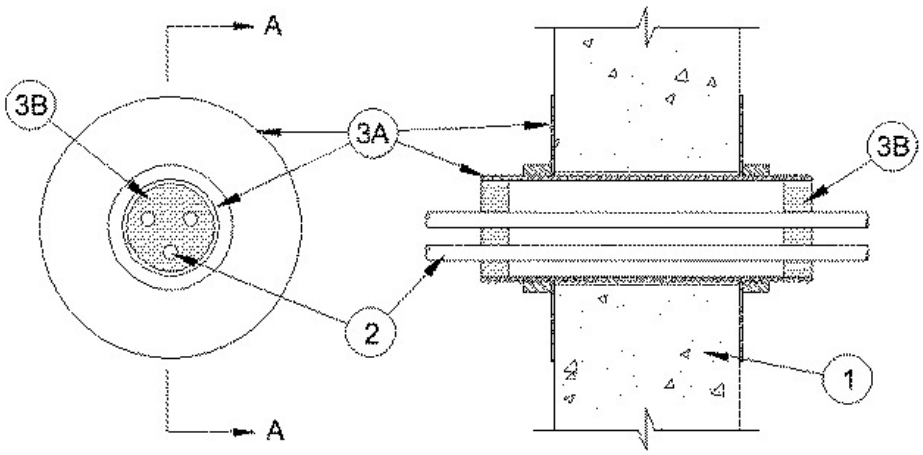
ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 2 Hr	F Rating - 2 Hr
T Rating - 0 Hr	FT Rating - 0 Hr
	FH Rating - 2 Hr
	FTH Rating - 0 Hr



Section A-A

1. **Wall Assembly —** Min 6 in. (152 mm) thick reinforced lightweight or normal weight (100~~-~~150 pcf or 1600-2400 kg/m^3) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***.

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

2. **Cables —** Aggregate cross-sectional area of cables in Threaded Sleeve to be min 8 percent to max 48 percent of the aggregate cross-sectional area of the Threaded Sleeve. Cables to be rigidly supported on both sides of wall assembly. Any combination of the following types and sizes of cables may be used:

A. Max 200 pair No. 24 AWG (or smaller) copper conductor cable with polyvinyl chloride (PVC) jacketing and insulation.

B. Max 1/C, 750 kcmil power cable with copper conductors and cross-linked polyethylene (XLPE) jacketing.

C. Max 3/C No. 2/0 AWG (or smaller) aluminum or copper conductor service entrance cable with PVC insulation and jacket.

D. Max 3/C No. 8 AWG (or smaller) nonmetallic sheathed (Romex) cable with copper conductors, PVC insulation and jacket.

E. Max 7/C No. 2/0 AWG (or smaller) multiconductor power and control cables with XLPE or PVC insulation and XLPE or PVC jacket.

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

G. Max 62.5/48 fiber optic cable with PVC insulation and jacketing.

H. Max 4 pair No. 24 AWG (or smaller) copper conductor category 5 with Hylar insulation and jacket.

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

B. **Fill, Void or Cavity Material* - Sealant or Putty —** Min 1 in. (25 mm) thickness of fill material applied within the Threaded Sleeve, flush with both ends.

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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