

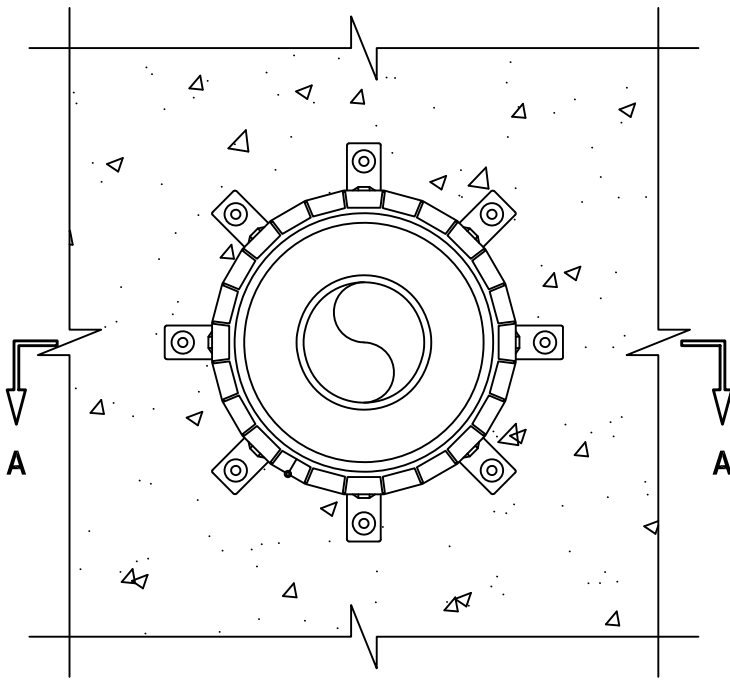
UL SYSTEM NO. C-AJ-2283

DOUBLE CONTAINED PLASTIC PIPES THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL ASSEMBLY

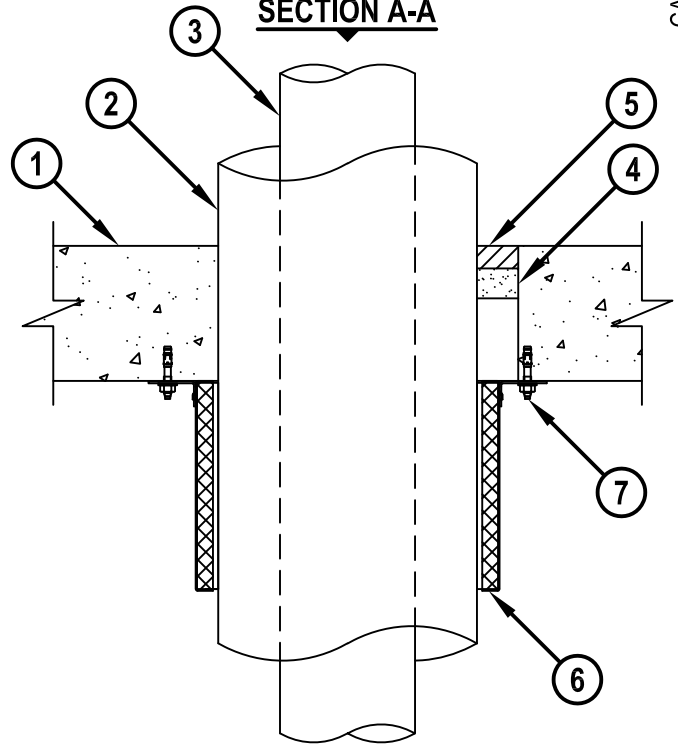
F-RATING = 2-HR.
T-RATING = 2-HR.

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BOTTOM VIEW



SECTION A-A



1. CONCRETE FLOOR ASSEMBLY (2-HR. FIRE-RATING) :

- A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MINIMUM 4-1/2" THICK).
- B. ANY UL CLASSIFIED CONCRETE BLOCK WALL.

2. NOMINAL 8" DIAMETER PVC PLASTIC PIPE (SCHEDULE 40) (SOLID CORE).

3. NOMINAL 4" DIAMETER PVDF PLASTIC PIPE INSTALLED CONCENTRICALLY WITHIN THE PVC PLASTIC PIPE.

4. MINIMUM 1" DEPTH HILTI CF-AS CJP OR CF 812 FILLER FOAM.

5. MINIMUM 3/4" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT.

6. HILTI CP 644 200/8" FIRESTOP COLLAR WITH FASTENING HOOKS.

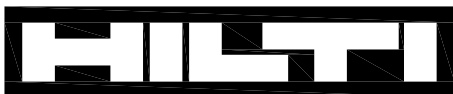
7. EACH FASTENING HOOK SECURED TO BOTTOM OF FLOOR WITH 1/4" x 1-3/4" LONG STEEL EXPANSION BOLTS IN CONJUNCTION WITH 3/4" DIAMETER STEEL WASHERS (EX. HILTI KWIK-BOLT 3).

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 10".

2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-3/8".

3. CLOSED OR VENTED PIPING SYSTEM.

4. HILTI CF-AS CJP OR CF 812 FILLER FOAM, FS-ONE MAX INTUMESCENT FIRESTOP SEALANT AND CP 644 FIRESTOP COLLARS ARE REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.



Hilti Firestop Systems

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Sheet 1 of 1

Scale 5/32" = 1"

Date Sep. 17, 2018

Drawing No.

**CAJ
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