

PLASTIC PIPE THROUGH CONCRETE FLOOR ASSEMBLY

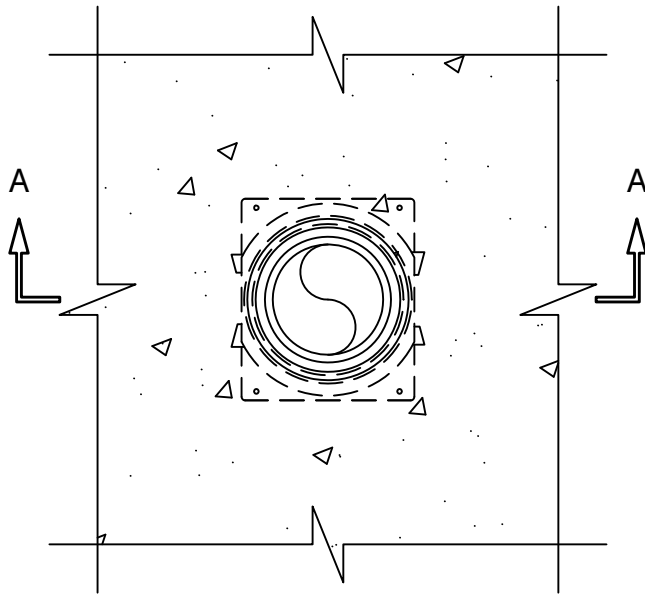
F-RATING = 1 1/2-HR. OR 2-HR.

FT-RATING = 0-HR., 1/4-HR., OR 2-HR.

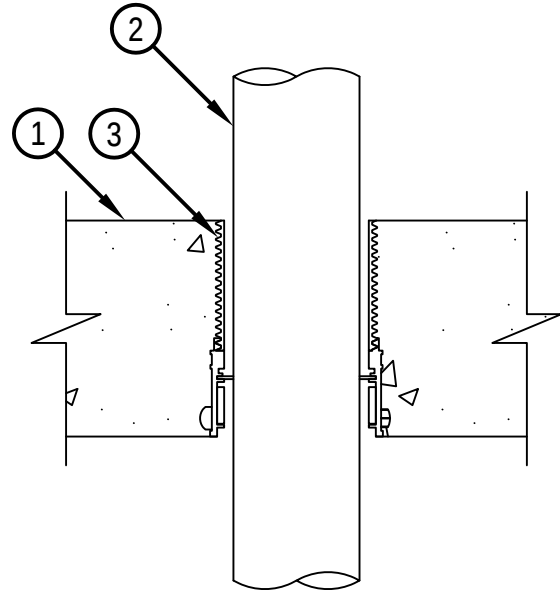
FH AND FTH-RATINGS = 0-HR. OR 2-HR.

NOTE : TESTED WITH A 50 Pa PRESSURE DIFFERENTIAL

TOP VIEW



SECTION A-A



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1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR ASSEMBLY (MINIMUM 6" THICK) (2-HR. FIRE-RATING).
2. MAXIMUM 3" NOMINAL DIAMETER PVC-XFR (SCHEDULE 40 SOLID CORE) (CLOSED OR VENTED PIPING SYSTEM) (SEE TABLE BELOW).
3. HILTI CP 680-P [2" OR 3"] CAST-IN FIRESTOP DEVICE CAST OR GROUTED INTO CONCRETE FLOOR (SEE TABLE BELOW).

TYPE OF PENETRANT	NOM PIPE DIAM MM (IN.)	FIRESTOP DEVICE	F RATING HR	FT RATING HR	FH RATING HR	FTH RATING HR
PVC-XFR PIPE	38 (1-1/2)	CP 680-P 2"	2	2	2	2
PVC-XFR PIPE	51 (2)	CP 680-P 2"	1-1/2	0	0	0
PVC-XFR PIPE	76 (3)	CP 680-P 3"	1-1/2	1/4	0	0



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Sheet	1 of 1
Scale	3/16" = 1"
Date	June 18, 2013

Drawing No.

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