



**Design No. V437**  
**BXUV.V437**  
**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.

**Fire-resistance Ratings - ANSI/UL 263**

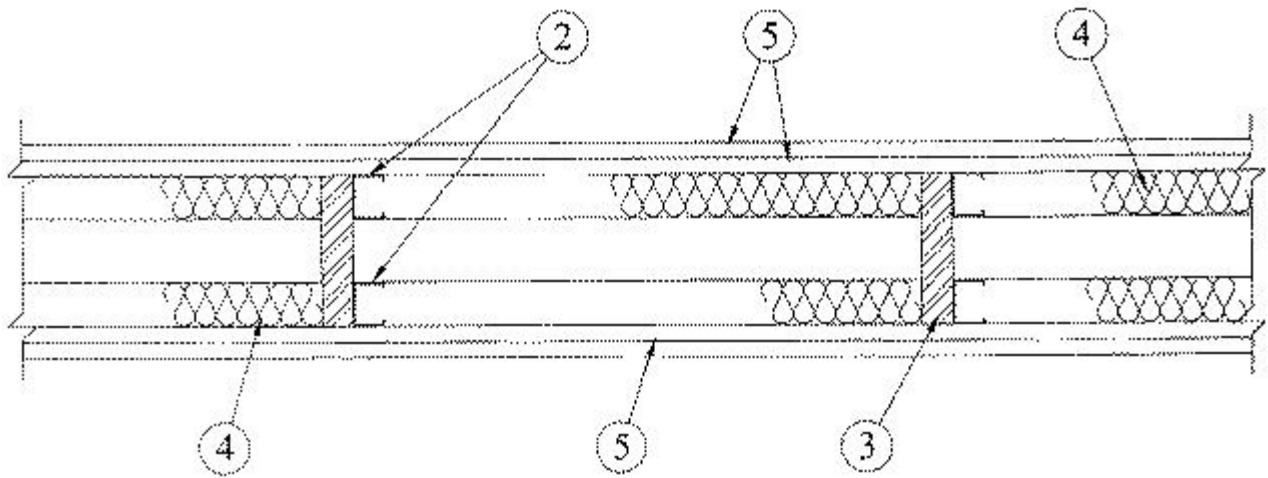
[See General Information for Fire-resistance Ratings - ANSI/UL 263](#)

**Design No. V437**

February 19, 2013

**Nonbearing Wall Rating - 1 Hr**

**Assembly Rating - 1 Hr**



**1. Floor and Ceiling Runner (not shown)** — Channel-shaped runners, min 1-5/8 in. wide by 1 in. deep fabricated from 25 MSG galv steel. Attached to floor and ceiling with fasteners, 24 in. OC max.

**1A. Framing Members\* - Floor and Ceiling Runner** — Not shown - In lieu of Item 1 — For use with Item 2A, proprietary channel shaped runners, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**CALIFORNIA EXPANDED METAL PRODUCTS CO** — Viper20™ Track

**MARINO/WARE, DIV OF WARE INDUSTRIES INC** — Viper20™ Track

**PHILLIPS MFG CO L L C** — Viper20™ Track

**1B. Framing Members\*— Floor and Ceiling Runners** — Not shown - In lieu of Item 1 — For use with Item 2B, channel shaped runners, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**CLARKDIETRICH BUILDING SYSTEMS** — CD ProTRAK

**DMFCWBS L L C** — ProTRAK

**MBA BUILDING SUPPLIES** — ProTRAK

**RAM SALES L L C** — Ram ProTRAK

**SOUTHEASTERN STUD & COMPONENTS INC** — ProTRAK

**STEEL STRUCTURAL SYSTEMS L L C** — Tri-S ProTRAK

**1C. Framing Members\* - Floor and Ceiling Runner** — Not shown - In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**TELLING INDUSTRIES L L C** — Viper20™ Track

**1D. Framing Members\*— Floor and Ceiling Runners** — Not shown - In lieu of Item 1 — For use with Item 2D, channel shaped runners, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

**TELLING INDUSTRIES L L C** — TRUE-TRACK™

**2. Steel Studs** — Channel-shaped, min 1-5/8 in. wide by 1-1/4 in. deep with 1/4 in. folded back return flange legs. Fabricated from 25 MSG galv steel. Max stud spacing 24 in. OC.

**2A. Framing Members\* - Steel Studs** — Not shown - In lieu of Item 2 — For use with Item 1A, proprietary channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. less in length than assembly height. Spaced 24 in. OC max.

**CALIFORNIA EXPANDED METAL PRODUCTS CO** — Viper20™

**MARINO/WARE, DIV OF WARE INDUSTRIES INC** — Viper20™

**PHILLIPS MFG CO L L C** — Viper20™

**2B. Framing Members\*— Steel Studs** — Not shown - In lieu of Item 2 — For use with Item 1B, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. less in length than assembly height. Spaced 24 in. OC max.

**CLARKDIETRICH BUILDING SYSTEMS** — CD ProSTUD

**DMFCWBS L L C** — ProSTUD

**MBA BUILDING SUPPLIES** — ProSTUD

**RAM SALES L L C** — Ram ProSTUD

**SOUTHEASTERN STUD & COMPONENTS INC** — ProSTUD

**STEEL STRUCTURAL SYSTEMS L L C** — Tri-S ProSTUD

**2C. Framing Members\* - Steel Studs** — Not shown - In lieu of Item 2 — For use with Item 1C, proprietary channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. less in length than assembly height. Spaced 24 in. OC max.

**TELLING INDUSTRIES L L C** — Viper20™

**2D. Framing Members\*— Steel Studs** — Not shown - In lieu of Item 2 — For use with Item 1D, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. less in length than assembly height. Spaced 24 in. OC max.

**TELLING INDUSTRIES L L C** — TRUE-STUD™

**3. Bracing** — Cut from steel runners or studs, cavity width. Fastened with two 1/2 in. long, Type S steel screws in each stud, space braces max 48 in. OC.

**4. Batts and Blankets\*** — Mineral wool or glass fiber batts, completely filling stud cavity.

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

**5. Gypsum Board\*** — 5/8 in. thick. Screw attached, base layer attached with 1 in. long, Type S steel screws spaced 16 in. OC, face layer attached with 1-5/8 in. long, Type S steel screws spaced 12 in. OC. Gypsum board joints oriented vertical or horizontal, with or without offset. Butt joints located over studs.

**CERTAINTED GYPSUM INC** — Type 1, FRPC, Type C, or Type X.

**CERTAINTED GYPSUM CANADA INC** — Type C, Type X or Type Abuse-Resistant.

**THAI GYPSUM PRODUCTS PCL** — Type C, or Type X.

**6. Joint Tape and Compound (not shown)** — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints.

\*Bearing the UL Classification Mark

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