



**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**

**Fleming Steel Door & Frames**  
**20 Barr Rd.**  
**Ajax Ontario ,On L1S 3X9**

Your application for Notice of Acceptance (NOA) of:

**18 ga. 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.

**ACCEPTANCE NO.: 01-0129.09**  
**EXPIRES: 02/05/2006**

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: 05/03/2001**

**S. W. Fleming Limited**

ACCEPTANCE No.: 01-0129.09

APPROVED : MAY 03 2001

EXPIRES : February 05, 2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** the Notice of Acceptance No. 97-0327.01 which was issued on February 05, 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 **18 ga. Outswing Commercial Steel Door - Impact (D-18 Series Door & F-16 Series Frame)** and its components shall be constructed in strict compliance with the following documents: Drawing No **HDF**, Sheets 1 through 6 of 6, titled "18 ga. Outswing Commercial Steel Door", prepared by manufacturer, dated April 2001, 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 doors 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.

  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

**S. W. Fleming Limited**

ACCEPTANCE No.: 01-0129.09

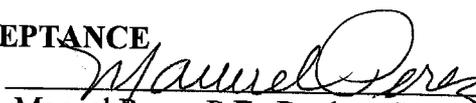
APPROVED : MAY 03 2001

EXPIRES : February 05, 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 purposes.
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 needs 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.

**END OF THIS ACCEPTANCE**

  
Manuel Perez, P.E., Product Control Examiner  
Product Control Division

**S. W. Fleming Limited**

ACCEPTANCE No.: 01-0129.09

APPROVED : MAY 03 2001

EXPIRES : February 05, 2006

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
***(For File ONLY. Not part of NOA.)***

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **HDF**, Sheets 1 through 6 of 6, titled "18 ga. Outswing Commercial Steel Door", prepared by manufacturer, dated April 2001.

**B. TESTS**

1. Test reports on
  - 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Forced Entry Test, per SFBC 3603.2 (b)5 and PA 202-94.along with installation diagram of a single commercial steel door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0096-0909-96**, dated 09/13/96 and 07/08/96, signed and sealed by Timothy S. Marshall, P.E.
2. Test reports on
  - 1) Large Missile Impact Test per SFBC, PA 201-94.
  - 2) Cyclic Wind Pressure Loading Test per SFBC, PA 203-94.along with installation diagram of a single commercial steel door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0096-0709-96**, dated 07/25/96, signed and sealed by Timothy S. Marshall, P.E.

**C. CALCULATIONS**

1. Anchor calculations prepared by Tilteco, Inc., dated 2/24/97, signed and sealed by Walter A. Tillit Jr., P.E.

**D. MATERIAL CERTIFICATIONS**

1. Tensile Test prepared by QC Metallurgical, Inc., Report No. QCM-7BM-337 dated March 17, 1997, for steel samples, tested per ASTM E8-93, signed and sealed by J. Bankemper Jr., P.E.

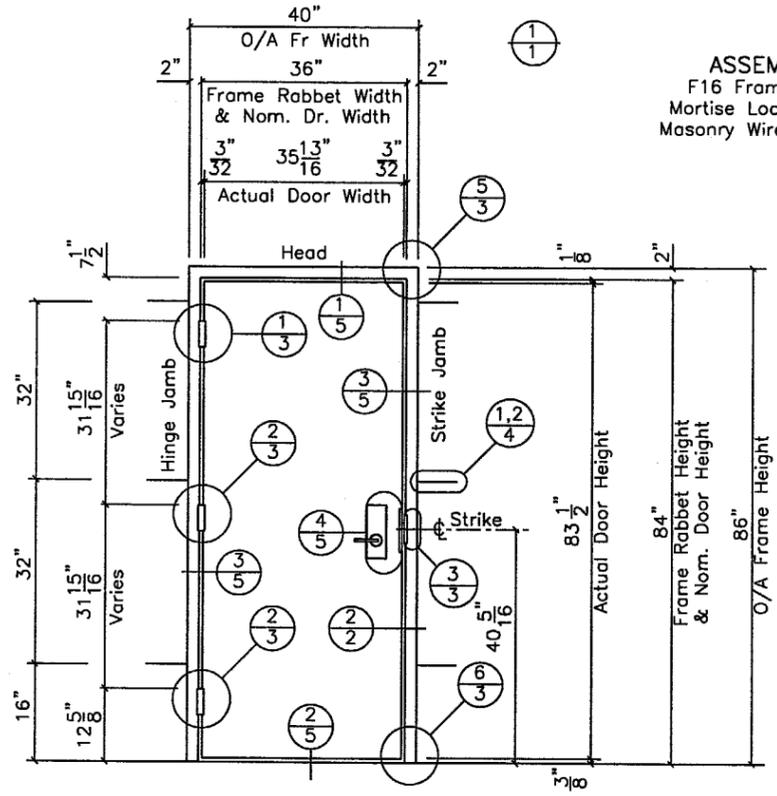
**E. STATEMENTS**

1. Statement letter certifying that Walter A. Tillit, Jr., P.E. is still the engineer of records and is still in practice, dated April 6, 2001, signed and sealed by Walter A. Tillit, Jr., P.E.

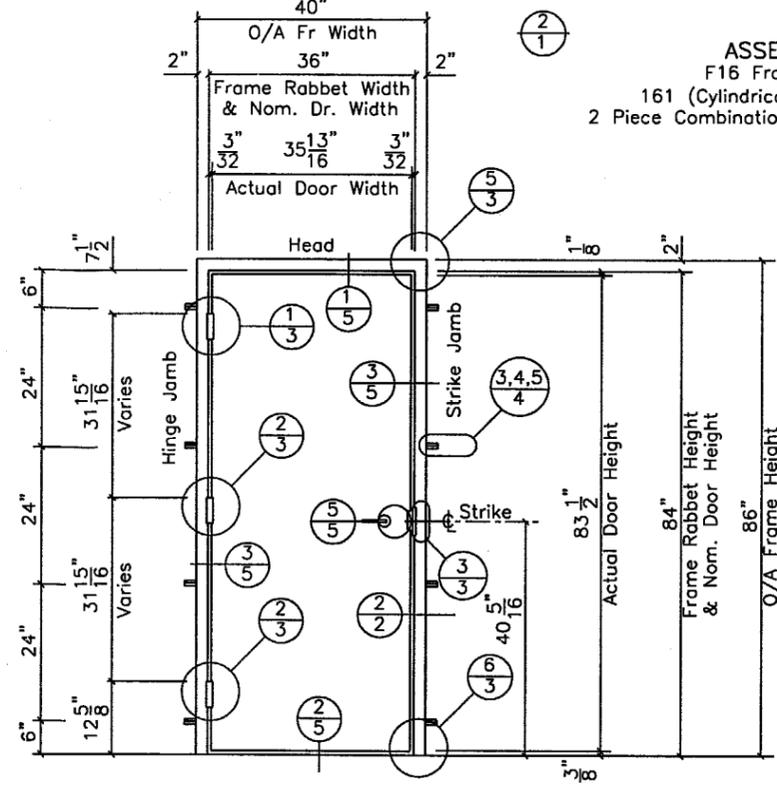
**F. OTHERS**

1. Notice of Acceptance 97-0327.01 issued to S. W. Fleming Limited for their 18 ga. Outswing Commercial Steel Door-Impact, dated 02/05/98, expiring on 02/05/01.

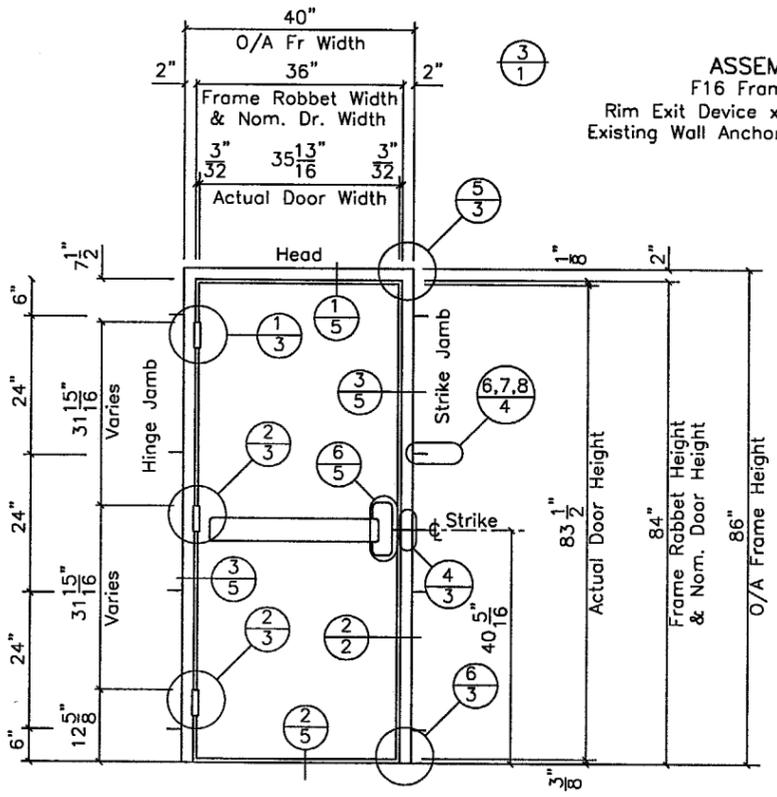
  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division



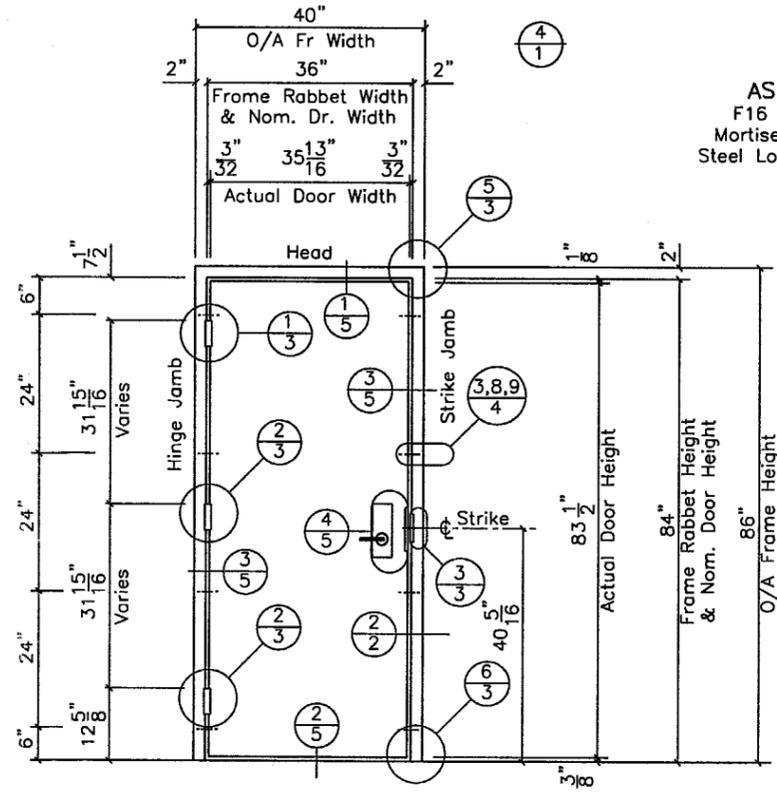
**ASSEMBLY # 1**  
 F16 Frame, D18 Door  
 Mortise Lock x ASA Strike  
 Masonry Wire Jamb Anchors



**ASSEMBLY # 2**  
 F16 Frame, D18 Door  
 161 (Cylindrical) Lock x ASA Strike  
 2 Piece Combination Stud Wall Jamb Anchors



**ASSEMBLY # 3**  
 F16 Frame, D18 Door  
 Rim Exit Device x # 757F Roller Strike  
 Existing Wall Anchor System Jamb Anchors



**ASSEMBLY # 4**  
 F16 Frame, D18 Door  
 Mortise Lock x ASA Strike  
 Steel Log Bolt Jamb Anchors

See drawing HDF 2 of 6 for Door and Frame Specifications

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FOR P. ENG. USE ONLY

FOR METRO DADE COUNTY USE ONLY

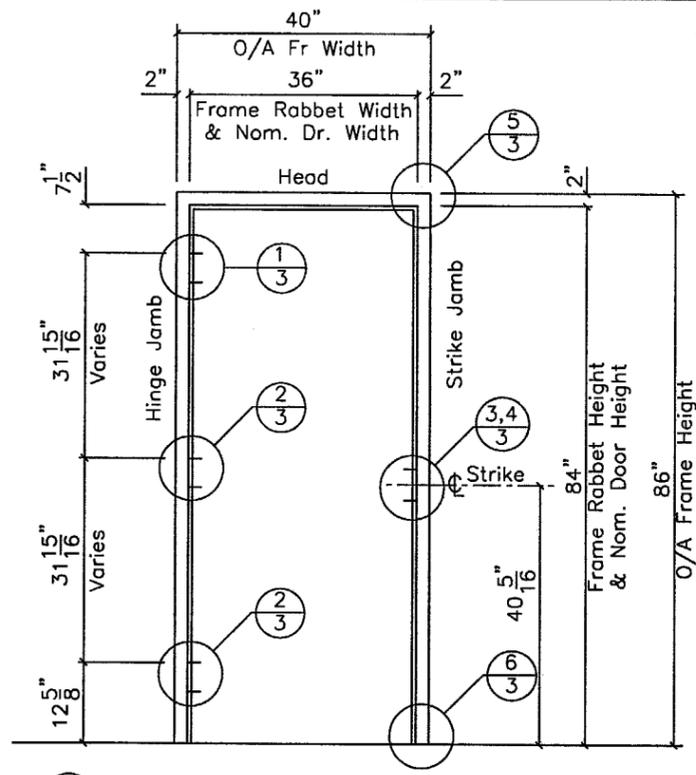


**Fleming**  
 20 Barr Road  
 Ajax, Ontario L1S 3X9  
**TECHNICAL DATA SHEET**

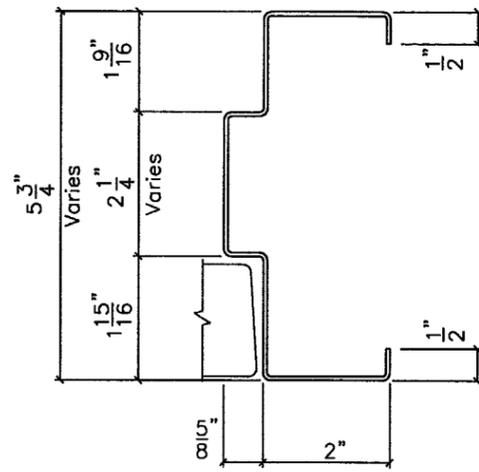
Title: 18 GA OUTSWING COMMERCIAL STEEL DOOR TEST SPECIMEN ELEVATIONS  
 Date: April 2001  
 Drawing Number: HDF  
 Sheet 1 of 6

DESIGN PRESSURE RATING +85 PSF, -85 PSF  
 LARGE MISSILE IMPACT RESISTIVE  
 WATER TEST PRESSURE : 150 PSF FOR A DESIGN WATER PRESSURE OF 100 PSF  
 SHUTTERS NOT REQUIRED

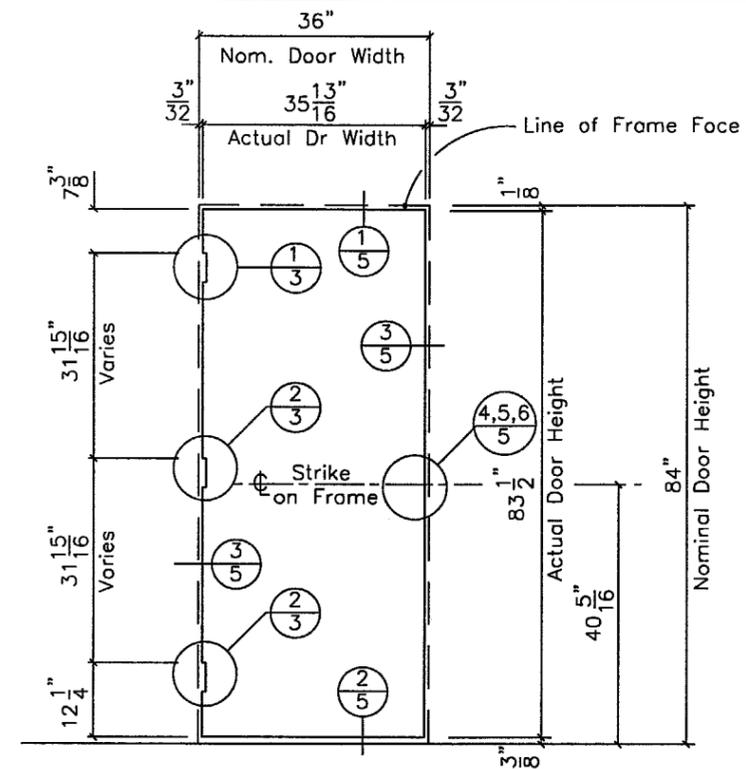
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE: MAY 03 2001  
 BY: *Mamuel Perez*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0129.09



①  
② TYPICAL FRAME ELEVATION



②  
② TYPICAL FRAME PROFILE



③  
② TYPICAL DOOR ELEVATION

**F16 SERIES FRAME SPECIFICATIONS**

- Material:** Frame, reinforcing and anchors manufactured from tension leveled steel conforming to ASTM A924M-94, galvanized to ASTM A653M-94, Commercial Quality (QC), coating designation ZF75, known commercially as paintable Galvaneal. Min Yield Strength : 43ksi, designation Min. Tensile Strength : 53ksi, Elongation : 36%
- Type:** 16 gage, double rabbet, 5-3/4" (minimum), 2" face frame. See detail 2/2
- Construction:** Mitered corner construction, intersecting faces continuously welded on the inside, intersecting stops tack welded on the inside, exposed faces ground smooth, unwelded interior joint intersections caulked with 'GE Silicone II', clear, 'Window and Door Sealant'. See detail 5/3.
- Reinforcements:** Hinges - 10 gage 'high frequency' type (det 1/3) at upper cutout  
 - 10 gage 'regular' type (det 2/3) at balance  
 Strikes - 12 gage ASA type (det 3/3) or 12 gage flat bar type (det 4/3) to suit strike specified  
 Closers - 16 gage flat bar (where specified)
- Wall Anchors:** New Unit Masonry Walls - Three (3) 0.175" diameter loose wire anchors (det 1,2/4) per jamb min. Yield Strength : 85.4ksi, min. Tensile Strength : 87.1ksi, Elongation : 18.1%  
 or Existing Unit Masonry or Poured Concrete Walls - Each jamb punched and dimpled for four (4) 3/8" diameter x 5" long sleeve anchors and provided with four (4) 18 gage Existing Wall Anchor Guides, tack-welded to inside of frame profile four places per guide. See details 6, 7 and 8/4.  
 or Steel/Wood Stud and Gypsum Board Walls - Four (4) 20 gage, two (2) piece, Combination Stud Wall Anchors (det 3, 4 & 5/4) per jamb, each tack-welded into jamb at four (4) places or (4) 1/4" x 4" steel lag bolts per jamb (det 3, 8 & 9/4).
- Floor Anchors:** One (1) 16 gage Floor Anchor (det 6/3), projection welded to base of each jamb
- Hardware:** Hinges - Three (3) Hager #BB1191, 4.5" x 4.5" x .134", US32D Stainless Steel, Non Removable Pins, with (8) 1/2" x 12-24 Flat Head Machine Screws per Hinge  
 Strikes - One (1) ASA (4-7/8" x 1-1/4" with lip), complying with ANSI/DHI A115.1 for 1-3/4" thick doors as supplied with Yale cylindrical and mortise locks, mounted with (2) 1" x #12-24 flat head machine screws  
 or One (1) Yale #757F steel roller strike as supplied with Yale 7150 rim type exit devices, mounted with (3) 3/4" x #10-24 flat head machine screws  
 Threshold - National Guard Products # 950N (det 2/5), handicap accessible, .078" thick aluminum 5" deep x 14" 1/2" height with neoprene bulb insert, mounted with (4) Rawl Tapper, #2742, 3/16" x 1-3/4" carbon steel FHS in concrete or (4) # 10 x 1" FHS in wood Mounting screws located 2" from each end and 16" on center.  
 Weatherstrip - National Guard Products # 130NA (det 1 & 3/5), aluminum carrier with neoprene gasket at jambs and head, mounted with #6 x 3/4" stainless steel self-tapping screws at 8" centers

**D18 SERIES DOOR SPECIFICATIONS**

- Material:** Face sheets, internal components and reinforcements manufactured from tension leveled steel conforming to ASTM A924M-94, galvanized to ASTM A653M-94, Commercial Quality (QC), coating designation ZF75, known commercially as paintable Galvaneal. Min Yield Strength : 43ksi, designation min Tensile Strength : 53ksi, Elongation : 36%
- Construction:** 1-3/4" thick, 18 gage face sheets, paper honeycomb core, full flush, interlocking edge seams, commercial, swinging door. See details 1, 2 & 3/5  
 Honeycomb Core: Unexpanded, 33 lb/1000 sq. ft wt, 180 ply, single glue line, 1" cell, 1.1 lb/cu.ft. density (expanded), 23 in lbs/sq.in compressive strength (ASTM C-365), 3,900 in lbs/sq.in. compressive modulus (Ec), 17 in lbs/sq.in (Tc) shear strength in length (ASTM C-273), 13 in lbs/sq.in (Tc) shear strength in width (ASTM C-273), 3,400 in lbs/sq. in (Gc) shear modulus in length, 1,600 in lbs/sq.in (Gc) shear modulus in width. Manufacturer : Tenneco  
 Core is bonded to face sheets with spray applied Nacan # 34-9014 reactive hot melt, polyurethane adhesive with isocyanate catalyzing agent. Application rate : 8 grams/sq.ft.of core  
 16 gage inverted end channels projection welded to face sheets and 16 gage top cap arc welded inside top end channel. See details 1 & 2/5.
- Top & Bottom:** Hinges - 10 gage 'high frequency' type (det1/3) at upper cutout  
 - 10 gage 'regular' type (det 2/3) at balance  
 Locks - Cylindrical Type - 12 gage (detail 5/5)  
 - Mortise Type - 16 gage (detail 4/5)  
 - Rim Exit Device - 16 gage (detail 6/5)
- Finish:** Touch-up with zinc rich primer
- Hardware:** Hinges - Three (3) Hager #BB1191 x US32D, 4.5" x 4.5" x .134", stainless steel, non-removable pins with (8) 1/2" x 12-24 flat head machine screws per hinge  
 (See Note 1)  
 Cylindrical Lock - One (1) Yale # AU5407L x 26D, heavy duty, cold rolled steel, 1/2" throw brass deadlocking latch bolt, solid cast lever handles, conforming to ANSI A156.2, Series 4000, Grade 1  
 or Mortise Lock - One (1) Yale # AUR8747 x 32D, wrought steel cose, 3/4" throw deadlatching stainless steel latch bolt, 1" throw stainless steel dead bolt, solid brass lever handles, conforming to ANSI A156.2, Series 1000, Grade 1  
 or Rim Exit Device - One (1) Yale # 7150 x 532 x 32D, stainless steel escutcheon, cylinder and pull, 3/4" throw nickel-steel latch bolt, conforming to ANSI A156.3, Grade 1, with Yale # 723 shim kit
- Welding:** All projection (resistance) welds to Resistance Weld Manufacturers Association (R.W.M.A) Group A (Alloys), Class 2 (Chromium Copper)

Note 1: For alternate latching hardware refer to drawing 6 of 6

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FOR P. ENG. USE ONLY

FOR METRO DADE COUNTY USE ONLY

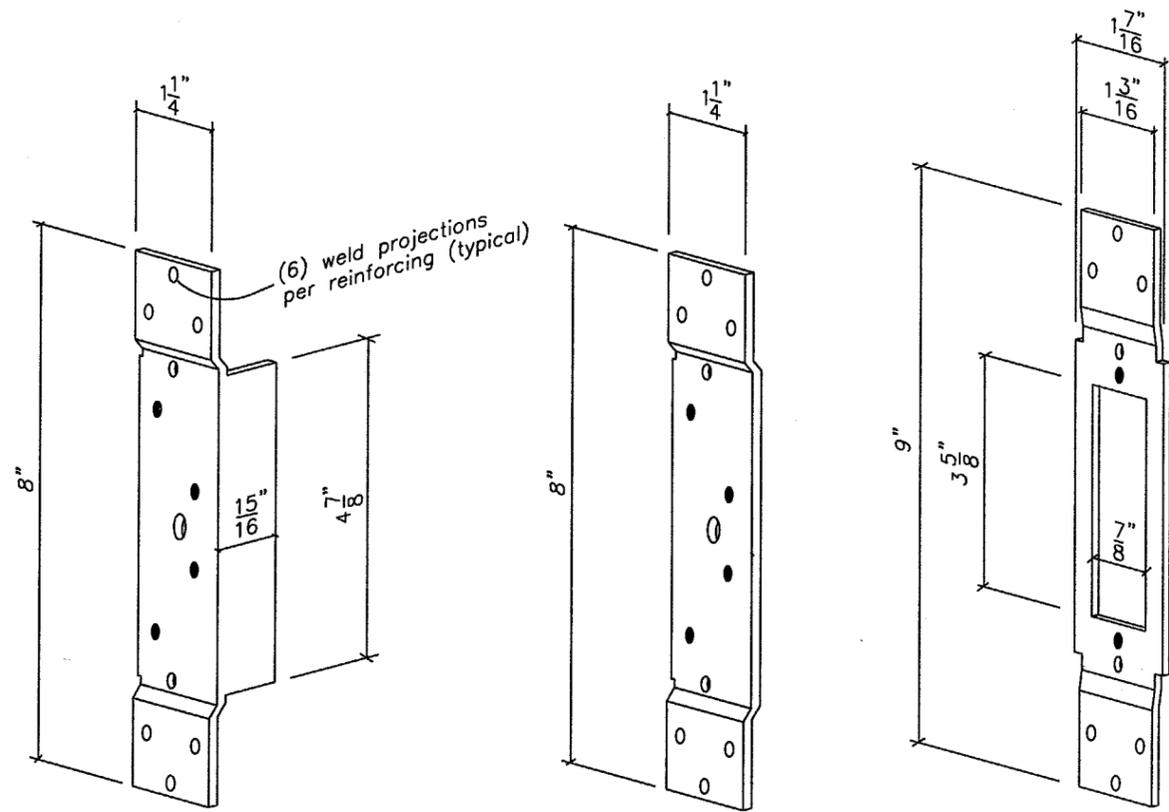
APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE **MAY 03 2001**  
 BY *Manuel Perez*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. **01-0129.09**



**Fleming**  
 20 Barr Road  
 Ajax, Ontario L1S 3X9  
**TECHNICAL DATA SHEET**

**18 GA OUTSWING COMMERCIAL STEEL DOOR  
 F16 SERIES FRAME & D18 SERIES DOOR  
 TYPICAL ELEVATIONS & SPECIFICATIONS**

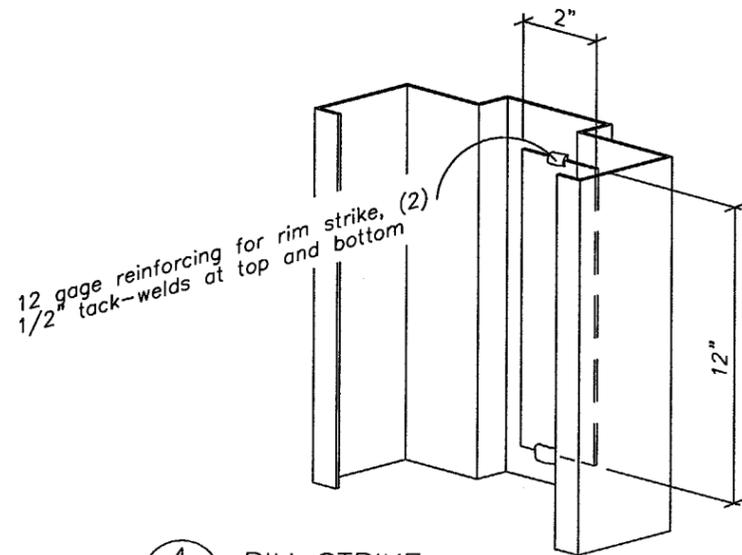
Date : April 2001  
 Drawing Number : HDF  
 Sheet 2 of 6



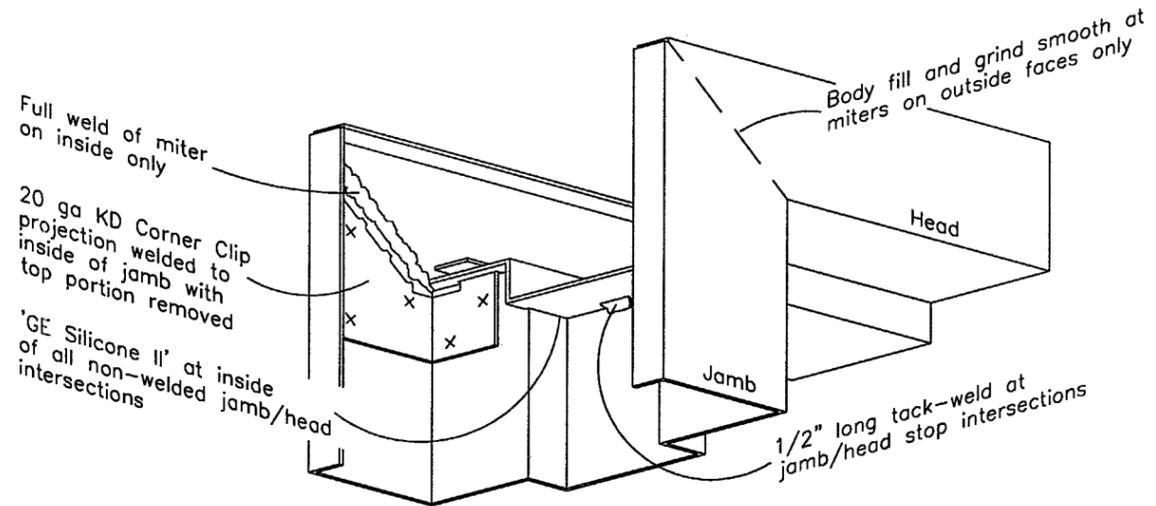
1  
3 HIGH FREQUENCY HINGE REINFORCING  
10 Gage Steel

2  
3 REGULAR HINGE REINFORCING  
10 Gage Steel

3  
3 ASA STRIKE REINFORCING  
12 Gage Steel

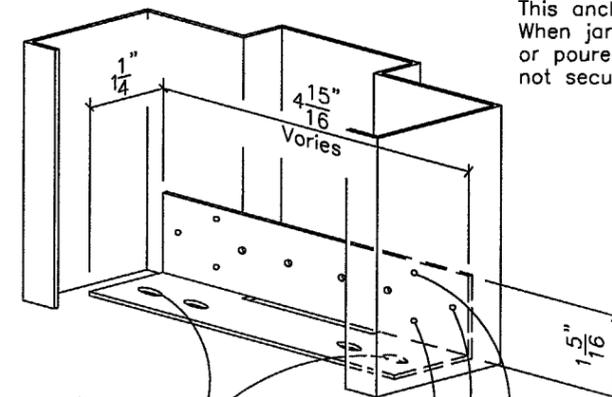


4  
3 RIM STRIKE REINFORCING  
12 Gage Steel



5  
3 TYPICAL JAMB/HEAD INTERSECTION

NOTE : Details 1, 2 and 5 used on all four assemblies  
 : Detail 3 used on Assembly Numbers 1, 2 and 4  
 : Detail 4 used on Assembly Number 3  
 : Detail 6 used on Assembly Numbers 1, 2 and 4

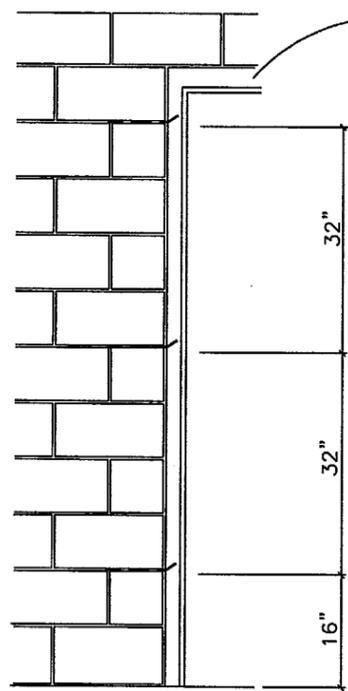


This anchor is provided on all jambs. When jamb is anchored to existing unit masonry or poured concrete walls, the floor anchors are not secured to the floor

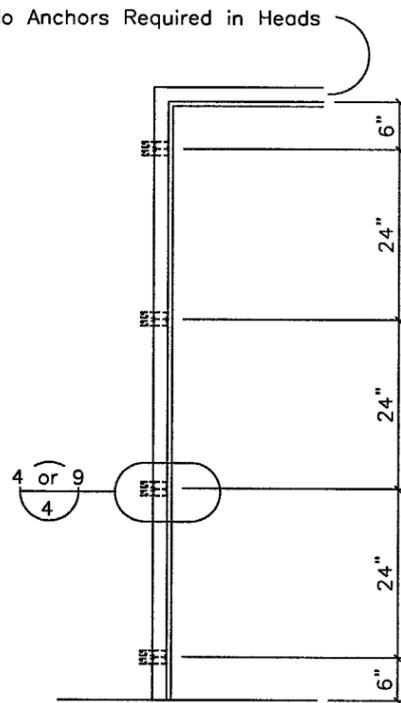
For concrete floors, floor anchors 'shot and pinned' to floor (2 pins per anchor) with ITW Ramset/Red Head 1500SD Series 2" long x .3" dia head pin and .125" washer  
 For wood floors, floor anchors mechanically secured to floor (2 1/4" x 4" steel lag bolts per anchor)

6  
3 FLOOR ANCHOR  
16 Gage Steel

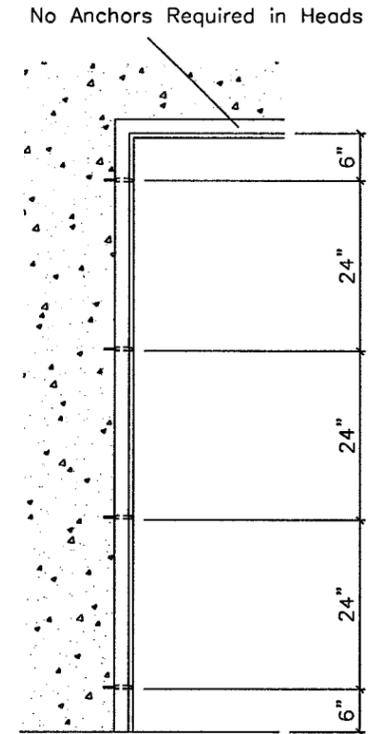
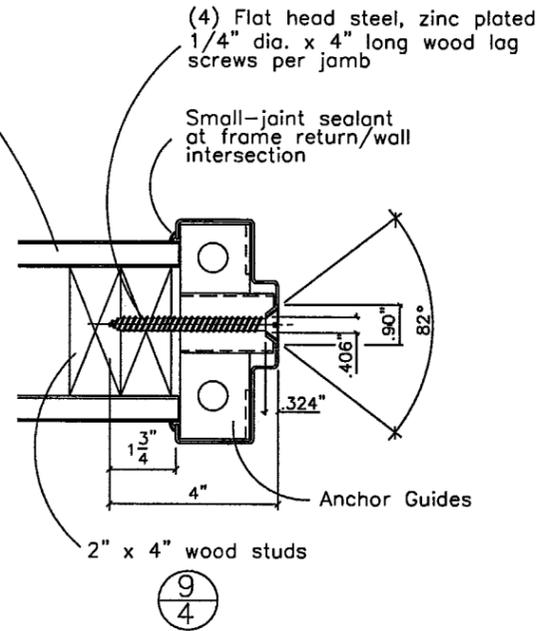
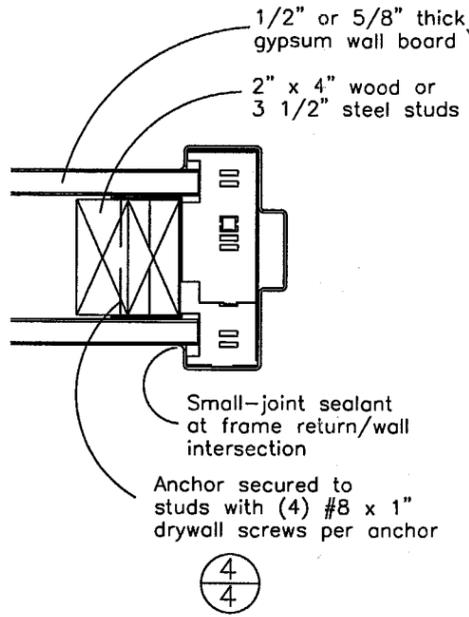
FOR TEST LAB USE ONLY  
 FOR P. ENG. USE ONLY



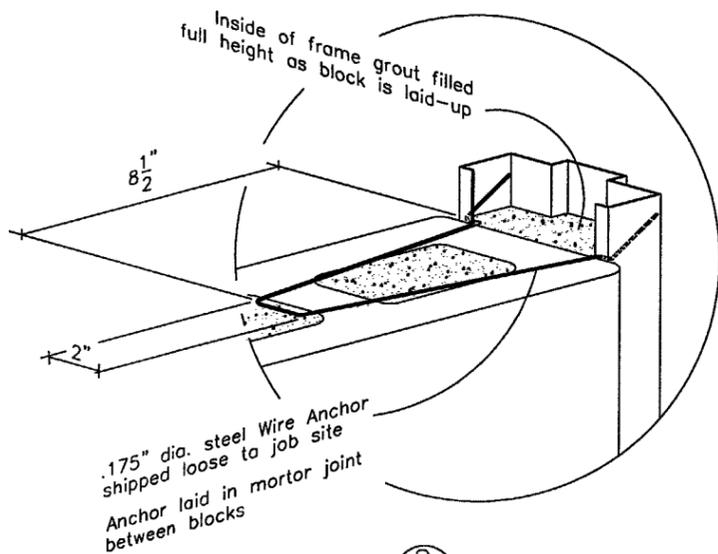
①  
④ MASONRY WIRE ANCHOR SPACING  
(3 anchors per jamb)



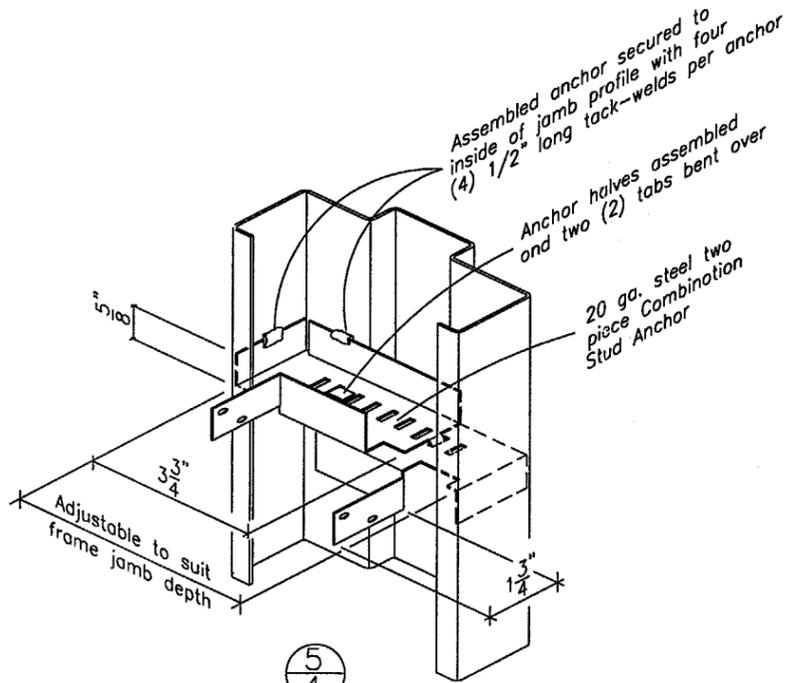
③  
④ LAG SCREWS OR TWO PIECE COMBINATION STUD WALL ANCHOR SPACING  
(4 anchors per jamb)



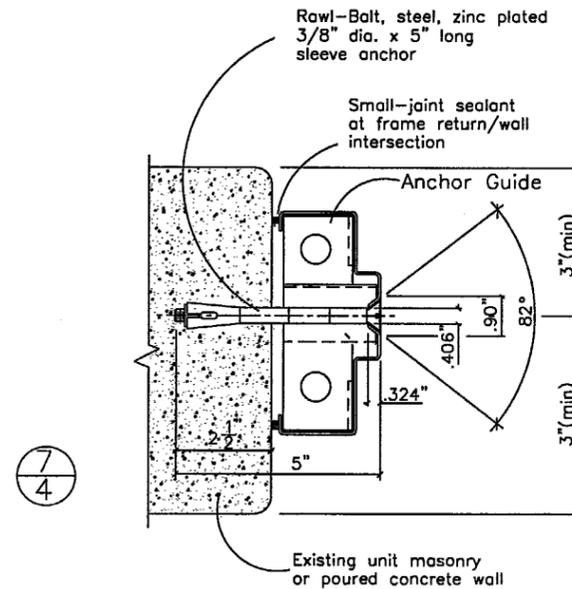
⑥  
④ EXISTING WALL ANCHOR GUIDE AND PREPARATION SPACING  
(4 anchors per jamb)



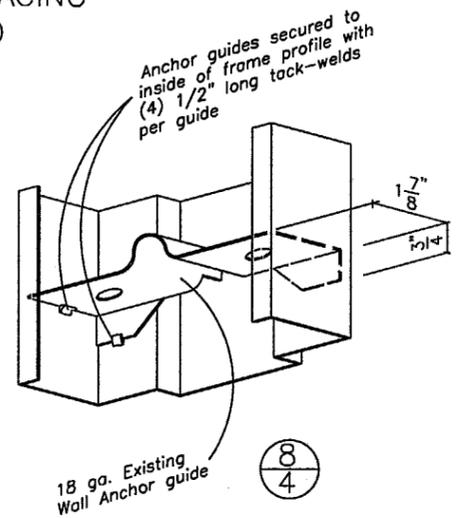
②  
④



⑤  
④



⑦  
④



⑧  
④

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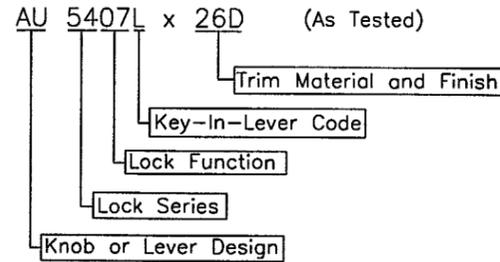
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE **MAY 03 2001**  
BY *Manuel Torres*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0129.09

Note : Details 1 and 2 used on Assembly Number 1  
: Details 3, 4 and 5 used on Assembly Number 2  
: Details 6, 7 and 8 used on Assembly Number 3  
: Details 3, 8 and 9 used on Assembly Number 4



**CYLINDRICAL LOCKS**

All cylindrical locks listed below are heavy duty, with 1/2" throw deadlocking latches, conforming to ANSI A156.2, Series 4000, Grade 1



Knob or Lever Designs

- BR Brandywine Knob
- CA Carolina Knob
- LF Litchfield Knob
- WN Windsor Knob
- AU Augusta Lever
- MO Monroe Lever
- PB Pacific Beach Lever

Lock Series

- 54 Cold Rolled Steel Mechanism
- 55 Stainless Steel Mechanism

Lock Function

- 03 Privacy
- 04 Entry
- 05 Storeroom/Closet
- 06 Service Station
- 07 Entrance
- 08 Classroom
- 09 Exit Latch
- 17 Apartment
- 19 Store Lock
- 20 Hotel/Motel
- 21 Communicating (2 Knobs or Levers)
- 22 Dormitory
- 24 Classroom with Holdback
- 28 Exit (Single Knob or Lever)
- 30 Utility/Asylum/Institutional

Key-In-Lever Code

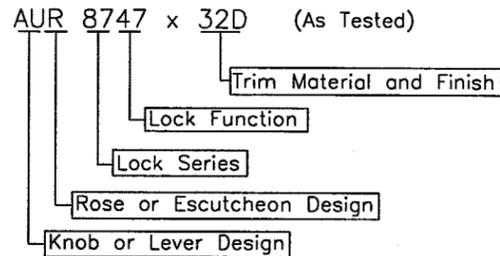
- For 54 and 55 Series Knob Designs
- L For 54 Series Lever Designs

Trim (Knob & Rose) Material and Finish

- 3 Bright Brass, Clear Coated
- 4 Satin Brass, Clear Coated
- 9 Bright Bronze, Clear Coated
- 10 Satin Bronze, Clear Coated
- 10B Satin Bronze, Oxidized & Oil Rubbed
- 26 Brass, Bright Chrome Plated
- 26D Brass, Satin Chrome Plated
- 32 Bright Stainless Steel
- 32D Satin Stainless Steel

**MORTISE LOCKS**

All mortise locks listed below have wrought steel case, 3/4" throw deadlatching stainless steel latch bolt, 1" throw stainless steel dead bolt, conforming to ANSI A156.2, Series 1000, Grade 1



Knob or Lever Designs

- BR Brandywine Knob
- CA Carolina Knob
- CO Copenhagen Knob
- FN Finlandia Knob
- LF Litchfield Knob
- SU Sutton Knob
- WN Windsor Knob
- AR Arcadia Lever
- AU Augusta Lever
- CR Carmel Lever
- JN Jefferson Lever
- MO Monroe Lever
- PB Pacific Beach Lever
- PN Pinehurst Lever
- VI Virginia Lever

Rose or Escutcheon Design

- E Escutcheon Plate
- MF Mayfair Rose
- LW Litchwood Rose
- R Lever Rose
- YK York Rose

Lock Series

- 87 3/4" Throw Bolt

Lock Function

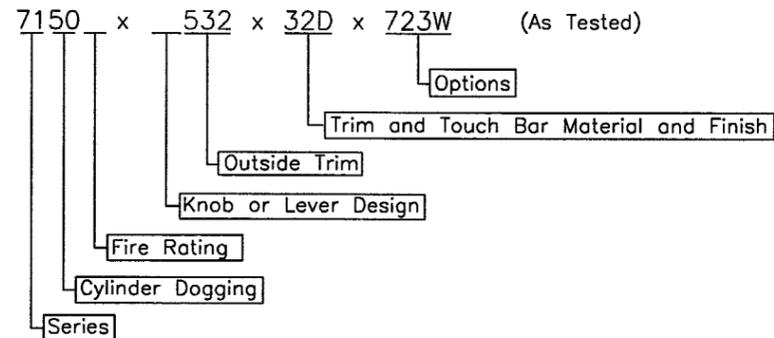
- 02 Privacy
- 20 Hotel/Motel
- 22 Dormitory
- 27 Hotel/Motel
- 31 Detention
- 32 Hotel/Motel
- 47 Entrance/Apartment Door
- 60 Entrance/Storeroom
- 60-2 Entrance/Storeroom
- 67 Entrance/Apartment Door

Trim (Knob, Rose & Escutcheon) Material and Finish

- 3 Bright Brass, Clear Coated
- 4 Satin Brass, Clear Coated
- 9 Bright Bronze, Clear Coated
- 10 Satin Bronze, Clear Coated
- 10B Satin Bronze, Oxidized & Oil Rubbed
- 26 Brass, Bright Chrome Plated
- 26D Brass, Satin Chrome Plated
- 32 Bright Stainless Steel
- 32D Satin Stainless Steel

**RIM EXIT DEVICES**

All rim exit devices listed below have a 3/4" throw, two piece, heat treated nickel-steel alloy 'square bolt' deadlocking latch bolt, identical internal operating mechanisms, and conform to ANSI A156.3, Grade 1



Series

- 71 Wide Case Device
- 72 Narrow Case Device

Cylinder Dogging

- 50 No Cylinder Dogging
- 55 Cylinder Dogging

Fire Rating

- Panic Exit Device (Non Rated)
- F Fire Exit Device (Rated)

Knob or Lever Design

- No Knob or Lever
- BR Brandywine Knob
- CA Carolina Knob
- CO Copenhagen Knob
- FN Finlandia Knob
- LF Litchfield Knob
- MY Mystic Knob
- WN Windsor Knob
- AR Arcadia Lever
- AU Augusta Lever
- CN Cotillion Lever
- CR Carmel Lever
- JN Jefferson Lever
- MO Monroe Lever
- PB Pacific Beach Lever
- PN Pinehurst Lever
- SA Saxon Lever
- VI Virginia Lever

Outside Trim Design

- No Outside Trim
- 500\* Blank Narrow Esc
- 501\* Cyl x Narrow Esc
- 502\* Cyl x Knob x Narrow Esc
- 503\* Cyl x Thumb Turn x Narrow Esc
- 504\* Knob x Narrow Esc
- 505\* Knob (Rigid) x Narrow Esc
- 506\* Cyl x Knob x Narrow Esc
- 507\* Turn Pc x Narrow Esc
- 508\* Lever x Narrow Esc
- 509\* Lever (Rigid) x Narrow Esc
- 512\* Cyl x Pull x Narrow Esc
- 513\* Cyl x Turnpc x Pull x Narrow Esc
- 514\* Pull x Narrow Esc
- 517\* Turnpc x Pull x Narrow Esc
- 518\* Cyl x Thumbpc x Pull x Narrow Esc
- 519\* Thumbpc x Pull x Narrow Esc
- 520\* Blank Short Esc
- 521\* Cyl x Short Esc
- 522\* Cyl x Knob x Short Esc

Trim and Touch Bar Material and Finish

- 3 Bright Brass, Clear Coated
- 4 Satin Brass, Clear Coated
- 9 Bright Bronze, Clear Coated
- 10 Satin Bronze, Clear Coated
- 10B Satin Bronze, Oxidized & Oil Rubbed
- 26 Brass, Bright Chrome Plated
- 26D Brass, Satin Chrome Plated
- 32 Bright Stainless Steel
- 32D Satin Stainless Steel
- WU Wood Veneer, Unfinished \*\*
- WF Wood Veneer, Finished \*\*
- BN Fused Black Nylon, Semi Gloss \*\*
- \*\* Touch Bar Only

Options

- 723N Shim Kit for 72 Series Device
- 723W Shim Kit for 71 Series Device

FOR TEST LAB USE ONLY

FOR P.ENG. USE ONLY

FOR METRO DADE COUNTY USE ONLY

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **MAY 03 2001**  
BY *Manuel Perez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. **01-0129.09**

**Fleming**  
Steel Doors & Frames  
A United Dominion Company

**Fleming**  
20 Barr Road  
Ajax, Ontario L1S 3X9  
TECHNICAL DATA SHEET

**18 GA OUTSWING COMMERCIAL STEEL DOOR "YALE" LATCHING HARDWARE CONFIGURATIONS**

Date : April 2001  
December 1997

Drawing Number : HDF  
Sheet 6 of 6