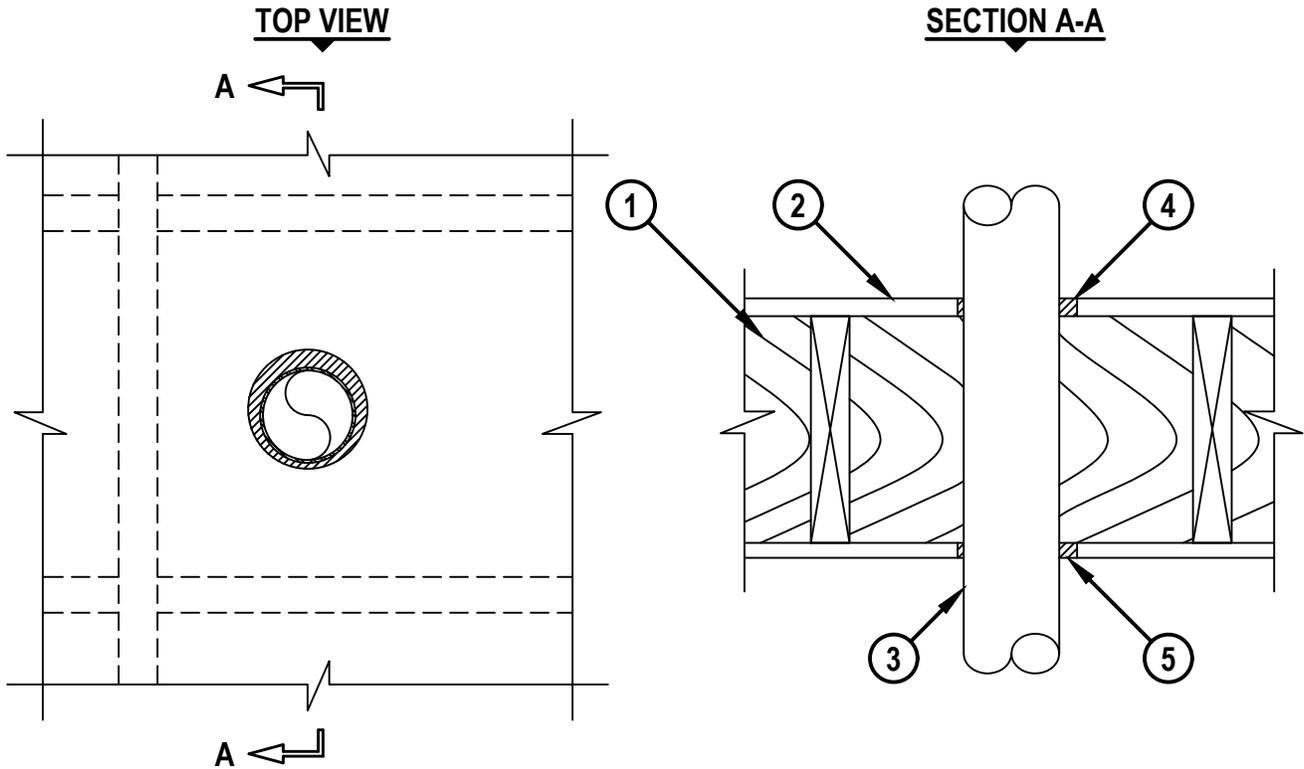


METAL DUCT (WITHOUT DAMPER) THROUGH WOOD FLOOR/CEILING ASSEMBLY

F-RATING = 1-HR.

T-RATING = 0-HR.

FC7013e.052621



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. MAXIMUM 4" NOMINAL DIAMETER SHEET METAL DUCT (MINIMUM 28 GAUGE).
4. MINIMUM 3/4" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT FLUSH WITH TOP SURFACE OF FLOOR OR SOLE PLATE.
5. 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 = 5".
 2. ANNULAR SPACE = MINIMUM 1/4", MAXIMUM 3/4".
 3. [NOT SHOWN, OPTIONAL] CHASE WALL - THE THROUGH PENETRANT MAY BE ROUTED THROUGH A 1-HR. FIRE-RATED GYPSUM CHASE WALL.



HILTI, Inc.
 Plano, Texas USA (800) 879-8000

Sheet	1 of 1
Scale	1/8" = 1"
Date	May 26, 2021

Drawing No.
**FC
 7013e**