



System No. W-J-2005

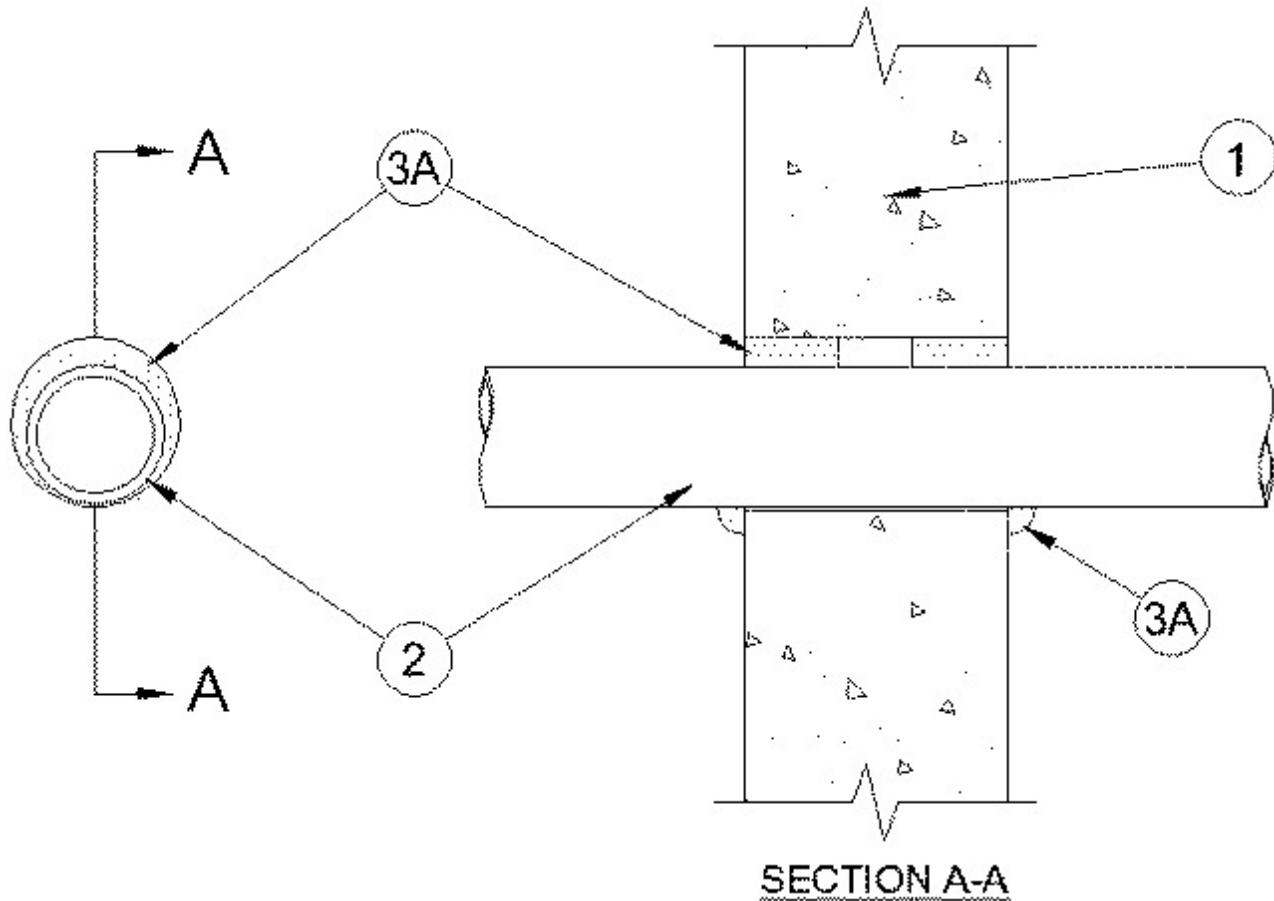
June 24, 2003

F Rating — 2 Hr

FT Rating — 2 Hr

FH Rating — 2 Hr

FTH Rating — 2 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 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 3 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 eccentrically or concentrically within the firestop system. The annular space shall be min 1/16 in. to max 9/16 in. Pipe to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of nonmetallic pipes may be used:

A. **Polyvinyl Chloride (PVC) Pipe** — Nom 2 in. diam Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** — Nom 2 in. diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.

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

A. Fill, Void Or Cavity Material - Caulk — Min 1-1/2 in. thickness of fill material applied within the annulus, flush with both surfaces of wall. A ½ in. diam bead of caulk shall be applied at the 1/16 in. annular space between the pipe and periphery of opening on both surfaces of wall.

RECTORSEAL — Metacaulk 1000

*Bearing the UL Classification Mark