

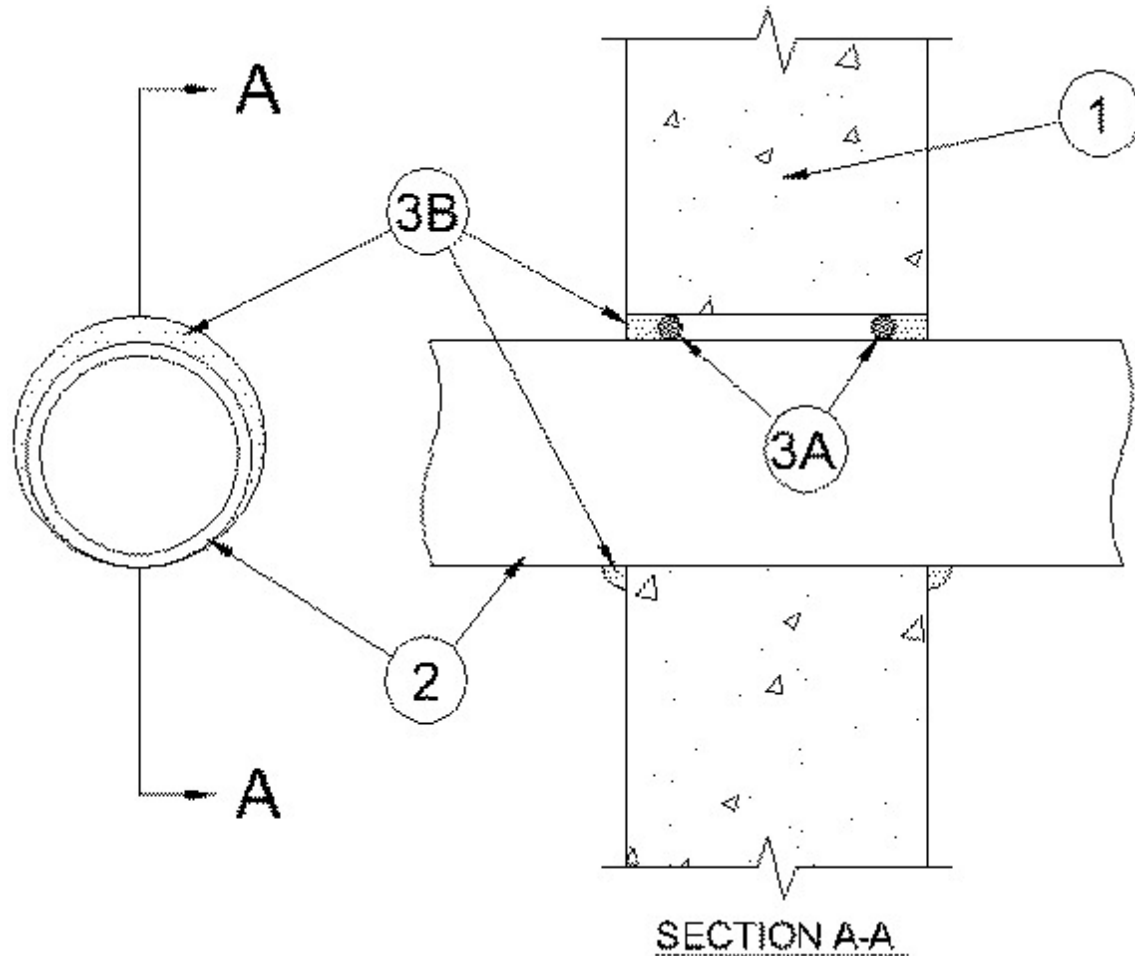


### System No. W-J-7042

July 17, 2002

F Rating — 2 Hr

T Rating — 0 Hr



1. **Wall Assembly** — Min 6 in. thick lightweight or normal weight (100-150 pcf) concrete wall assembly. Wall may also be constructed of any UL Classified **Concrete Blocks**\*. Max diam of opening is 5 in.

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Through Penetrants** — One metallic vent duct to be installed eccentrically within the firestop system. A nom annular space of min 0 in. (point contact) to max 1 in. is required within the firestop system. Duct to be rigidly supported on both sides of wall assembly. The following types and sizes of ducts may be used:

A. **Steel Rigid Vent Duct** — Nom 4 in. diam (or smaller) 28 ga. (or heavier) steel rigid vent duct.

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

A. **Packing Material** — Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material\* - Caulk** — Min 5/8 in. thickness of fill material applied within the annulus, flush with both surfaces of wall. At point contact location, a min 1/2 in. diam bead of fill material shall be applied to the concrete/duct interface on both sides of wall.

\*Bearing the UL Classification Mark