

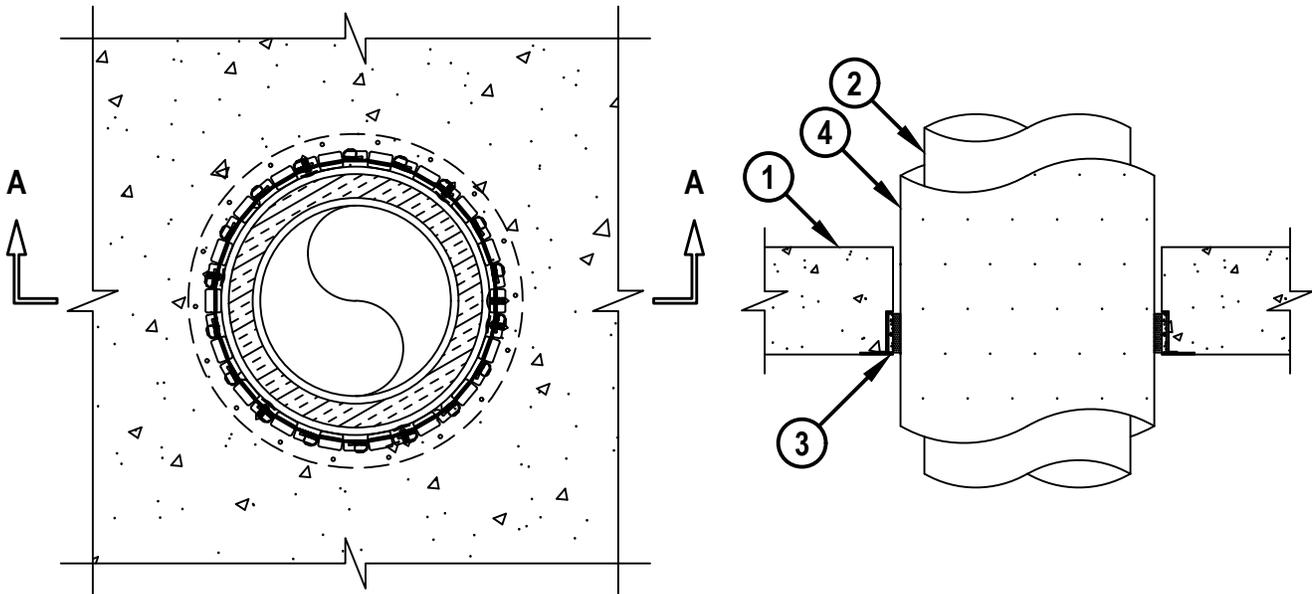
UL SYSTEM NO. F-A-5076
INSULATED METAL PIPE THROUGH CONCRETE FLOOR ASSEMBLY

F-RATING = 2-HR.
 T-RATING = 0-HR. OR 1-3/4-HR.

FA5076a.102522

TOP VIEW

SECTION A-A



1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR ASSEMBLY (MINIMUM 4-1/2" THICK) (2-HR. FIRE-RATING).
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING (SEE NOTE BELOW) :
 - A. MAXIMUM 8" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 40 OR HEAVIER).
 - B. MAXIMUM 8" NOMINAL DIAMETER CAST IRON PIPE.
3. HILTI CFS-CID M [8" OR 10"] FIRESTOP CAST-IN DEVICE CAST OR GROUTED INTO CONCRETE FLOOR (SEE NOTE BELOW).
4. THE FOLLOWING TYPES AND SIZES OF PIPE INSULATION MAY BE USED :
 - A. NOMINAL 1" THICK GLASS-FIBER PIPE INSULATION (MIN. 3.5 PCF DENSITY).
 - B. NOMINAL 1" THICK UNFACED MINERAL FIBER PIPE INSULATION (HIGH TEMPERATURE PIPE INSULATION 1200, HIGH TEMPER PIPE INSULATION BWT, OR HIGH TEMPERATURE PIPE INSULATION THERMALOC BY INDUSTRIAL INSULATION GROUP, LLC). PIPE INSULATION SECURED WITH NOMINAL 16 AWG STEEL WIRE SPACED MAX 12" OC.

**NOTE : FOR NOMINAL 6" DIAMETER PIPES, USE THE HILTI CFS-CID M 8" DEVICE.
 FOR NOMINAL 8" DIAMETER PIPES, USE THE HILTI CFS-CID M 10" DEVICE.**



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Sheet	1 of 1
Scale	1/8" = 1"
Date	Oct. 25, 2022

Drawing No.
**FA
 5076a**