

METAL PIPE THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL ASSEMBLY

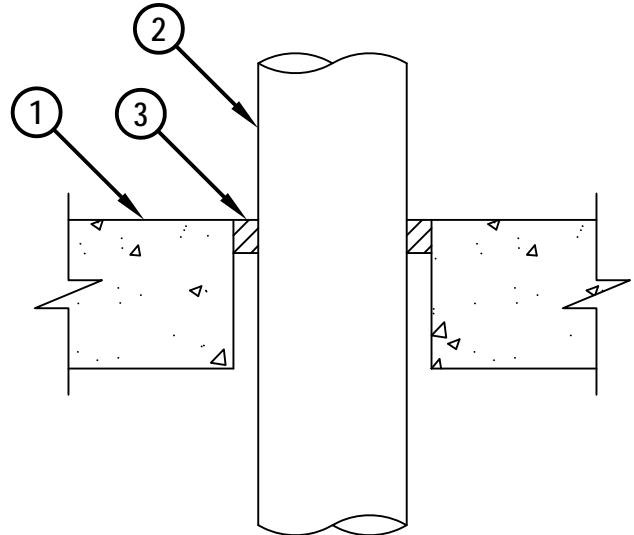
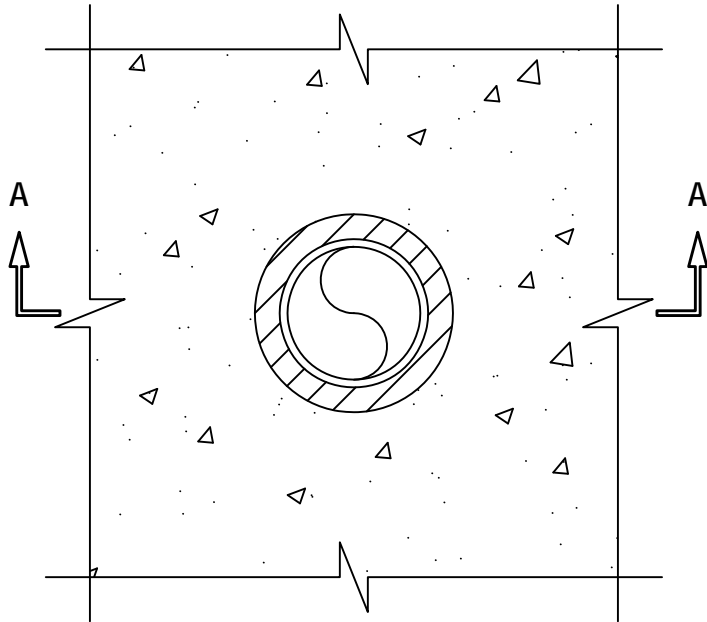
F-RATING = 3-HR.

T-RATING = 0-HR.

CAJ1276d.050112

TOP VIEW

SECTION A-A



1. CONCRETE FLOOR OR WALL ASSEMBLY (3-HR FIRE-RATING) :
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MINIMUM 4-1/2" THICK).
 - B. ANY UL/cUL CLASSIFIED CONCRETE BLOCK WALL.
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING :
 - A. MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
 - B. MAXIMUM 4" NOMINAL DIAMETER STEEL CONDUIT.
 - C. MAXIMUM 4" NOMINAL DIAMETER EMT.
3. MINIMUM 1" DEPTH HILTI CP 618 FIRESTOP PUTTY STICK.

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 6".
 2. ANNULAR SPACE = 3/4".
 3. HILTI CF-AS CJP OR CF 812 FILLER FOAM, MINERAL WOOL (MIN. 4 PCF DENSITY) OR BACKER ROD MAY BE USED AS A BACKER.
 4. MINIMUM 1" DEPTH HILTI CP 618 FIRESTOP PUTTY STICK IS REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.



HILTI, Inc.
 Tulsa, Oklahoma USA (800) 879-8000

Sheet	1 of 1
Scale	1 1/64" = 1"
Date	May 01, 2012

Drawing No.
**CAJ
 1276d**