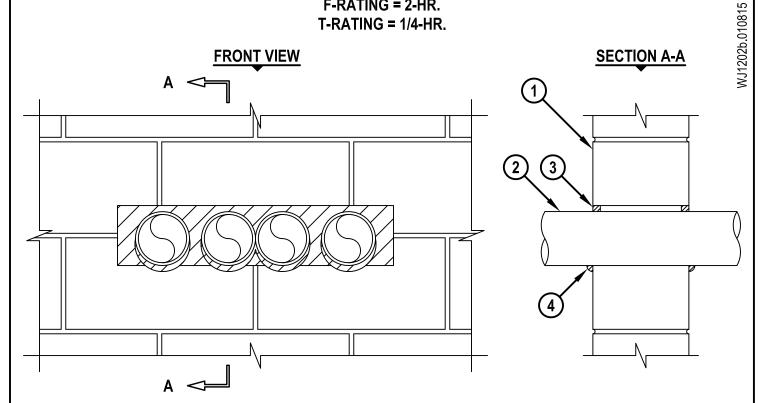
UL/cUL SYSTEM NO. W-J-1202

MULTIPLE METALLIC PIPES THROUGH CONCRETE OR BLOCK WALL ASSEMBLY

F-RATING = 2-HR. T-RATING = 1/4-HR.



- 1. CONCRETE WALL ASSEMBLY (2-HR. FIRE-RATING):
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 6" THICK).
 - B. ANY UL/cUL CLASSIFIED CONCRETE BLOCK WALL.
- 2. ONE OR MORE OF THE FOLLOWING PENETRATING ITEMS TO BE INSTALLED IN A SINGLE ROW:
 - A. MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 5 OR HEAVIER).
 - B. MAXIMUM 4" NOMINAL DIAMETER STEEL CONDUIT.
 - C. MAXIMUM 4" NOMINAL DIAMETER EMT.
- MINIMUM 5/8" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT.
- 4. MINIMUM 1/2" BEAD HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

NOTES: 1. MAXIMUM SIZE OF OPENING = 23" x 5".

- 2. ANNULAR SPACE BETWEEN PENETRANTS AND PERIPHERY OF OPENING = MINIMUM 0", MAXIMUM 1".
- 3. ANNULAR SPACE BETWEEN PENETRANTS = MINIMUM 0", MAXIMUM 1-1/2".



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Sheet	1 of 1
Scale	1/8" = 1"
Date	Jan. 08, 2015

Drawing No. WJ 1202b