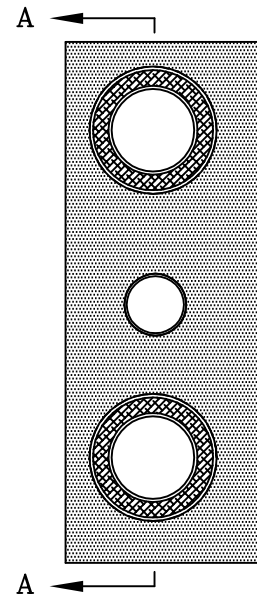


SECTION A-A



1. Wall assembly

1A. Min. 4-1/2 in. thick NW or LW concrete or block wall capable of a 2 hr. rating. Max. 128 square in. penetrant opening with a max. 16 in. dimension.

2. Penetrants – Up to three of the following types of penetrants may be used in any combination:

- 2A. Max. 1-1/2 in. diameter steel or iron pipe or copper pipe or tubing.
- 2B. Min. 1-1/2 in. to max. 2-1/2 in. diameter steel or iron pipe copper pipe or tubing with a max. 1 in. fiberglass insulation and an optional PVC jacket. PVC jackets must be used to achieve the W Rating.

Annular space – Min. 1-3/16 in. to max. 4-5/8 in. between penetrants and edge of the opening and min. 1-3/16 in. between penetrants.

3. Firestopping – FlameSafe® FS 4000 Silicone Sealant

- 3A. Mineral wool (4 pcf) compressed into annular space to a min. 3-3/4 in. depth and recessed 1/4 in. from wall surface (both sides).
- 3B. At wall surface, apply FS 4000 into annular space to a min. 1/4 in. depth and finish flush with wall surface (both sides).

NOTES

- 1. This system drawing is provided to aid in the installation and selection of the UL listed design. The user shall refer back to the UL listed design for complete information required for submittal and approval purposes.
- 2. System design evaluated to the UL 1479 (ASTM E814) Fire Tests of Through-Penetration Firestops.
- 3. Please refer to the UL Fire Resistance Directory for components requiring UL classification.

Flamesafe® Firestopping Products

Firestop Assembly	Project:
Product: FlameSafe FS 4000 Silicone Sealant	Installer:
F Rating: 2 HOUR W Rating: CLASS 1	Approval:
UL System: CAJ8186	Date:
RS Dwg # CAJ8186-W	Rev.# 000

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