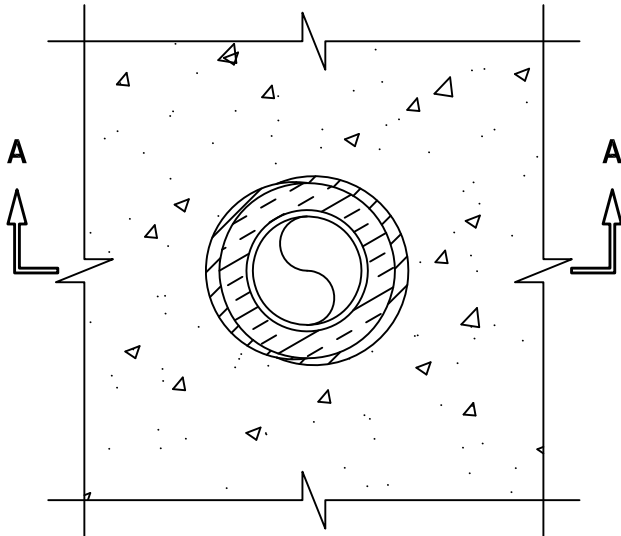


INSULATED METAL PIPE THROUGH HOLLOW-CORE CONCRETE FLOOR ASSEMBLY

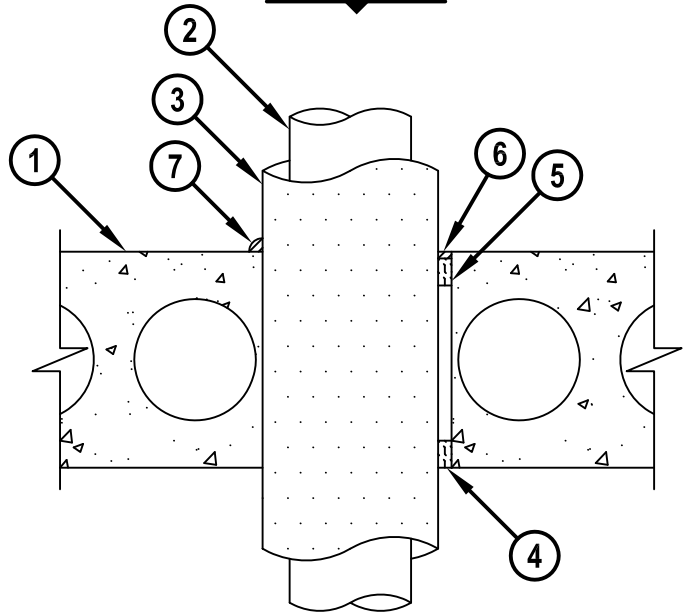
F-RATING = 3-HR.
T-RATING = 1/2-HR.

CBJ5018b.010615

TOP VIEW



SECTION A-A



1. ANY UL CLASSIFIED PRE-CAST HOLLOW-CORE CONCRETE FLOOR ASSEMBLY (MINIMUM 8" THICK) (3-HR. FIRE-RATING).
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING :
 - A. MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
 - B. MAXIMUM 4" NOMINAL DIAMETER COPPER PIPE OR TUBING.
3. NOMINAL DIAMETER 1" THICK AB/PVC PIPE INSULATION.
4. MINIMUM 1" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED AND INSTALLED FLUSH WITH BOTTOM SURFACE OF FLOOR.
5. MINIMUM 1" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED AND RECESSED FROM THE TOP SURFACE OF THE ASSEMBLY TO ACCOMMODATE FIRESTOP SEALANT.
6. MINIMUM 1/4" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT.
7. MINIMUM 1/4" BEAD HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 7".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 7/8".



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Sheet	1 of 1
Scale	9/64" = 1"
Date	Jan. 06, 2015

Drawing No.
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