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 Listed or Classified 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 as Classified, Listed, or Recognized.

Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire-resistance Ratings - ANSI/UL 263

Design No. U348

April 01, 2013

Bearing Wall Rating — 1 Hr

(EXPOSED TO FIRE ON INTERIOR FACE ONLY)

Finish Rating — 23 min

Load Restricted for Canadian Applications — See Guide BXUV
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. As an option, nom 2 by 6 in., spaced 24 in. OC with two 2 by 6 top and one 2 by 6 bottom plates may be used in lieu of 2 by 4 studs and plates. Studs effectively fire stopped.

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, 4 ft. wide, applied vertically, and nailed to studs and bearing plates 7 in. OC. with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam. and 1/4 in. diam. head.

**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

**CERTAINTEED GYPSUM CANADA INC** [View Classification] — CKNX.R15187

**CERTAINTEED GYPSUM INC** [View Classification] — CKNX.R3660

**CGC INC** [View Classification] — CKNX.R19751

**GEORGIA-PACIFIC GYPSUM LLC** [View Classification] — CKNX.R2717

**LAFARGE NORTH AMERICA INC** [View Classification] — CKNX.R18482

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

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

4. Batts and Blankets* — Faced or 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.

4A. Batts and Blankets* — As an Alternate to Item 4 - Faced or unfaced glass fiber batts, 3-1/2 in. thick, having a min density of 0.9 pcf (min R-13 thermal insulation rating), 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 placed with the laminate face against, and 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 1-Side

LOUISIANA-PACIFIC CORP — Type LP FlameBlock 1-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.

6E. Brick — (Optional - Not Shown) - Brick veneer, meeting the requirements of local code agencies. Brick veneer attached to the studs with corrugated metal wall ties attached to each stud with 8d cement coated nails, every sixth course of bricks.

OR

6F. Exterior Facings — (Optional - Not Shown) - Any exterior facing approved by the Authority Having Jurisdiction installed in accordance with the manufacturer's installation instructions.

*Bearing the UL Classification Mark
When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the UL Environment database for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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