

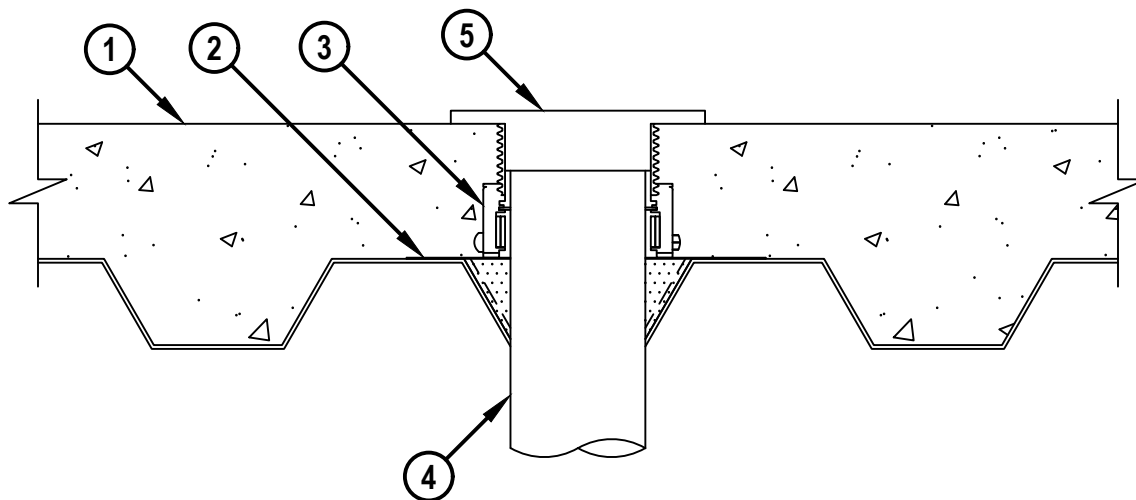
PLASTIC PIPE THROUGH CONCRETE FLOOR OVER METAL DECK ASSEMBLY

F-RATING = 3-HR.

T-RATING = 0-HR.

L-RATING AT AMBIENT = LESS THAN 1 CFM / SQ FT (SEE NOTE NO. 1 BELOW)

L-RATING AT 400°F = LESS THAN 1 CFM / SQ FT (SEE NOTE NO. 1 BELOW)

CROSS-SECTIONAL VIEW

1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK) OVER METAL DECKING ASSEMBLY (UL/cUL CLASSIFIED D900 SERIES) WITH 2" OR 3" FLUTED DECKS (3-HR. FIRE-RATING).
2. HILTI CFS-CID MD PLT [W2" OR W3"] METAL DECK PLATFORM SECURED TO DECK WITH ONE FASTENER IN EACH CORNER (SEE NOTE BELOW).
3. HILTI CFS-CID MD [P OR PX] [3" OR 4"]/[2.5" OR 4"] FIRESTOP CAST-IN DEVICE FOR METAL DECK WITH EXTENSIONS SECURED TO HILTI CFS-CID MD PLT METAL DECK PLATFORM WITH SCREWS.
4. DRAIN PIPING AND FITTINGS TO BE ONE OF THE FOLLOWING :
 - A. NOMINAL 3" OR 4" DIAMETER PVC PLASTIC PIPE (SCHEDULE 40) CELLULAR OR SOLID CORE).
 - B. NOMINAL 3" OR 4" DIAMETER ABS PLASTIC PIPE (SCHEDULE 40) CELLULAR OR SOLID CORE).
5. PVC OR ABS CLOSET FLANGE SIZED TO ACCOMMODATE DRAIN PIPE. CLOSET FLANGE SECURED TO CONCRETE FLOOR WITH STEEL SCREWS.
6. [NOT SHOWN] FLOOR MOUNTED VITREOUS CHINA WATER CLOSET.

NOTES : 1. L-RATING ONLY APPLIED WHEN DIAMETER OF PIPE EQUALS SIZE OF DEVICE (3" PIPE IN 3" DEVICE, ETC.).

2. FOR HILTI CFS-CID MD P ONLY, AS AN ALTERNATIVE TO CFS-CID MD PLT METAL DECK PLATFORM (ITEM 2), THE HILTI METAL DECK ADAPTOR KIT MAY BE USED.

**Hilti Firestop Systems**

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Sheet 1 of 1

Scale 5/32" = 1"

Date Sept. 18, 2025

Drawing No.

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