



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Firedoor Corporation of Florida**  
**1350 N.W. 74 Street**  
**Miami, FL 33147**

Your application for Notice of Acceptance (NOA) of:

**4080 HMD-F Flush Outswing Commercial Steel Door-Impact**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez  
Chief Product Control Division

**ACCEPTANCE NO.: 01-0213.02**  
**EXPIRES: 04/02/2006**

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 04/19/2001**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

**1.1** This **renews** the Notice of Acceptance No. **99-0408.01**, which was issued on July 08, 1999. It approves a commercial steel door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

**2.1** The **Series 4080 HMD-F Flush Outswing Commercial Steel Door - Impact** and its components shall be constructed in strict compliance with the following documents: Drawing No **97-0711-01**, titled "Series 4080F Steel Door" Sheets 1 through 4 of 4, prepared by manufacturer, dated 5/28/97 and revised on 06/14/1999, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

**3.1** This approval applies to single unit applications of single door only, as shown in approved drawings.

**4. INSTALLATION**

**4.1** The commercial steel door and its components shall be installed in strict compliance with the approved drawings.  
**4.2** Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

**5. LABELING**

**5.1** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

**6. BUILDING PERMIT REQUIREMENTS**

**6.1** Application for building permit shall be accompanied by copies of the following:  
**6.1.1** This Notice of Acceptance  
**6.1.2** Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.  
**6.1.3** Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

**(For File Only. Not part of NOA)**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**



THE COMPLETE RESOURCE FOR HOLLOW METAL FABRICATIONS

FIREDOOR CORPORATION OF FLORIDA  
1350 NORTHWEST 74TH STREET  
MIAMI, FLORIDA 33147

PHONE: (305) 691-1500  
FAX: (305) 836-4797

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE July 08 1999  
BY Ishag I. Chaudh  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0408-01

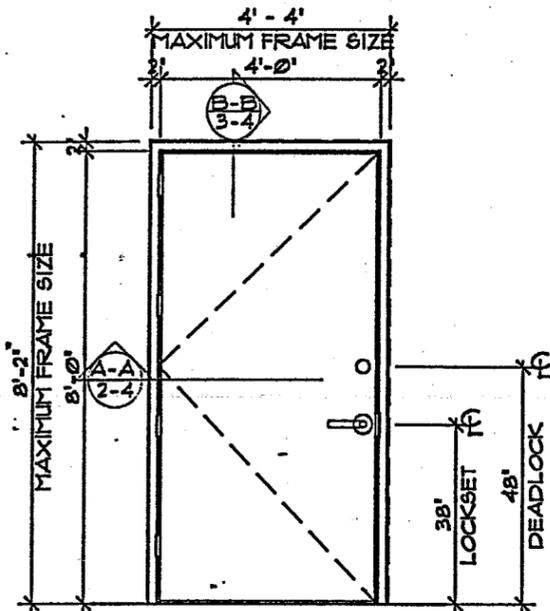
**PRODUCT RENEWED**

ACCEPTANCE No. 01-0213-02  
EXPIRATION DATE APRIL 02, 2006  
By Ishag I. Chaudh  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

DATE: 5/28/97	DRAWN BY: FRANCISCO
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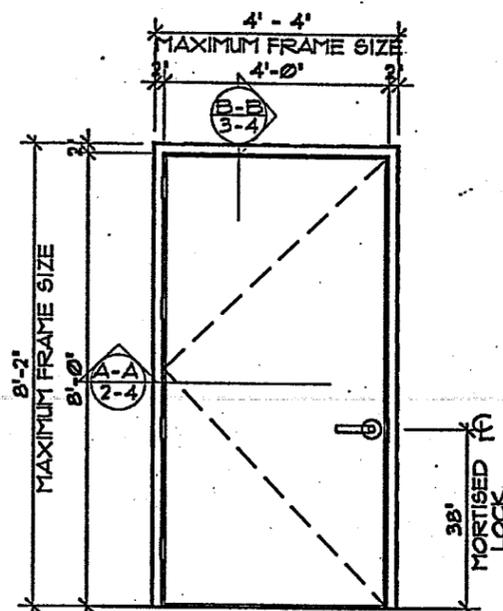
SHEET TITLE:  
SERIES: 4080F  
STEEL DOOR

DRAWINGS NUMBER 97-0711-01	SCALE: SHEET NUMBER 1 OF 4
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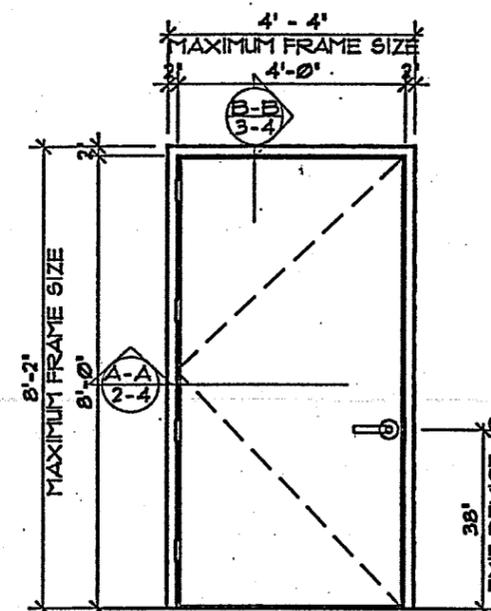
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LOCK/ DEADLOCK 22, 23  
SCALE: 1/4" = 1'-0"

LOCK OPTION 'A'



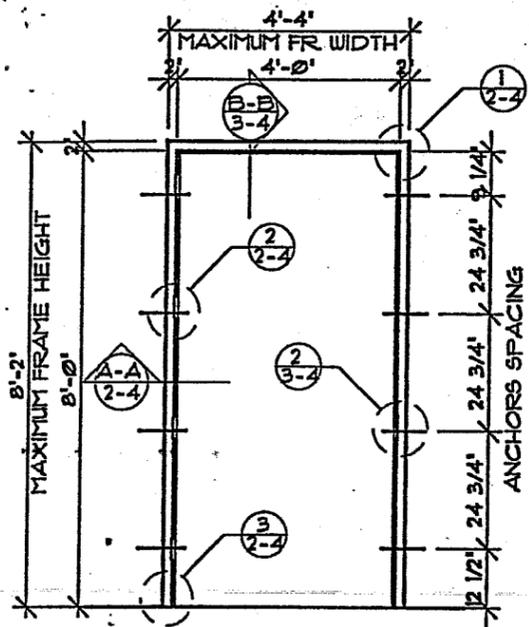
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LOCK OPTION 'B'

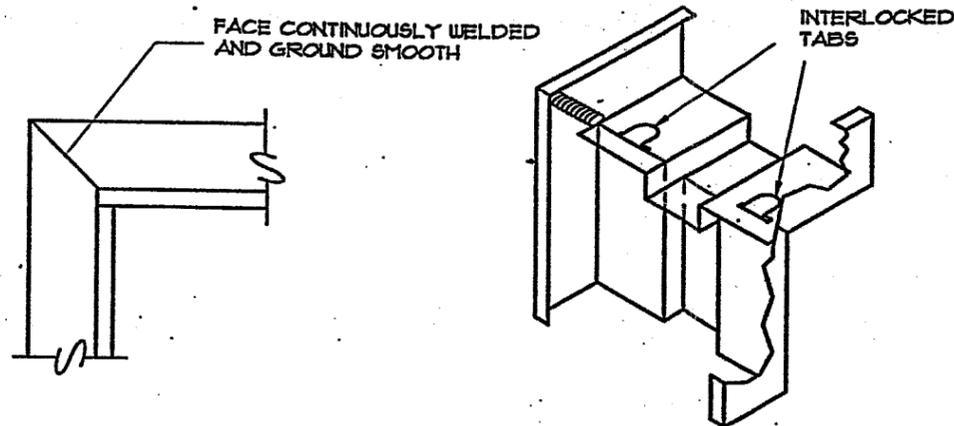


FRAME ELEVATION  
EXIT DEVICE 25  
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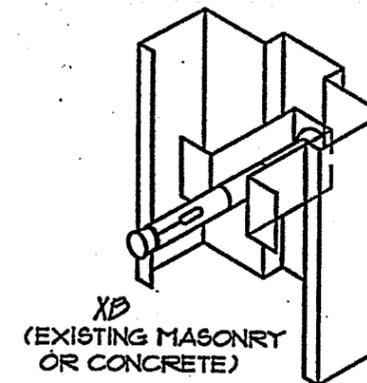
LOCK OPTION 'C'



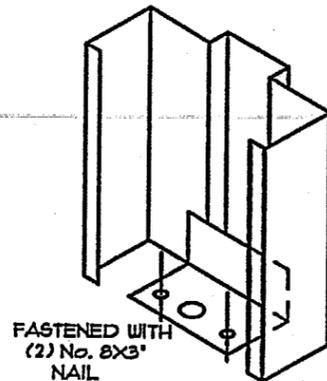
**FRAME ELEVATION**  
SCALE: 1/4" = 1'-0"



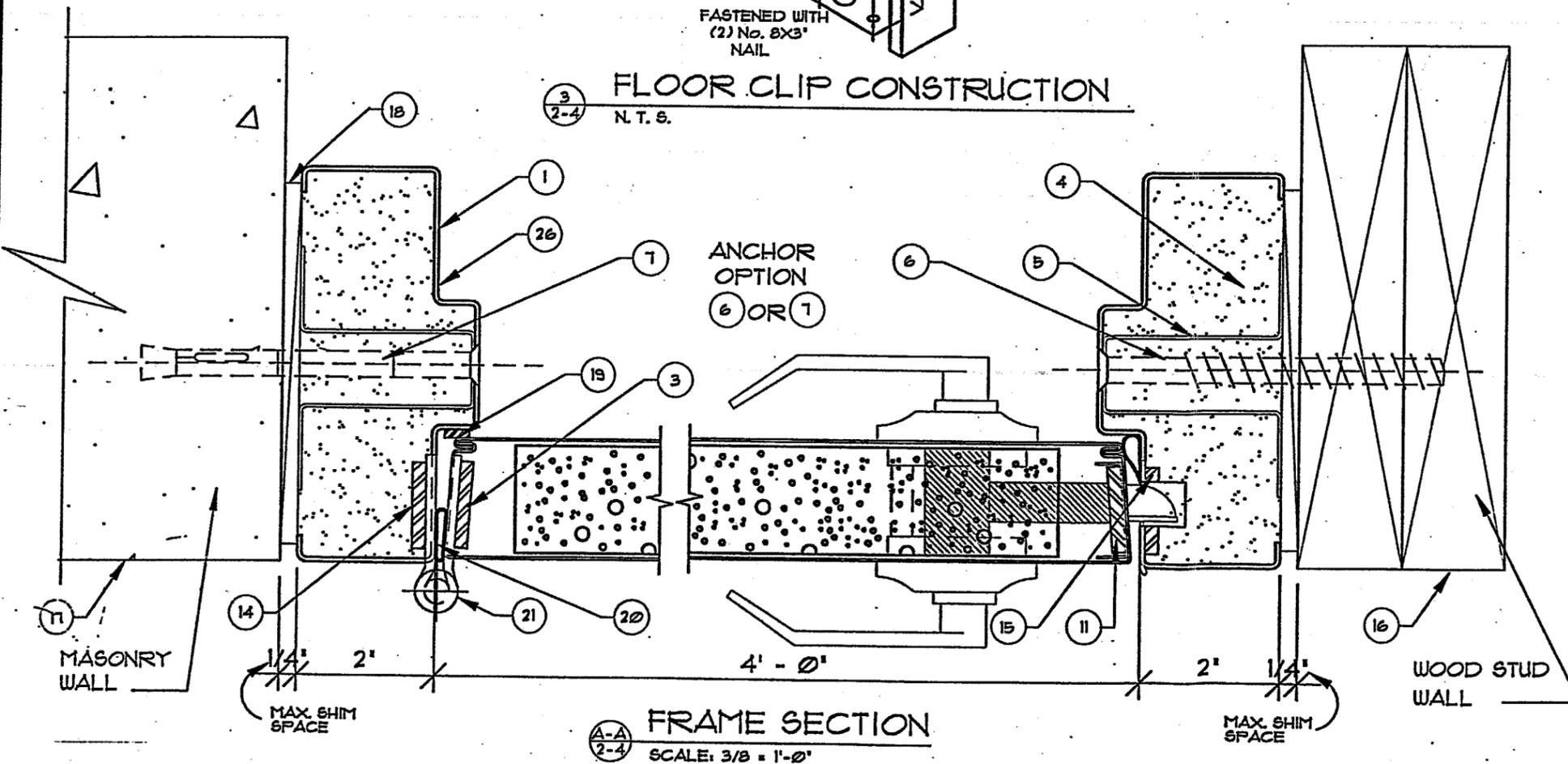
**FRAME CORNER CONSTRUCTION**  
N.T.S.



**WALL ANCHOR**  
N.T.S.



**FLOOR CLIP CONSTRUCTION**  
N.T.S.



**FRAME SECTION**  
SCALE: 3/8" = 1'-0"



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FAX: (305) 838-4797

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE July 08 1999  
BY Ishaq Chanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0408-01

**PRODUCT RENEWED**

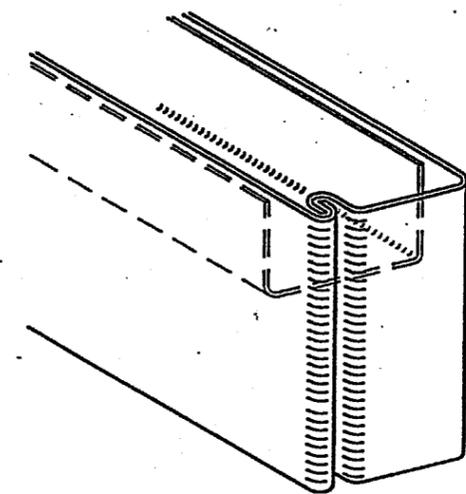
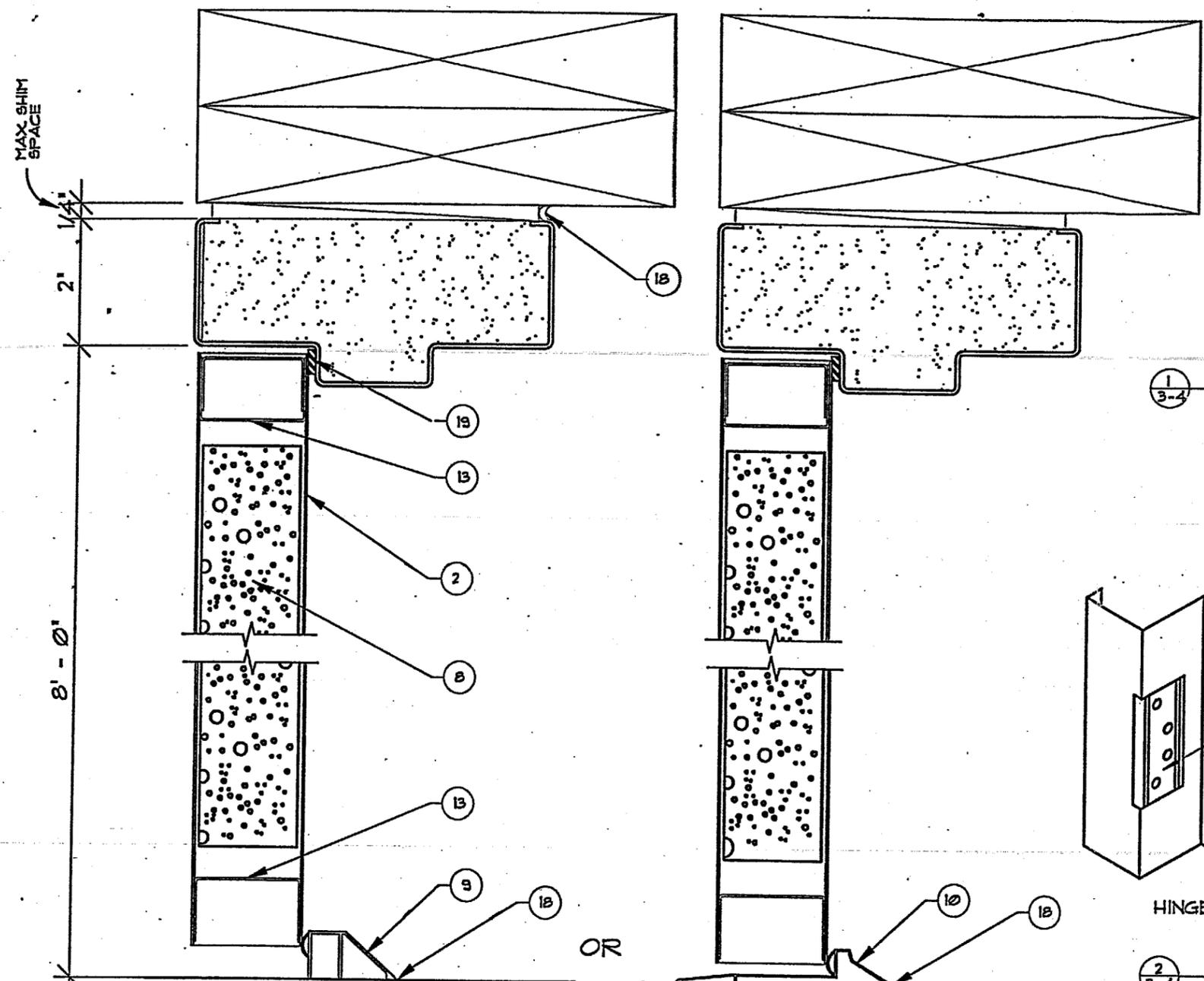
ACCEPTANCE No. 01-0213.0  
EXPIRATION DATE: APRIL 02, 2006  
By Ishaq I. Chanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

DATE: 5/28/97	DRAWN BY: FRANCISCO
SHEET TITLE: SERIES: 4080F STEEL DOOR	
DRAWINGS NUMBER 97-0711-01	SCALE: SHEET NUMBER 2 OF 4

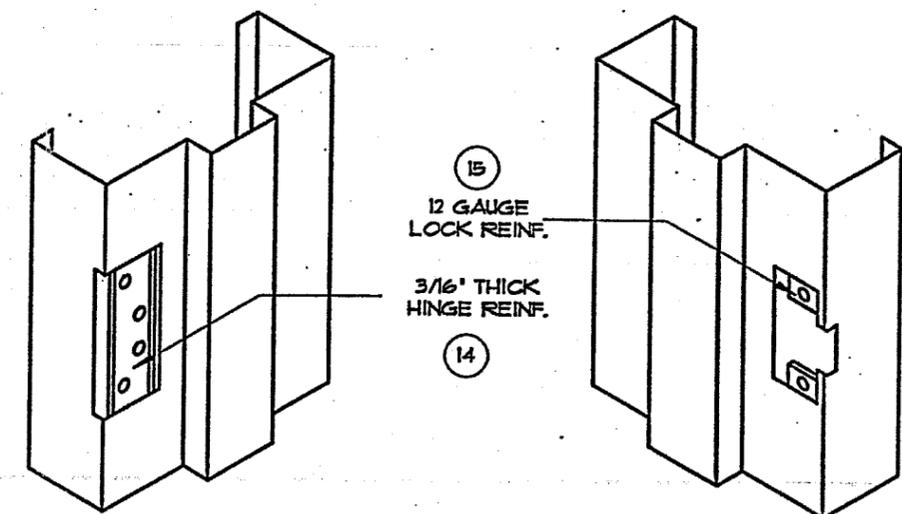


THE COMPLETE RESOURCE FOR HOLLOW METAL FABRICATIONS  
**FIREDOOR**  
 FIREDOOR CORPORATION OF FLORIDA  
 1350 NORTHWEST 74TH STREET  
 MIAMI, FLORIDA 33147

PHONE: (305) 691-1500  
 FAX: (305) 836-4797



1 3-4 DOOR CORNER CONSTRUCTION  
 N.T.S.



15 12 GAUGE LOCK REINF.  
 14 3/16" THICK HINGE REINF.  
 HINGE PREPARATION STRIKE PREPARATION  
 2 3-4 HINGE/STRIKE PREPARATION  
 N.T.S.

THRESHOLD DETAIL (OPTIONAL 9 OR 10)

5-3 3-4 FRAME SECTION  
 SCALE: 3/8" = 1'-0"

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE July 08 1999  
 BY Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 99-0408-01

**PRODUCT RENEWED**  
 ACCEPTANCE No. 01-0213-02  
 EXPIRATION DATE APRIL 02, 2006  
 By Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

DATE: 5/28/97	DRAWN BY: FRANCISCO
SHEET TITLE: SERIES: 4080F STEEL DOOR	
DRAWINGS NUMBER 97-0711-01	SCALE: SHEET NUMBER: 3 OF 4

**BILL OF MATERIALS**

ITEM	QUANTITY	MATERIALS	BASIC DIMENSION
1	1	16 GAUGE WELDED FRAME	5 3/4" X 2" X .058
2	1	18 GAUGE FLUSH DOOR	1 3/4" THICK X .048
3	4	HINGE REINFORCEMENT (DOOR)	1 1/4" X 10" X 3/16"
4	8	FRAME GROUT	N. A.
5	8	(4) PER JAMB BOLT SPACER	2" X 2 5/8" X 18 GA.
6	8	(4) PER JAMB FLAT HEAD WOOD SCREW (OR)	3/8" X 5"
7	1	(4) PER JAMB FLAT HEAD SLEEVE ANCHOR	3/8" X 5"
8	1	POLYSTYRENE CORE (APACHE PRODUCTS)	N.A.
9	1	149AV ALUMINUM THRESHOLD PENKO (OR)	3/4" X 2 1/2" X 48"
10	1	2005AV ALUMINUM THRESHOLD PENKO	1/2" X 5" X 48"
11	2	12 GA. LOCK REINFORCEMENT	1 1/8" X 3 1/8" X 12 GA. <small>BOX SPOT WELDED TO DOOR</small>
12	2	(1) PER JAMB FLOOR ANCHOR	1" X 1 3/4" X 4 1/2" X 18 GA.
13	3	CHANNEL (2) TOP AND (1) BOTTOM	13/16" X 1 21/32" X 13/16" X 16 GA. <small>SPOT WELDED TO DOOR</small>
14	4	FRAME HINGE REINFORCEMENT	1 1/4" X 10" X 3/16"
15	1	STRIKE REINFORCEMENT	12GA X 1 3/8" X 6 7/16" <small>BOX SPOT WELDED TO FRAME</small>
16	2	WOOD BUCK CHAMBER	1 1/2" X 11 1/2"
17	1	CMU BLOCK CHAMBER	7 5/8" CMU
18	1	CLEAR SILICON SEALANT BY G.E.	N. A.
19	1	WEATHERSTRIPP P241-30 PEMKO	1 3/8" X 3/16"
20	1	WEATHERSTRIP S88 PEMKO	1/2" X 1/4"
21	4	F179 HINGES STANLEY	4 1/2" X 4 1/2" X .134
22	1	LOCKSET YALE 5400 GRADE 1	N. A.
23	1	DEADBOLT YALE 3300 GRADE 1	N. A.
24	1	MORTISED LOCK YALE 8700 GRADE 1	N. A.
25	1	EXIT DEVICE YALE 7100 GRADE 1	N.A.
26	1	RUST INHIBITIVE PRIMER	N.A.

**COMPARATIVE ANALYSIS AND ANCHOR CHART**

Firedoor Corporation of Florida  
 Series: OUT-SWINGING STEEL ENTRANCE DOOR  
 (Based on FTL # 1644)  
 Test size: 52 1/2" by 98 1/2" high

DOOR PANEL DIMENSIONS	DESIGN PRESSURE PSF	
	EXTERNAL	INTERNAL
24 X 80	90	-90
30 X 80	90	-90
36 X 80	90	-90
42 X 80	90	-90
48 X 80	90	-90
24 X 86	90	-90
30 X 86	90	-90
36 X 86	90	-90
42 X 86	90	-90
48 X 86	90	-90
24 X 95 1/2	90	-90
30 X 95 1/2	90	-90
36 X 95 1/2	90	-90
42 X 95 1/2	90	-90
48 X 95 1/2	90	-90

**NOTES:**

- 4 HINGES PER JAMB
- 4 ANCHORS PER JAMB
- NO HURRICANE PROTECTION (SHUTTERS) REQUIRED

**NOTES:**

- MINIMUM YIELD STRESS OF 45,000 PSI
- ALL FRAMES AND DOORS COMPONENTS TO BE STEEL



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APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE July 08 1999  
 BY Ishag I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 99-008-01

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0213-02  
 EXPIRATION DATE: APRIL 02, 2006  
 By Ishag I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

DATE: 5/28/97 DRAWN BY:  
REV. 6/14/99 FRANCISCO

SHEET TITLE:  
**SERIES: 4080F  
 STEEL DOOR**

DRAWINGS NUMBER: **97-0711-01** SCALE:  
 SHEET NUMBER: **4 OF 4**