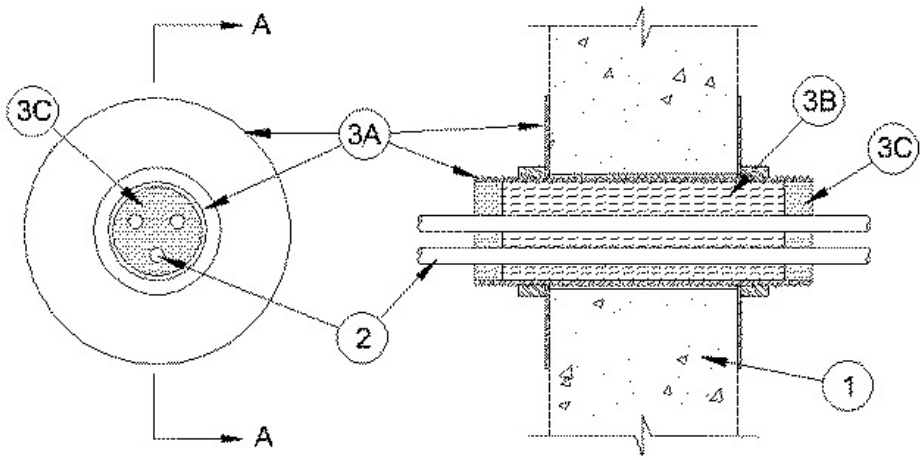
ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 4 Hr	F Rating - 4Hr
T Rating - 0 Hr	FT Rating - 0 Hr
	FH Rating - 4 Hr
	FTH Rating - 0 Hr



Section A-A

1. **Wall Assembly —** Min 7-5/8 in. (194 mm) thick reinforced lightweight or normal weight (100~~1~~150 pcf or 1600-2400 kg/m^3) concrete wall. Wall may also be constructed of any nom 8 in. (203 mm) thick (or thicker) UL Classified **Concrete Blocks*** with Classification B-4.

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

2. **Cables —** Aggregate cross-sectional area of cables in sleeve to be min to 8 max 34 percent of the cross-sectional area of the sleeve. Cables to be tightly bundled. The annular space shall be min 1/4 in. (6 mm) to max 1-1/4 in. (32 mm) Cables to be rigidly supported on both surfaces of the wall assembly. Any combination of the following types and sizes of cables may be used:

A. Max RG59/U (or smaller) coaxial cable with fluorinated ethylene insulation and jacketing.

B. Max 62.5/48 fiber optic cable with PVC insulation and jacket.

C. Max 4 pair No. 24 AWG (or smaller) copper conductor data cable with PVC insulation and jacketing.

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

A. **Firestop Device* —** Threaded steel sleeve device incorporating flat washers secured by threaded couplers. Device shall be installed around cables in accordance with the accompanying installation instructions. Device provided in nom 1, 2 and 4 in. (25, 51 and 102 mm) sizes. Max diam of opening in wall for 1, 2 and 4 in. (25, 51 and 102 mm) size devices are 1-1/4, 2-7/16 and 4-1/2 in. (32, 62 and 114 mm) respectively.
UNIQUE FIRE STOP PRODUCTS INC — Threaded Firestop

A1. **Firestop Device* —** (Not Shown) — As an alternate to the threaded sleeve device in Item 3A, threaded steel sleeve halves incorporating split nuts and split washers sized to fit the specific diam of the opening may be used. Device shall be installed around cables in accordance with the accompanying installation instructions. Device provided in nom 1, 2 and 4 in. (25, 51 and 102 mm) sizes. Max diam of opening in wall for 1, 2 and 4 in. (25, 51 and 102 mm) size devices are 1-1/4, 2-7/16 and 4-1/2 in. (32, 62 and 114 mm) respectively.
UNIQUE FIRE STOP PRODUCTS INC — Split Sleeve

B. **Packing Material —** Min 4 pcf (64 kg/m^3) mineral wool batt insulation firmly-packed into opening as a permanent form through full length of steel sleeve except for recess at each end of device to accommodate the required thickness of fill

material.

C. **Fill, Void or Cavity Materials* - Putty —** Min 1 in. (25 mm) thickness of fill material applied within annulus, flush with both ends of firestop device.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 618 Firestop Putty Stick

RECTORSEAL — Metacaulk Fire Rated Putty

SPECIFIED TECHNOLOGIES INC — SpecSeal Putty

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

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