

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. W306

April 24, 2020

Exposed to fire from one side only

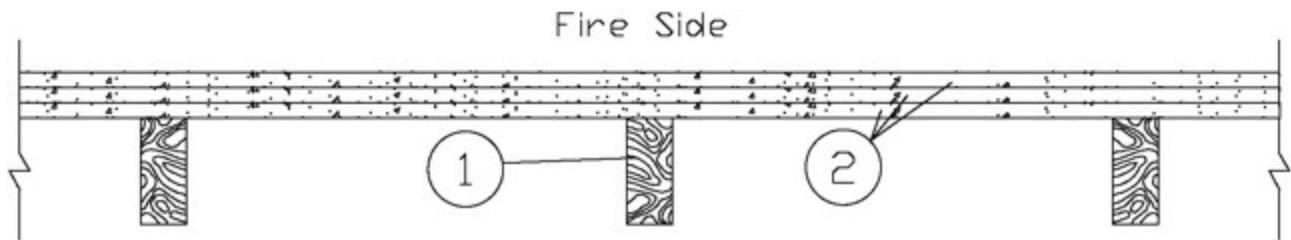
Bearing Wall Rating - 1 or 1-1/2 Hr.

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

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1. **Wood Studs** — Nom 2 by 4 in., spaced 16 in. OC effectively firestopped.

2. **Gypsum Board*** — Applied vertically or horizontally to one side of wood studs.

Vertical Application -Three layers of 5/8 in. gypsum panels with beveled, square or tapered edges. Gypsum panels applied vertically with joints centered over studs. Base layer applied with 1-1/4 in. Type W screws spaced 16 in. OC. Middle layer applied with 1-5/8 in. Type W screws spaced 16 in. OC. Face layer applied with 2-1/2 in. Type W screws spaced 12 in. OC. Vertical joints in adjacent layers staggered a min of 1 stud cavity.

Horizontal Application - Three layers of 5/8 in. gypsum panels with beveled, square or tapered edges. Base layer applied with 1-1/4 in. Type W screws spaced 16 in. OC. Middle layer applied with 1-5/8 in. Type W screws spaced 16 in. OC. Face layer applied with 2-1/2 in. Type W screws spaced 12 in. OC. Horizontal joints need not be backed by framing. Horizontal edge joints in adjacent layers staggered a min of 12 in. Vertical butt joints in horizontal application staggered minimum 1 stud cavity.

CERTAINTED GYPSUM INC — Type X-1

3. **Joint Tape and Compound** — (Not Shown) — Joints covered with joint compound and paper tape. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer panels.

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Last Updated on 2020-04-24

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