

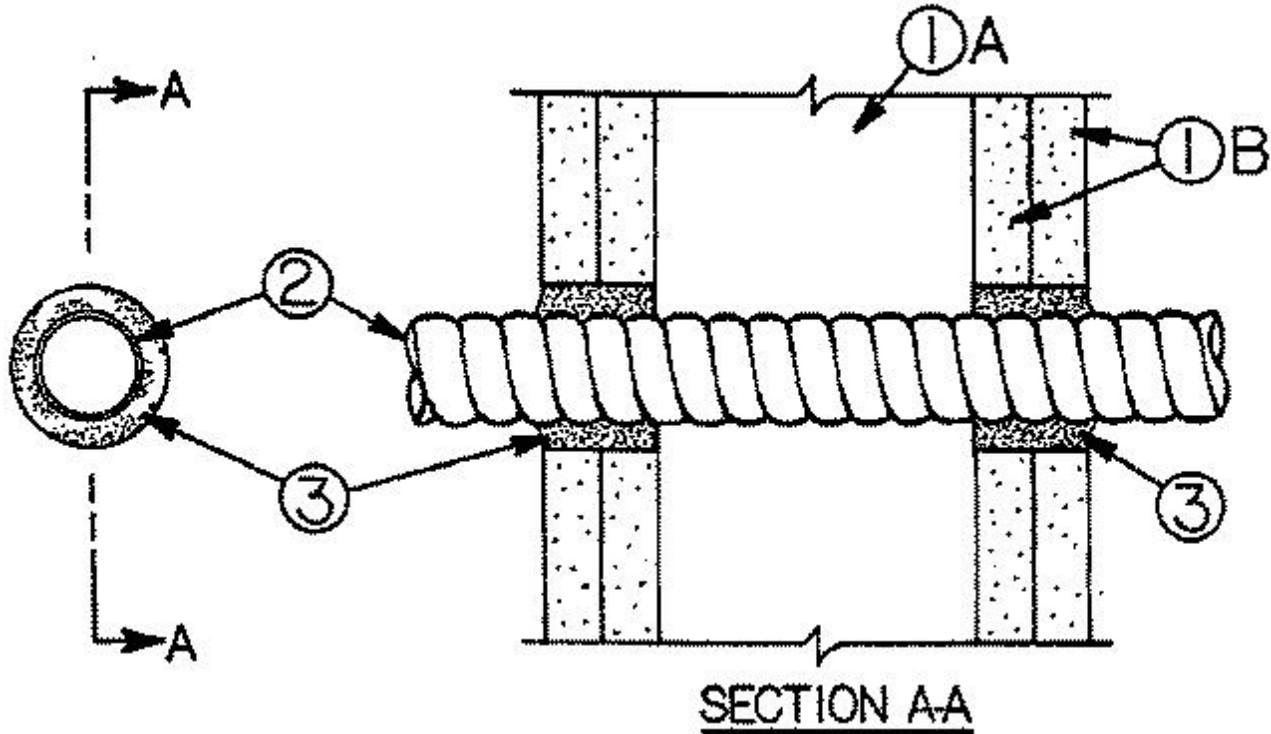


System No. W-L-3097

August 06, 2003

F Rating — 2 Hr

T Rating — 0 Hr



1. **Wall Assembly** — The fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.

B. **Gypsum Board*** — Two layers of nom 5/8 in. thick gypsum board, as specified in the individual Wall and Partition Design. Max diam of opening is 2 in.

2. **Through Penetrating Product*** — Max one through-penetrating product to be installed either concentrically or eccentrically within the opening. The annular space between through-penetrating product and periphery of opening is min 1/4 in. to max 3/4 in. Through-penetrating product to be rigidly supported on both sides of wall assembly. The following types of through-penetrating products may be used:

A. Max four copper conductors No. 2/0 AWG (or smaller) aluminum or steel **Armored Cable#** or **Metal-Clad Cable+**.

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B. Two or more twisted copper conductors No. 6 AWG (or smaller) **Power Limited Circuit Cable+** with or without a jacket under a metal armor.

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C. Two or more twisted copper conductors No. 10 AWG (or smaller) **Power Limited Fire Alarm Cable+** with or without a jacket under a metal armor.

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D. Two or more twisted copper conductors No. 12 AWG (or smaller) **Non Power Limited Fire Alarm Cable+** with or without a jacket under a metal armor.

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3. **Fill, Void or Cavity Material*** — **Caulk** — Min 1-1/4 in. thickness of fill material applied within the annulus, flush with both surfaces of wall.

RECTORSEAL — Metacaulk 835+

*Bearing the UL Classification Mark