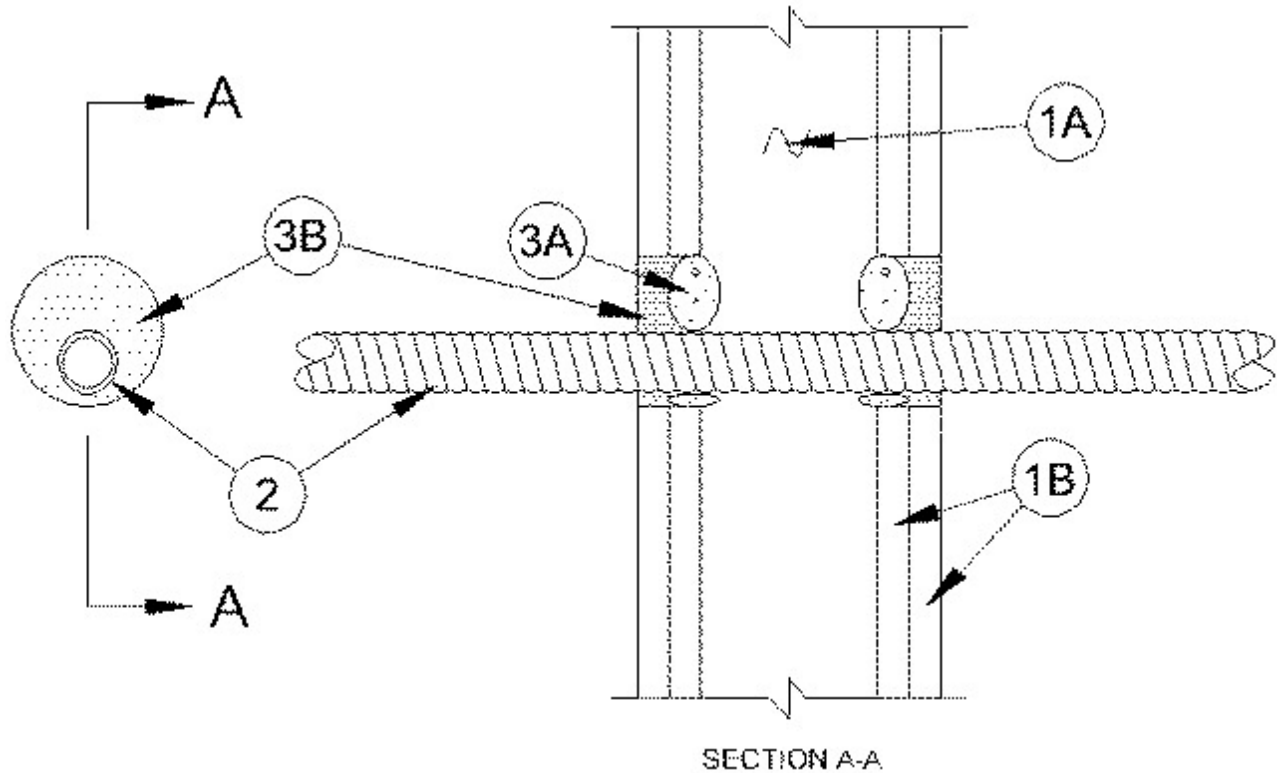


System No. W-L-1400

September 26, 2005

F Ratings — 1 and 2 Hr (See Item 1)

T Ratings — 1 and 2 Hr (See Item 1)



1. Wall Assembly — The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 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. (51 by 102 mm) lumber spaced 16 in. OC (406 mm). Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. OC (610 mm).

B. Gypsum Board* — The gypsum board type, thickness, number of layers and orientation shall be, as specified in the individual Wall and Partition Design. Max diam of opening is 3 in. (76 mm).

The hourly F and T Ratings of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through Penetrating Product* — Flexible Metal Piping — One nom 1-1/4 in. (32 mm) diam (or smaller) steel flexible metal piping to be installed concentrically or eccentrically within the firestop system. The annular space between the penetrant and periphery of opening shall be min 1/4 in. (6 mm) to max 1-1/2 in. (38 mm). Piping to be rigidly supported on both sides of wall assembly.

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3. Firestop System — The firestop system shall consist of the following:

A. **Packing Material** — In 2 hr rated wall assemblies, foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from both surfaces of wall to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Materials*** — **Caulk** — Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. At point contact location between wall and conduit, a min 1/4 in. (6 mm) diam bead of fill material shall be applied to the wall/conduit interface on both surfaces of wall.

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*Bearing the UL Classification Mark