System No. F-A-4003

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
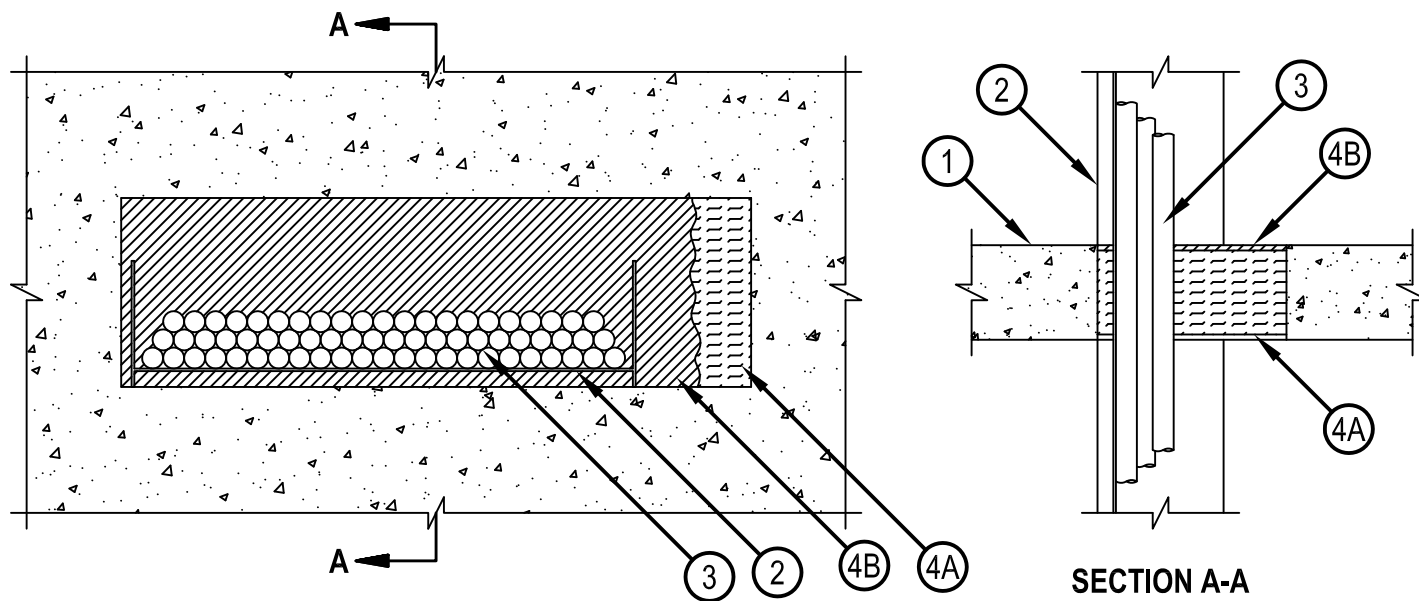
1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Max size of opening is 30 by 9 in. (762 by 229 mm).

2. Cable Tray* — Max 24 in. (610 mm) wide by 6 in. (152 mm) deep open-ladder steel or aluminum cable tray. The annular space between cable tray and periphery of opening shall be min 0 in. (0 mm) (point contact) to max 6 in. (152 mm). Cable tray to be rigidly supported on both sides of the floor assembly.
CABLOFIL INC — Type P-W

3. Cables — Aggregate cross-sectional area of cable tray to be max 67 percent of the cross-sectional area of the cable tray. Any combination of the following types and sizes of cables may be used:
    A. Max 300 pair No. 24 AWG telephone cable with polyvinyl chloride (PVC) insulation and jacket.
    B. Max 500 kcmil single conductor copper power cable with PVC jacket material.
    C. Multiple fiber optical communication cable jacketed with PVC and having a max OD of 1/2 in. (12 mm).
    D. Max 3/C No. 12 AWG steel clad cable with copper conductors and PVC insulation material.
    E. Max 7/C 12 AWG copper power cable with PVC jacket material.

4. Firestop System — The firestop system shall consist of the following:
    A. Packing Material — Min 4 in. (102 mm) thickness of 4 pcf (64 kg/m³) mineral wool batt insulation tightly packed into the opening as a permanent form. Packing material to be recessed from top surface of floor to accommodate the required thickness of fill material.
    B. Fill, Void or Cavity Material — Sealant — Min 1/4 in. (6 mm) thickness of fill material applied within the annulus flush with the top surface of the floor.
    HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 604, CFS-S SIL GG or CFS-S SIL SL Sealant

*Bearing the UL Classification Mark

Hilti Firestop Systems