



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:

Series 8080 HMO-F Flush Outswing Commercial Steel Doors-Impact Resistant

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.

ACCEPTANCE NO.: 01-0705.03
EXPIRES: 08/30/2006

Raul Rodriguez
Chief Product Control Division

**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: 08/30/2001

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This renews Notice of Acceptance No. 98-0113.06, Which was issued on September 10, 1998. 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 8080 HMD-F Flush Outswing Commercial Steel Doors- Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No: 98-0113.06 titled "Series: 8080F Steel Door" Sheets 1 through 5 of 5, prepared by manufacturer dated 7/28/98, 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 pair of door and single door only, as shown in approved drawing. Single door unit shall include all components described in the active leaf of this approval.

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

Firedoor Corporation of Florida

ACCEPTANCE No.: 01-0705.03

APPROVED : August 30, 2001

EXPIRES : August 30, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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

Firedoor Corporation of Florida

ACCEPTANCE No.: 01-0705.03

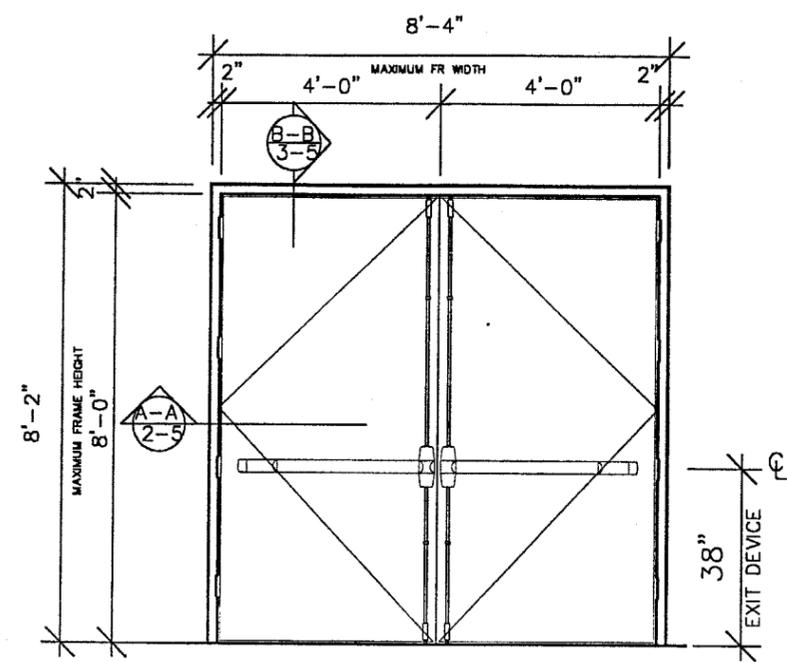
APPROVED : August 30, 2001

EXPIRES : August 30, 2006

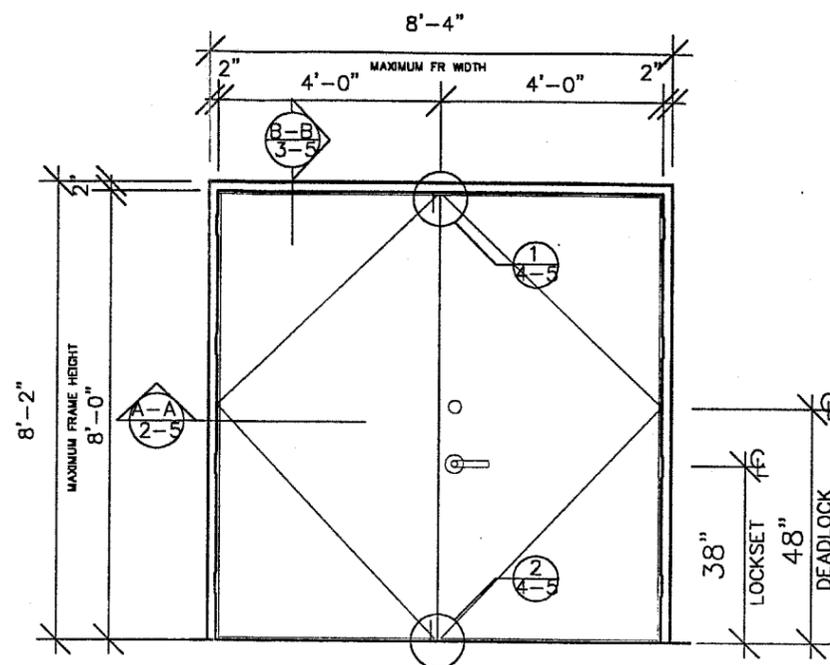
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS** (Transferer from file#98-0113.06)
1. Manufacturer's die drawings and sections.
 2. Drawing No. **98-0113.06**"Series: 8080F Steel Door", Sheets 1 thru 5 of 5, prepared by manufacturer, dated 07/28/98.
- B. TESTS** (Transferred from file#98-0113.06)
1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of an out-swinging commercial steel doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1865**, dated 11/25/97 and reissued on dated 7/23/98, signed and sealed by Gilbert Diamond, P.E.
- C. CALCULATIONS** (Transferred from file#98-0113.06)
1. Anchor Calculations and structural analysis and Comparative Analysis, prepared by Applied Engineering Concepts, dated 12/03/97, signed and sealed by K.A. Whitfield, P.E.
- D. MATERIAL CERTIFICATIONS** (Transferred from file#98-0113.06)
1. Tensile Test prepared by ATC Associates, Inc., Project No. 13974.0001(FTL#1865), dated December 10, 1997, for steel samples, tested per ASTM A370-96, signed and sealed by Peter Read, P.E.
 2. Notice of Acceptance No. 95-0626.01 issued to Apache Products Company for "EPS-Expanded Polystyrene Insulation" dated 01/11/96, expiring on 01/11/99.
- E. STATEMENTS** (Transferred from file#98-0113.06)
1. Statement letter of conformance, dated December 18, 1997, signed by Kelvyn Whitfield, P.E.
 2. Statement letter of no financial interest, dated December 18, 1997, signed by Kelvyn Whitfield, P.E.
 3. Statement letter dated May 28, 2001, issued by Firedoor Corp, stating that product has not changed, signed by Justin Schechter.
 4. Statement letter dated June 13, 2001, issued by Applied Engineering, stating engineer still in business, signed and sealed by Kevin Whitfield, P.E.
- F. OTHER**
1. This **renews** Notice of Acceptance No. 98-0113.06, which expires on September 10, 2001.

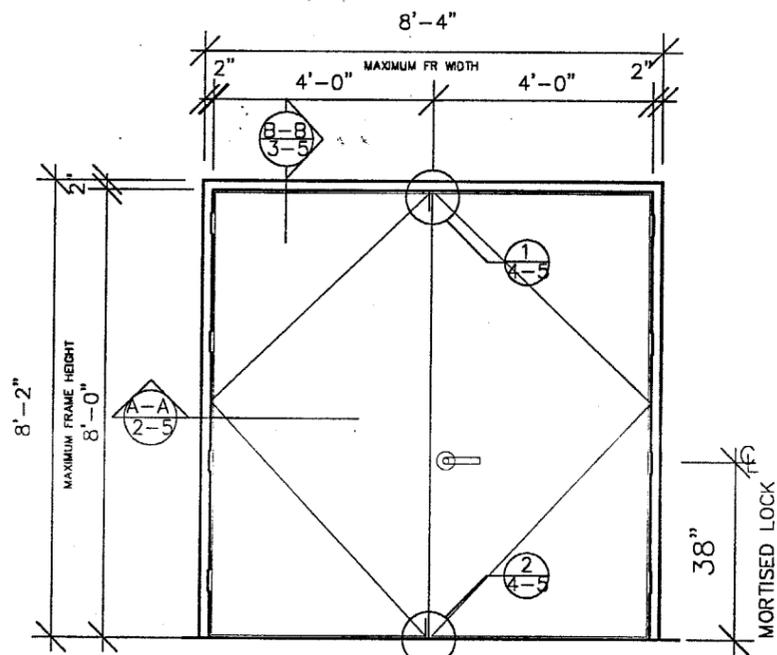
Ishaq I. Chanda
Ishaq I. Chanda, P.E Product Control Examiner
Product Control Division



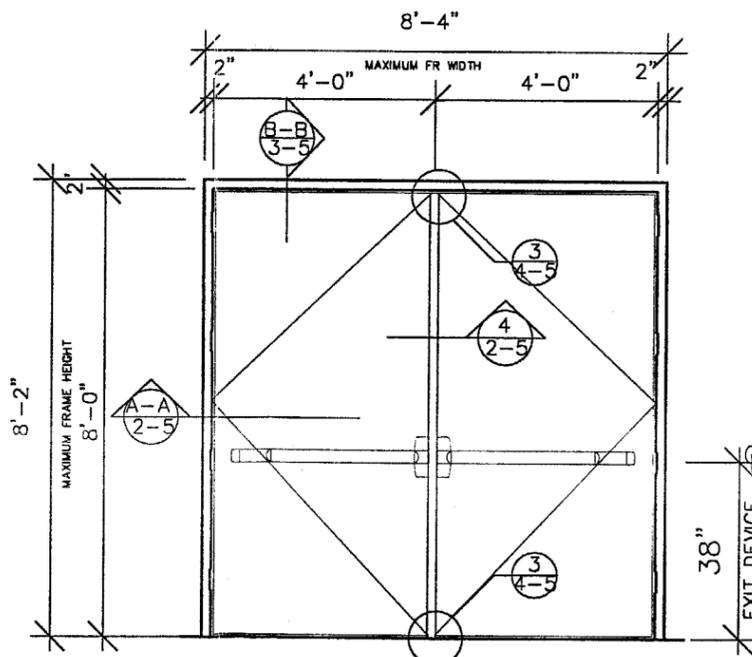
FRAME ELEVATION
VERICAL ROD EXIT DEVICE 22
 SCALE: 1/4" = 1'-0"
 LOCK OPTION "A"



FRAME ELEVATION
LOCK/ DEADLOCK 23, 24, 27
 SCALE: 1/4" = 1'-0"
 LOCK OPTION "B"



FRAME ELEVATION
MORTISED LOCK 25, 27
 SCALE: 1/4" = 1'-0"
 LOCK OPTION "C"



FRAME ELEVATION
RIM EXIT DEVICE 26
 SCALE: 1/4" = 1'-0"
 LOCK OPTION "D"

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

APPLIED ENGINEERING CONCEPTS INC.
 P.O. BOX 12-6403
 HIALEAH, FLORIDA 33012
 TELE: (305) 820-0550

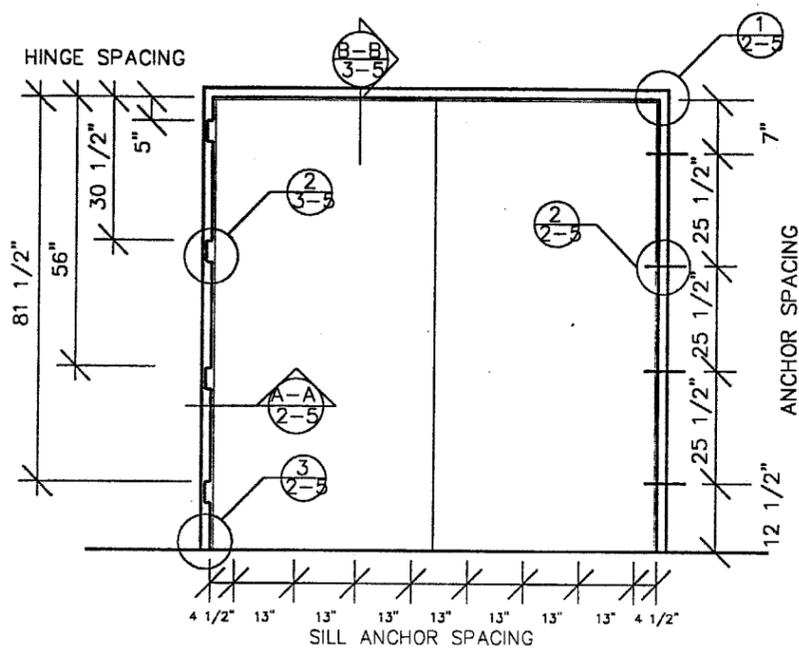
PRODUCT RENEWED
 ACCEPTANCE NO. 01-0705.03
 EXPIRATION DATE AUGUST 30, 2006
 By Ishag I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

SEAL
 APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE September 19, 98
 BY Ishag I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 980113.06

DATE: 7/28/98 DRAWN BY: SHANNON RUEST

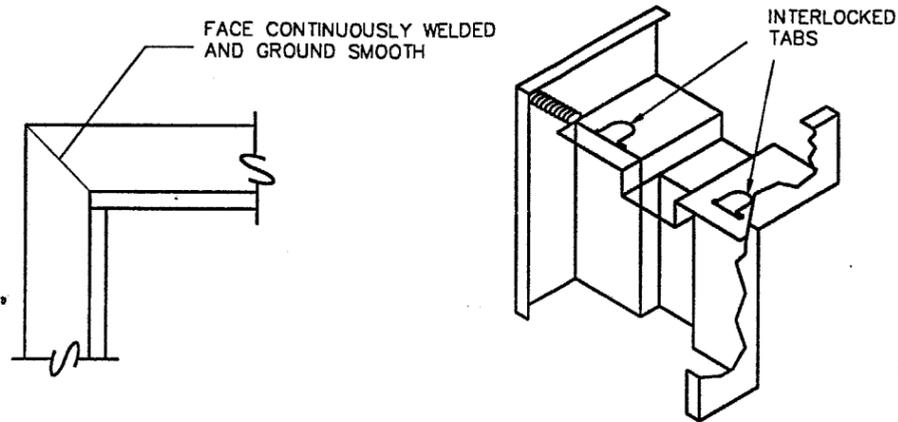
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DRAWINGS NUMBER: 98-0113.06 SCALE: SHEET NUMBER: 1 OF 5



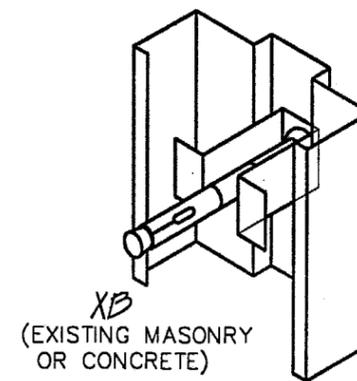
FRAME ELEVATION

SCALE: 1/4" = 1'-0"



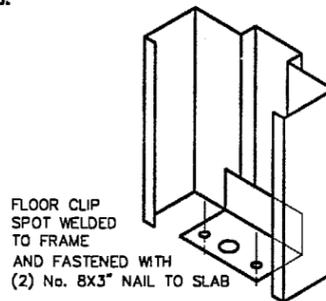
FRAME CORNER CONSTRUCTION

N. T. S.



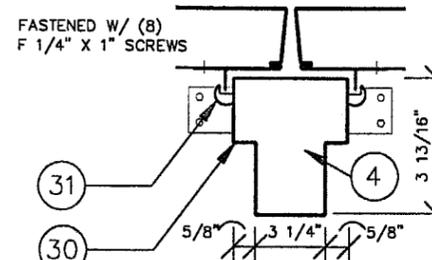
WALL ANCHOR

N. T. S.



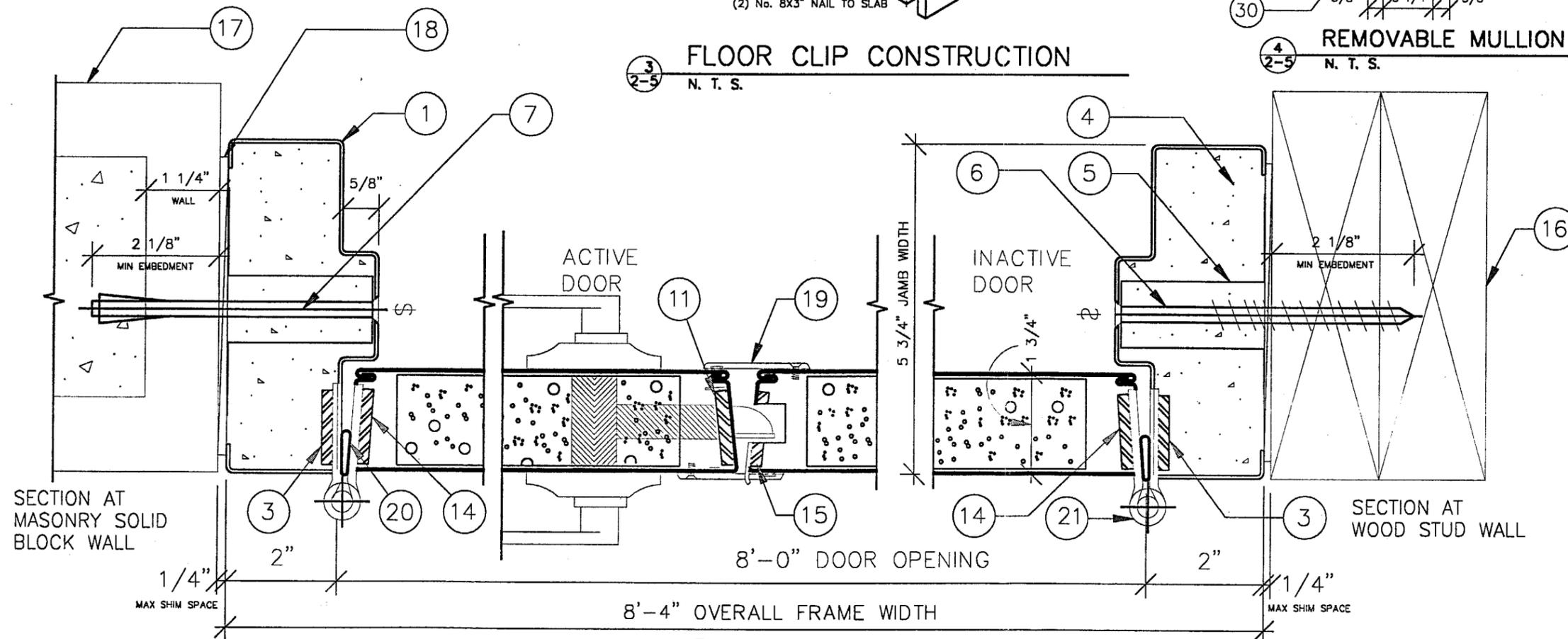
FLOOR CLIP CONSTRUCTION

N. T. S.



REMOVABLE MULLION

N. T. S.



FRAME SECTION

SCALE: 3/8" = 1'-0"



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 FIREDOOR CORPORATION OF FLORIDA
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APPLIED ENGINEERING CONCEPTS INC.
 P.O. BOX 12-6403
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 TELE: (305) 820-0550

PRODUCT RENEWED

ACCEPTANCE NO. 01-0705-03

EXPIRATION DATE AUGUST 30, 2006

By Ishag I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

SEAL
 APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE September 10 19 98
 BY Ishag I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 98-0113-06

DATE: 7/28/98 DRAWN BY: SHANNON RUEST

SHEET TITLE: **SERIES: 8080F STEEL DOOR**

DRAWINGS NUMBER: 98-0113.06 SCALE: SHEET NUMBER: 2 OF 5



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 DATE September 10, 1998
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 ACCEPTANCE NO. 98-0113.06

DATE:

7/28/98

DRAWN BY:

SHANNON RUEST

SHEET TITLE:

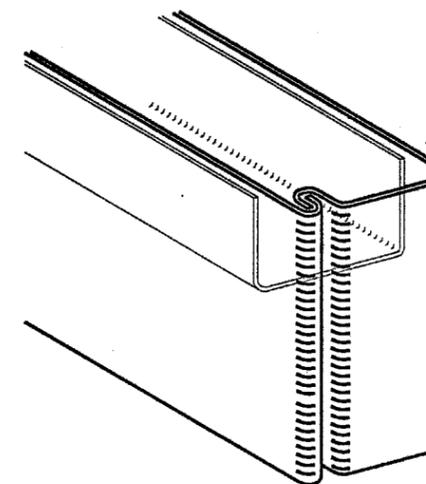
**SERIES: 8080F
 STEEL DOOR**

DRAWINGS NUMBER

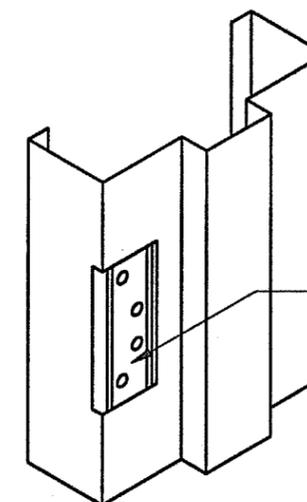
98-0113.06

SCALE:

SHEET NUMBER:
3 OF 5

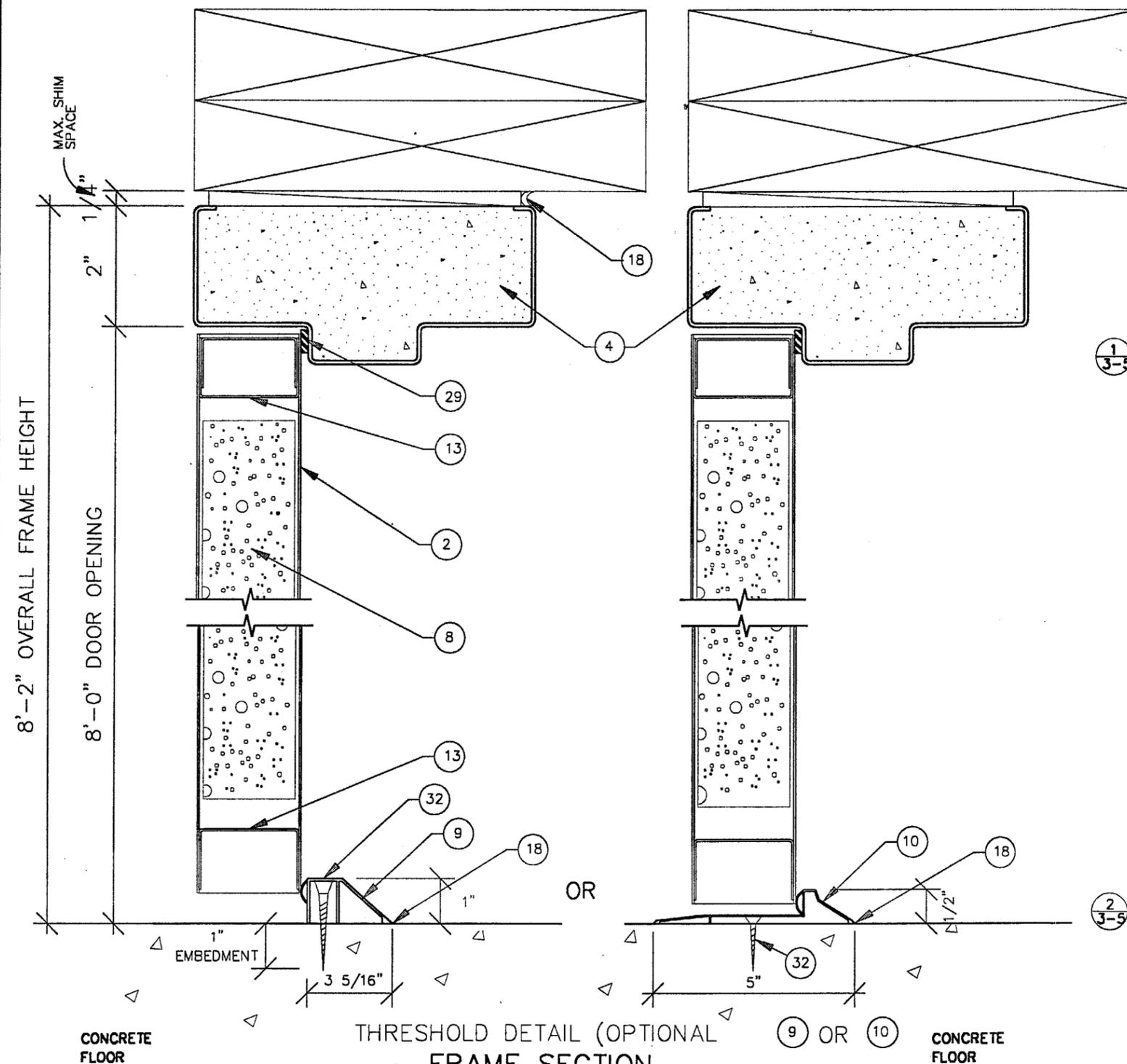


1
3-5 DOOR CORNER CONSTRUCTION
 N. T. S.



3/16" THICK HINGE REINF.
14

2
3-5 HINGE PREPARATION
 N. T. S.



THRESHOLD DETAIL (OPTIONAL)
FRAME SECTION

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

MAX. SHIM SPACE

8'-2" OVERALL FRAME HEIGHT

8'-0" DOOR OPENING

2"

1/4"

1" EMBEDMENT

3 5/16"

5"

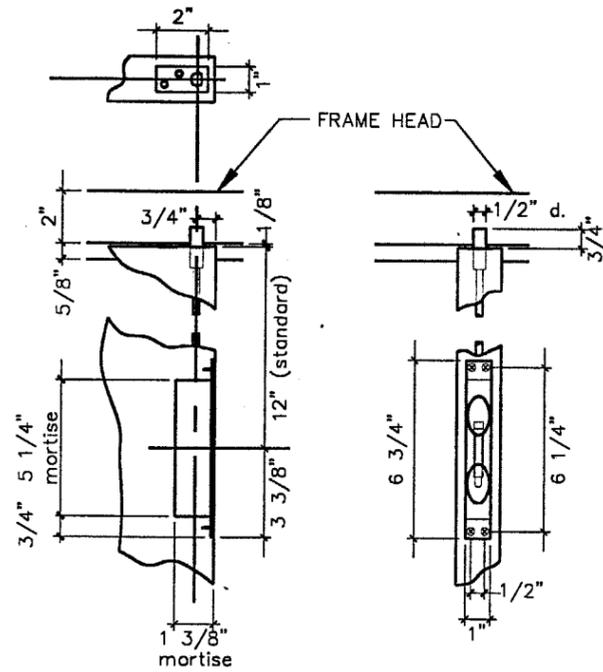
1 1/2"

CONCRETE FLOOR

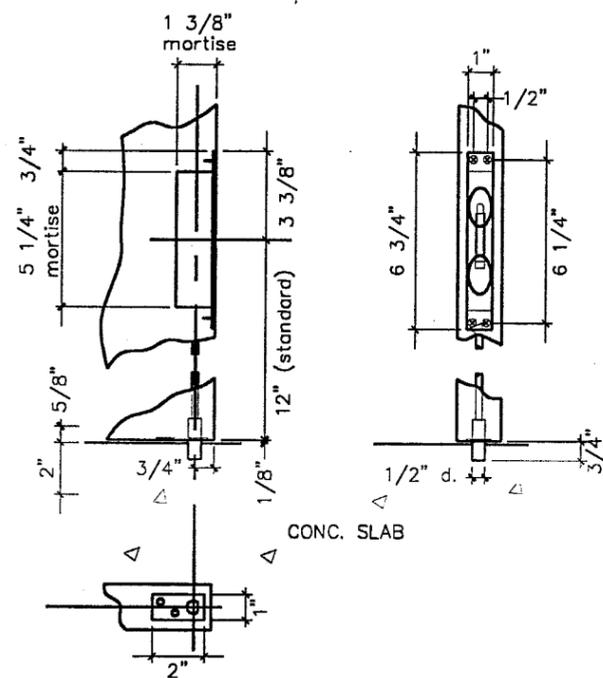
CONCRETE FLOOR

OR

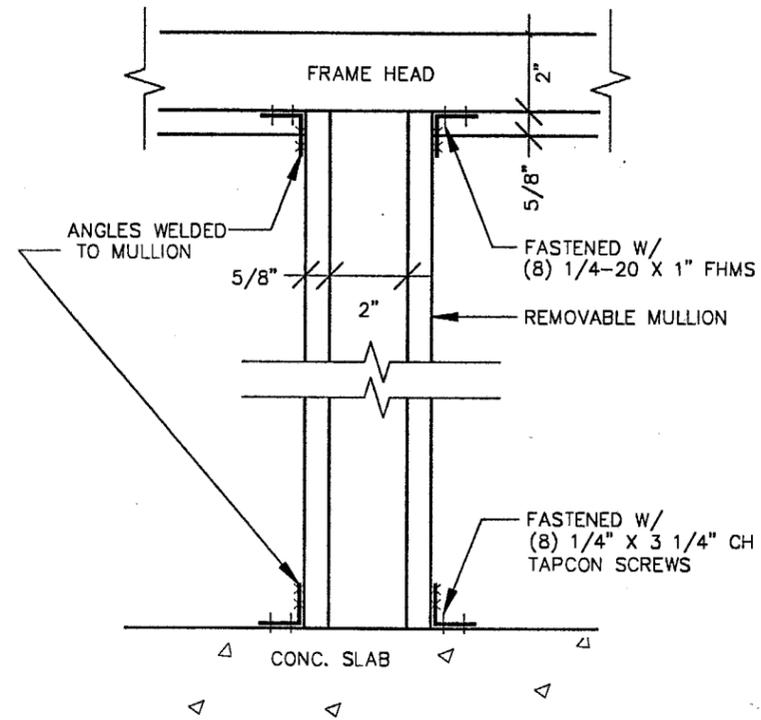
9 OR **10**



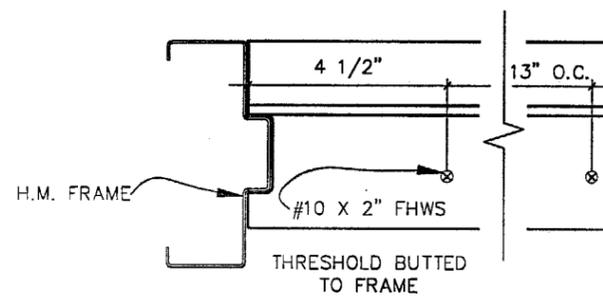
1
4-5 FLUSH BOLT DETAIL @ TOP
1/8" = 1"



2
4-5 FLUSH BOLT DETAIL @ BOTTOM
1/8" = 1"



3
4-5 REMOVABLE MULLION DETAIL
3/16" = 1"



4
4-5 THRESHOLD BUTTING FRAME DETAIL
3/16" = 1"



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By Ishag I. Chanda
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BUILDING CODE COMPLIANCE OFFICE

SEAL

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE September 10, 1998
BY Ishag I. Chanda
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BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0113.06

DATE: 7/28/98 DRAWN BY: SHANNON RUEST

SHEET TITLE:
**SERIES: 8080F
STEEL DOOR**

DRAWINGS NUMBER: 98-0113.06 SCALE:
SHEET NUMBER: 4 OF 5

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 (FRAME)	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) (4) PER JAMB FLAT HEAD SLEEVE ANCHOR (OR)	3/8" X 5"
7	1	(4) PER JAMB MASONRY "T" ANCHORS (OR) (4) PER JAMB WIRE ANCHORS (OR)	3/8" X 5"
8	1	POLYSTYRENE CORE. (APACHE PRODUCTS)	1 21/32"
9	2	2051 AV ALUMINUM THRESHOLD PEMKO (OR)	3/4" X 2 1/2" X 48"
10	2	2001 AV ALUMINUM THRESHOLD PEMKO	1/2" X 5" X 48"
11	3	LOCK REINFORCEMENT	1 1/8" X 3 1/8" X 12 GA.
12	4	(1) PER JAMB FLOOR ANGLE ANCHOR	1" X 1 3/4" X 4 1/2" X 18 GA.
13	1	CHANNEL (2) TOP AND (1) BOTTOM	13/16" X 1 21/32" X 13/16" X 16 GA.
14	2	HINGE REINFORCEMENT (DOOR)	1 1/4" X 10" X 3/16"
15	1	STRIKE REINFORCEMENT	12 GA. 1 3/8" X 6 7/16"
16	1	WOOD BUCK FRAMING	TWO 2 X REQUIRED
17	1	C. M. U. BLOCK FRAMING	WITH FILLED CAVITY REQUIRED
18	1	CLEAR SILICON SEALANT BY G.E.	1/4"
19	4	ASTRAGAL	1 3/8" X 96"
20	1	WEATHERSTRIP S88 PEMKO	1/2" X 1/4"
21	1	F179 HINGES STANLEY	4 1/2" X 4 1/2" X .134
22	1	VERTICAL ROD EXIT DEVICE YALE 7110 GRADE 1	N. A.
23	1	LOCKSET YALE 5400LN	N. A.
24	1	DEADBOLT YALE 3300 GRADE 1	N. A.
25	1	MORTISED LOCK YALE 8700 GRADE 1	N. A.
26	1	RIM EXIT DEVICE YALE 7100 GRADE 1	N. A.
27	1	FLUSH BOLTS ROCKWOOD 555	N. A.
28	1	RUST INHIBITIVE PRIMER	N. A.
29	1	WEATHER STRIPP BY P241-30 PEMKO	3/16" X 3/8"
30	1	REMOVABLE MULLION	2" X 3 1/4" X 3 13/16" X 14GA.
31	2	STABILIZER VON DUPRIN #154	N. A.
32	8	#10 X 2" FHWS, 4 1/2" FROM ENDS AND 13" O.C.	#10 X 2"

NOTES:

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

Firedoor Corporation of Florida
 Series: 8080F; Out-Swinging Commercial
 Steel Entrance Door
 Test size: 100" by 98" high
 D.P. -90.0 psf (Positive and Negative)
 WTP 18.00psf

DESIGN PRESSURE RATING
 + 90 PSF, -90 PSF



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SEAL

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 DATE September 19 1998
 BY Ishaq I. Chanda
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 ACCEPTANCE NO. 98-0113.06

DATE: 7/28/98	DRAWN BY: SHANNON RUEST
-------------------------	-----------------------------------

SHEET TITLE:
**SERIES: 8080F
 STEEL DOOR**

DRAWINGS NUMBER: 98-0113.06	SCALE: SHEET NUMBER: 5 OF 5
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