



SECTION A-A

1. Floor assembly

1A. Min. 4-1/2 in. wide NW or LW concrete floor capable of up to a 3 hr. rating. Max. 6 in. diameter penetrant opening.

Optional - Min. 6 in. precast hollow-core concrete units (not shown) capable of a 3 hr. rating. Max. 6 in. diameter penetrant opening.

1B. Optional s/10 (or heavier) max. 6 in. diam. steel sleeve (not shown) cast or grouted into penetrant opening,

2. Penetrant

2A. One or more max. 1-1/4 in. diameter steel flexible metallic gas piping. Plastic covering/jacketing on the piping may be left in place or removed.

Annular space - Min. 0 in. (point of contact) to max. 2 in. between penetrants and edge of opening and min. 1/4 in. to max. 2 in. between each penetrant.

3. Firestopping - FlameSafe® FS 900+/FS 1900 Sealant

3A. Mineral wool (4 pcf) compressed into annular space to a min. 4 in. depth and recessed 1/2 in. from wall surface (both sides).

3B. Apply FS 900+ or FS 1900 into annular space to a min. 1/2 in. depth and finish flush wall surface (both sides) and add a min. 1/2 in. bead at any point of contact.

Firestopping installed at top and bottom of floor for precast hollow-core concrete units.

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 900+/FS 1900 Sealant	Installer:
F Rating: 3 HOUR	Approval:
UL System: CAJ1584	Date:
RS Dwg # CAJ1584-F	Rev.# 000

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