



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

# System No. W-J-2032

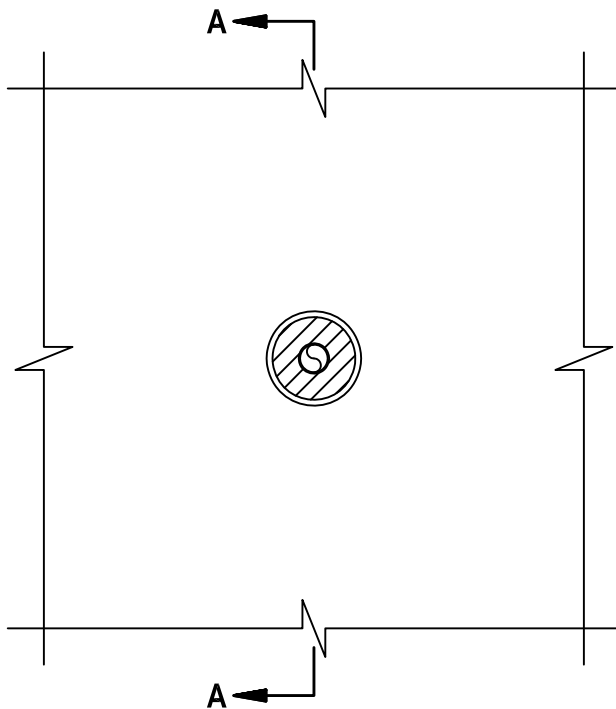
## F Rating -2 Hr

### FH, FT and FTH Ratings - 0 Hr

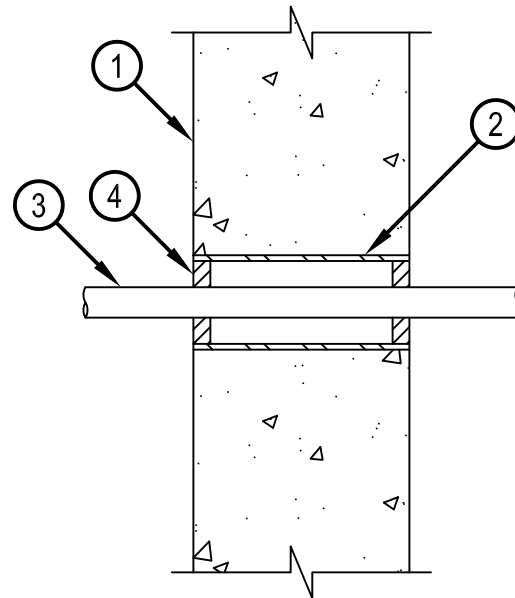


WJ 2032

FRONT VIEW



SECTION A-A



System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. Wall Assembly — Min 150 mm (6 in.) thick reinforced lightweight or normal weight (1600 - 2400 kg/cu meter, 100 - 150 pcf) concrete wall assembly. Wall may also be constructed of any UL Classified Concrete Blocks\*. Max diam of opening 76 mm (3 in.).  
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Metallic Sleeve — (Optional) Nom 76 mm (3 in.) diam (or smaller) Schedule 10 (or heavier) steel pipe cast-in-place or installed within opening with the ends flush with both surfaces of the wall.
3. Cross-Linked Polyethylene (PEX) Tubing — Nom 25 mm (1 in.) diam (or smaller) SDR 9 PEX tubing. One nonmetallic pipe to be installed concentrically or eccentrically within the firestop system. Annular space between pipe and periphery of opening to be min 6 mm (1/4 in.), to max 35 mm (1-3/8).
4. Fill, Void or Cavity Material\* — Sealant - Minimum 5/8 in. (16 mm), thickness of fill material applied within the annulus, flush with both surfaces of wall.

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.



**Hilti Firestop Systems**

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