ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 3 Hr	F Rating — 3 Hr
T Rating — 0 Hr	FT Rating — 0 Hr
	FH Rating — 3 Hr
	FTH Rating — 0 Hr

SECTION A-A
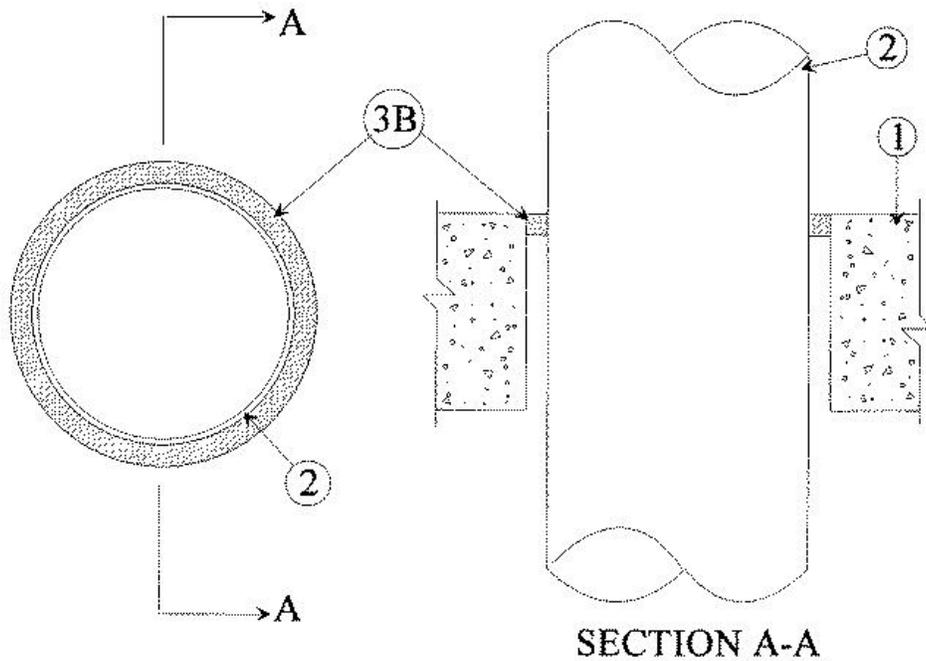
1. **Floor or Wall Assembly —** Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight concrete (100-150 pcf or 1600-2400 kg/m^3) floor or wall. Wall may also be constructed of any UL Classified **Concrete Blocks*.** Max diam of opening is 7 in. (178 mm).
See **Concrete Block** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Through Penetrants —** One metallic pipe, conduit or tubing to be centered within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The annular space between pipe or conduits and periphery of opening shall be 3/16 in. (7 mm). The following types and sizes of metallic pipes, conduits or tubing may be used:
    A. Nom 6 in. (152 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

    B. Nom 6 in. (152 mm) diam (or smaller) rigid galv steel conduit.

3. **Firestop System —** The firestop system shall consist of the following:
    A. **Forming Material* —** (Not Shown, Optional) — Min 1/2 in. (13 mm) thick boards friction-fitted into annular space between through-penetrant and periphery of opening. Forming material to be recessed a min of 1/2 in. (13 mm) from top surface of floor or from both surfaces of wall. Forming material may be removed after fill material cures.

    B. **Fill, Void or Cavity Material* — Sealant —** Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.
    RECTORSEAL — Types FS900, FS901, FS903, FS903CG, FS905, FS905CG, FS929, FST901, FST903, FST905, Metacaulk 150+

*,+ Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.