

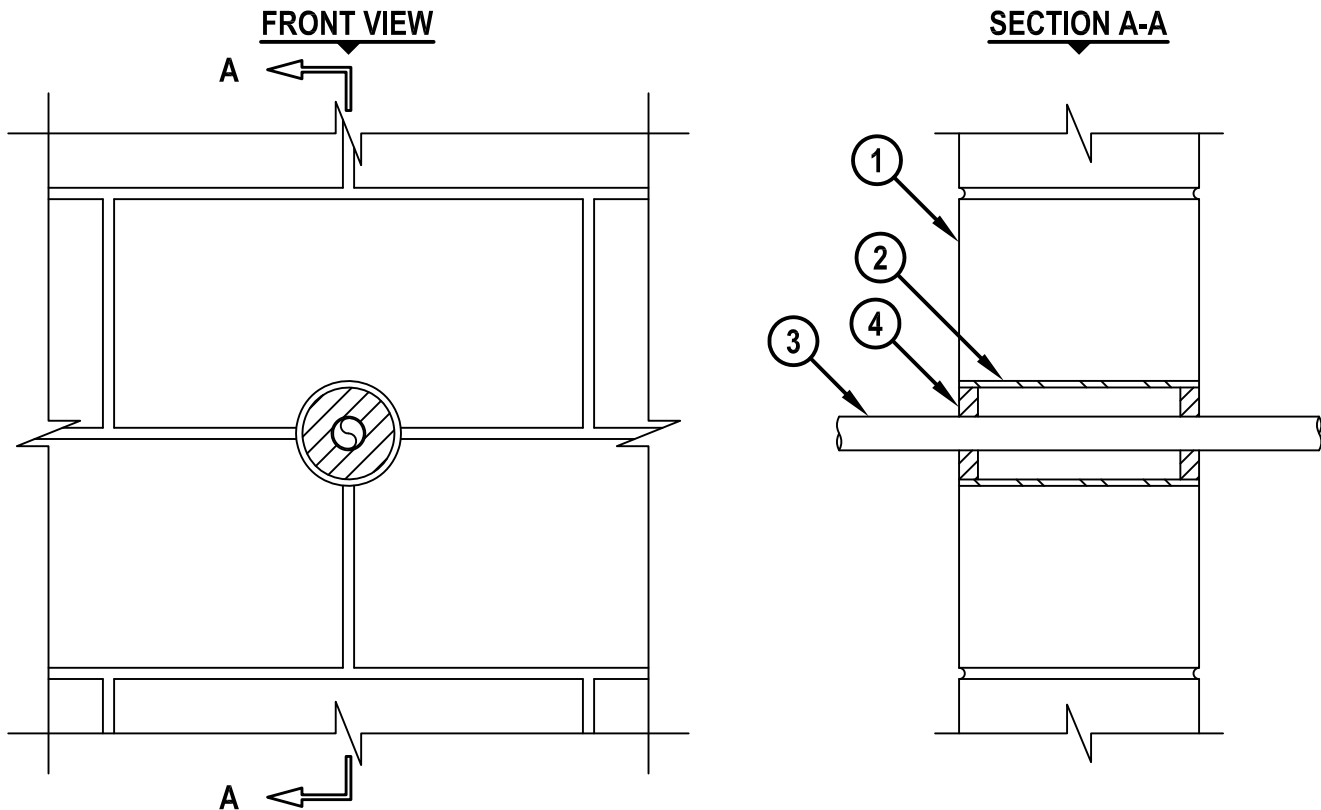
PLASTIC PIPE THROUGH CONCRETE WALL OR BLOCK WALL ASSEMBLY

F-RATING = 2-HR.

FT, FH, AND FTH-RATINGS = 0-HR.

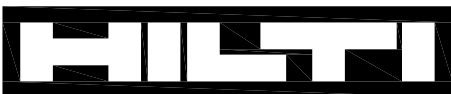
NOTE : TESTED WITH A 50 Pa PRESSURE DIFFERENTIAL

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1. CONCRETE WALL ASSEMBLY (2-HR. FIRE-RATING) :
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 6" THICK).
 - B. ANY UL/cUL CLASSIFIED CONCRETE BLOCK WALL.
2. [OPTIONAL] MAXIMUM 3" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 10 OR HEAVIER).
3. MAXIMUM 1" NOMINAL DIAMETER SDR 9 CROSS-LINKED POLYETHYLENE (PEX) TUBING.
4. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT.

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 3".
 2. ANNULAR SPACE = MINIMUM 1/4", MAXIMUM 1-3/8".



Hilti Firestop Systems

HILTI, Inc.
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Sheet	1 of 1
Scale	5/32" = 1"
Date	Jan. 17, 2015

Drawing No.

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