

Design/System/Construction/Assembly Usage Disclaimer

- › Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- › Authorities Having Jurisdiction should be consulted before construction.
- › Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- › When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- › Only products which bear UL's Mark are considered Certified.

BXUV – Fire Resistance Ratings – ANSI/UL 263 Certified for United States

BXUV7 – Fire Resistance Ratings – CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings – ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings – CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. V358

April 6, 2026

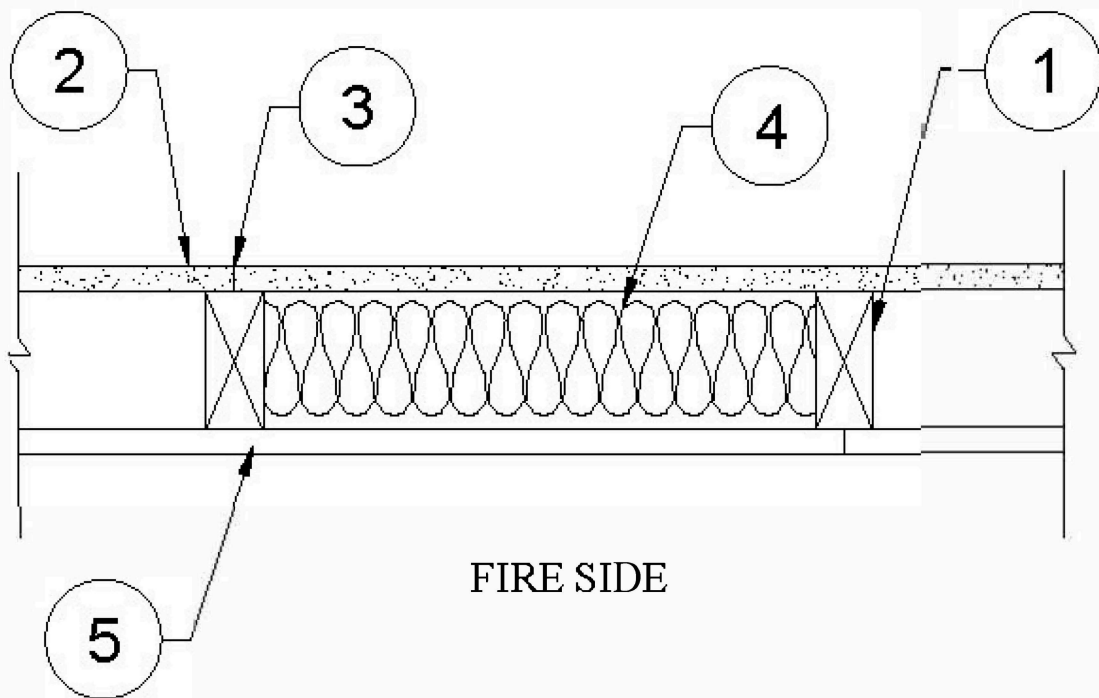
Bearing Wall Rating – 1 Hr Exposed to Fire on Exterior Face

Loaded Per 2024 NDS Supplement, ASD Method, Wall Braced Mid-Height, 100% of Design Load Applied to Wall

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used – See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

1-HOUR



1. **Wood Studs** — Nom 2 by 6 in., spaced 16 in. OC with double 2 by 6 top and single 2 by 6 in, bottom plates. Studs effectively firestopped.

2. **Gypsum Board** — Nom. 5/8 in. thick, 4 ft. wide, applied vertically, or horizontally if all joints (side and butt end joints) of applied gypsum board are backed by the same type studs as specified in Item 1, and nailed to studs and bearing plates 6 in. OC. with 1-7/8 in. cup head, smooth shank, phosphate coated, 1/4 in. diam. head nail. Vertical joints centered over studs and staggered min. 1 stud cavity from the vertical joints of the building units.

CERTAINTED GYPSUM INC — Type X-1

3. **Joints and Nail Heads** — Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound.

4. **Batts and Blankets*** — Faced or unfaced mineral fiber insulation, 5-1/2 in. thick, minimum 2.67 pcf, friction fit in the wall cavity between stud, plates.

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

5. **Building Units*** — Building units nailed to the wood framing with 2-3/8 in. long, 8d nails, spaced 6 in. OC. on the perimeter and 12 in. OC. in the field. Exterior face joints gapped 1/8 in.

LOUISIANA-PACIFIC CORP — Type LP Burnguard

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Last Updated on 2026-04-06

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