

PLASTIC PIPE THROUGH CONCRETE FLOOR/CEILING ASSEMBLY

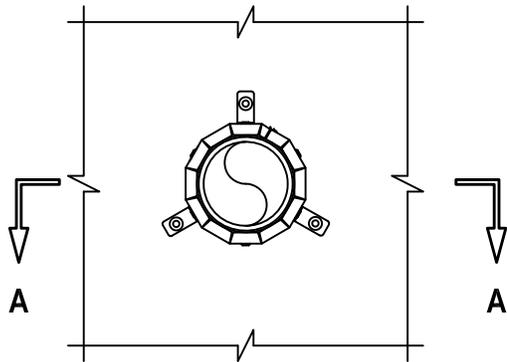
F AND FT-RATINGS = 1-HR.

FH AND FTH-RATINGS = 0-HR.

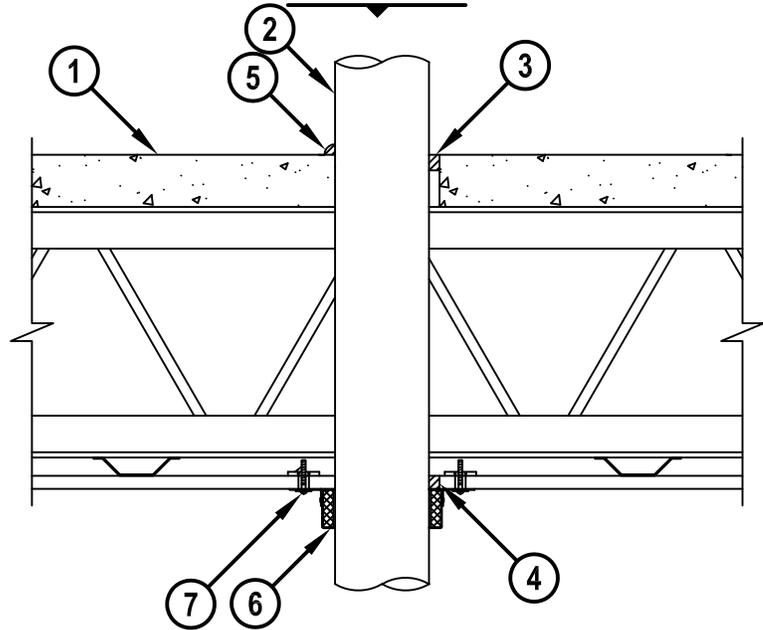
NOTE : TESTED WITH A 50 Pa PRESSURE DIFFERENTIAL

cUL FE2006d.101018

BOTTOM VIEW



SECTION A-A



1. CONCRETE AND STEEL JOIST FLOOR/CEILING ASSEMBLY (UL/cUL CLASSIFIED G500 SERIES) (1-HR. FIRE-RATING).
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING (SEE NOTE NO. 3 BELOW) :
 - A. MAXIMUM 4" NOMINAL DIAMETER PVC PLASTIC PIPE (CELLULAR AND SOLID CORE).
 - B. MAXIMUM 4" NOMINAL DIAMETER ABS PLASTIC PIPE (CELLULAR AND SOLID CORE).
 - C. MAXIMUM 4" NOMINAL DIAMETER CPVC PLASTIC PIPE (SDR 11 OR SDR 13.5).
 - D. MAXIMUM 4" NOMINAL DIAMETER AQUARISE CPVC PLASTIC PIPE (SDR 11) MANUFACTURED BY IPEX, INC. (CLOSED PIPING SYSTEM ONLY).
3. MINIMUM 3/4" DEPTH OF HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT OR HILTI CP 606 FLEXIBLE FIRESTOP SEALANT (SEE NOTE NO. 4 BELOW).
4. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT OR HILTI CP 606 FLEXIBLE FIRESTOP SEALANT (SEE NOTE NO. 4 BELOW).
5. MINIMUM 1/2" BEAD OF HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT OR HILTI CP 606 FLEXIBLE FIRESTOP SEALANT AT POINT OF CONTACT (SEE NOTE NO. 4 BELOW).
6. HILTI CP 643N FIRESTOP COLLAR WITH FASTENING HOOKS.
7. ATTACH MOUNTING HOOKS TO CEILING ASSEMBLY WITH HILTI 3/16" TOGGLER BOLT AND WASHER.

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 5".
 2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1/2".
 3. CLOSED OR VENTED PIPING SYSTEM (PVC & ABS = SCHEDULE 40; CPVC = SDR 11 OR 13.5).
 4. HILTI CP 606 FLEXIBLE FIRESTOP SEALANT IS NOT SUITABLE FOR USE WITH CPVC PIPE.



HILTI, Inc.
 Plano, Texas USA (800) 879-8000

| | |
|-------|---------------|
| Sheet | 1 of 1 |
| Scale | 7/64" = 1" |
| Date | Oct. 10, 2018 |

Drawing No.

cUL
FE2006d