



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

October 19, 2026

Bearing Wall Rating — 1 Hr Exposed to Fire on Either Face

Bearing Wall Rating — 2 Hr Rating Exposed to Fire on Interior Face and 1 Hr Rating Exposed to Fire on Exterior Face

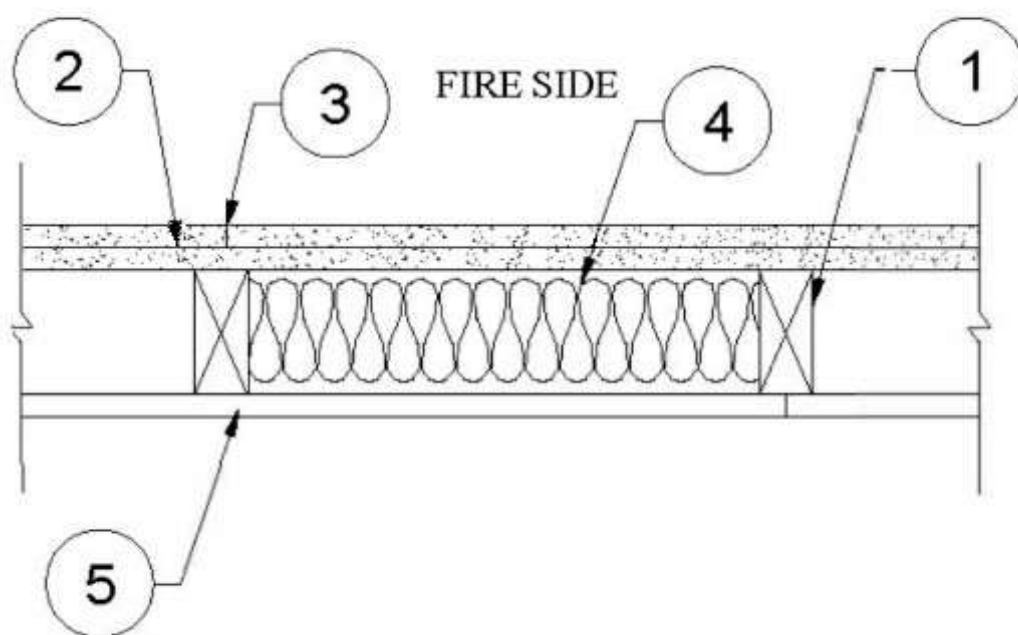
(See Item 2)

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

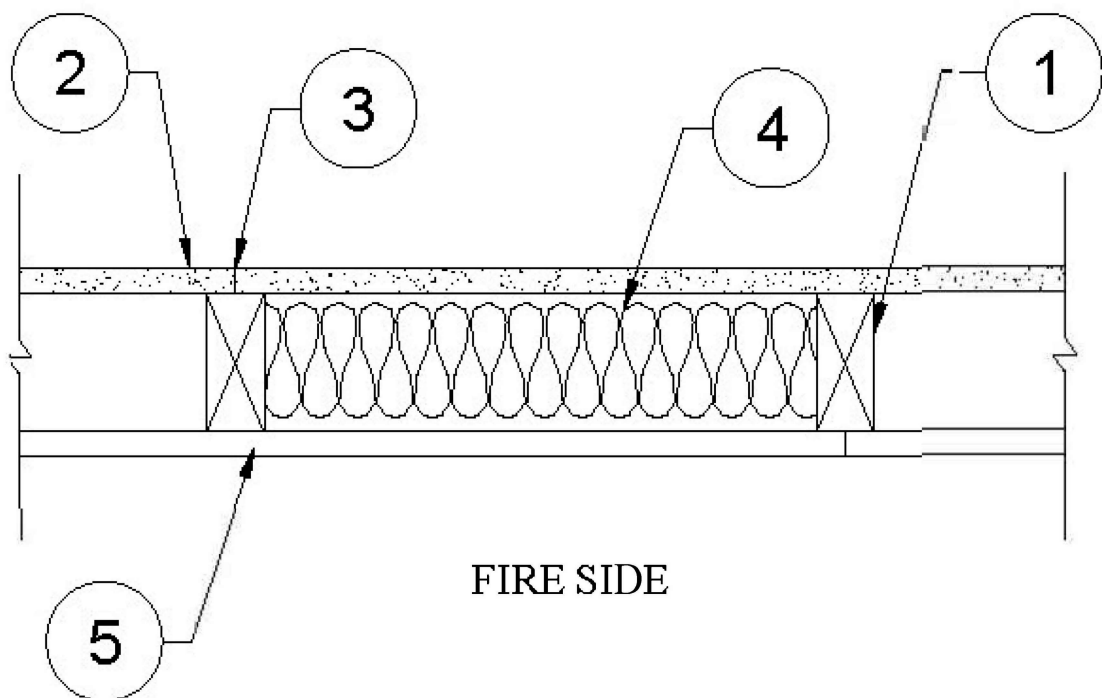
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

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

2-HOUR



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*** — **Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305.** For 1-hr rating one layer required. For 2-hr rating from interior, two layers required. Nom. 5/8 in. thick base layer, 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 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam. and 1/4 in. diam. head. When installed vertically, vertical joints centered over studs and staggered min. 1 stud cavity from the vertical joints of the building units. The face layer, with joints staggered min. 16 in. from base layer, nailed to the studs and bearing plates over the base layer, 8 in. OC. with 8d cuphead nails, 2-3/8 in. long, 0.113 in. shank diam. 9/32 in. diam. head.

CABOT MANUFACTURING ULC ([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

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

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

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

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. **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

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

Last Updated on 2026-10-19

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2026 UL LLC."