



System No. W-J-2007

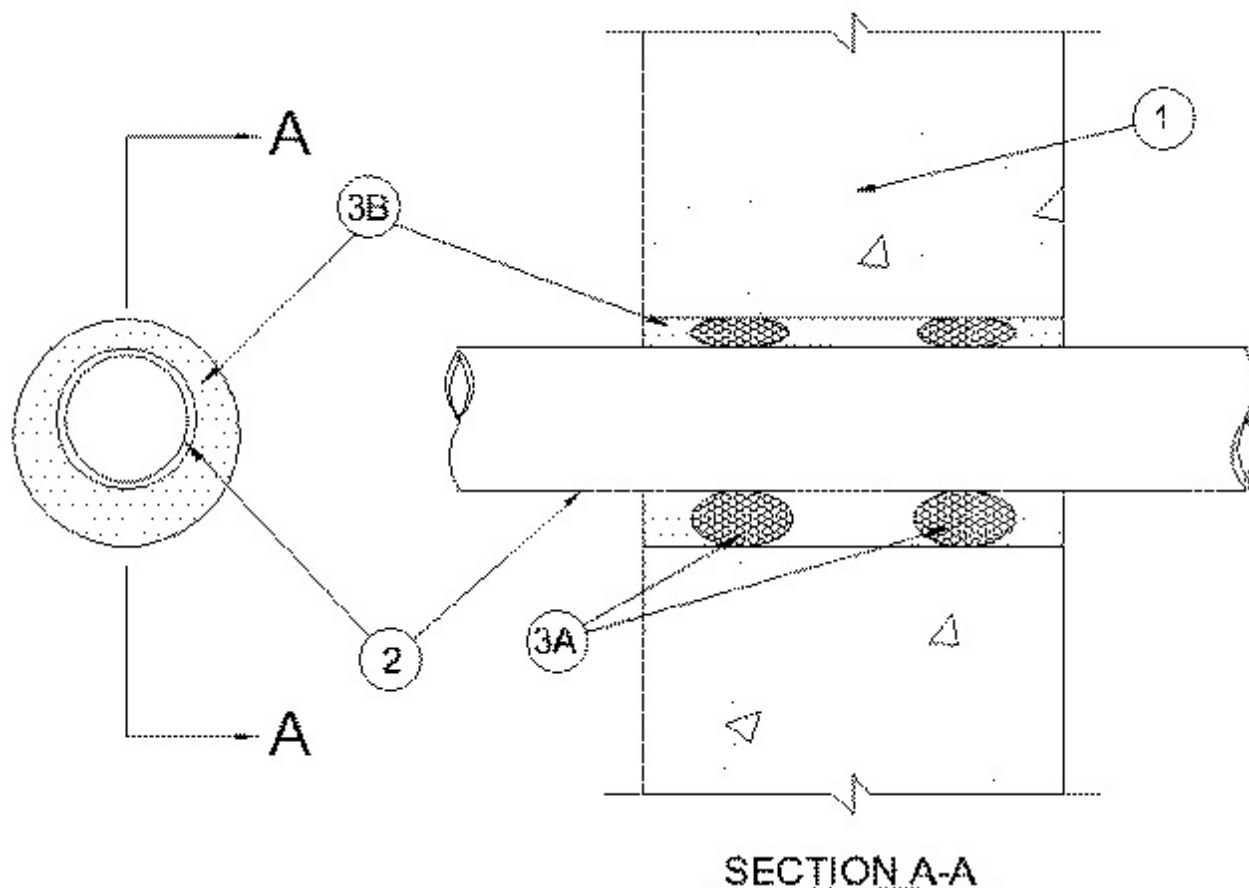
August 28, 2002

F Rating — 2 Hr

FT Rating — 1 Hr

FH Rating — 2 Hr

FTH Rating — 1 Hr



System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

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 3-5/8 in.

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

2. **Through Penetrants** — One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. The annular space between the nonmetallic pipe and the periphery of opening shall be min 3/8 in. to max 3/4 in. Pipe to be rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic pipes may be used:

A. **Acrylonitrile Butadiene Styrene (ABS) Pipe** — Nom 2 in. diam (or smaller) Schedule 40 cellular or solid core ABS pipe for use in vented (drain, waste or vent) piping systems.

3. The firestop system shall consist of the following:

A. **Packing Material** — Foam backer rod firmly packed into opening as a permanent form. Packing material is 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.

RECTORSEAL — Metacaulk 1000

*Bearing the UL Classification Mark