



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908  
www.buildingcodeonline.com**

**NOTICE OF ACCEPTANCE (NOA)**

**Brunswick Door Company  
400 South Goolsby Boulevard  
Deerfield Beach, FL 33442**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: 18 ga. Flush Single Outswing Commercial Steel Door**

**APPROVAL DOCUMENT:** Drawing No. 107-99, titled "18ga Flush Steel Door", sheets 1 through 4, dated 8/20/99, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**Limitation:** 3/8" Lag screws must be used with butterfly anchors.

**LABELING:** 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", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA 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 NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 02-0610.05** and consists of this page 1 and evidence pages E-1 , as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



**NOA No 07-0816.06  
Expiration Date: August 15, 2008  
Approval Date: September 20 2007  
Page 1**

**Brunswick Door Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (transferred from file # **02-0610.05**)
1. Manufacturer's die drawings and sections.
  2. Drawing No. 107-99, titled "18ga Flush Steel Door", sheets 1 through 4, dated 8/20/99, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E.
- B. TESTS** (transferred from file # **02-0610.05**) original test conducted per SFBC, PA 201, 202 & 203-94, now known as FBC, TAS 201, 202 and 203-94.
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 ASTM F 842-83 and PA 202-94.along with installation diagram and manufacturer's design drawing marked-up and verified by the Laboratory prepared by Hurricane Engineering & Testing Inc., Test Report No(s) **HETI-95-476**, dated August 10, 1995, **HETI-95-1038**, dated November 22, 1995 and **HETI-95-476f**, dated December 4, 1995, all signed and sealed by Hector Medina, P.E.
- C. CALCULATIONS**
1. Anchor Verification Calculations dtd 12-08-95, signed and sealed by J. Potts, P.E.
  2. Anchor complies w/ FBC 2004 with 3/8 lag bolts supported by butterfly anchors.
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Tensile Test prepared Hurricane Engineering & Testing Inc., Test Report No. HETI-95-T111, dated December 6, 1995 for steel sample, tested per ASTM E8-93, signed and sealed by Hector Medina, P.E
- F. STATEMENTS**
1. Statement letter of conformance and letter of "no financial interest", dated August 25, 1999, signed and sealed by Pedro De Figueiredo, P.E.
  2. Statement letter of Lab compliance, as part of above referenced test reports.
- G. OTHER**
1. This NOA **renews** NOA # **02-0610.05**, expired on August 15, 2007.
  2. Conditional one year approval subjected to completion of verification test.
  3. Statement letter dated August 14, 2007 from Hurricane Engineering & Testing for upcoming schedule testing for Brunswick, signed by Syed Waqar Ali, PhD.

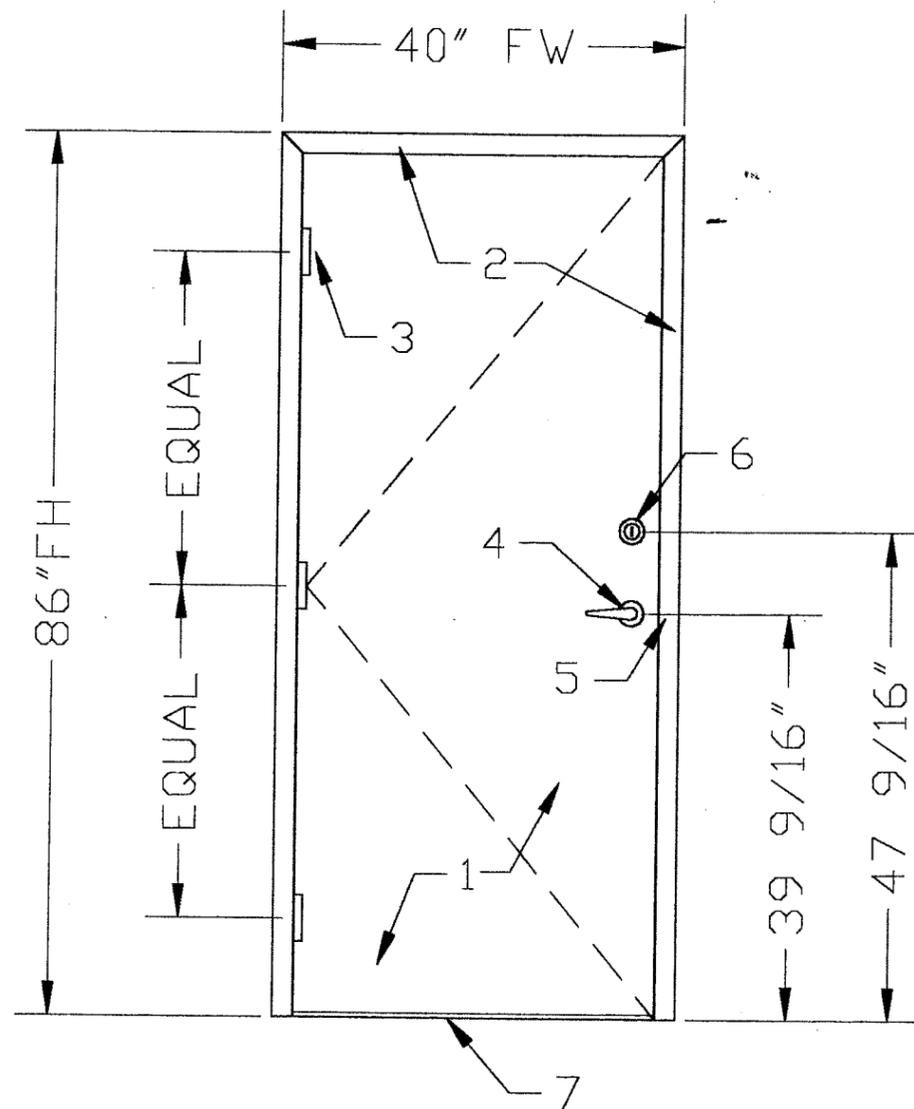
*Ishaq I. Chanda*

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

**NOA No 07-0816.06**

**Expiration Date: August 15, 2008**

**Approval Date: September 20, 2007**



HARDWARE SCHEDULE

MARK	DESCRIPTION
1	18 Ga 1 3/4" - 36"x 84" Steel door leaf.
2	18 Ga 2"x 5 7/8"(min) Steel Frame -- Jambs and Header
3	(3) Steel Full Mortise Hinges, 4 1/2"x 4 1/2" PBB, Inc - Part# PBB1 - US 26D finish.
4	(1) Std. Duty Lever Lockset, Grade 2, SK 126 x 2 3/4" x ASA strike PDQ Industries SK Series "Competidor" - US 26D finish
5	(1) ASA Steel strike plate - 1 1/4"x 4 7/8"x 3/32" PDQ Industries
6	(1) Std Duty Deadbolt KV 116x 2 3/4" and strike PDQ Industries KV series - US 26D finish.
7	Bumper Threshold - 3/4" high x 3 1/2" wide with a SiliconeSeal insert Pemko #205AV extruded aluminum

GENERAL NOTES:

1- CODE: This product has been tested and designed in accordance with the South Florida Building Code - Dade County 94 edition.

2- DEFINITION: This product is an 18 ga.(min) Out-Swing Commercial Steel Door, designed and erected to provide protection from Hurricane force winds within the designed allowable pressures and limitations stated in this approval.

3- IDENTIFICATION: A permanent legible decal shall be placed at readily visible location at inside the frame jamb and at the door slab edge, reading the following:

Brunswick Door Company  
Deerfield Beach, Florida  
Dade County Product  
Control Approved

4- MATERIAL: Frame and Door are made of 18 ga minimum cold rolled steel, commercial quality with a minimum yield stress of 44.0 Ksi.

5- FASTENERS: Assembly screws and anchors shall be as specified at current set of drawings. Installation and loads as per manufacturer specifications.

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-0816-06  
Expiration Date August 15, 2008  
By Lucas L. Lande  
Miami Dade Product Control  
Division

DESIGN PRESSURE:

+65 PSF    -76 PSF

*WP*  
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-0610-05  
Expiration Date August 15, 2007  
By Manuel Perez  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE September 23, 1999  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0810-01

INDEX

SHEET	DESCRIPTION
1	GENERAL NOTES, MATERIAL SCHEDULE AND DESIGN PRESSURE
2	PERIMETER FRAME DETAIL
3	DOOR DETAIL
4	DOOR ANCHORAGE AND CROSS SECTIONS

EngCo, Inc.

Engineering Services  
CA# 8116

9957 NW 7th St.  
Plantation - Florida - 33324  
Tel.: 954 424-4064

Pedro De Figueiredo  
PE 52809

*8/25/99*

18ga Flush Steel Door

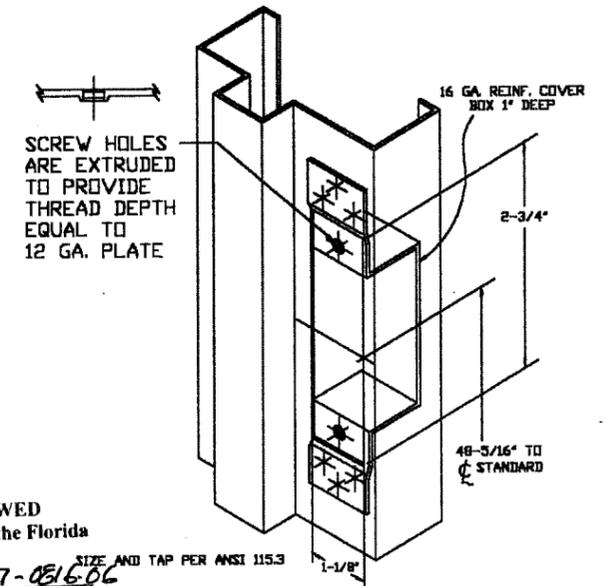
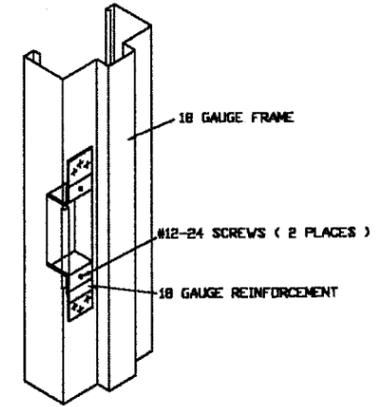
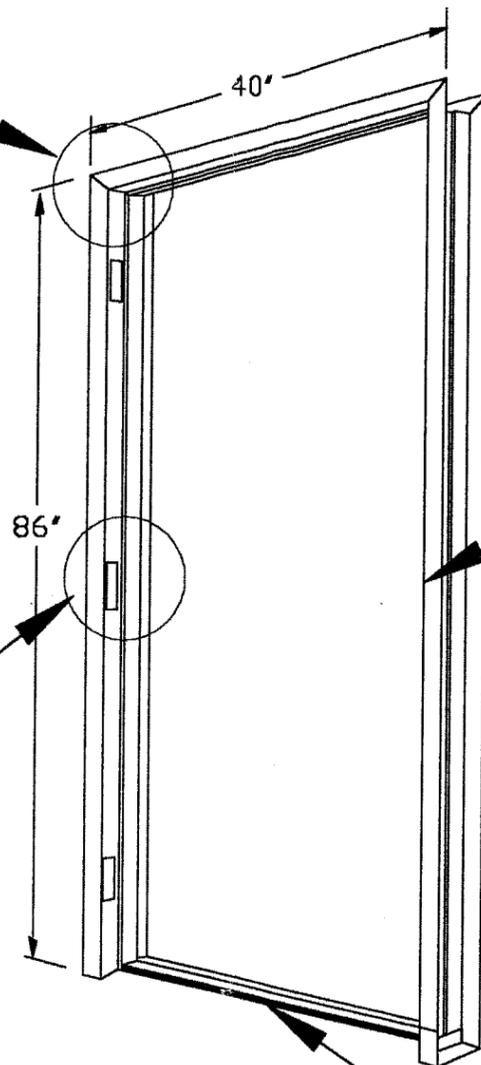
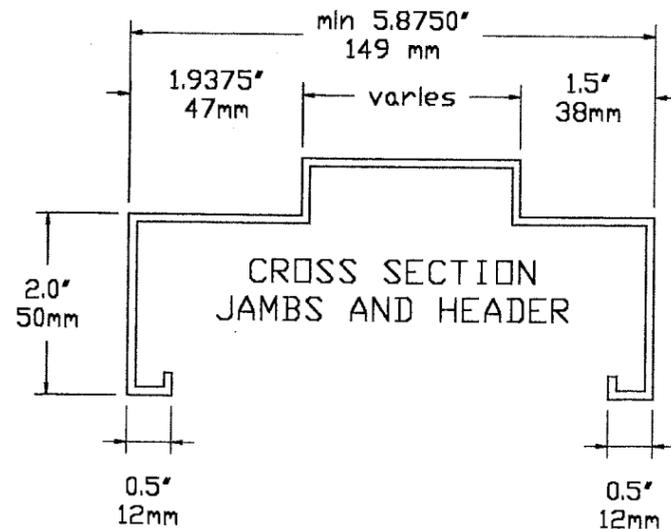
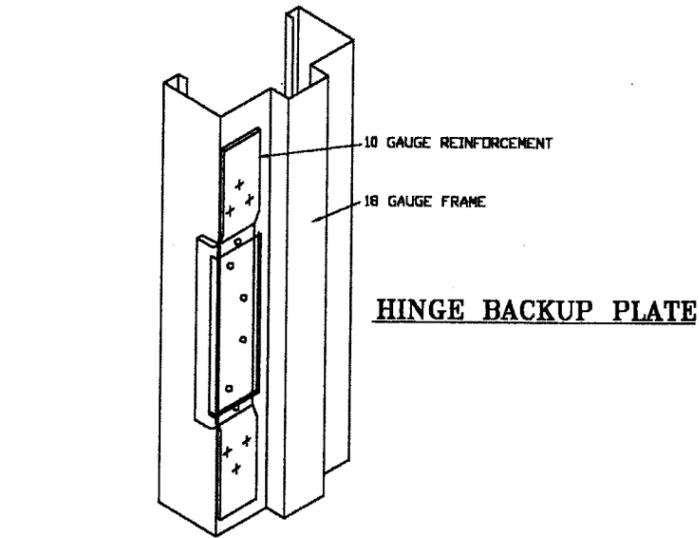
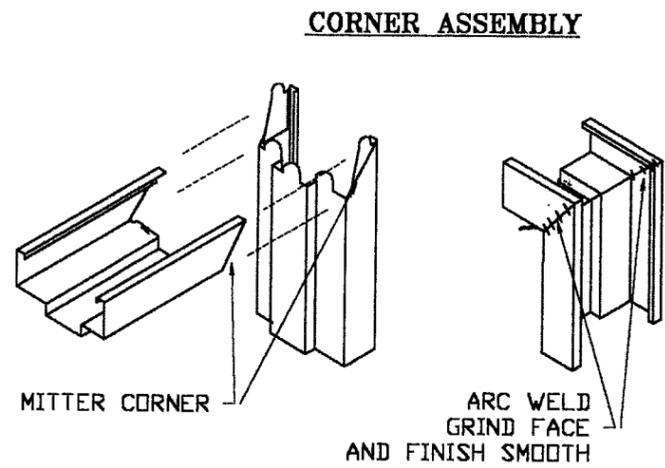


BRUNSWICK DOOR CO.

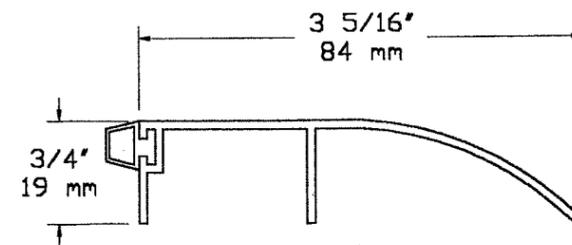
400 South Goolsby Blvd.  
Deerfield Bch. - Florida - 33443  
Tel.: 954 427-1700

Rev. #	Description	Date	Rev. #	Description	Date

Date: 8/20/99    Scale: none    Designed by: PPMF  
SHEET  
1 of 4  
Drawing Number  
107-99



PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No 07-0816.06  
Expiration Date AUG 15, 2008  
By Isaac J. Chant  
Miami Dade Product Control Division



JP  
PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No 02-0610.05  
Expiration Date August 15, 2007  
By Manuel Perez  
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE September 23, 1999  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0816.01

**EngCo, Inc.**  
Engineering Services  
CAS 0110  
9957 NW 7th St.  
Plantation - Florida - 33324  
Tel.: 954 424-4064

8/25/99  
Pedro De Figueiredo  
PE 52809

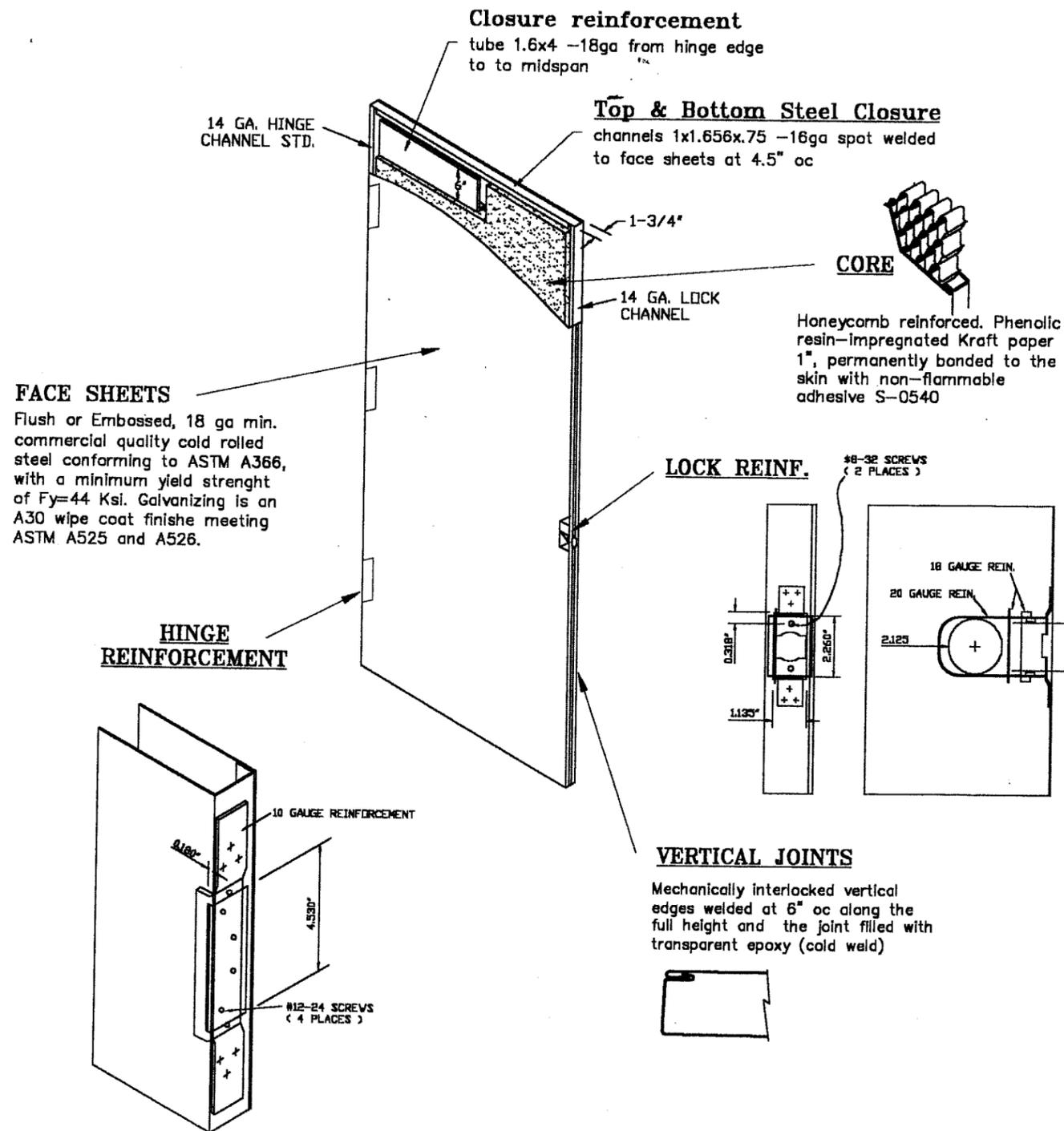
**18ga Flush Steel Door**



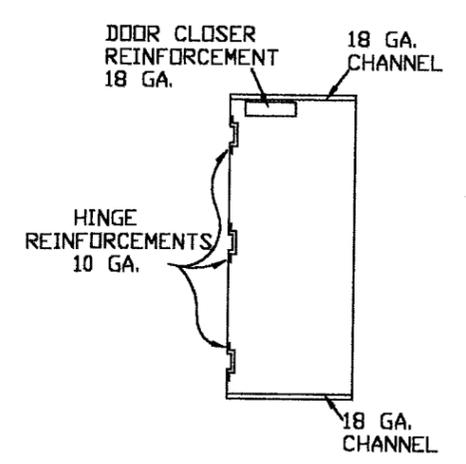
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400 South Goolsby Blvd.  
Deerfield Bch. - Florida - 33443  
Tel.: 954 427-1700

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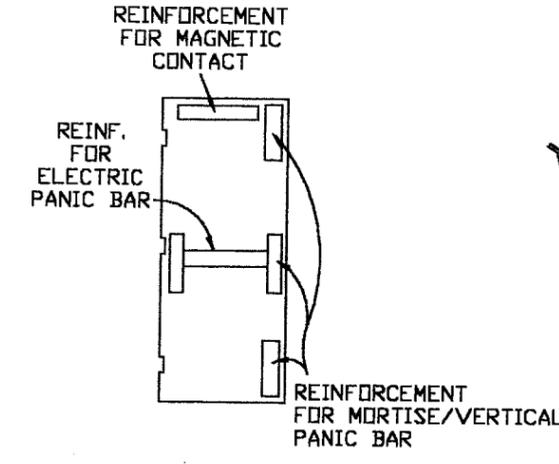
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Drawing Number  
107-99



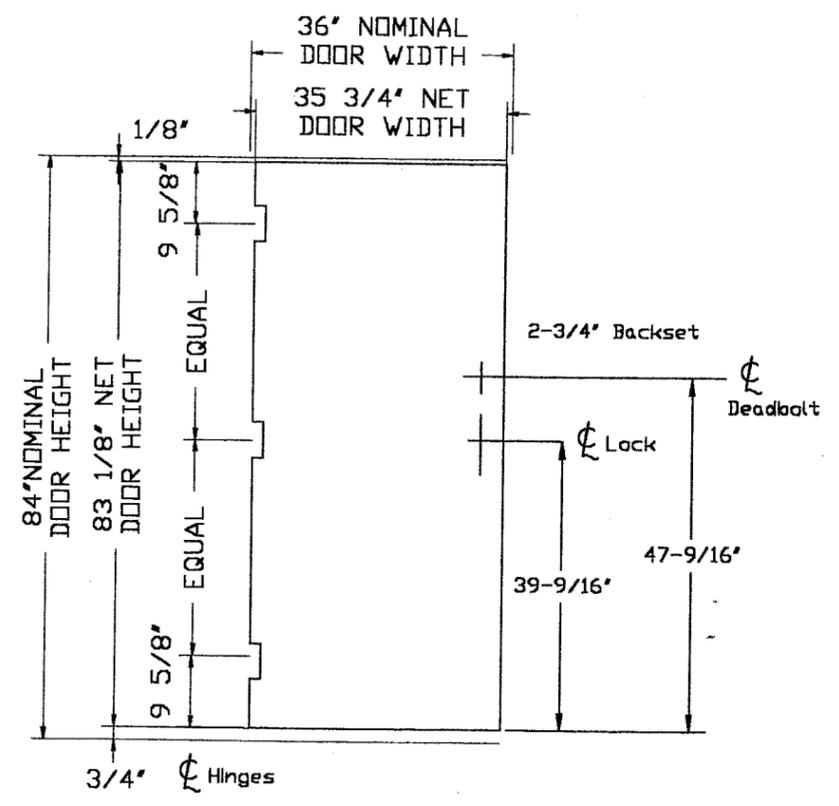
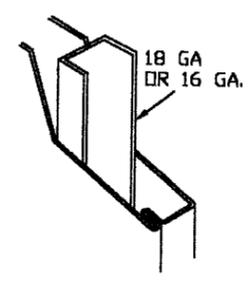
**TYPICAL REINFORCEMENTS**



**ADDITIONAL REINFORCEMENTS**



**OPTIONAL STIFFENERS**



PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No 07-0316.06  
Expiration Date AUG 15, 2008  
By Isaac J. Chanda  
Miami Dade Product Control Division

PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No 02-0610.08  
Expiration Date August 15, 2007  
By Manuel Arz  
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE September 23, 1999  
BY Manuel Arz  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0816-01

**EngCo, Inc.**  
Engineering Services  
9957 NW 7th St.  
Plantation - Florida - 33324  
Tel.: 954 424-4064

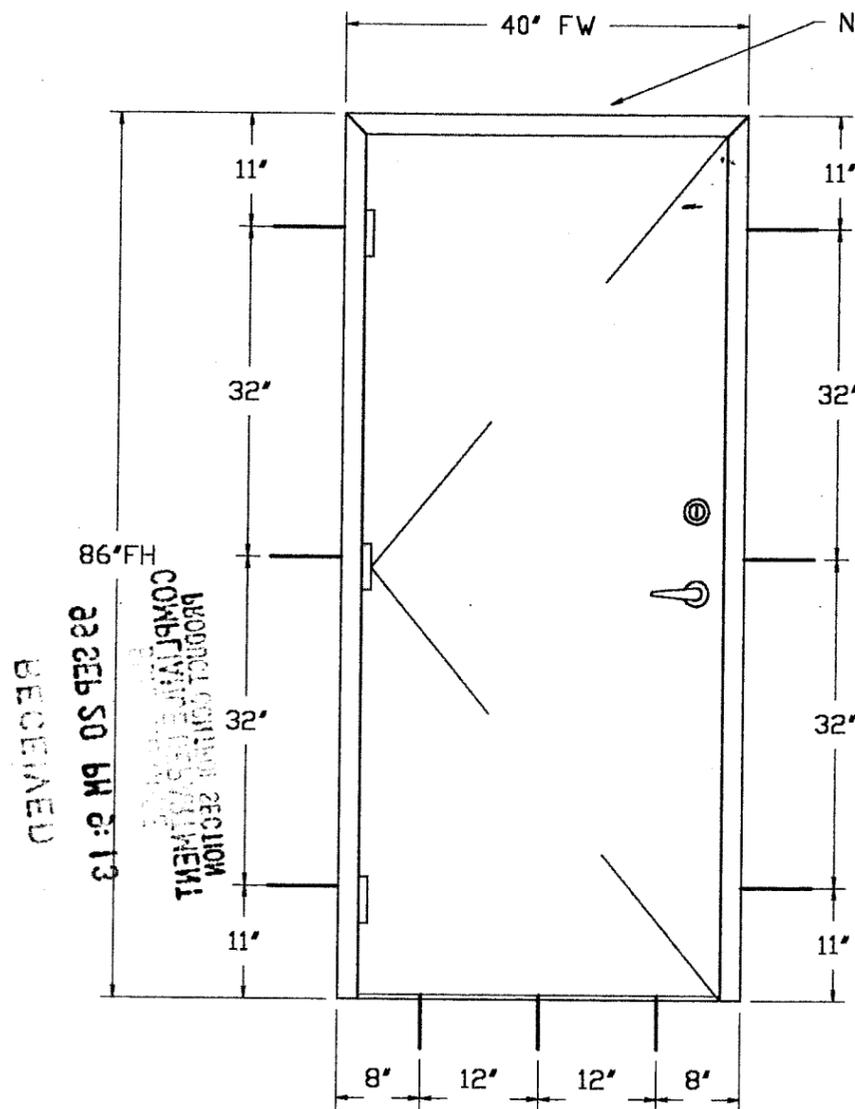
8/25/99  
Pedro De Figueiredo  
PE 62609

**18ga Flush Steel Door**

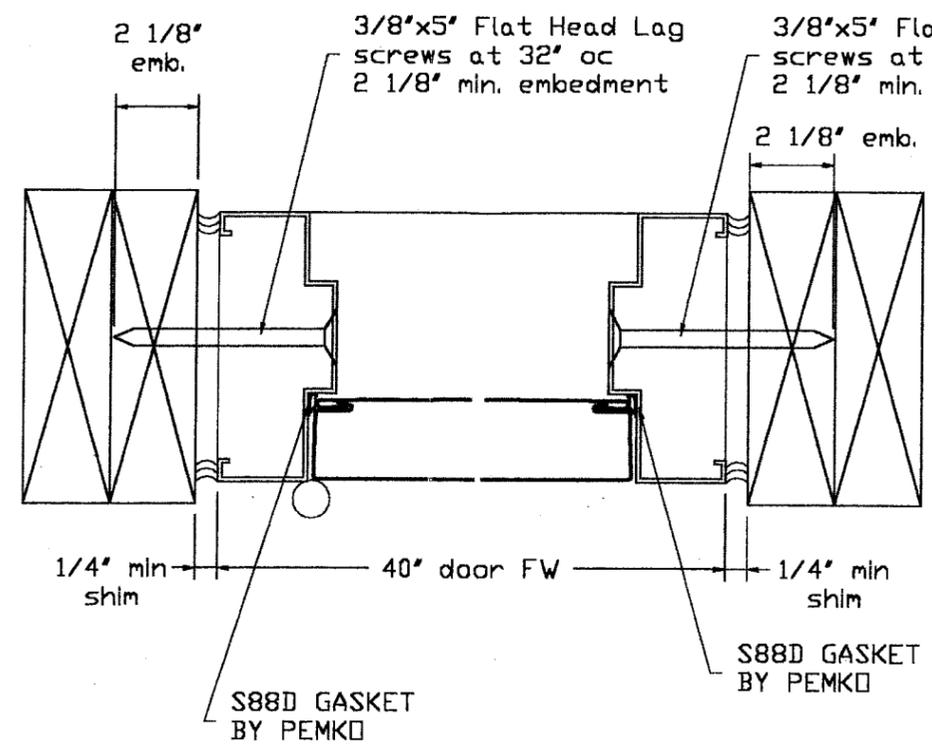
**BRUNSWICK DOOR CO.**  
400 South Goolsby Blvd.  
Deerfield Bch. - Florida - 33443  
Tel.: 954 427-1700

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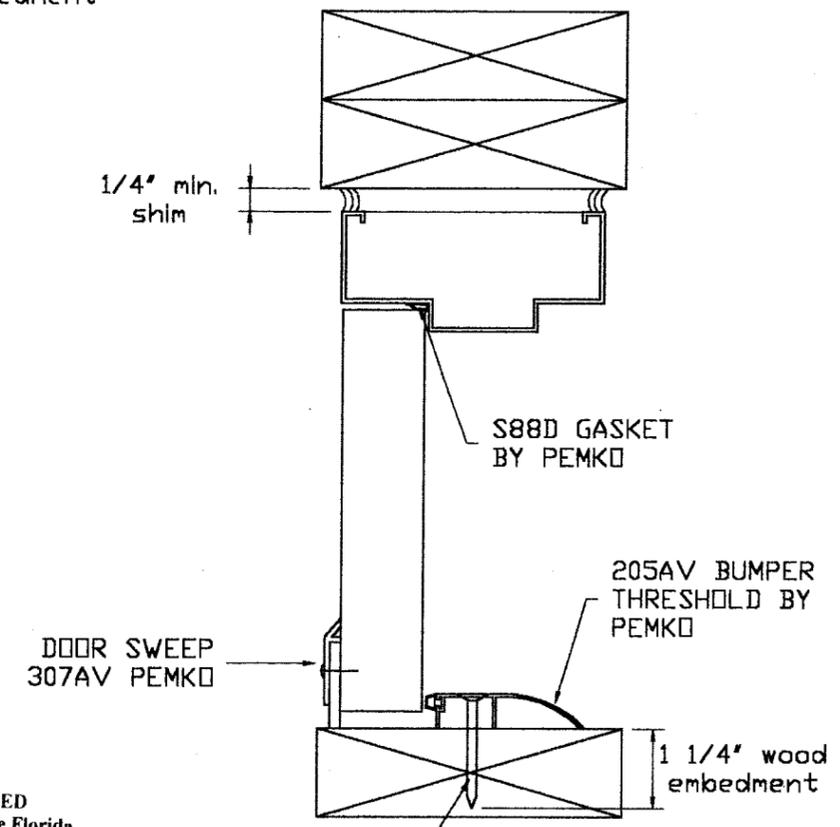
SHEET  
3 of 4  
Drawing Number  
107-99



ANCHORAGE LAY-OUT



HORIZONTAL SECTION



VERTICAL SECTION

NOTE: Attachments of sub-bucks shall be designed by the Architect of Record or Engineer of Record and must be in compliance with the South Florida Building Code

PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No. 07-0816.06  
 Expiration Date: AUG 15, 2008  
 By Ishag I. Chande #8x2" Wood Screws spaced 12" oc  
 Miami Dade Product Control Division

*PPMF*  
 PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No. 02-0610.05  
 Expiration Date: August 15, 2007  
 By Manuel Ariz  
 Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE September 30, 1999  
 BY Manuel Ariz  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 99-0816-01

**EngCo, Inc.**  
 Engineering Services  
 CA# 8116  
 9957 NW 7th St.  
 Plantation - Florida - 33324  
 Tel.: 954 424-4084

*9/10/99*  
 Pedro De Figueiredo  
 PE 62808

**18ga Flush Steel Door**

**BRUNSWICK DOOR CO.**  
 400 South Goolsby Blvd.  
 Deerfield Bch. - Florida - 33443  
 Tel.: 954 427-1700

Date: 9/7/99	Scale: none	Designed by: PPMF			
Rev. #	Description	Date	Rev. #	Description	Date
1	Add Shim	9/7/99			

SHEET  
 4 of 4  
 Drawing Number  
 107-99