom of wall.
2. **Gypsum Board*** — Any Classified 5/8 in. thick, 4 ft. wide, two layers applied vertically. Base layer nailed to studs and bearing plates 6 in. OC. with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam. and 1/4 in. diam. head. The face layer, with joints staggered from base layer, nailed to the studs and bearing plates over the base layer, 8 in. OC. with 8d cement coated nails, 2-3/8 in. long, 0.113 in. shank diam. 9/32 in. diam. head.

See **Gypsum Board*** (CKNX) category for names of Classified manufacturers.

3. **Joints and Nailheads** — Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.
4. **Batts and Blankets*** — Unfaced mineral fiber insulation, 3-1/2 in. thick, nom 3.0 pcf, pressure fit in the wall cavity between stud, plates, and cross bracing.

See **Batts and Blankets*** (BZJZ) category for names of Classified manufacturers.

5. **Building Units*** — Building units nailed to the wood framing with 1-7/8 in. long, 6d nails, spaced 6 in. OC. on the perimeter and 12 in. OC. in the field.

BARRIER TECHNOLOGY CORP — Type Blazeguard 2-Side

6. **Exterior Facings** — Installed in accordance with the manufacturer's Installation Instructions.
 - 6A. **Vinyl Siding*** — (Optional) - UL Classified exterior plastic siding (molded plastic), fastened to the building units with nails or screws, at the locations specified by the manufacturer.
 - 6B. **Particle Board Siding*** — (Optional) - Oriented strand board, wafer board, or hard board exterior building sidings including patterned panels.
 - 6C. **T-1-11 Plywood** — (Optional) - American Plywood Association rated siding series 303 including textures, bough sawn, MDO, brushed, channel grooved, and lap siding.
 - 6D. **Cementitious Stucco** — (Optional) - Portland cement or synthetic stucco systems with self furring metal lath or adhesive base coat. Thickness from 3/8 in. to 3/4 in. depending on system.

*Bearing the UL Classification Mark

Last updated 2010-03-23