

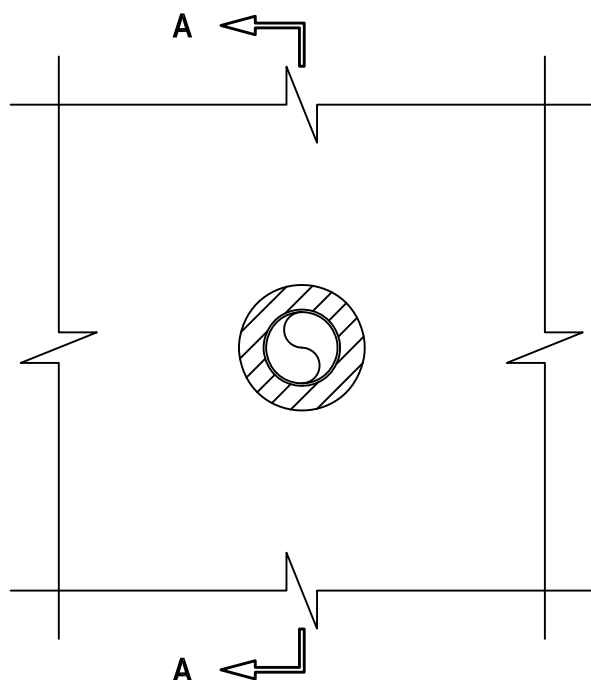
PLASTIC PIPE THROUGH GYPSUM WALL ASSEMBLY

F-RATING = 1-HR. OR 2-HR.

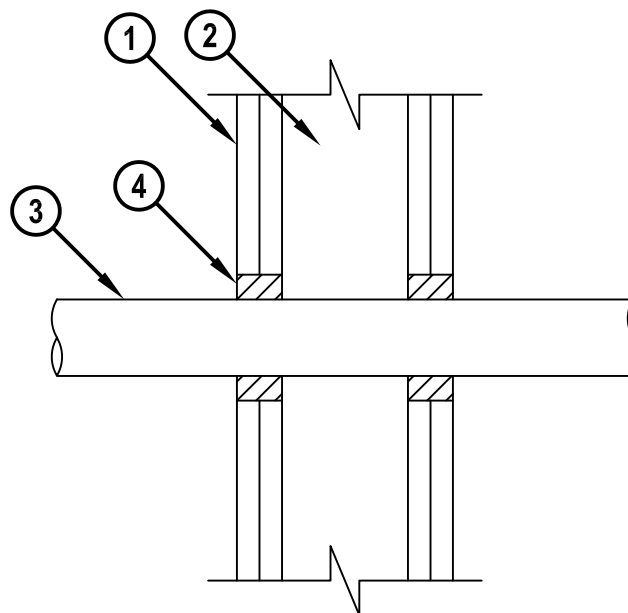
FT, FH, AND FTH-RATINGS = 0-HR.

NOTE : TESTED WITH A 50 Pa PRESSURE DIFFERENTIAL

FRONT VIEW



SECTION A-A



1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U300, U400, OR V400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
2. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2 x 4 LUMBER. STEEL STUDS TO BE MINIMUM 3-1/2" WIDE.
3. MAXIMUM 2" NOMINAL DIAMETER SDR 9 CROSS-LINKED POLYETHYLENE (PEX) TUBING.
4. HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT :
 - A. MINIMUM 5/8" DEPTH REQUIRED FOR 1-HR. FIRE-RATING.
 - B. MINIMUM 1-1/4" DEPTH REQUIRED FOR 2-HR. FIRE-RATING.

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 3-1/2".
 2. ANNULAR SPACE = MINIMUM 1/4", MAXIMUM 7/8".