

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Ronny A. Livian, P.E., Acting Commissioner
MEA 247-89-M Vol. III

Report of Material and Equipment Acceptance Division

Manufacturer- L.I.F. Industries, Inc., 5 Harbor Park Drive, Port Washington, NY 11050

Trade Name(s) - L.I.F. Industries.

Product - Fire door assemblies.

Pertinent Code Section(s) - 27-329, 27-342.

Prescribed Test(s) - RS 5-6 (ASTM E152).

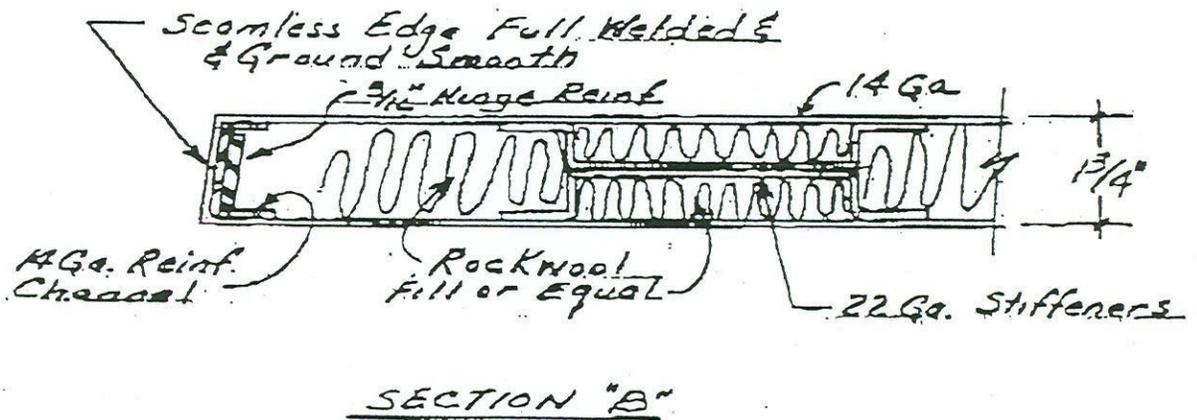
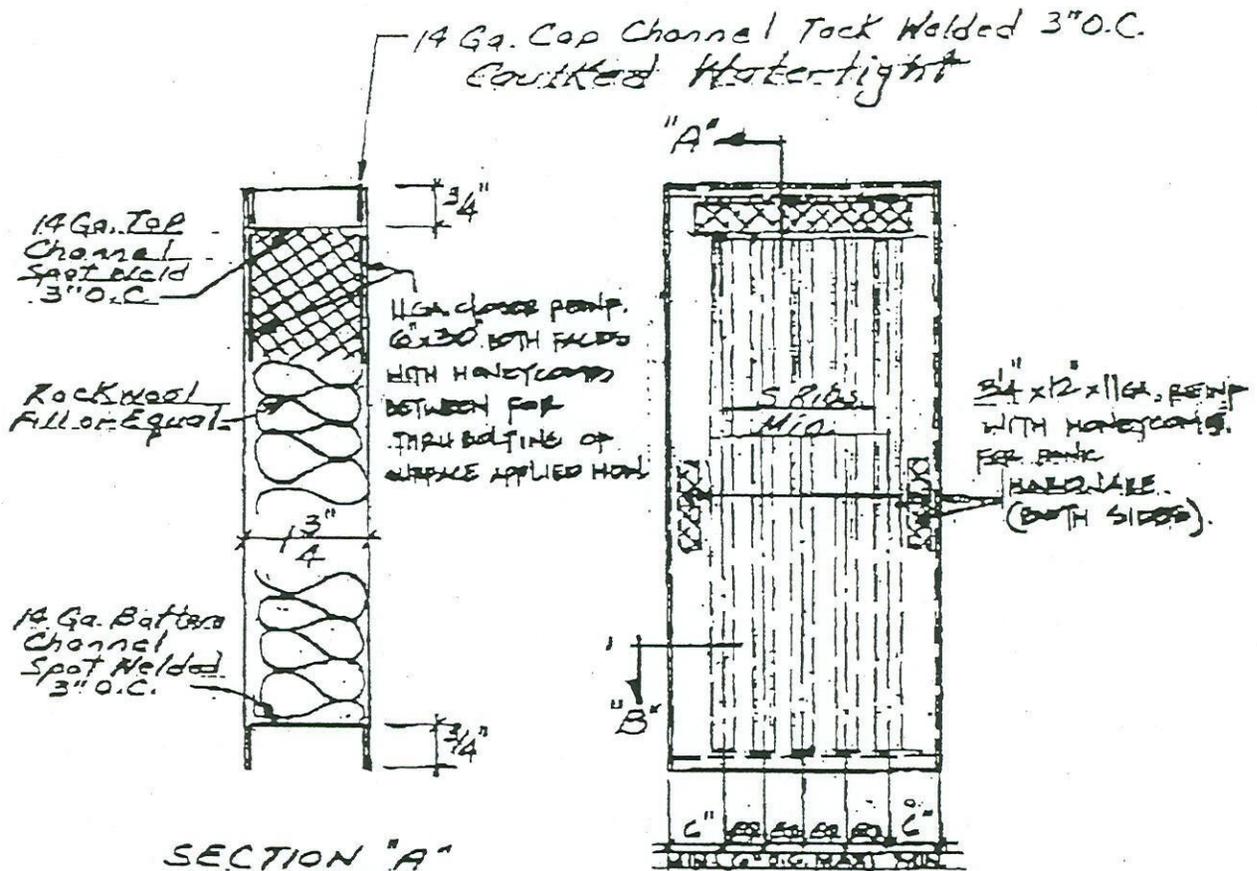
Laboratory - Underwriters Laboratories, Inc.

Test Report - File R3167-18, dated August 11, 1975 and UL letter dated December 6, 2001.

Description - Fire door assemblies, single and pair swinging on opposite directions.

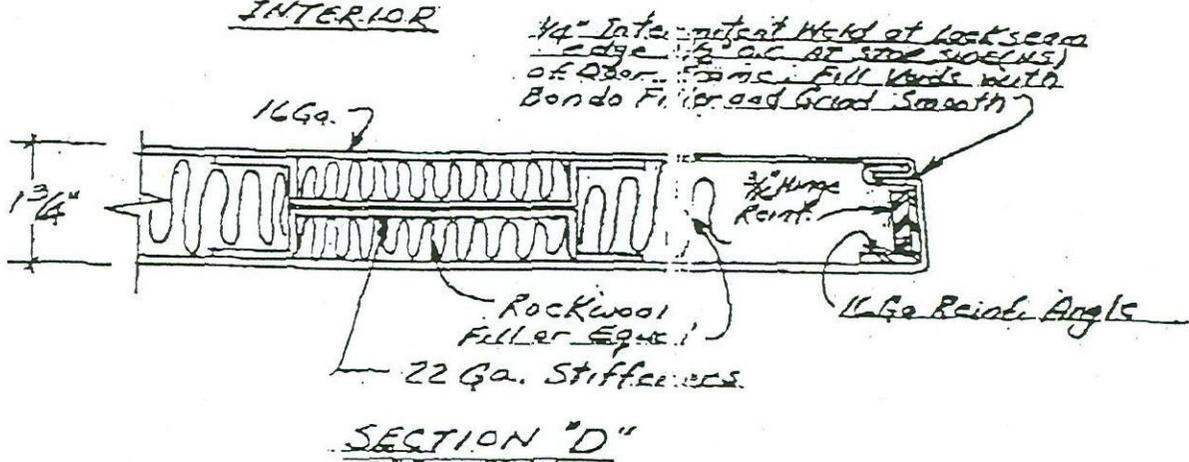
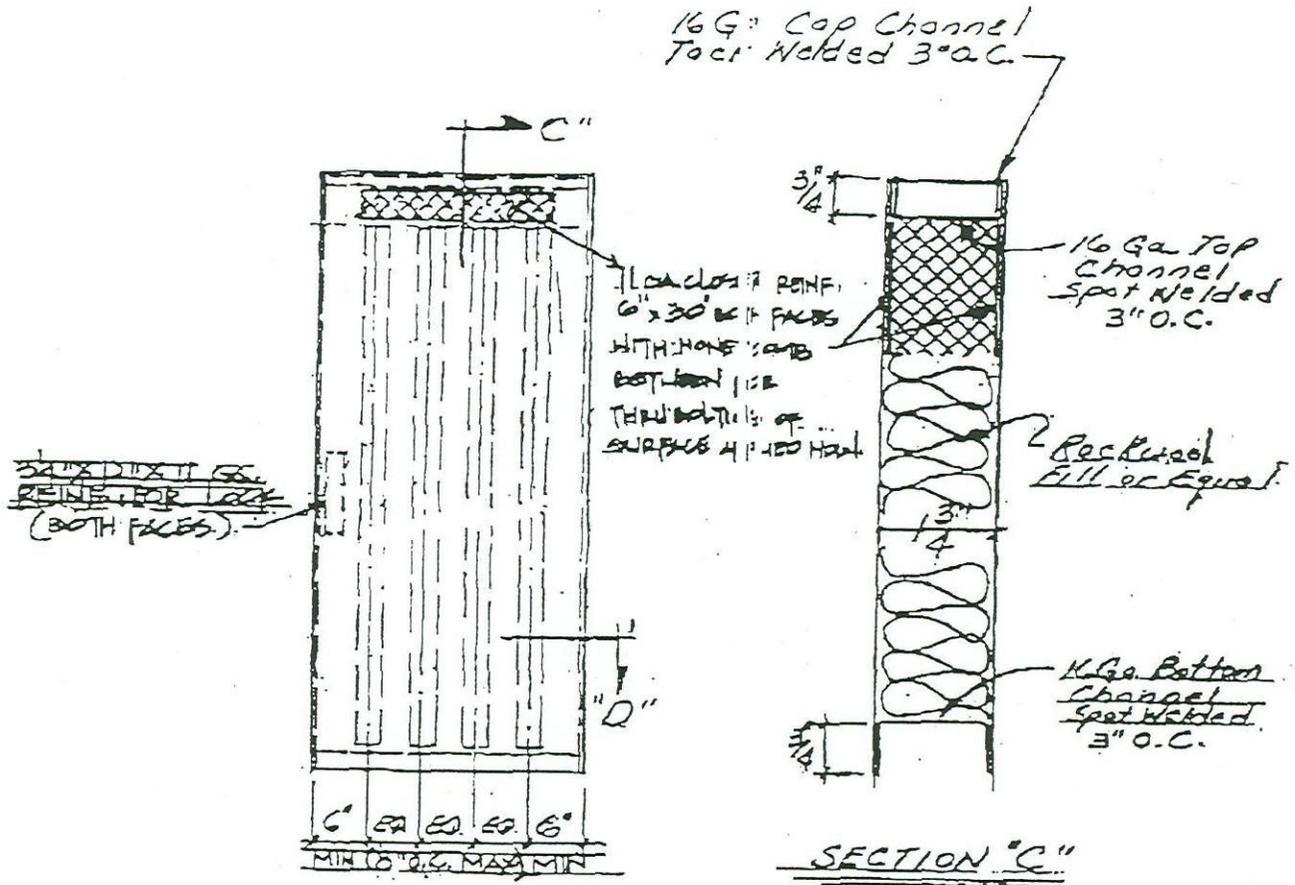
The single swing door is designed for a maximum size opening 46 inches wide and 102 inches high. The frame is made of No. 16 gauge steel with 5/8 inch stops. Door is 1-3/4 inches thick with No. 22 gauge hat-shaped stiffeners encased by No. 20 gauge steel faces. The single swing door is provided with four full mortise hinges 4-1/2 inches high and 1/8 inch thick, secured with machine screws. The door is equipped with a UL approved mortise type single point latch with 5/8 inch throw secured with machine screws. The door pair swinging in opposite directions is designed for an opening 96 inches wide and 96 inches high. The doors are 1-3/4 inches thick with No. 22 gauge hat-shaped stiffeners encased by No. 18 gauge steel facings. 2-1/2 pound density rock wool manufactured by Balwin Ehret Hill are used inside the doors as insulation. Each door is equipped with four, 4-1/2 inches high full mortise steel hinges and is also finished with a UL approved, surface mounted vertical rod fire exit hardware device manufactured by Von Duprin, Inc. The frame is made of No. 16 gauge steel with offset stops, which are 5/8 inches in height.

As per UL approval for addition of Honeycomb as shown in enclosed Illustrations 1 and 2, overhead stop, closer and panic hardware location's that are thru bolted to door faces, shall be reinforced with phenolic resin impregnated Honeycomb. The Honeycomb is a paper product that is 15% phenolic resin impregnated to repel water and moisture penetration.



EXTERIOR H.M. DOOR TYPICAL DETAILS

L.I.F. INDUSTRIES, INC
 5 HARBOR PARK DRIVE
 PORT WASHINGTON, NY 11050
 TEL: 516-390-6800 FAX: 516-390-6848



INTERIOR H.M. DOOR TYPICAL DETAILS

Recommendation - That the above described doors be accepted as providing 1-1/2 hours fire protection rating when installed in accordance with Reference Standard RS 5-8 (NFPA 80) for Class B openings, on condition that the certificates or labels accompanying all shipments shall be provided by the testing service which shall be regularly engaged by the manufacturer to make periodic inspections and/or tests of the doors in the course of their manufacture. All shipments and deliveries of the materials shall, in addition, be accompanied by a metal tag certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance DEC 27/2001

Examined by S. Dorfhuber