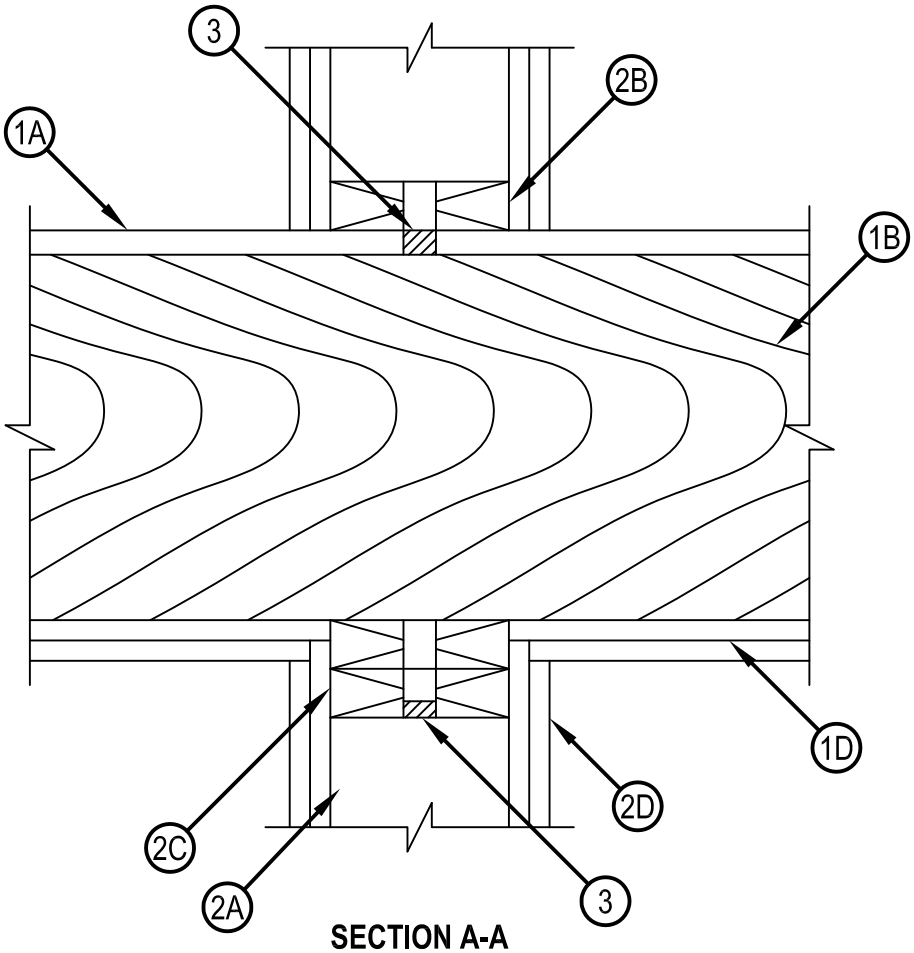
System No. F-C-0002

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

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings — 1 and 2 Hr (See Item 1)	F Ratings — 1 and 2 Hr (See Item 1)
T Ratings — 1 and 2 Hr (See Item 1)	FT Ratings — 1 and 2 Hr (See Item 1)
	FH Ratings — 1 and 2 Hr (See Item 1)
	FTH Ratings — 1 and 2 Hr (See Item 1)



SECTION A-A

1. Floor-Ceiling Assembly — The 1 or 2 hr fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Designs in the UL Fire Resistance Directory. The general construction features of the floor-ceiling assembly are summarized below:
   - A. Floor System — Lumber of plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Floor-Ceiling Design. Max diam of floor opening is 1 in. (25 mm).
   - B. Wood Joints* — Nom 10 in. (254 mm) deep (or deeper) lumber, steel or combination lumber and steel joists, trusses or Structural Wood Members* with bridging as required and with ends firestopped.
   - C. Furring Channels — (Not Shown) — Resilient galv steel furring installed perpendicular to wood joists between board and wood joists as required in the individual Floor-Ceiling Design. Furring channels spaced max 24 in. (610 mm) OC.
   - D. Gypsum Board* — Nom 4 ft (122 cm) wide by 5/8 in. (16 mm) thick as specified in the individual Floor-Ceiling Design. Gypsum board secured to wood joints or furring channels as specified in the individual Floor-Ceiling Design. Max diam of opening is 1 in. (25 mm).

   The F, FH and T, FT, FTH Ratings of the firestop system are equal to the hourly fire rating of the floor-ceiling assembly in which it is installed.

2. Chase Wall — (Optional) - The 1 or 2 hr fire-rated single, double or staggered wood stud/gypsum board chase wall shall be constructed of the materials and in the manner specified in the manner specified in the individual U300 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs — Nom 2 by 4 in or 2 by 6 in. (51 by 102 or 51 by 152 mm) lumber studs.
   B. Sole Plate — Nom 2 by 4 in or 2 by 6 in. (51 by 102 or 51 by 152 mm) lumber plates.
   C. Top Plate — The double top plate shall consist of two nom or 2 by 4 in. or 2 by 6 in. (51 by 102 or 51 by 152 mm) lumber plates. Max diam of opening is 1 in.
   D. Gypsum Board* — Thickness, type, number of layers and fasteners shall be as specified in individual Wall and Partition Design.
3. Fill, Void or Cavity Material+ — Sealant — Min 3/4 in. (19 mm) thickness of fill material applied within the annulus on top surface of floor or sole plate of chase wall. Min 5/8 in. (16 mm) thickness of fill material applied within the annulus, flush with the bottom surface of the ceiling or lower top plate.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS ONE Sealant, FS-ONE MAX Intumescent Sealant or CP606 Sealant.

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