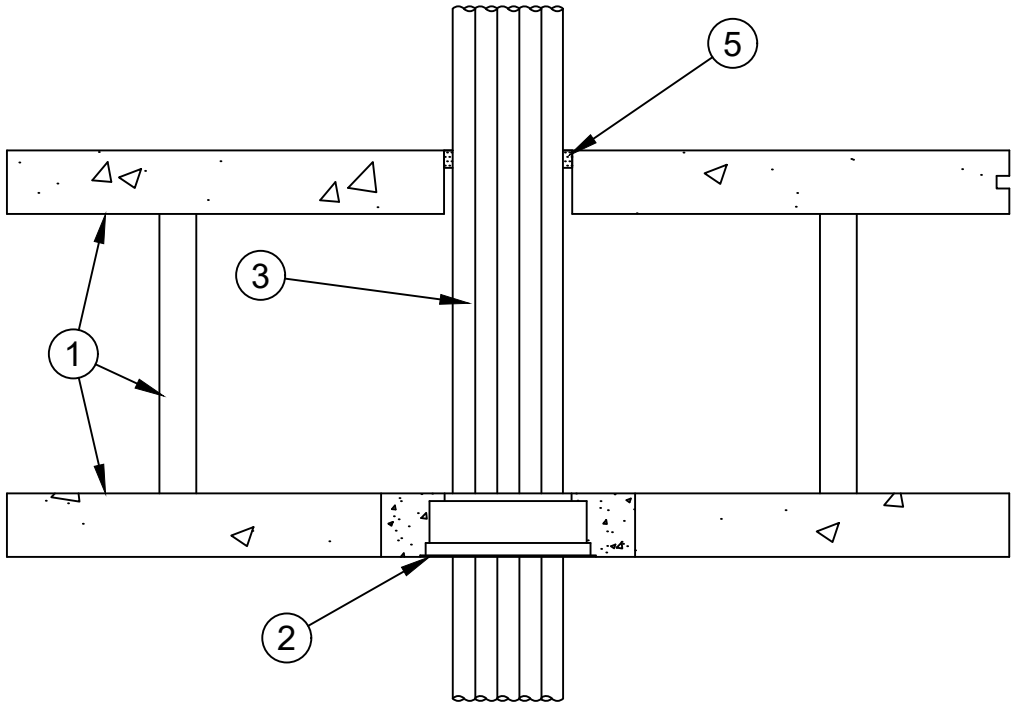
Classified by
Underwriters Laboratories, Inc.
to ANSI/UL 1479 (ASTM E814) and CAN/ULC S115

System No. F-B-3019

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating - 2 Hr	F Rating - 2 Hr
T Rating - 3/4 Hr	FT Rating - 3/4 Hr
	FH Rating - 2 Hr
	FTH - 3/4 Hr



1. **Precast Concrete Units (CFTV)* -** Precast, pre-stressed, dual deck units constructed in accordance with Floor-Ceiling Design No. K919. At top of floor, diam of opening to be max 1 in. (25 mm) greater than the diam of the cable bundle.

   FINFROCK INDUSTRIES INC - Type Dual Deck

2. **Firestop Device* -** Cast in place firestop device permanently embedded during the concrete pour or grouted into the concrete assembly in accordance with the accompanying installation instructions. The throat of the firestop device may be cut flush with the top surface of the floor or extend beyond the top surface of the floor.

   SPECIFIED TECHNOLOGIES INC - SpecSeal CD200, CD201, CD201C, CD202, CD300, CD301, CD301C, CD302, CD400, CD401 or CD402 Cast In Firestop Device. When SpecSeal CD200, CD300, CD400 is used, device fitted with steel top ring.

3. **Cables -** Cables to be rigidly supported on both sides of the assembly. At top of floor, the annular space between cables and the periphery of the opening shall be min 1/8 in. (3 mm) to max 1 (25 mm). See table below for max cable bundle diameter. Any combination of the following types and sizes of cables may be used:

   A. Max 1/C 750 kcmil cable with crosslinked polyethylene (XLPE) jacket.

   B. Max 7/C No. 12 AWG or max 12/C No. 14 AWG cable with XLPE insulation and jacket.

   C. Max 400 pair No. 24 AWG cable with PVC or plenum-rated insulation and jacket.

   D. Max 3/8 in. diam optical fiber communication cable with PVC or plenum-rated jacket.

   E. Max 1/2 in. diam aluminum or steel armored optical fiber communication cable with PVC or plenum-rated jacket.

   F. Max 4 pair No. 24 AWG Cat 5, Cat 5E or Cat 6 cable with PVC or plenum-rated jacket.

G. Coaxial cable with fluorinated ethylene insulation and jacket having a max diam of 5/8 in. (16 mm).

H. Max 4/C No. 2/0 (or smaller) aluminum or copper conductor aluminum or steel jacketed Metal-Clad or Armored-Clad cable.

I. Max RG/6 (or smaller) coaxial cable with fluorinated ethylene (FE) or polyvinyl chloride (PVC) insulation and jacket materials.

Max Cable Diam, in. (mm) (a)	Firestop Device
2-3/8 (60)	CD200, CD201, CD201C and CD202
3-1/2 (89)	CD300, CD301, CD301C and CD302
4-1/2 (114)	CD400, CD401 and CD402

(a) When cable bundle diam is smaller than those shown in the table above, packing material shall be installed into the device as described in Item 4.

4. **Packing Material -** (Not Shown) - When required under Item 3, min 2 in. (51 mm) thickness of min 4 pcf (64 kg/m3) mineral wool firmly packed into device flush with top edge of device (Item 2) and extending a min 1 in. (25 mm) below the top surface of the floor.

5. **Fill, Void or Cavity Material* - Sealant -** At top of floor, min 3/4 in. (19 mm) thickness of fill material applied within the annulus, flush with the top surface of the floor.

SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant, SpecSeal LCI Sealant or SpecSeal SIL300 Sealant

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