



**Design No. V318**  
**Design No. V318**  
**BXUV.V318**  
**Fire-resistance Ratings - ANSI/UL 263**

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**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.
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**BXUV - Fire Resistance Ratings - ANSI/UL 263**

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

[See General Information for Fire-resistance Ratings - ANSI/UL 263](#)

[See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada](#)

**Design No. V318**

May 27, 2016

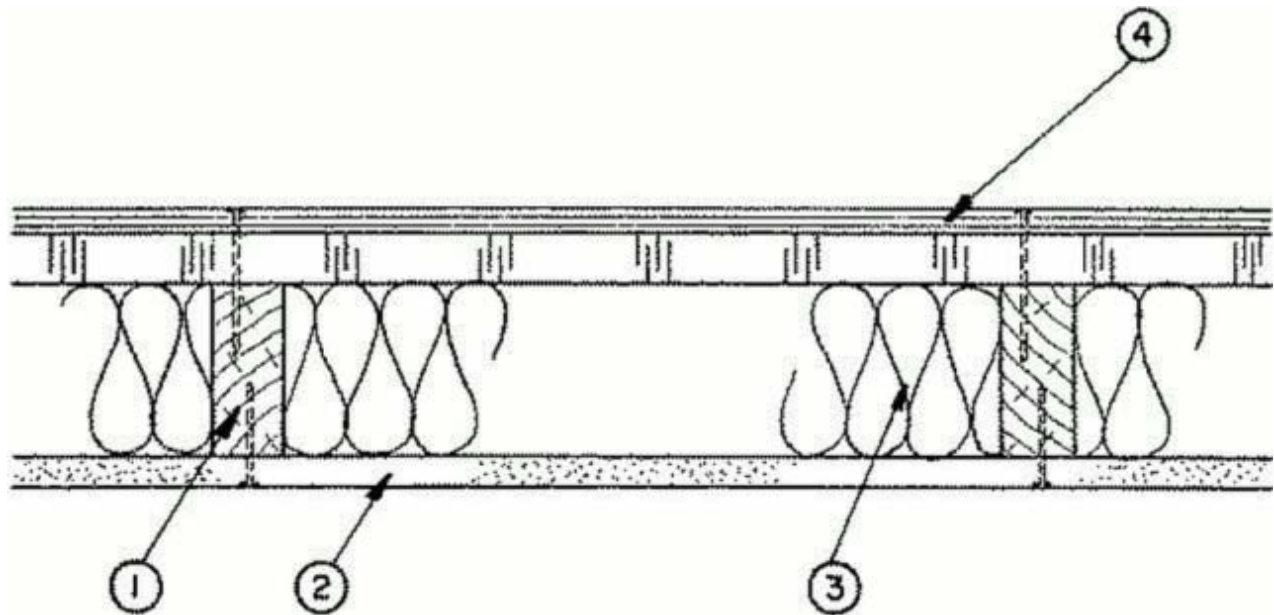
**(Exposed to Fire on Interior Face Only)**

**Bearing Wall Rating — 1 Hr.**

**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.**

**Exterior**



Interior

1. **Wood Studs** — Nom 2 by 6 in., spaced 16 in. OC.

2. **Gypsum Board\*** — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305. Nom. 5/8 in. thick (min) 4 ft. wide bearing the UL Classification Marking for Fire Resistance applied vertically. Attached to studs with 6d cement coated nails spaced 7 in. OC at the edges and in the field. Vertical joints located over studs. Joints covered with paper tape and joint compound. Nail heads covered with joint compound.

**ACADIA DRYWALL SUPPLIES LTD** ([View Classification](#)) — CKNX.R25370

**AMERICAN GYPSUM CO** ([View Classification](#)) — CKNX.R14196

**BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO** ([View Classification](#)) — CKNX.R19374

**CERTAINTED GYPSUM INC** ([View Classification](#)) — CKNX.R3660

**CGC INC** ([View Classification](#)) — CKNX.R19751

**CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C** ([View Classification](#)) — CKNX.R18482

**GEORGIA-PACIFIC GYPSUM L L C** ([View Classification](#)) — CKNX.R2717

**GEORGIA-PACIFIC GYPSUM L L C** ([View Classification](#)) — CKNX.R6937

**LOADMASTER SYSTEMS INC** ([View Classification](#)) — CKNX.R11809

**NATIONAL GYPSUM CO** ([View Classification](#)) — CKNX.R3501

**PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM** ([View Classification](#)) — CKNX.R7094

**PANEL REY S A** ([View Classification](#)) — CKNX.R21796

**SIAM GYPSUM INDUSTRY (SARABURI) CO LTD** ([View Classification](#)) — CKNX.R19262

**THAI GYPSUM PRODUCTS PCL** ([View Classification](#)) — CKNX.R27517

**UNITED STATES GYPSUM CO** ([View Classification](#)) — CKNX.R1319

**USG MEXICO S A DE C V** ([View Classification](#)) — CKNX.R16089

3. **Fiber, Sprayed\*** — Spray applied granulated mineral fiber material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ).

**AMERICAN ROCKWOOL MANUFACTURING, LLC** — Type Rockwool

4. **Building Units\*** — Consisting of 7/16-in. thick PS-2 rated oriented strand board (OSB) as cover board bonded to rigid 1/2 in. to 2 in. thick polyisocyanurate insulation, installed vertically with vertical joints located over studs. Fastened to studs with min. 10d galvanized nails, 2-7/8 in. long, spaced 6 in. OC at edges and 12 in. OC in the field. Length of nails to be such that they engage with studs minimum 1-3/8 in.

**HUBER ENGINEERED WOODS L L C** — ZIP System ® R Sheathing

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