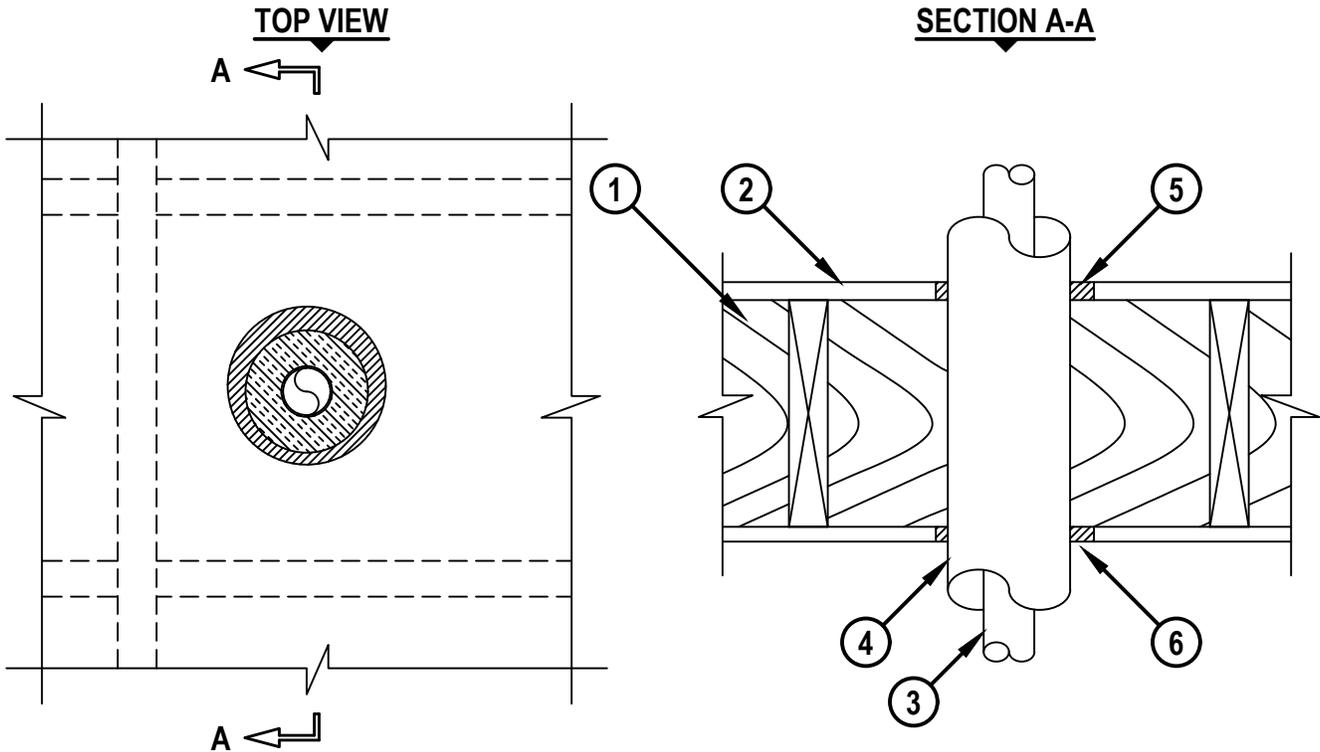


**INSULATED METAL PIPE THROUGH WOOD FLOOR/CEILING ASSEMBLY**

F-RATING = 1-HR.

T-RATING = 1-HR.

FC5036f.032823



1. WOOD FLOOR/CEILING ASSEMBLY (UL/cUL CLASSIFIED L500 SERIES) (1-HR. FIRE-RATING).
2. LUMBER OR PLYWOOD SUBFLOOR WITH FINISH FLOOR OF LUMBER, PLYWOOD, OR FLOOR TOPPING MIXTURE.
3. 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.
4. NOMINAL 1-1/2" THICK GLASS-FIBER PIPE INSULATION.
5. MINIMUM 3/4" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT FLUSH WITH TOP SURFACE OF FLOOR OR SOLE PLATE.
6. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT FLUSH WITH BOTTOM SURFACE OF CEILING OR LOWER TOP PLATE.

**NOTES :** 1. MAXIMUM DIAMETER OF OPENING = 6-7/8".  
 2. ANNULAR SPACE = MINIMUM 1/2", MAXIMUM 1".  
 3. CHASE WALL (NOT SHOWN, OPTIONAL) THE THROUGH PENETRANT MAY BE ROUTED THROUGH A 1-HR. FIRE-RATED GYPSUM CHASE WALL.



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 Plano, Texas USA (800) 879-8000

Sheet	1 of 1
Scale	1/8" = 1"
Date	Mar. 28, 2023

Drawing No.  
**FC 5036f**