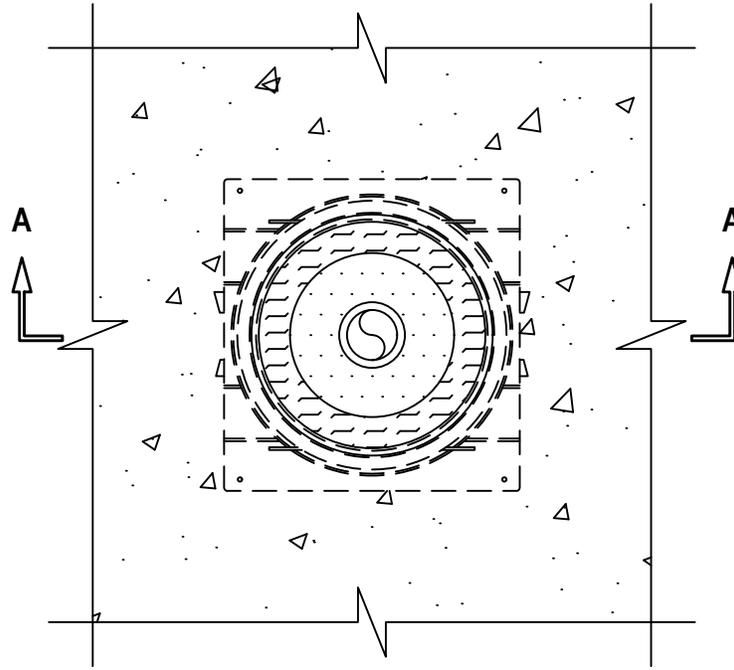


UL/cUL SYSTEM NO. F-A-5062

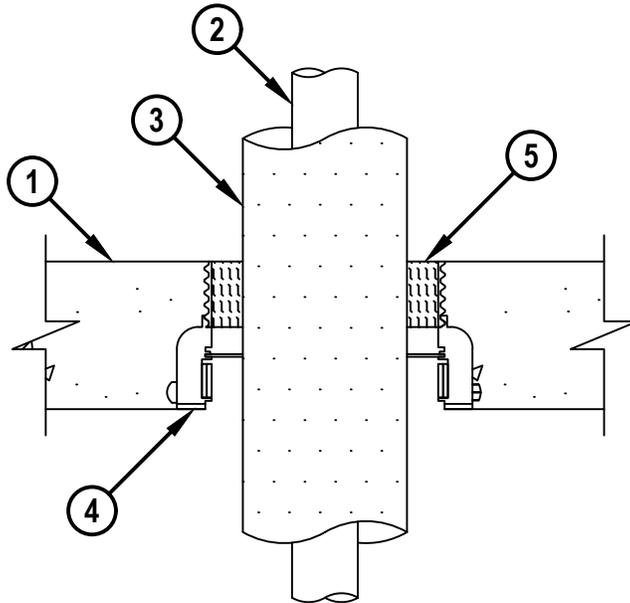
**INSULATED METAL PIPE THROUGH CONCRETE FLOOR ASSEMBLY  
OR CONCRETE OVER METAL DECKING ASSEMBLY**

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

**TOP VIEW**



**SECTION A-A**



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Sheet	1 of 2
Scale	1 1/64" = 1"
Date	May 20, 2021

Drawing No.  
**FA  
5062b**

*Saving Lives through Innovation and Education*

**INSULATED METAL PIPE THROUGH CONCRETE FLOOR ASSEMBLY  
OR CONCRETE OVER METAL DECKING ASSEMBLY**

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

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1. CONCRETE FLOOR ASSEMBLY (2-HR. FIRE-RATING) :
  - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK).
  - B. STEEL FLOOR UNIT/FLOOR ASSEMBLY - LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK) OVER METAL DECKING.
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING :
  - A. MAXIMUM 2" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
  - B. MAXIMUM 2" NOMINAL DIAMETER COPPER PIPE OR TUBING.
3. NOMINAL 1-1/2" THICK CELLULAR GLASS (FOAMGLASS) PIPE INSULATION WITH FOIL-SCRIM-KRAFT OR ALL SERVICE JACKET INSTALLED AS SHEATHING MATERIAL.
4. HILTI CP 680-P CAST-IN FIRESTOP DEVICE CAST OR GROUTED INTO CONCRETE FLOOR (SEE TABLE BELOW).
5. WHERE REQUIRED IN TABLE BELOW, INSTALL MINIMUM 2" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED, FLUSH WITH TOP OF CP 680 DEVICE.

NOMINAL PIPE DIAMETER	FOAMGLASS THICKNESS	PRODUCT DESCRIPTION	PACKING MATERIAL (ITEM 5)
1/2"	1-1/2"	CP 680-P 4"	YES
1"	1-1/2"	CP 680-P 4"	NO
1-1/2"	1-1/2"	CP 680-P 6"	YES
2"	1-1/2"	CP 680-P 6"	NO

**NOTE : FOR CONCRETE FLOOR OVER METAL DECKING APPLICATIONS,  
A METAL DECK ADAPTER KIT IS REQUIRED.**



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Sheet	2 of 2
Scale	-
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