



**MIAMI-DADE COUNTY**  
**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**

**NOTICE OF ACCEPTANCE (NOA)**

**Southeastern Door Company**  
**1505 Commerce Lane**  
**Jupiter, FL 33458**

**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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "Atlas Plus" Aluminum Sliding Glass Door**

**APPROVAL DOCUMENT:** Drawing No. **04-227**, titled "Atlas Plus Series Models 1200, 1200A, 3000, 3000R Aluminum Sliding Glass Door", sheets 1 through 9 of 9, prepared by EngCo, Inc., dated 10/20/04, signed and sealed by Pedro De Figueiredo, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: None**

**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 revises NOA # **04-0211.12** and, consists of this page 1 and evidence page E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



**NOA No 04-1208.03**  
**Expiration Date: March 06, 2008**  
**Approval Date: February 17, 2005**  
**Page 1**

Southeastern Door Company

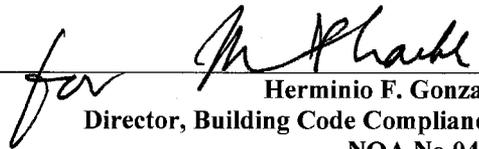
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **04-227**, titled "Atlas Plus Series Models 1200, 1200A, 3000, 3000R Aluminum Sliding Glass Door", sheets 1 through 9 of 9, prepared by EngCo, Inc., dated 10/20/04, signed and sealed by Pedro De Figueiredo, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0151-0205-02** dated 2/28/02, signed and sealed by Vinu J. Abraham, P.E.  
**"Submitted under NOA # 04-0211.12"**
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0151-0603-02, HTL-0151-0722-02, HTL-0151-1019-02**, dated 10/16/02, signed and sealed by Vinu J. Abraham, P.E.  
**"Submitted under NOA # 04-0211.12"**
3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0151-0407-02**, dated 4/23/02, signed and sealed by Vinu J. Abraham, P.E.  
**"Submitted under NOA # 04-0211.12"**
4. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0151-1014-03**, dated 10/16-30/03, signed and sealed by Vinu J. Abraham, P.E.  
**"Submitted under NOA # 04-0211.12"**

  
Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 04-1208.03

Expiration Date: March 06, 2008  
Approval Date: February 17, 2005

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

5. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0151-0914-04** dated 09/14-20/04, signed and sealed by Vinu J. Abraham, P.E.
6. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0151-0614-04**, (specimen 1 & 2), dated 06/15-17/04, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM E-1300, and structural analysis, prepared by EngCo, Inc., dated 1/23/03, signed and sealed by Pedro De Figueiredo, P.E.  
***“Submitted under NOA # 04-0211.12”***
2. Anchor Calculations, ASTM E-1300, and structural analysis, prepared by EngCo, Inc., dated 01/15/04, signed and sealed by Pedro De Figueiredo, P.E.  
***“Submitted under NOA # 04-0211.12”***
3. Anchor Calculations, ASTM E-1300, and structural analysis, prepared by EngCo, Inc., dated 10/19/04, signed and sealed by Pedro De Figueiredo, P.E.

**D. QUALITY ASSURANCE**

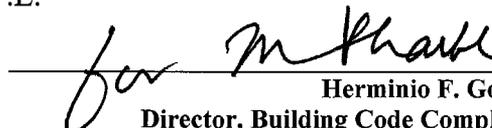
1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. None

**F. STATEMENTS**

1. Statement letter of no financial interest, dated 11/20/02, signed and sealed by Pedro De Figueiredo, P.E.  
***“Submitted under NOA # 04-0211.12”***
2. Laboratory compliance letter for Test Report no. **HTL-0151-0603-02, HTL-0151-0722-02, HTL-0151-1019-02, & HTL-0151-0205-02**, issued by Hurricane Test Laboratory, Inc., dated 10/16/02, signed and sealed by Vinu J. Abraham, P.E.  
***“Submitted under NOA # 04-0211.12”***
3. Statement letter of compliance and no financial interest, dated 12/03/04, signed and sealed by Pedro De Figueiredo, P.E.

  
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Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 04-1208.03  
Expiration Date: March 06, 2008  
Approval Date: February 17, 2005

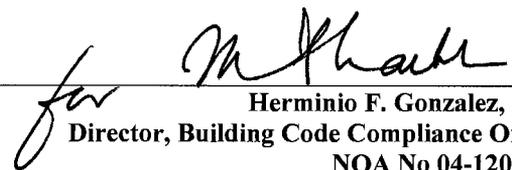
Southeastern Door Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Laboratory compliance letter for Test Report no. **HTL-0151-0914-04, HTL-0151-0614-04**, issued by Hurricane Test Laboratory, Inc., dated 08/09/04 and 09/24/04, signed and sealed by Vinu J. Abraham, P.E.

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code.
2. Notice of Acceptance No. **04-0211.12** Southeastern Door, "Atlas Plus Series Models 1200, 1200A, 3000, 3000R Aluminum Sliding Glass Door", approved on May 20, 2004 and expiring on March 06, 2008.

  
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Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 04-1208.03

Expiration Date: March 06, 2008  
Approval Date: February 17, 2005

**INDEX:**

- SHEET 1 of 9 - GENERAL NOTES AND COMPONENTS
- SHEET 2 of 9 - ELEVATION AND DESIGN RATING 1200 MODEL
- SHEET 3 of 9 - ELEVATION AND DESIGN RATING 1200A MODEL
- SHEET 4 of 9 - ELEVATION AND DESIGN RATING 3000 MODEL
- SHEET 5 of 9 - ELEVATION AND DESIGN RATING 3000R MODEL
- SHEET 6 of 9 - SECTION DETAILS
- SHEET 7 of 9 - SECTION DETAILS
- SHEET 8 of 9 - GLAZING DETAIL, BILL OF MATERIALS
- SHEET 9 of 9 - CORNER ASSEMBLY AND HARDWARE

**GENERAL NOTES:**

1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

2- DEFINITION: THIS PRODUCT IS AN ALUMINUM SLIDING GLASS DOOR NON IMPACT RESISTANT. (APPROVED HURRICANE SHUTTERS MUST BE INSTALLED IN ORDER TO COMPLY WITH IMPACT RESISTANT CRITERIA)

3- POSTING:  
 'ATLAS PLUS SERIES - NON IMPACT ALUMINUM SLIDING GLASS DOORS SOUTH EASTERN DOOR COMPANY JUPITER - FLORIDA DADE COUNTY PRODUCT CONTROL APPROVED'

4- DESIGN LOADS: THE DESIGNED LOADS MUST BE CALCULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE APPROVED PRESSURE.

5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T6 ALLOY OR AS NOTED AND GLAZING TO BE 1/4" TEMPERED GLASS AS SPECIFIED ON THIS APPROVAL.

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR QUANTITY & SPACING MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.

7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:

- 7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
- 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
- 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

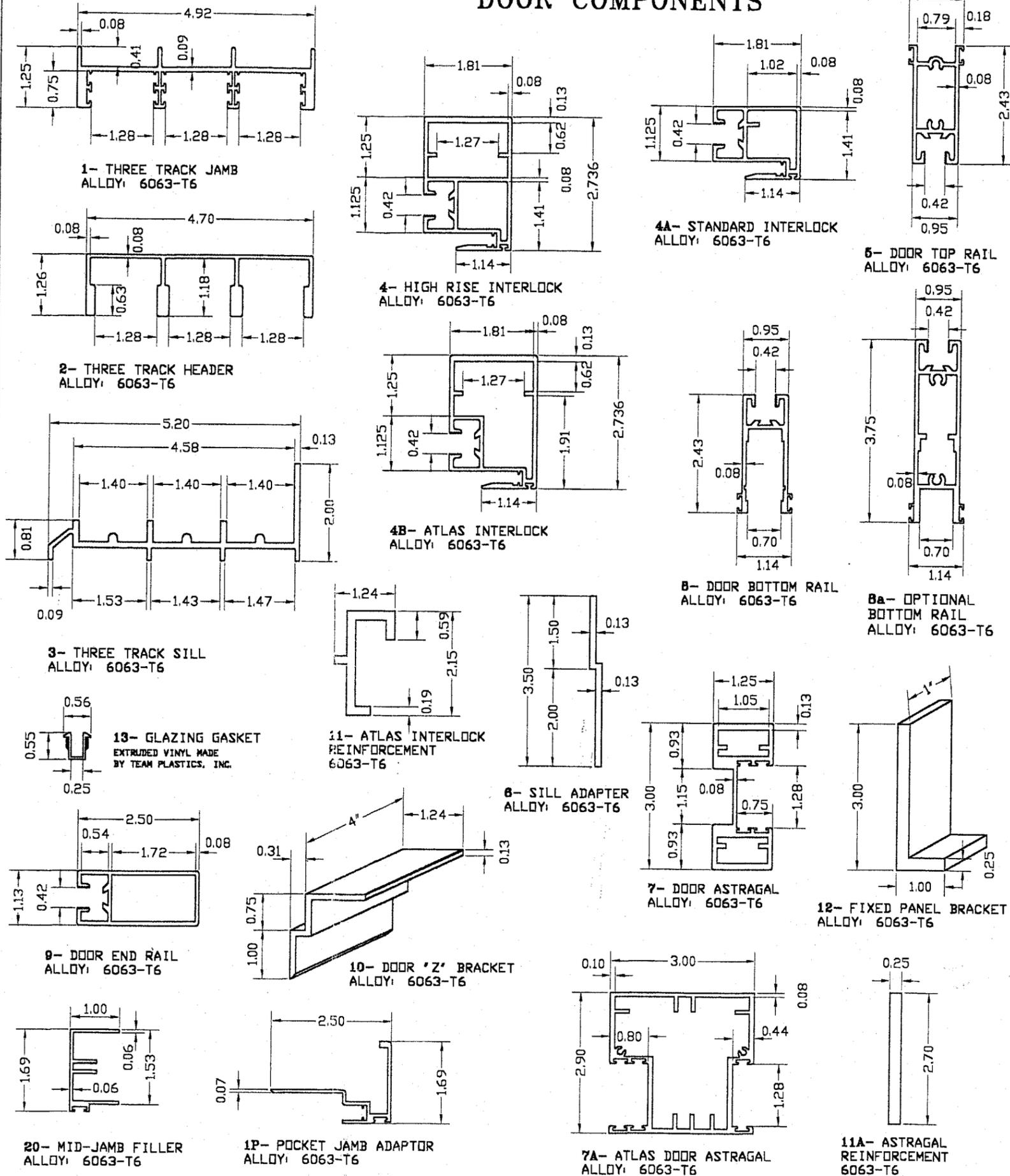
8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, HOWEVER, WOOD SCREWS WITH 1.33 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.

**DOOR ALLOWABLE DESIGNED PRESSURES**

MODEL 1200	- SHEET 2 OF 9 - TABLE 1
MODEL 1200A	- SHEET 3 OF 9 - TABLE 1A
MODEL 3000	- SHEET 4 OF 9 - TABLE 2
MODEL 3000R	- SHEET 5 OF 9 - TABLE 3

REFER EACH MODEL FOR REINFORCEMENT TYPE, ALLOWABLE DESIGNED PRESSURES AND SIZES.

**DOOR COMPONENTS**



MANUFACTURER:



1505 COMMERCE LANE,  
 P. O. BOX 794  
 JUPITER, FLORIDA  
 33458  
 PHONE: (561) 746-5493  
 FAX: (561) 575-1826

**PRODUCT: ATLAS PLUS Series**

MODELS 1200, 1200A, 3000, 3000R ALUMINUM SLIDING GLASS DOOR

Engineering: **EngCo Inc.**

CA 8116  
 6971 W. SUNRISE BLVD. 104  
 PLANTATION, FL. 33313  
 TEL: (954) 585-0304  
 FAX: (954) 585-0305

DEC 03 2004

Engineer Seal  
 Pedro De Figueredo  
 PE 52609

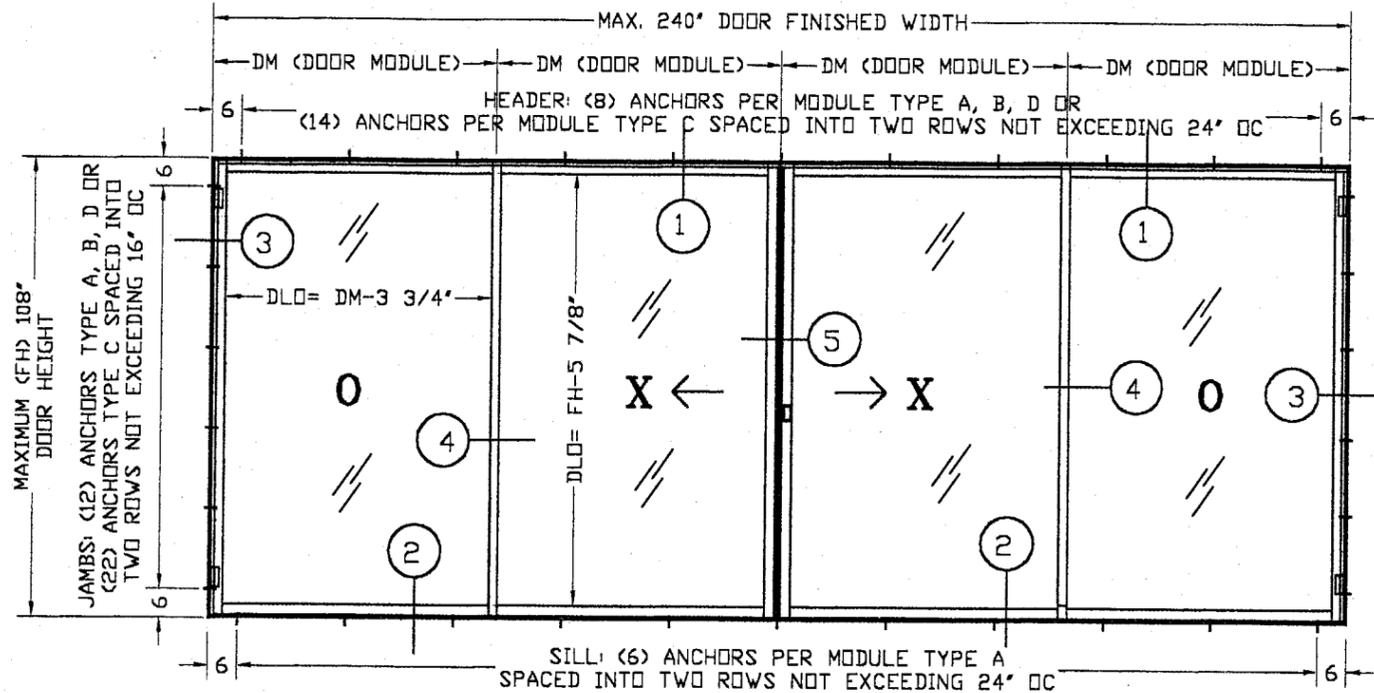
Date: 10/20/04  
 Scale: NA  
 Design by: PPMF

PRODUCT CONTROL DIVISION:  
**PRODUCT REVIEWED**  
 as complying with the Florida Building Code  
 Acceptance No 04-1208.03  
 Expiration Date 03/06/08  
 By: *M. Khari*  
 Miami Dade Product Control Division

Drawing Number  
 04-227

Sheet  
 1 of 9

# ATLAS PLUS SERIES - 1200 MODEL SLIDING GLASS DOOR

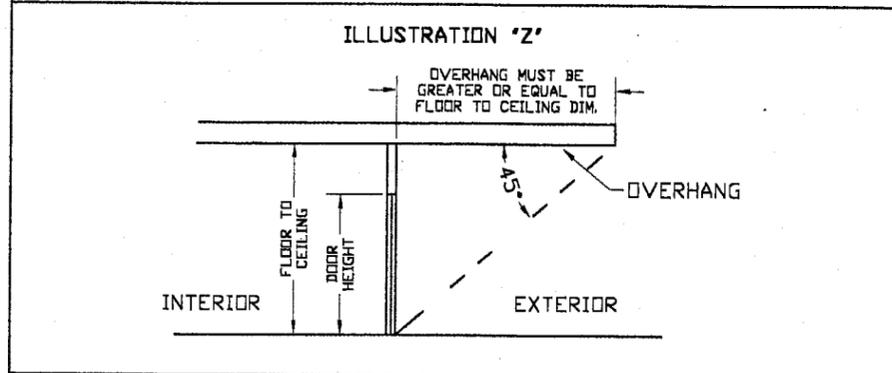


**ANCHOR TYPES:**  
 A- 1/4" TAPCON BY ELCO WITH 1 3/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 B- 1/4" TAPCON BY ELCO WITH 1 1/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 C- #10 SS WOOD SCREWS WITH 1 1/2" MIN. EMBED. INTO PT WOOD (SG>= .55)  
 D- #12-14 HWH #3 DRILFLEX BY ELCO INTO 1/8" MIN. A36 STEEL

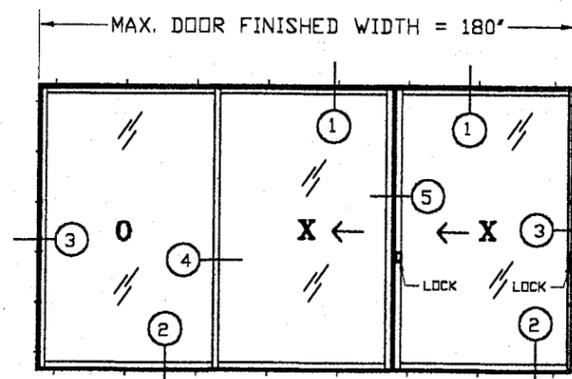
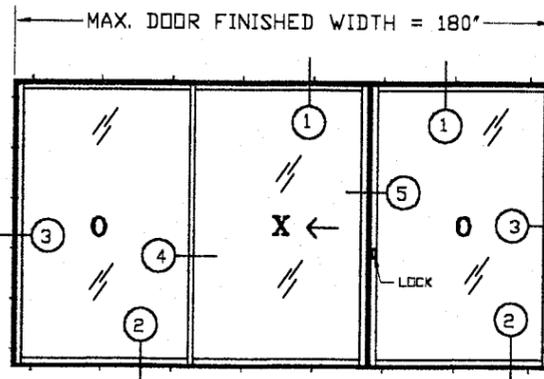
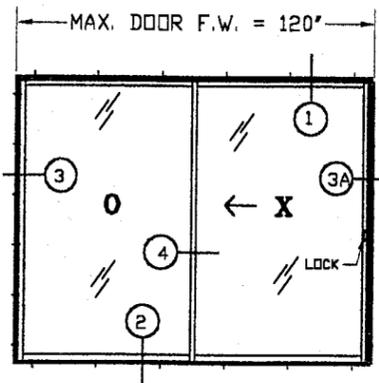
**TABLE 1 - 1200 MODEL  
 ALLOWABLE DESIGNED PRESSURES (Psf)**

FH	DOOR MODULE (INCHES)				
	36	42	48	54	60
80	-100, +50	-85, +50	-75, +50	-66, +50	-60, +50
84	-95, +50	-81, +50	-71, +50	-63, +50	-57, +50
88	-90, +50	-77, +50	-68, +50	-60, +50	-54, +50
92	-86, +50	-74, +50	-65, +50	-57, +50	-52, +50
96	-83, +50	-71, +50	-62, +50	-55, +50	-50, +50
108	-52, +50	-44, +44	-39, +39	NA	NA

**NOTES:**  
 1- FH AND DM ARE IN INCHES  
 2- DESIGNED PRESSURES ARE IN PSF  
 3- IN AREAS WHERE THE DOOR DESIGN IS NOT LIMITED BY WATER INFILTRATION, USE FOR POSITIVE THE NEGATIVE PRESSURE VALUE. SEE ILLUSTRATION 'Z'.



### ALTERNATE CONFIGURATIONS



MANUFACTURER:



1505 COMMERCE LANE,  
 P. O. BOX 794  
 JUPITER, FLORIDA  
 33458  
 PHONE: (561) 746-5493  
 FAX: (561) 575-1826

**PRODUCT:**  
**ATLAS PLUS  
 Series**

MODELS 1200, 1200A,  
 3000, 3000R ALUMINUM  
 SLIDING GLASS DOOR

Engineering:  
**EngCo Inc.**

CA 8116  
 6971 W. SUNRISE BLVD. 104  
 PLANTATION, FL. 33313  
 TEL.: (954) 585-0304  
 FAX.: (954) 585-0305

DEC 03 2004

Engineer Seal  
 Pedro De Figueredo  
 PE 52609

Date: 10/20/04  
 Scale: NA  
 Design by: PPMF

PRODUCT CONTROL DIVISION:  
**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 04-1208.03  
 Expiration Date 03/06/08  
 By: *M. Thark*  
 Miami Dade Product Control  
 Division

Drawing Number  
 04-227

Sheet  
 2 of 9

# ATLAS PLUS SERIES - 1200A MULTI-PANEL POCKET MODEL SLIDING GLASS DOOR

MANUFACTURER:  
**SE SOUTH EASTERN**  
 DOOR COMPANY  
Manufacturers of Standard and Custom Sliding Doors

1505 COMMERCE LANE,  
 P. O. BOX 794  
 JUPITER, FLORIDA  
 33458  
 PHONE: (561) 746-5493  
 FAX: (561) 575-1826

PRODUCT:  
**ATLAS PLUS**  
 Series

MODELS 1200, 1200A,  
 3000, 3000R ALUMINUM  
 SLIDING GLASS DOOR

Engineering:  
**EngCo Inc.**

CA 8116  
 6971 W. SUNRISE BLVD. 104  
 PLANTATION, FL. 33313  
 TEL: (954) 585-0304  
 FAX: (954) 585-0305

*[Signature]*  
 DEC 013 2004

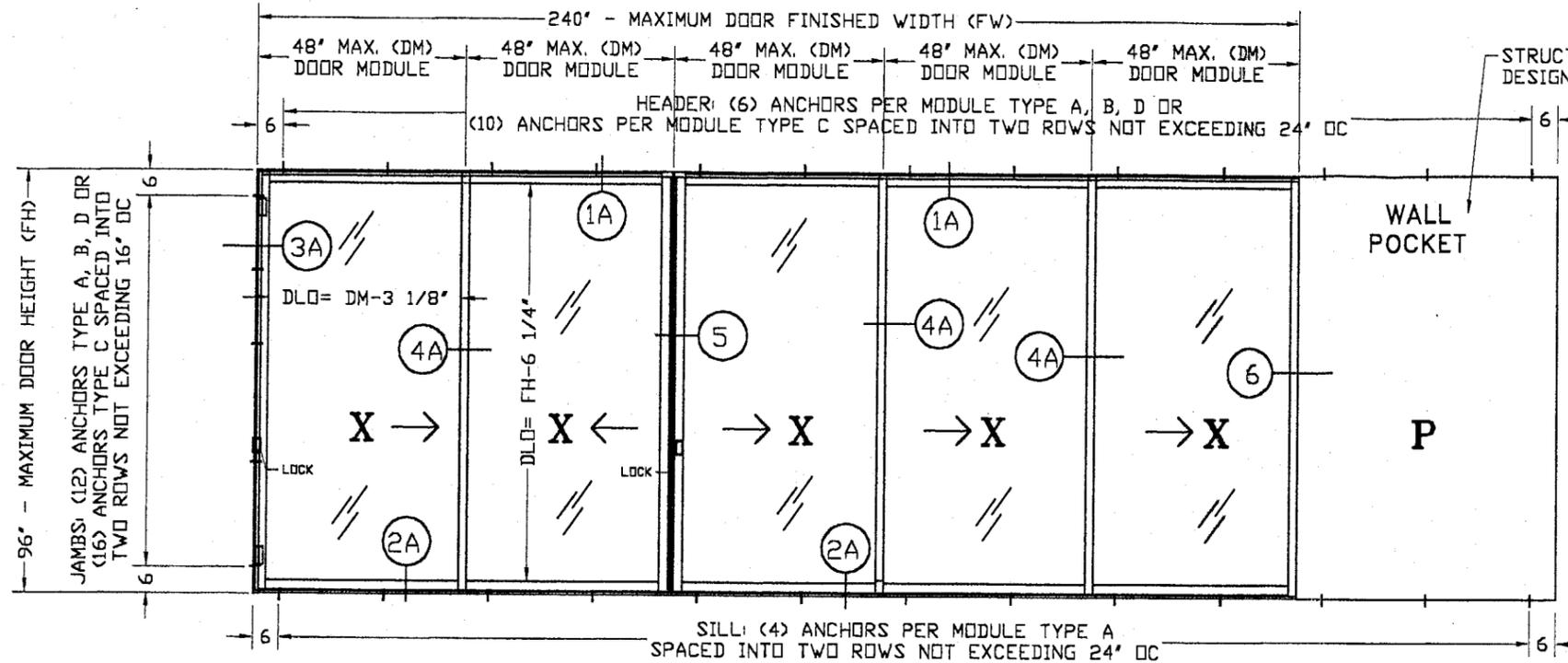
Engineer Seal  
 Pedro De Figueiredo  
 PE 52609

Date: 10/20/04  
 Scale: NA  
 Design by: PPMF

PRODUCT CONTROL DIVISION:  
 as complying with the Florida  
 Building Code  
 Acceptance No. 04-1208.03  
 Expiration Date 03/02/08  
 By: *[Signature]*  
 Miami Dade Product Control  
 Division

Drawing Number  
 04-227

Sheet  
 3 of 9

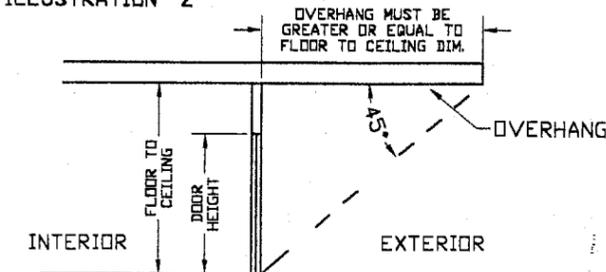


**TABLE 1A - 1200A MODEL  
 ALLOWABLE DESIGNED PRESSURES (Psf)**

FH	DOOR MODULE (INCHES)		
	36	42	48
80	-80, +60*	-67, +60*	-50, +50*
84	-75, +60*	-65, +60*	-50, +50*
88	-70, +60*	-62, +60*	-50, +50*
92	-66, +60*	-59, +59*	-50, +50*
96	-63, +60*	-55, +55*	-50, +50*

NOTES:  
 1- FH AND DM ARE IN INCHES  
 2- DESIGNED PRESSURES ARE IN PSF  
 3- IN AREAS WHERE THE DOOR DESIGN IS NOT LIMITED BY WATER INFILTRATION, USE FOR POSITIVE THE NEGATIVE PRESSURE VALUE. SEE ILLUSTRATION 'Z'. (SILL ADAPTER IS NOT REQUIRED)  
 4- (\*) SILL ADAPTOR NOT REQUIRED FOR PRESSURES LESS OR EQUAL TO +40 PSF.

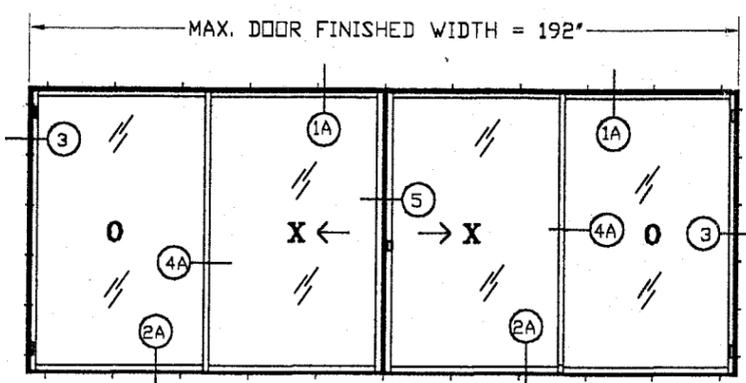
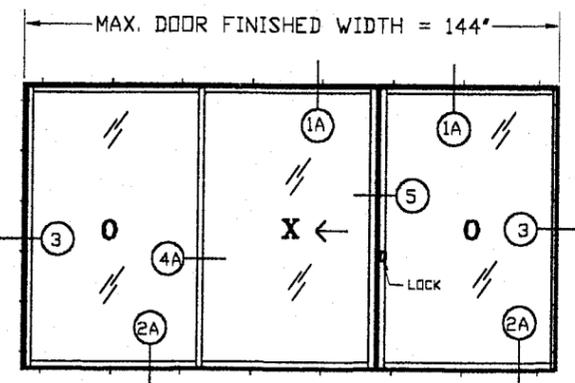
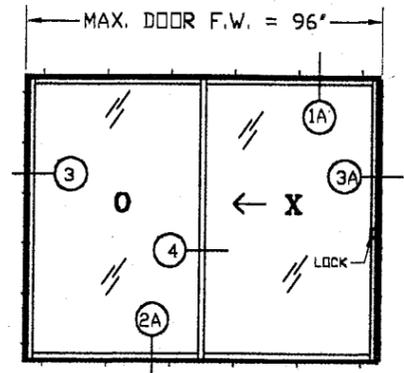
ILLUSTRATION 'Z'



**ANCHOR TYPES:**  
 A- 1/4" TAPCON BY ELCO WITH 1 3/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 B- 1/4" TAPCON BY ELCO WITH 1 1/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 C- #10 SS WOOD SCREWS WITH 1 1/2" MIN. EMBED. INTO PT WOOD (SG)=.55)  
 D- #12-14 HWH #3 DRIFLEX BY ELCO INTO 1/8" MIN. A36 STEEL

**ALTERNATE CONFIGURATIONS**

NOT SHOWN ALTERNATE CONFIGURATIONS  
 2 PANELS - XX OXP XXP PXXP - FW<=96"  
 3 PANELS - XXX OXX XXXP OXXP PXXXP - FW<=144"  
 4 PANELS - XXXO OXXO XXXXP OXXXP PXXXXP - FW<=192"  
 5 PANELS - XXXXX OXXXX OXXXXP PXXXXXP - FW<= 240"  
 6 PANELS - XXXXXX OXXXXO - FW<= 240"



# ATLAS PLUS SERIES - 3000 MODEL SLIDING GLASS DOOR

MANUFACTURER:



1505 COMMERCE LANE,  
P. O. BOX 794  
JUPITER, FLORIDA  
33458  
PHONE: (561) 746-5493  
FAX: (561) 575-1826

PRODUCT:  
**ATLAS PLUS Series**

MODELS 1200, 1200A,  
3000, 3000R ALUMINUM  
SLIDING GLASS DOOR

Engineering:  
**EngCo Inc.**

CA 8116  
6971 W. SUNRISE BLVD. 104  
PLANTATION, FL. 33313  
TEL: (954) 585-0304  
FAX: (954) 585-0305

*[Signature]*  
DEC 03 2004

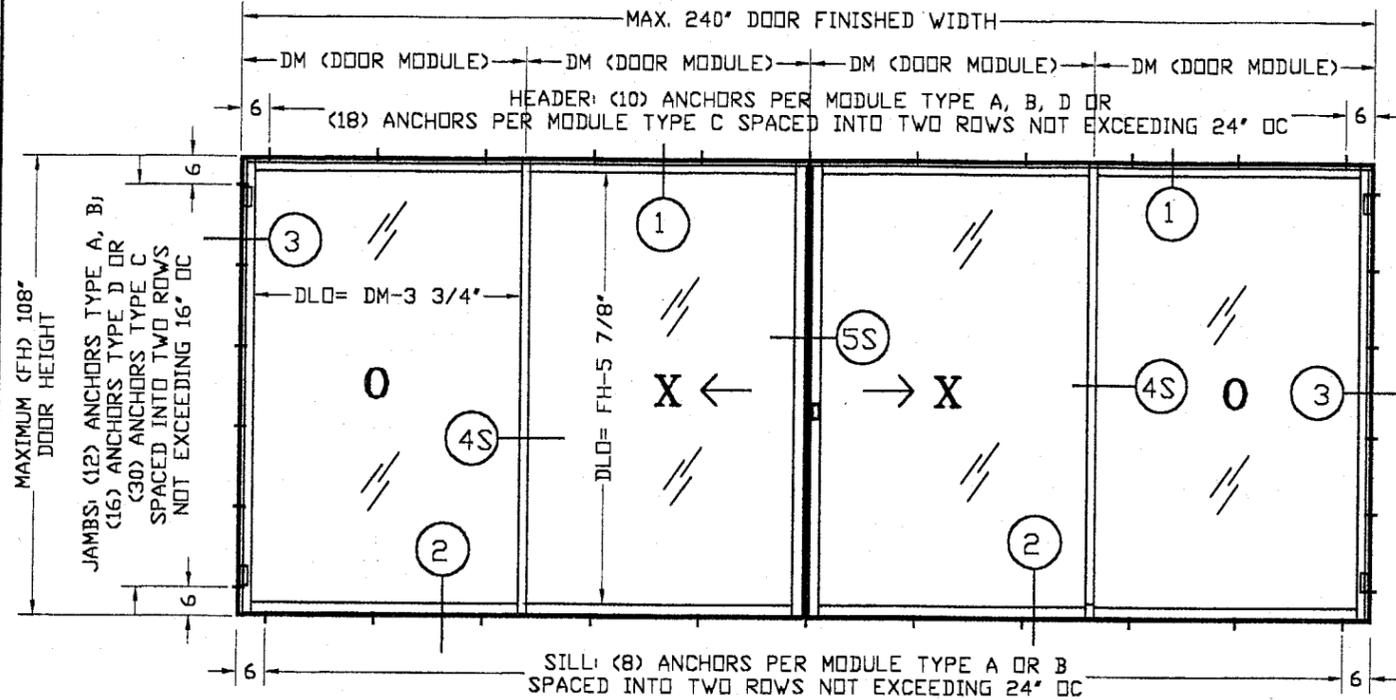
Engineer Seal  
Pedro De Figueiredo  
PE 52609

Date: 10/20/04  
Scale: NA  
Design by: PPMF

PRODUCT CONTROL DIVISION:  
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 04-1208.03  
Expiration Date 03/06/08  
By: *[Signature]*  
Miami Dade Product Control  
Division

Drawing Number  
**04-227**

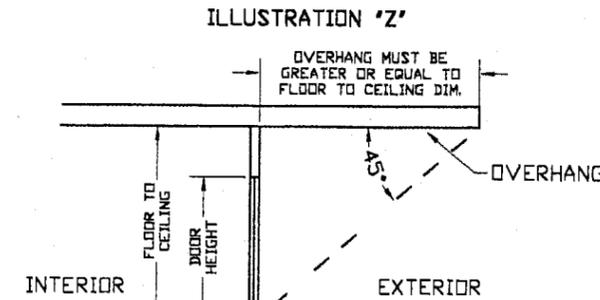
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4 of 9



**TABLE 2- 3000 MODEL  
ALLOWABLE DESIGNED PRESSURES (Psf)**

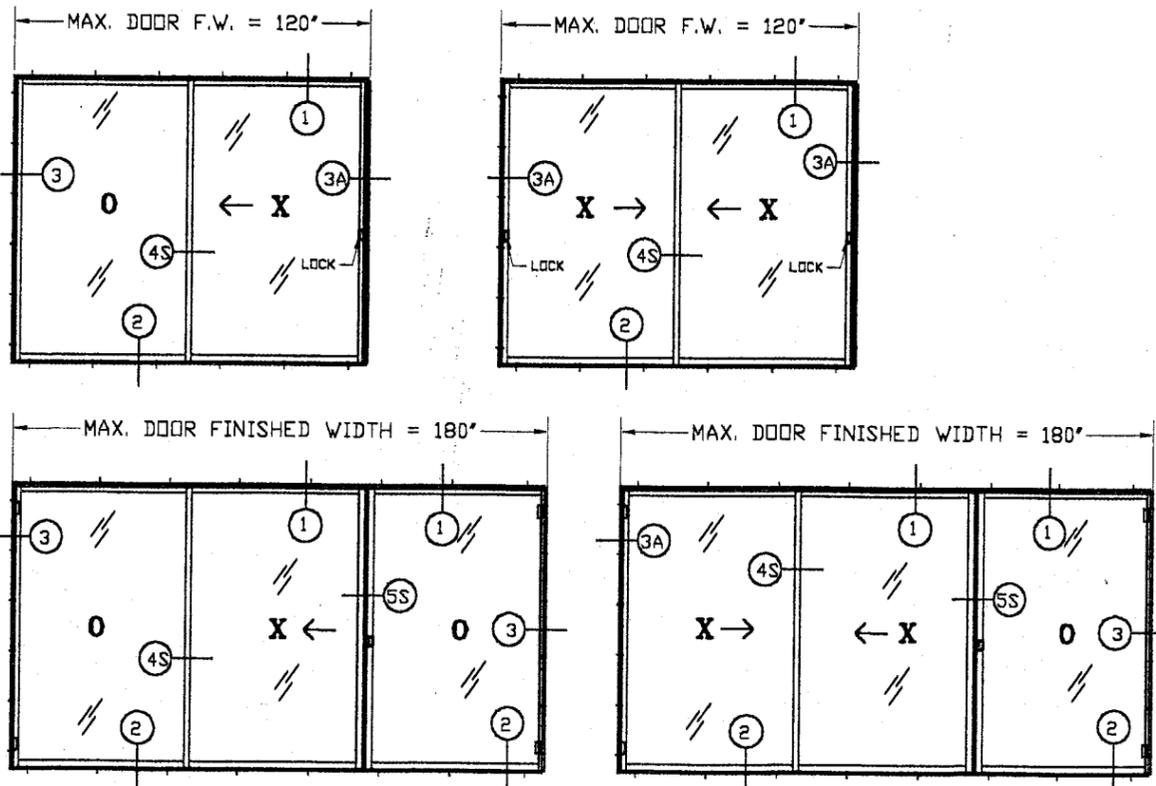
FH	DOOR MODULE (INCHES)				
	36	42	48	54	60
80	-135, +50/70	-116, +50/70	-101, +50/70	-90, +50/70	-81, +50/70
84	-129, +50/70	-110, +50/70	-96, +50/70	-86, +50/70	-77, +50/70
88	-123, +50/70	-105, +50/70	-92, +50/70	-82, +50/70	-74, +50/70
92	-117, +50/70	-101, +50/70	-88, +50/70	-78, +50/70	-70, +50/70
96	-113, +50/70	-96, +50/70	-84, +50/70	-75, +50/70	-68, +50/68
108	-100, +50/70	-84, +50/70	-72, +50/70	-67, +50/67	-60, +50/60

NOTES:  
1- FH AND DM ARE IN INCHES  
2- DESIGNED PRESSURES ARE IN PSF  
3- THE HIGHER POSITIVE PRESSURE ARE FOR DOORS WITH THE SILL ADAPTOR PART #6 (DETAIL 2).  
4- IN AREAS WHERE THE DOOR DESIGN IS NOT LIMITED BY WATER INFILTRATION, USE FOR POSITIVE THE NEGATIVE PRESSURE VALUE. SEE ILLUSTRATION 'Z'



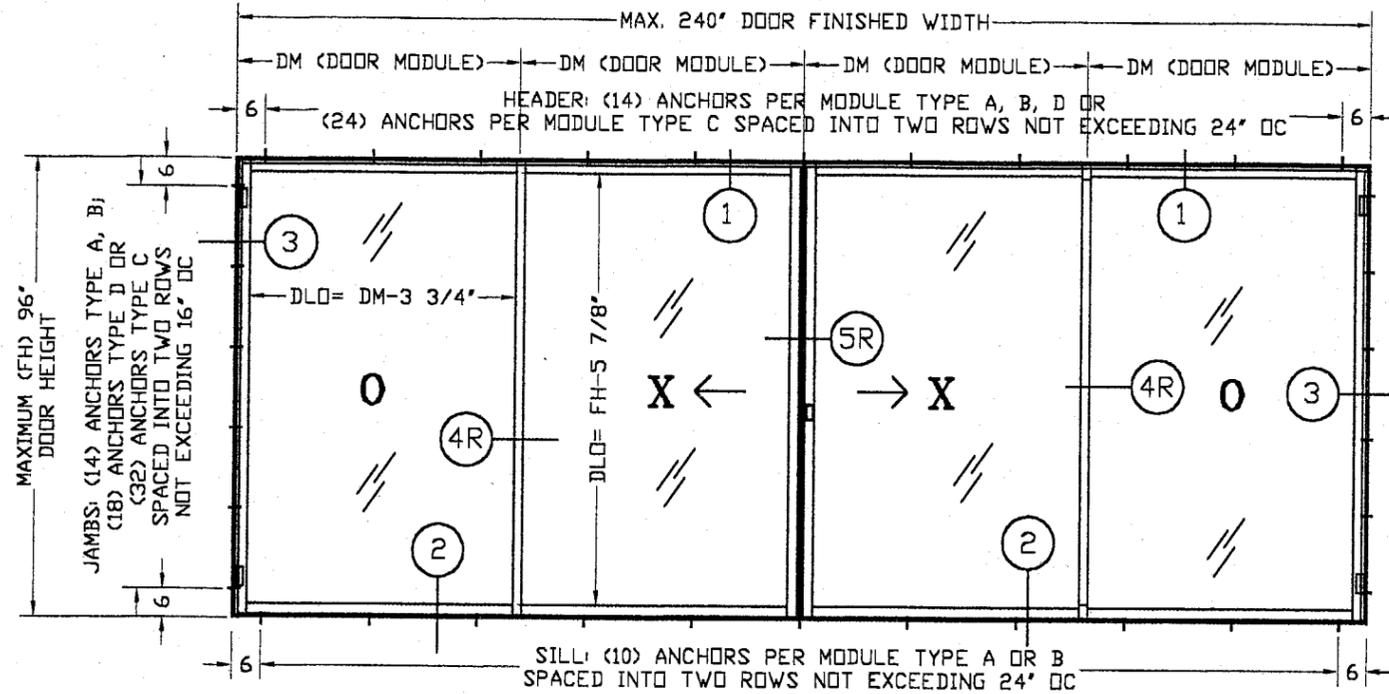
ANCHOR TYPES:  
A- 1/4" TAPCON BY ELCO WITH 1 3/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
B- 1/4" TAPCON BY ELCO WITH 1 1/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
C- #10 SS WOOD SCREWS WITH 1 1/2" MIN. EMBED. INTO PT WOOD (SG)=, 55)  
D- #12-14 HWH #3 DRILFLEX BY ELCO INTO 1/8" MIN. A36 STEEL

**ALTERNATE CONFIGURATIONS**



NOT SHOWN ALTERNATE CONFIGURATIONS  
3 PANELS - XXX - FW<=180"  
4 PANELS - XXXX, XXXX - FW<=240"  
5 PANELS - XXXXX OXXXX - FW<= 240"  
6 PANELS - XXXXXX OXXXXO - FW<= 240"

# ATLAS PLUS SERIES - 3000R WITH REINFORCEMENT MODEL SLIDING GLASS DOOR

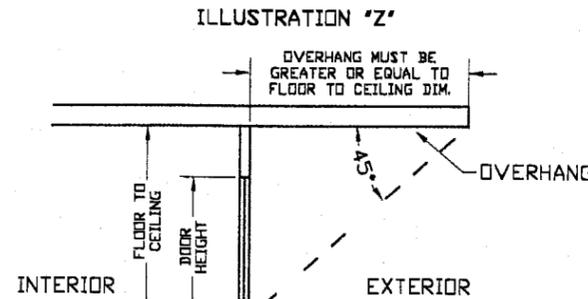


**ANCHOR TYPES:**  
 A- 1/4" TAPCON BY ELCO WITH 1 3/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 B- 1/4" TAPCON BY ELCO WITH 1 1/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 C- #10 SS WOOD SCREWS WITH 1 1/2" MIN. EMBED. INTO PT WOOD (SG)=.55)  
 D- #12-14 HWH #3 DRILFLEX BY ELCO INTO 1/8" MIN. A36 STEEL

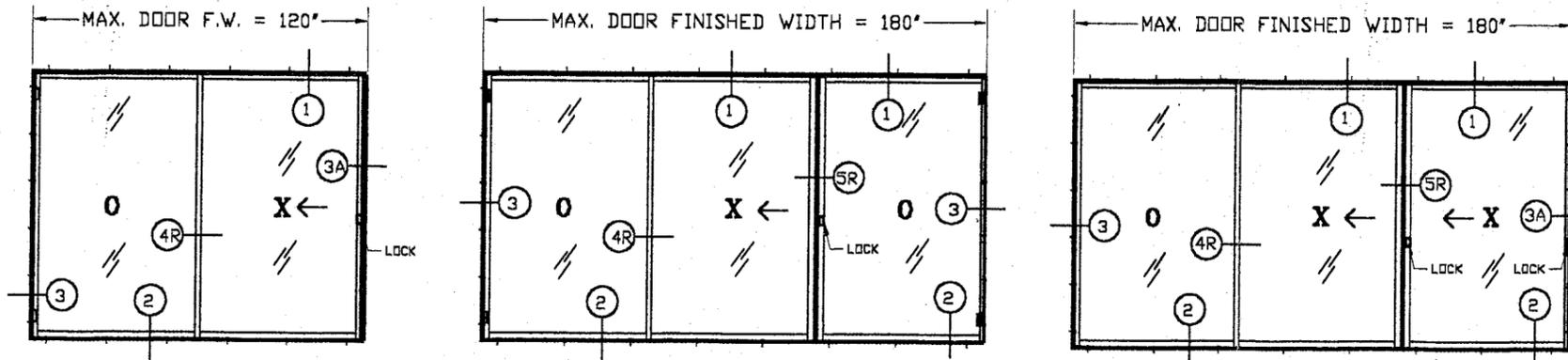
**TABLE 3 - 3000R MODEL  
 ALLOWABLE DESIGNED PRESSURES (P<sub>sf</sub>)**

FH	DOOR MODULE (INCHES)				
	36	42	48	54	60
80	-158, +50/90	-135, +50/90	-125, +50/90	-113, +50/90	-90, +50/90
84	-144, +50/90	-125, +50/90	-118, +50/90	-113, +50/90	-90, +50/90
88	-136, +50/90	-115, +50/90	-107, +50/90	-107, +50/90	-90, +50/90
92	-129, +50/90	-107, +50/90	-97, +50/90	-97, +50/90	-90, +50/90
96	-123, +50/90	-100, +50/90	-90, +50/90	-90, +50/90	-90, +50/90

**NOTES:**  
 1- FH AND DM ARE IN INCHES  
 2- DESIGNED PRESSURES ARE IN PSF  
 3- THE HIGHER POSITIVE PRESSURE ARE FOR DOORS WITH THE SILL ADAPTOR PART #6 (DETAIL 2).  
 4- IN AREAS WHERE THE DOOR DESIGN IS NOT LIMITED BY WATER INFILTRATION, USE FOR POSITIVE THE NEGATIVE PRESSURE VALUE. SEE ILLUSTRATION 'Z'



**ALTERNATE CONFIGURATIONS**



**ALTERNATE CONFIGURATIONS**

**NOT SHOWN ALTERNATE CONFIGURATIONS**  
 2 PANELS - XX - FW<=120'  
 3 PANELS - XXX XX0 - FW<=180'  
 4 PANELS - XXX0 XXXX - FW<=240'  
 5 PANELS - XXXXX 0XXXX - FW<= 240'  
 6 PANELS - XXXXXX 0XXXX0 - FW<= 240'

MANUFACTURER:



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 FAX: (561) 575-1826

PRODUCT:  
**ATLAS PLUS  
 Series**

MODELS 1200, 1200A,  
 3000, 3000R ALUMINUM  
 SLIDING GLASS DOOR

Engineering:  
**EngCo Inc.**

CA 8116  
 6971 W. SUNRISE BLVD. 104  
 PLANTATION, FL. 33313  
 TEL: (954) 585-0304  
 FAX: (954) 585-0305

DEC 03 2004

Engineer Seal  
 Pedro De Figueredo  
 PE 52609

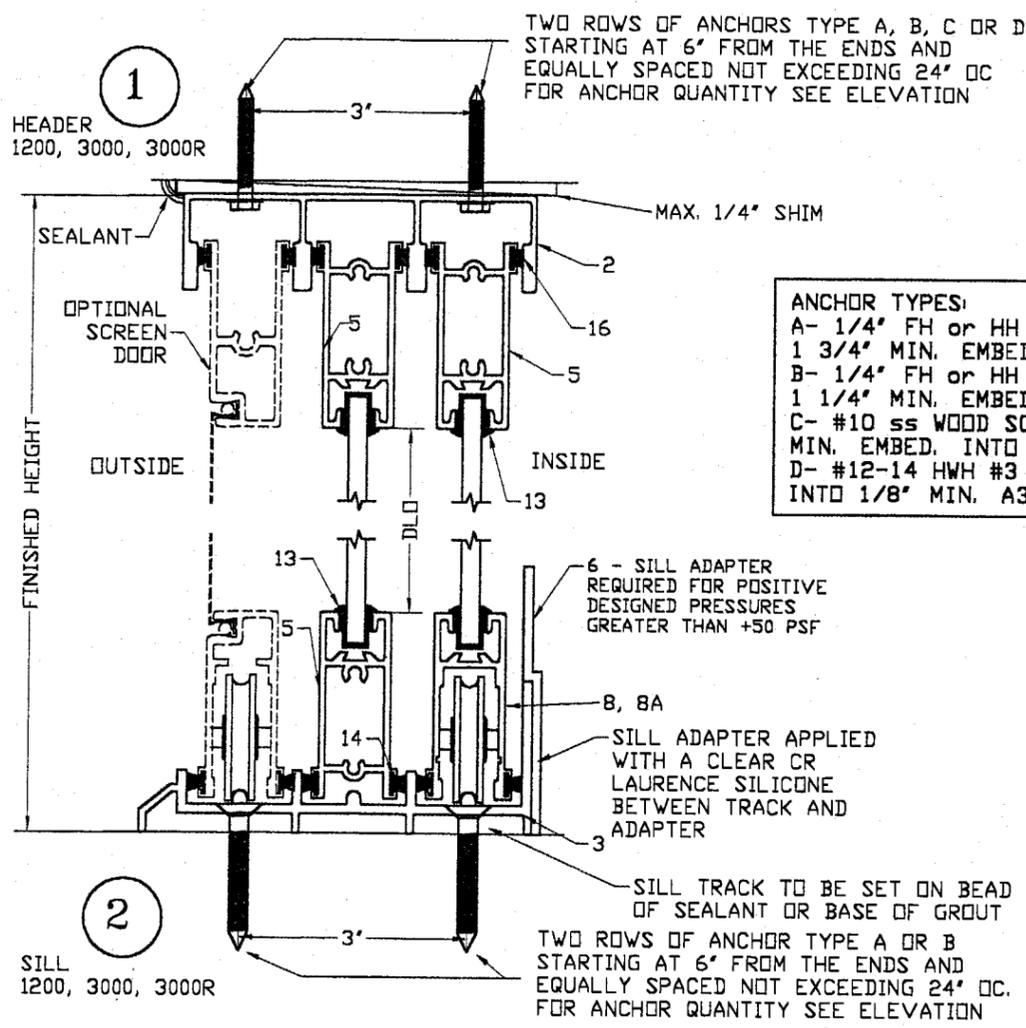
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 Scale: NA  
 Design by: PPMF

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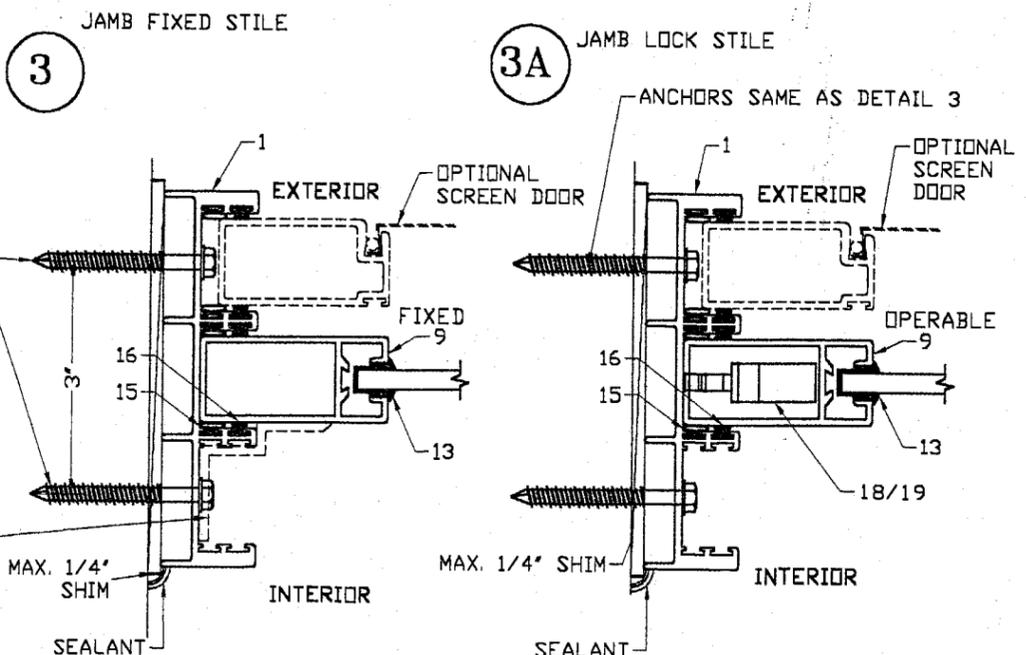
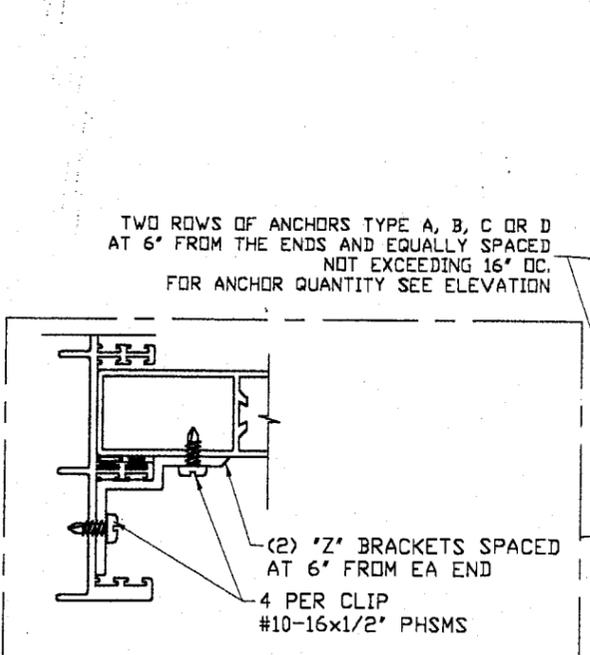
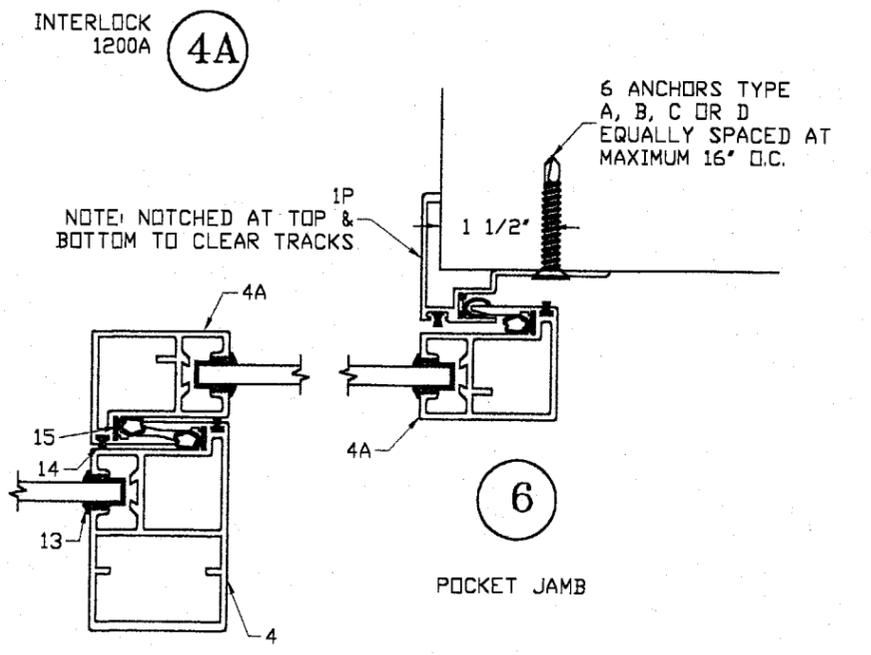
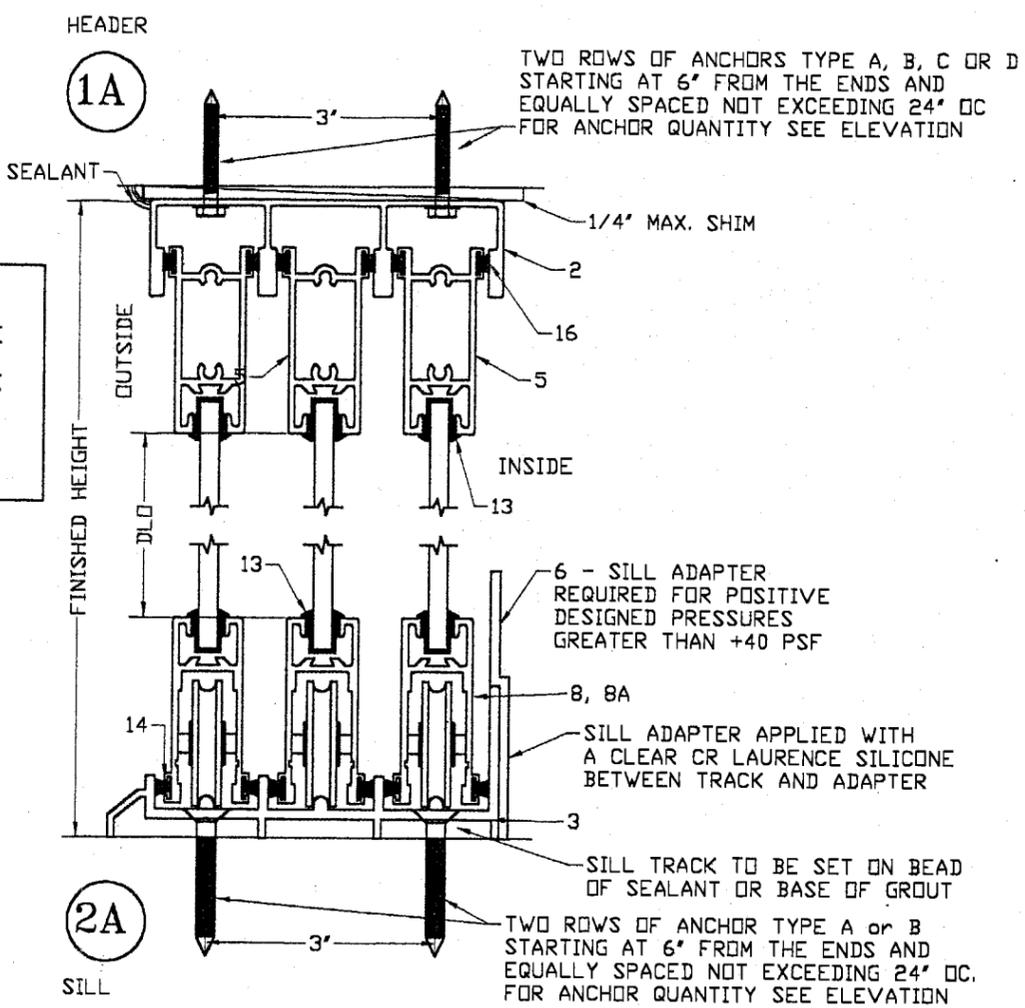
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 Miami Dade Product Control  
 Division

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**ANCHOR TYPES:**  
 A- 1/4" FH or HH TAPCON BY ELCO WITH 1 3/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 B- 1/4" FH or HH TAPCON BY ELCO WITH 1 1/4" MIN. EMBED. INTO 3350 PSI CONCRETE  
 C- #10 ss WOOD SCREWS WITH 1 1/2" MIN. EMBED. INTO PT WOOD (SG) = .55  
 D- #12-14 HWH #3 DRILFLEX BY ELCO INTO 1/8" MIN. A36 STEEL



MANUFACTURER:  
**SE SOUTH EASTERN**  
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*Manufacturers of Standard and Custom Sliding Doors*

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 PLANTATION, FL. 33313  
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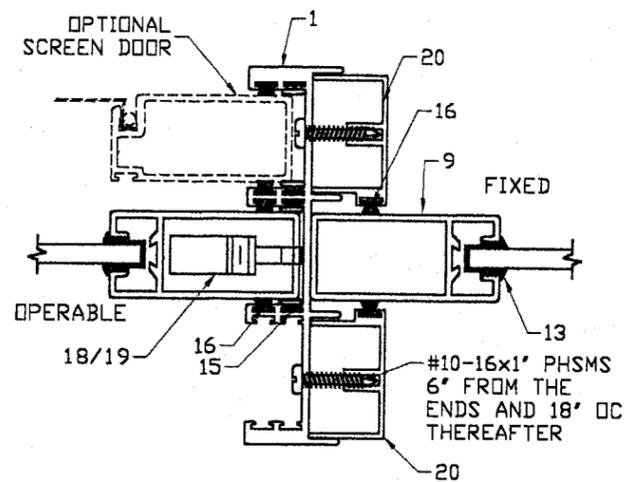
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 DEC 03 2004  
 Engineer Seal  
 Pedro De Figueredo  
 PE 52609

Date: 10/20/04  
 Scale: NA  
 Design by: PPMF

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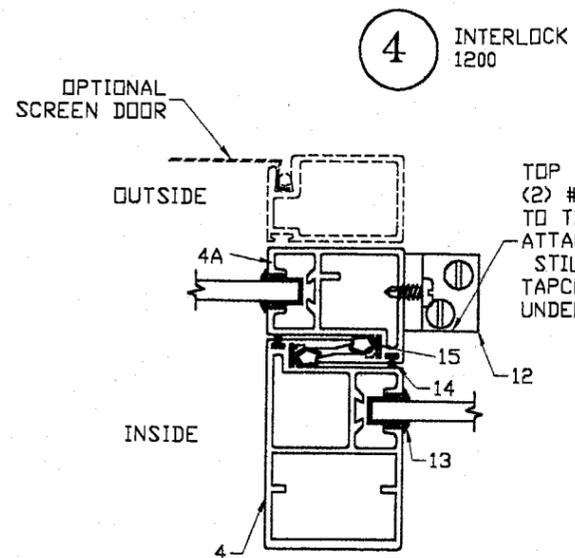
Drawing Number  
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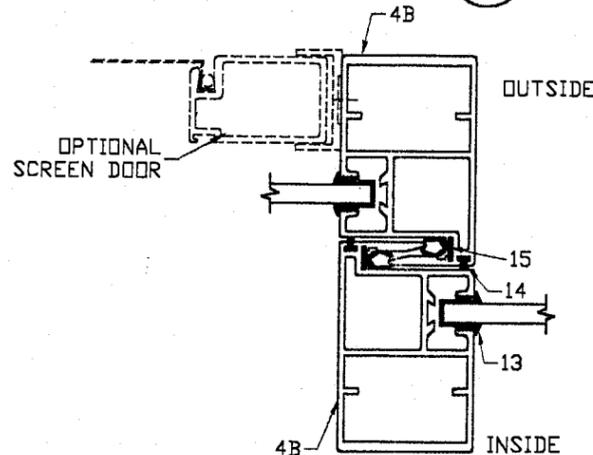


**5x** OPTIONAL MID-JAMB

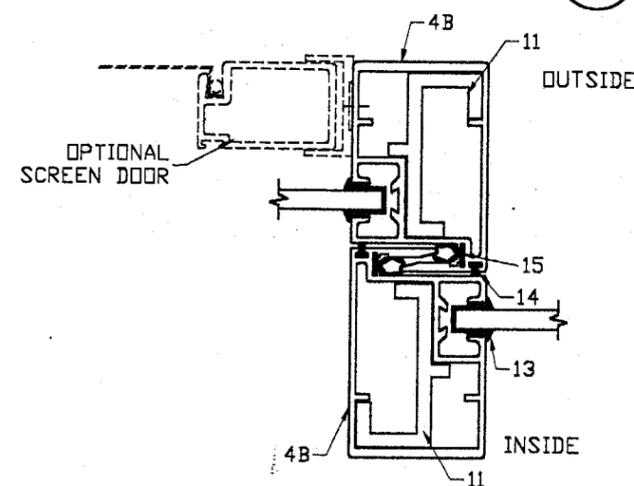
DETAIL 5x - MID-JAMB NOTES:  
 1- APPLICABLE ONLY FOR 3000 & 3000R TYPE DOOR  
 2- THIS JAMB IS NOTCHED AT BOTH ENDS AND INSERTED BETWEEN THE HEADER AND SILL TRACKS, AND IS MECHANICALLY ATTACHED TO EITHER END WITH (2) 1/8-1X1X1 CLIP ANGLES. CLIP ANGLES IS INSTALLED TO JAMB, SILL AND HEADER WITH (2) #10X1 SMS ON EACH CLIP LEG.



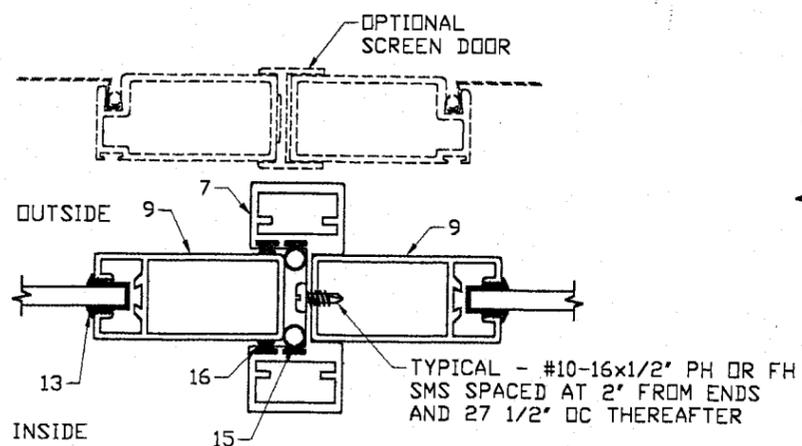
**4S** INTERLOCK 3000



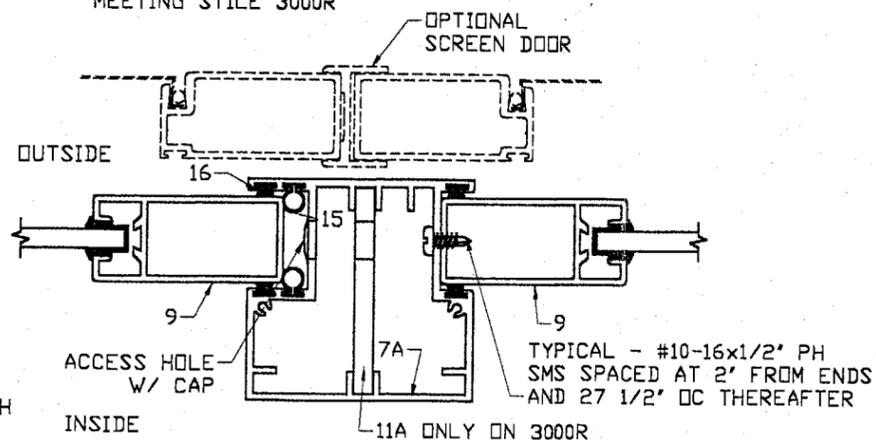
**4R** INTERLOCK 3000R



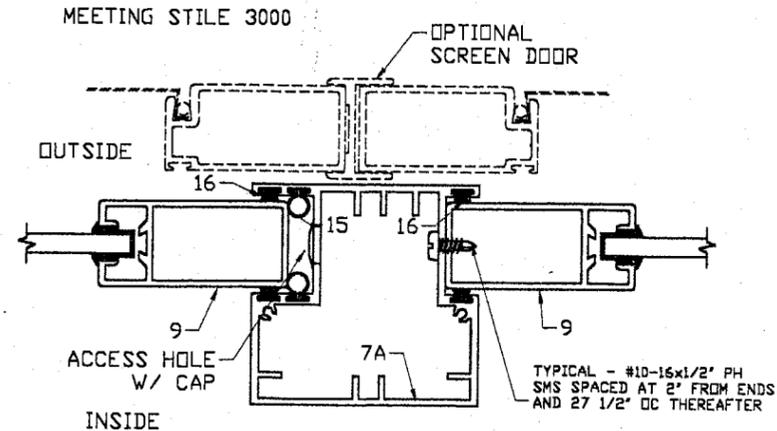
**5** MEETING STILE 1200, 1200A



**5R** MEETING STILE 3000R



**5S** MEETING STILE 3000



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DEC 03 2004

Engineer Seal  
 Pedro De Figuerado  
 PE 52609

Date: 10/20/04  
 Scale: NA  
 Design by: PPMF

PRODUCT CONTROL DIVISION:

**PRODUCT REVISED**  
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 By: *M. Sharr*  
 Miami Dade Product Control  
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BILL OF MATERIALS:			
#	DESCRIPTION	MATERIAL	SUPPLIER
1	THREE TRACK JAMB	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
1P	POCKET JAMB ADAPTER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
2	THREE TRACK HEADER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
3	THREE TRACK SILL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
4	HIGH RISE INTERLOCK	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
4A	STANDARD INTERLOCK	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
4B	ATLAS INTERLOCK	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
5	DOOR TOP RAIL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
6	SILL ADAPTER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
7	DOOR ASTRAGAL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
7A	ATLAS DOOR ASTRAGAL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
8	DOOR BOTTOM RAIL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
8A	OPTIONAL DOOR BOTTOM RAIL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
9	DOOR END RAIL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
10	DOOR "Z" BRACKET	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
11	ATLAS INTERLOCK REINF.	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
11A	ASTRAGAL REINFORCEMENT	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
12	FIXED PANEL BRACKET	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
13	GLAZING GASKET	EXTRUDED VINYL	TEAM PLASTIC
14	1/4" PILE WEATHER-STRIP	PILE W3426BNG	ULTRAFAB
15	.290X.242 BULB VINYL	TEAM PLASTICS # 191	TEAM PLASTIC
16	3/16" PILE WEATHER-STRIP	PILE W31155BNG	ULTRAFAB
17	1 11/16" DIAM. ROLLER	ROLLER #P155SS	SAUNDERS ENGINEERING CORP.
17A	2X 1 11/16" DIAM. ROLLER	ROLLER #1000-166BNSS	BUILDERS HARDWARE INC.
18	DEADLOCK	SERIES MS1847	ADAMS RITE
19	LATCH STRIKE PLATE	LATCH MS1847	ADAMS RITE
18A	MULTIPONT MORTISE LOCK	991	SASH CONTROLS
19A	LATCH STRIKE PLATE	2470	SASH CONTROLS
20	MID-JAMB FILLER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY

MANUFACTURER:  
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*[Signature]*  
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Engineer Seal  
Pedro De Figueredo  
PE 52609

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Design by: PPMF

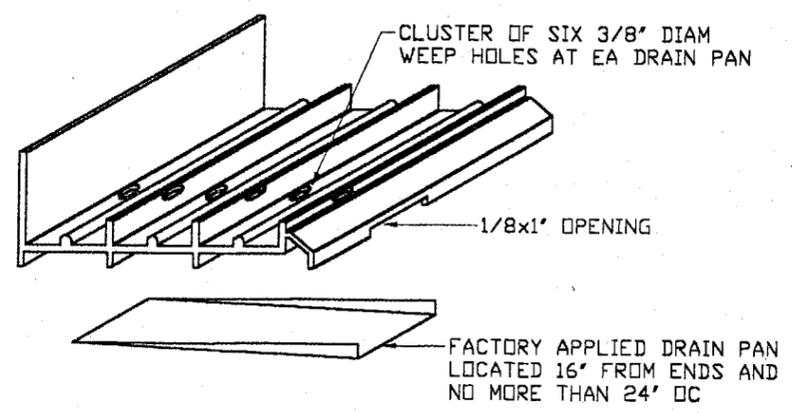
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Miami Dade Product Control Division

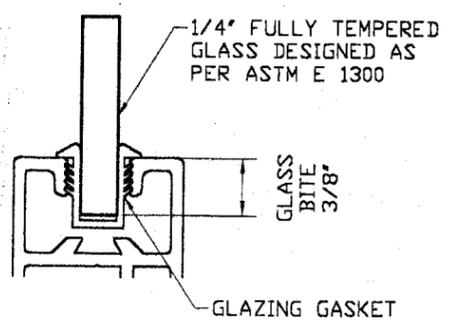
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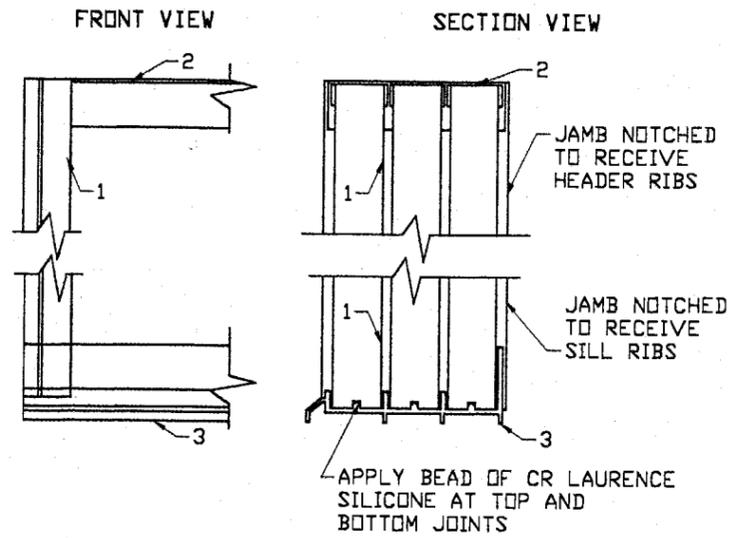
**THRESHOLD DRAINAGE**



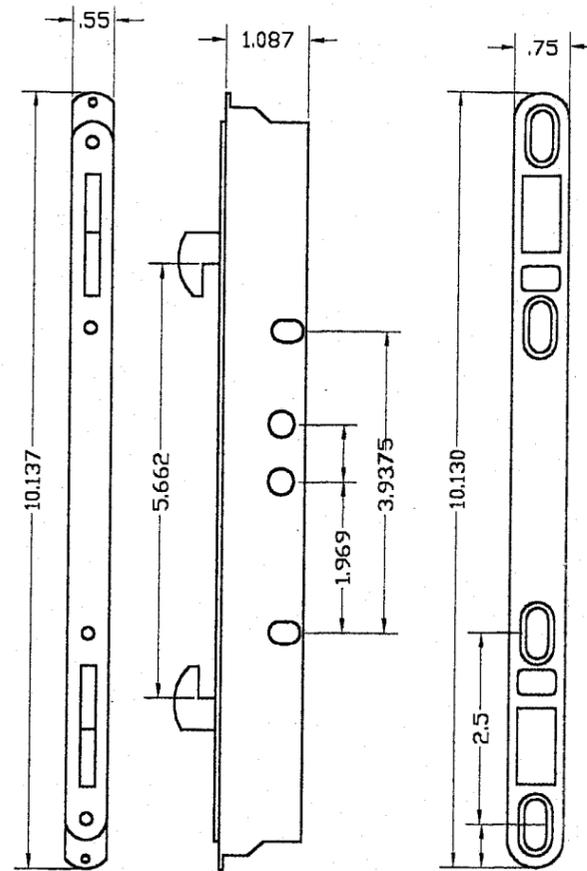
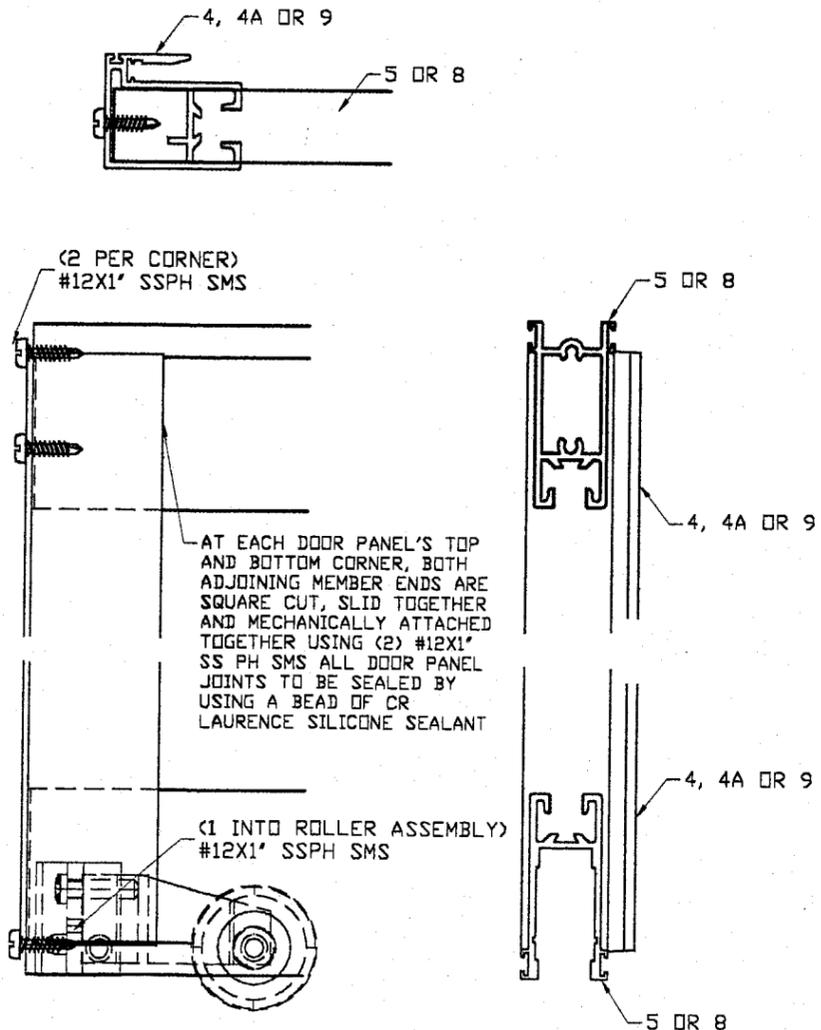
**GLAZING DETAIL**



# FRAMING CORNER ASSEMBLY

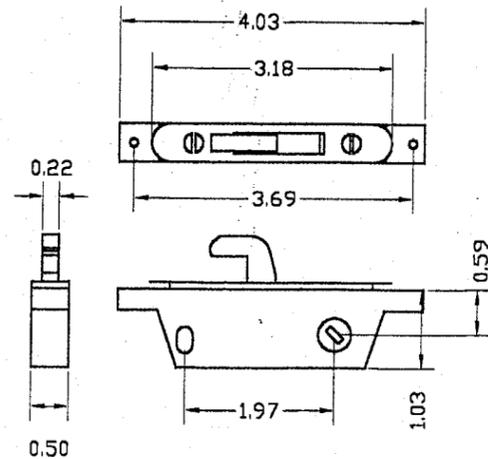


# DOOR CORNER ASSEMBLY



**18A- OPTIONAL DEADLOCK**  
 1 PER LOCK MEETING STILE  
 SASH CONTROLS MULTIPPOINT  
 MORTISE LOCK ASSEMBLY  
 PART# 991 ATTACHED TO  
 THE DOOR BY (2) #8-1/4" MS

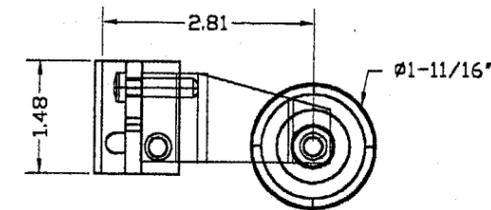
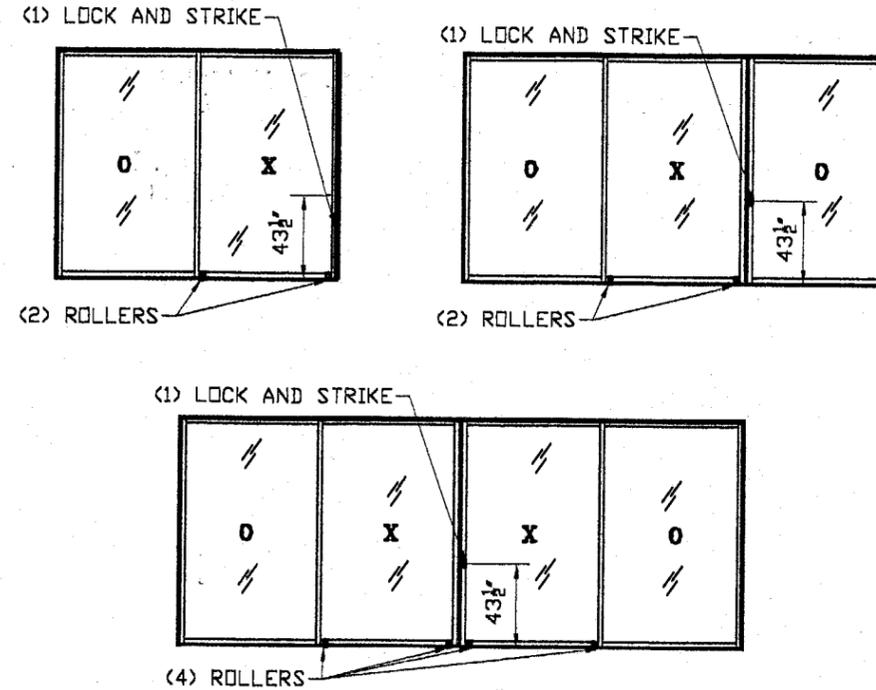
**19A - OPTIONAL STRIKE PLATE**  
 1 PER MEETING STILE OR JAMB  
 SASH CONTROLS, INC. KEEPER PART# 2470.  
 KEEPER IS ATTACHED TO  
 END RAIL BY USING FOUR  
 #10-16X1/2" SS PHSMS.



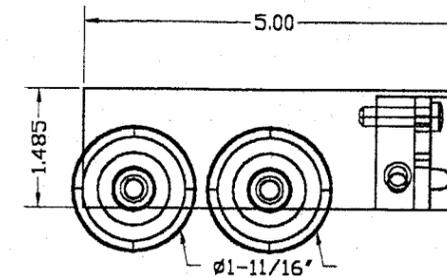
**18- DEADLOCK**  
 1 PER LOCK MEETING STILE  
 ADAMS RITE DEADLOCK SERIES MS1847  
 ATTACHED TO THE DOOR BY (2) #6-1/4" MS

**19 - STRIKE PLATE**  
 1 PER MEETING STILE OR JAMB  
 ADAMS RITE LATCH SERIES MS1847 ATTACHED  
 TO THE DOOR BY (2) #10-16X1' SMS

# HARDWARE



**17- NYLON ROLLER**  
 1200 AND 1200A SERIES ONLY  
 2 PER OPERABLE DOOR PANEL  
 SAUNDERS ENGINEERING CORP PART# P155SS  
 ADJUSTABLE 1 11/16" DIAMETER NYLON  
 ROLLER ASSEMBLY WITH ALUMINUM HOUSING  
 ATTACHED TO THE BOTTOM RAIL USING ONE  
 1/4" DIAMETER PIN.



**17A- DUAL NYLON ROLLER**  
 3000 AND 3000R SERIES ONLY  
 2 PER OPERABLE DOOR PANEL  
 BUILDERS HARDWARE INC. PART# 1000-166  
 BNSS ADJUSTABLE 1 11/16" DIAMETER  
 NYLON ROLLERS ASSEMBLY WITH ALUMINUM  
 HOUSING ATTACHED TO THE BOTTOM RAIL  
 USING ONE 1/4" DIAMETER PIN.

MANUFACTURER:

**SE SOUTH EASTERN**  
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Engineer Seal  
 Pedro De Figueiredo  
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 Design by: PPMF

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