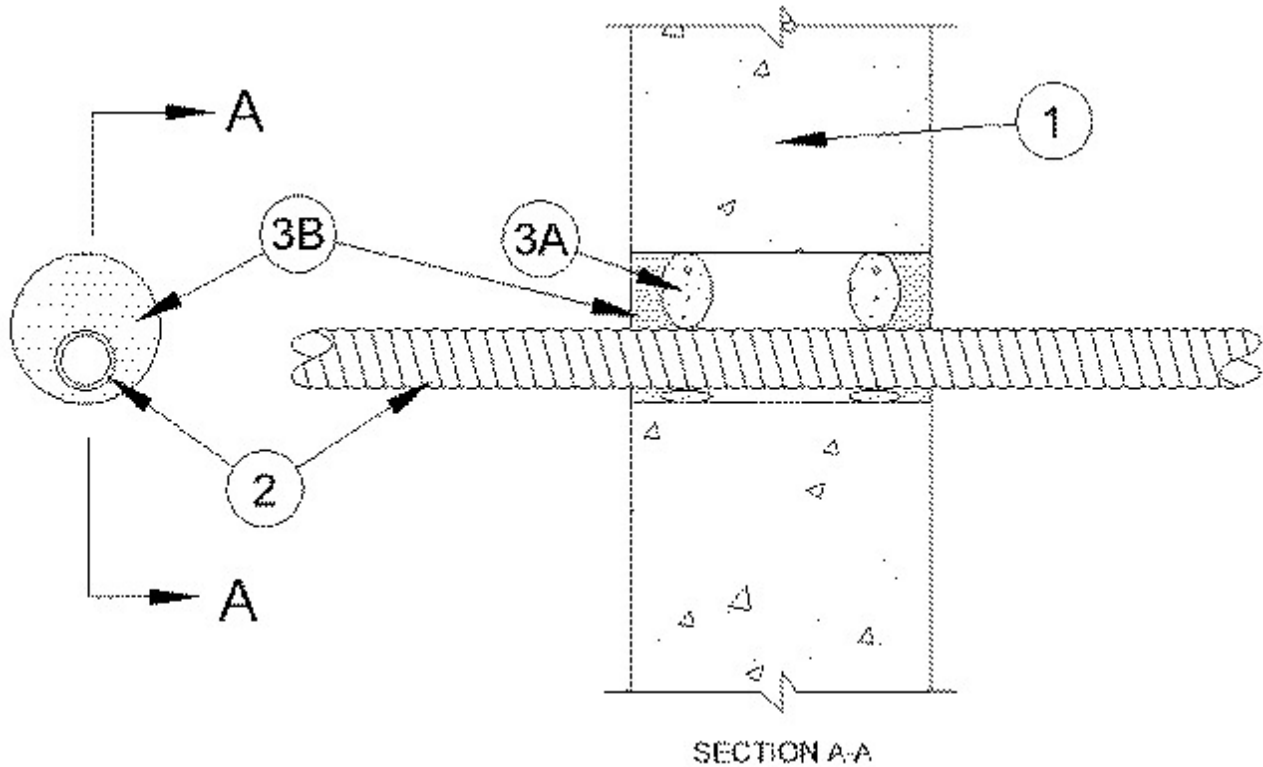


## System No. W-J-1198

September 26, 2005

F Rating — 2 Hr

T Rating — 2 Hr



1. **Wall Assembly** — Min 6 in. (152 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m<sup>3</sup>) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks\***. Max diam of opening is 3 in. (76 mm).

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

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 either concentrically or eccentrically within the firestop system. The annular space 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.

**OMEGA FLEX INC**

**GASTITE, DIV OF TITFLEX**

**WARD MFG INC**

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 to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material\*** — **Caulk** — Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall.

**RECTORSEAL** — Biostop 350i

\*Bearing the UL Classification Mark