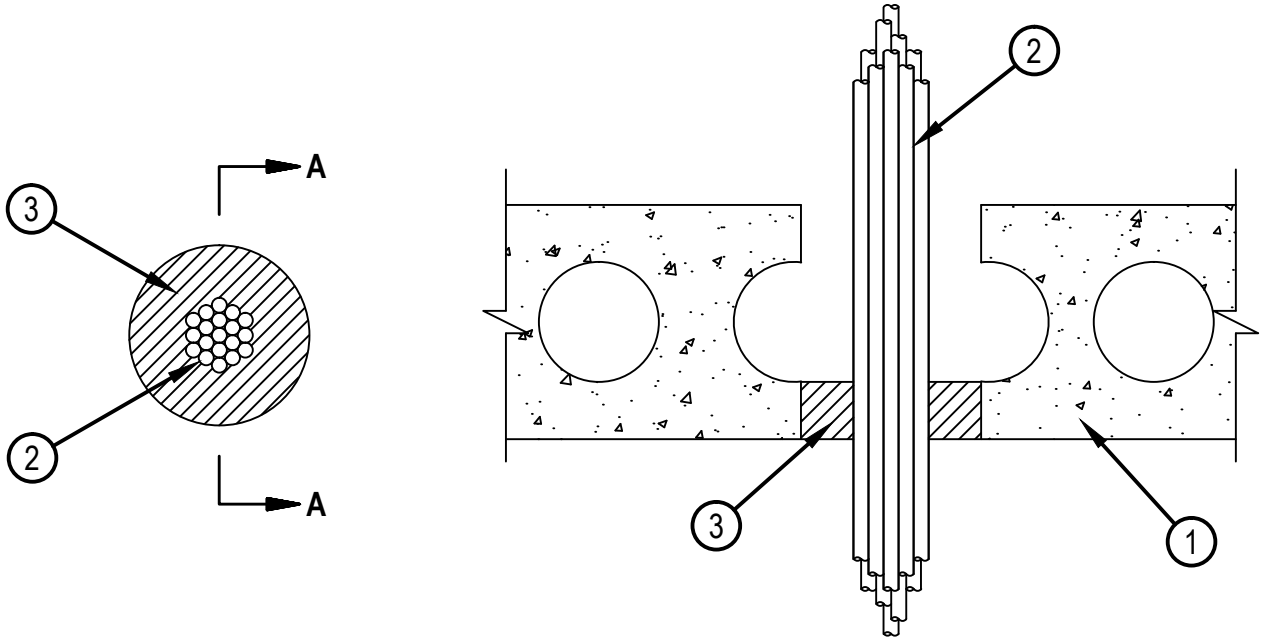
Classified by
Underwriters Laboratories, Inc.
to UL 1479 and CAN/ULC-S115

System No. C-BJ-3024

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 2 Hr	F Rating - 2 Hr
T Rating - 1/2 Hr	FT Rating - 1/2 Hr
	FH Rating - 2 Hr
	FTH Rating - 1/2 Hr



SECTION A-A

1. Floor or Wall Assembly — Min 8 in. (203 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) concrete. Floor assembly may also be constructed of any 8 in. (203 mm) thick UL Classified hollow-core Precast Concrete Units*. Wall may also be constructed of any UL Classified Concrete Blocks*. Max size of opening is 6 in. (152 mm).
   See Concrete Blocks (CAZT) and Precast Concrete Units (CFTV) category in the Fire Resistance Directory for names of manufacturers.
2. Cables — Aggregate cross-sectional area of cables in opening to be max 45 percent of the aggregate cross-sectional area of the opening. Cables to be centered and rigidly supported on both sides of floor or wall assembly. Annular space between cable bundle and edge of opening to be 1 in. (25 mm) maximum. Any combination of the following types and sizes of copper conductor cables may be used:
   A. Max 300 pair No. 24 AWG telephone cables with polyvinyl chloride (PVC) jacket.
   B. Max 500 kcmil single-conductor power cables; copper conductors; cross-linked polyethylene insulation with polyvinyl chloride (PVC) jacket.
   C. 7/C (with ground) No. 8 AWG cable, with PVC insulation and outer jacket.
   D. Multiple 24 fiber-optical communication cables jacketed with polyvinyl chloride and having a max outside diam of 1/2 in. (13 mm).
   E. 3/C (with ground) No. 12 AWG bare copper ground metal clad cable with PVC jacket.
3. Fill, Void or Cavity Materials* - Sealant — Min 2 in. (51 mm) thickness of fill material applied within the annulus, flush with bottom surface of floor. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant.

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