

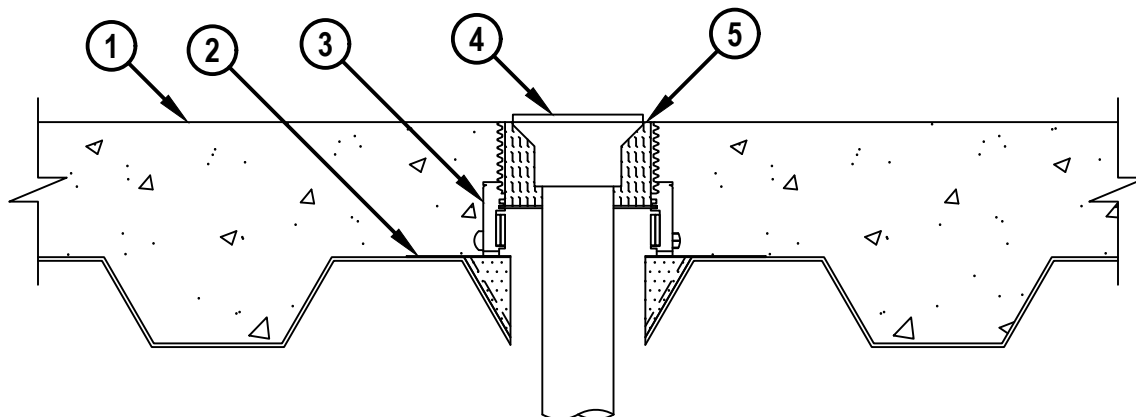
UL SYSTEM NO. F-A-2314

## PLASTIC PIPE THROUGH CONCRETE FLOOR OVER METAL DECK ASSEMBLY

F-RATING = 2-HR.

T-RATING = 0-HR.

### 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 (2-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] [2", 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. MAXIMUM 2" NOMINAL DIAMETER PVC PLASTIC PIPE (SCHEDULE 40) (CELLULAR OR SOLID CORE) WITH SHOWER DRAIN FITTING.
5. MINERAL WOOL (MINIMUM 4 PCF DENSITY) TIGHTLY PACKED INTO THE DEVICE FLUSH WITH TOP SURFACE OF THE FLOOR. MINERAL WOOL IS OPTIONAL WHEN HILTI CFS-CID MD [P OR PX] 2" DEVICE IS USED.

NOTES: 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**  
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Sheet	1 of 1
Scale	5/32" = 1"
Date	Sept. 18, 2025

Drawing No.

**FA  
2314c**

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