



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)**

**South Eastern Door Company**  
**1505 Commerce Lane P.O. Box 794**  
**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 5000 Aluminum Sliding Glass Door -LMI**

**APPROVAL DOCUMENT:** Drawing No. **05-284r1**, titled "Atlas Plus Impact Series Model 5000 Aluminum Sliding Glass Door", sheets 1 through 5 of 5, prepared by EngCo. Inc., dated 08/15/06 and last revised on Oct. 25, 2006, 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: Large and Small Missile Impact Resistant**

**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 # **03-0913.03** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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

**NOA No 05-0913.03**

**Expiration Date: June 26, 2008**

**Approval Date: November 16, 2006**

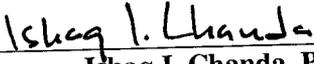
**Page 1**

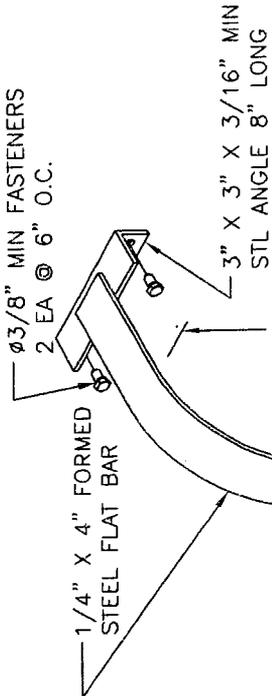


10/27/06

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (transferred from file # 03-0328.01)
1. Manufacturer's die drawings and sections.
  2. Drawing No. **05-284r1**, titled "Atlas Plus Impact Series Model 5000 Aluminum Sliding Glass Door", sheets 1 through 5 of 5, prepared by EngCo. Inc., dated 08/15/06 and last revised on Oct. 25, 2006, signed and sealed by Pedro De Figueiredo, P.E.
- B. TESTS** (transferred from file # 03-0328.01)
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  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) 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 0151-0909-01 dated 9/7/01, HTL 0151-1105-01 dated 12/12/01, HTL 0151-1209-02 dated 12/12/02 and HTL 0151-0305-06 dated 06/26/2006, all signed and sealed by Vinu J. Abraham, P.E.
- C. CALCULATIONS**
1. Anchor verification calculation, complying w/ FBC 2004, prepared by EngCo. Inc., dated 09/09/05 and last revised on Oct. 25, 2006, signed and sealed by Pedro De Figueiredo, P.E.
  2. Glazing complies with ASTM E-1300-98 & -02.
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **01-1204.01** issued to "E.I. DuPont DeNemours" for "Sentry Glass ® Plus" dated 01/17/02, expiring on 01/14/07.
- F. STATEMENTS**
1. Statement letter of compliance w/FBC-2004, signed by dated 09/05/06, signed and sealed by Pedro De Figueiredo, P.E.
  2. Statement letter of compliance and of no financial interest, dated 09/05/06, signed and sealed by Pedro De Figueiredo, P.E.
- G. OTHER**
1. This NOA revises # **03-0328.01**, expiring June 26, 2008.
  2. Letter from the consultant stating that the product is in compliance with the Florida Building Code.( # 03-0328.01)

  
\_\_\_\_\_  
Ishaq I. Chanda, P. E.  
Product Control Examiner  
NOA No 05-0913.03  
Expiration Date: June 26, 2008  
Approval Date: November 16, 2006



FORCE ON STRUCTURE (#/FT.)

OPENING WIDTH	TYPE 1 GUIDE CONFIGURATION			TYPE 2 GUIDE CONFIGURATION		
	POSITIVE (55 PSF)	NEGATIVE (60 PSF)	NEGATIVE (60 PSF)	POSITIVE (55 PSF)	NEGATIVE (60 PSF)	NEGATIVE (60 PSF)
UP TO 12'-0"	F1	F2	F3	F1	F2	F3
12'-1" TO 16'-0"	1765	1323	1826	2412	2895	2030
	621	289	721	1085	1448	854
	2676	2344	721	2413	2776	854
	6377	5935	1826	6115	6598	2030

FASTENER SCHEDULE

OPENING WIDTH	(1) WINDLOCK SPACING	SLIP	GUIDE ANGLE THICKNESS	WALL ANGLE THICKNESS	CONCRETE ANCHOR (3)	MIN EMBEDMENT	(2) WALL ANGLE BOLTS (GRADE 5)	GUIDE ANGLE ASSEMBLY BOLTS
UP TO 12'-0"	2	5/8"	3/16"	5/16"	1/2" @ 14" O.C.	3	1/2" @ 18" O.C.	3/8" @ 12" O.C.
12'-1" TO 16'-0"	2	5/8"	3/16"	5/16"	3/4" @ 12" O.C.	4	5/8" @ 18" O.C.	3/8" @ 12" O.C.

- (1) WINDLOCK ON EVERY OTHER SLAT  
 (2) 1 3/8 O.D. X 1/8 THICK WASHER  
 (3) HILTI KWIK BOLT 3 - DO NOT USE FOR TYPE 2 INSTALLATION

PARTS LIST

ITEM NO.	DESCRIPTION	QTY.	MATERIAL
1	GUIDE (PAIR)	1	STEEL, ASTM A-36
2	GALVANIZED SLAT	AS REQ'D	GALV STEEL, G90 ASTM A-653 SS, GRADE 50 (NOTE 9)
3	WINDLOCK	AS REQ'D	DUCTILE CAST IRON, GRADE 65-45-12 ASTM A-536-72
4	ENDLOCK	AS REQ'D	C1018 STEEL, ASTM A-366
5	BOTTOM BAR	1	STEEL, ASTM A-36
6	DRIVE BRACKET ASSEMBLY	1	STEEL, ASTM A-36
7	TENSION BRACKET ASSEMBLY	1	STEEL, ASTM A-36
8	BARREL PIPE/COUNTER BALANCE	1	STEEL, ASTM A-108, A-229, A-53
9	GALVANIZED HOOD	1	GALVANIZED STEEL, G90 ASTM A-653 (NOTE 9)
10	HOOD SUPPORT	AS REQ'D	STEEL, ASTM A-36

DADE COUNTY WIND DOOR 16'-0" WIDE #4 SLAT

NO.	BY	DATE	REVISION
3	YL	10/19/99	ORIGINAL DRAWING
2	YL	01/21/00	AS NOTED
1	RG	9/26/07	NOTE CHANGES



COOKSON ROLLING DOORS  
 2417 S. 50th AVENUE  
 PHOENIX, AZ 85043  
 800 TULIP DRIVE  
 GASTONIA, NC 28052

DADE COUNTY TEST DOOR 16'-0" +55/-60 PSF  
 ENG. NAME: JOSEPH H. DIXON JR. COOKSON APPROVAL  
 DISCIPLINE: STRUCTURAL BY:  
 FL REGISTRATION: 7768 DATE:  
 DRAWING NO. NFO-0050-01 SHEET 3 OF 3

*[Signature]*  
 10/26/07

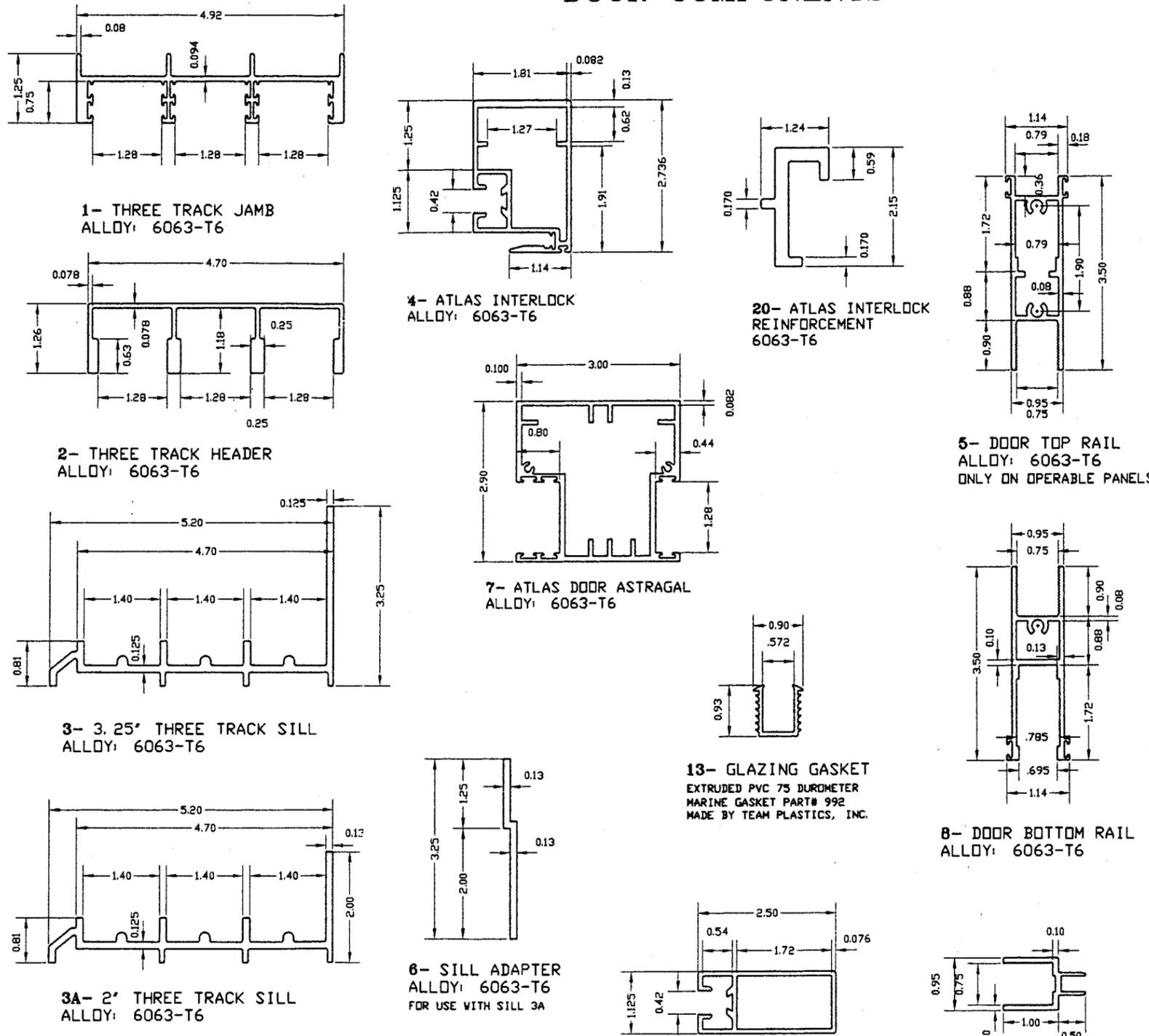
**INDEX:**

- SHEET 1 of 5 - GENERAL NOTES, DESIGN RATING AND DOOR COMPONENTS
- SHEET 2 of 5 - GLAZING DETAIL, BILL OF MATERIALS
- SHEET 3 of 5 - TYPICAL DOOR ELEVATION, FRAMING ANCHORAGE
- SHEET 4 of 5 - SECTION DETAILS
- SHEET 5 of 5 - DOOR & FRAMING ASSEMBLY AND HARDWARE

**GENERAL NOTES:**

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 ED.
- 2- DEFINITION: THIS PRODUCT IS AN ALUMINUM LARGE MISSILE IMPACT RESISTANT SLIDING GLASS DOOR. PRODUCT CAN BE USED AT ANY ELEVATION WITHOUT HURRICANE PROTECTION SHUTTERS.
- 3- POSTING:
  - \*ATLAS PLUS - LARGE MISSILE IMPACT SERIES 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 LAMINATED GLASS AS PER SHEET 2 OF 5 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 SPACING AND LOADS 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 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.

**DOOR COMPONENTS**



**DOOR ALLOWABLE DESIGNED PRESSURES**

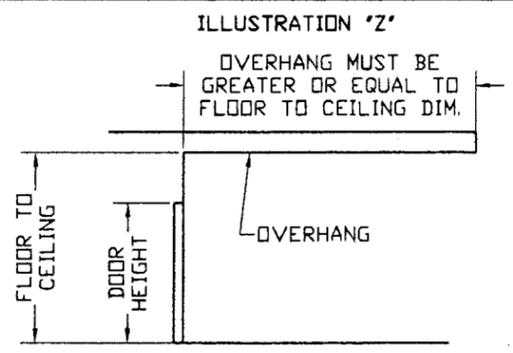
**+70, -70 PSF**  
 W/ SILL ADAPTOR ITEM #6 OR  
 3.25' THREE TRACK SILL OR  
 INSTALLATION AS PER ILLUSTRATION 'Z'

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**+50, -70 PSF**  
 W/OUT SILL ADAPTOR ITEM #6 OR  
 2' THREE TRACK SILL

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**LARGE MISSILE IMPACT**



IN AREAS WHERE THE DOOR DESIGN IS NOT LIMITED BY WATER INFILTRATION (SEE ILLUSTRATION Z), USE +70 PSF FOR POSITIVE PRESSURE WITHOUT SILL ADAPTER PART #6.

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 05-0913-03  
 Expiration Date: JUNE 26, 2008  
 By: *Isaac I. Llanza*  
 Miami Dade Product Control Division

**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 Impact Series**  
 MODEL 5000  
 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

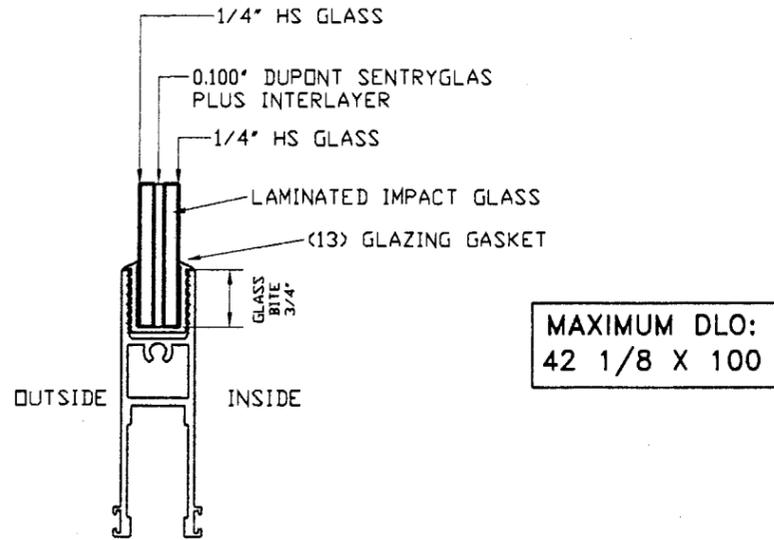
**OCT 25 2006**  
 Engineer Seal  
 Pedro De Figueredo  
 PE 52609

Date: 08/15/06  
 Scale: NA  
 Design by: PPMF

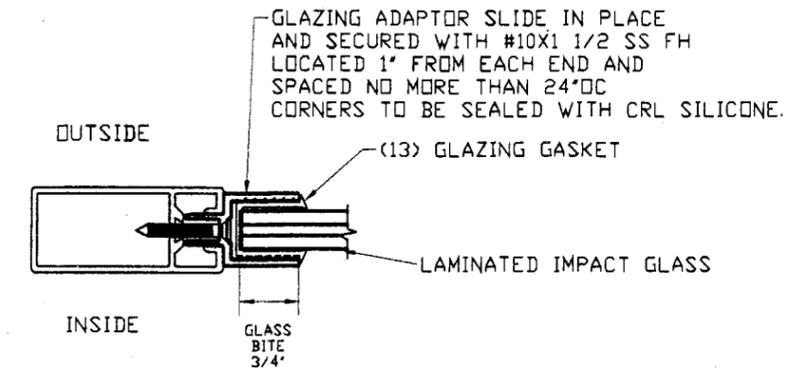
Drawing Number  
**05-284r1**

Sheet  
 1 of 5

# GLAZING DETAIL



**MAXIMUM DLO:  
42 1/8 X 100**



## BILL OF MATERIALS:

#	DESCRIPTION	MATERIAL	SUPPLIER
1	THREE TRACK JAMB	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	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	ATLAS DOOR ASTRAGAL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
8	DOOR BOTTOM RAIL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
9	DOOR END RAIL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
10	1/4\"/>		

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 By Isaac L. Chenda  
 Miami Door Product Control  
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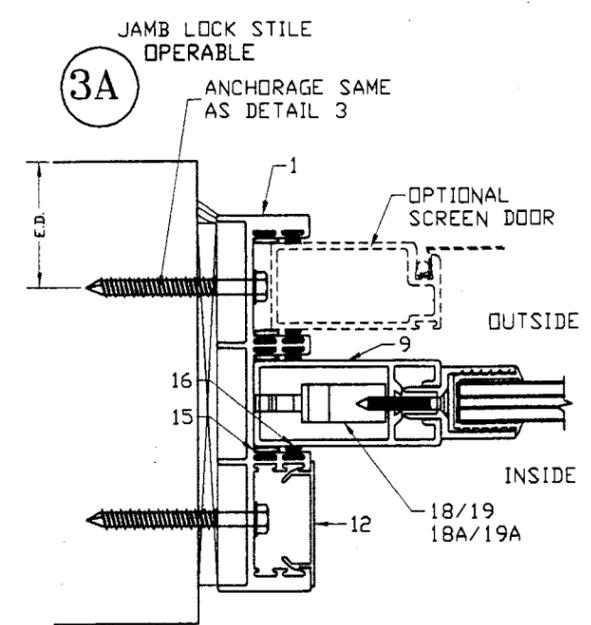
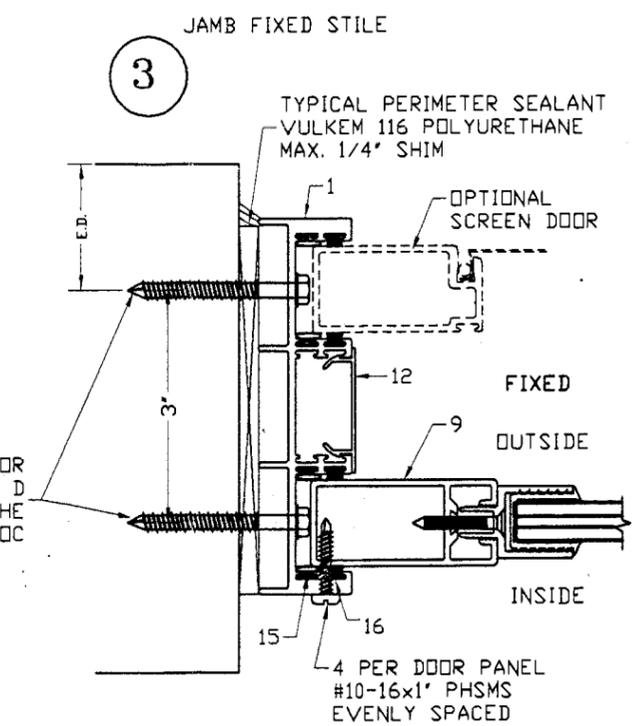
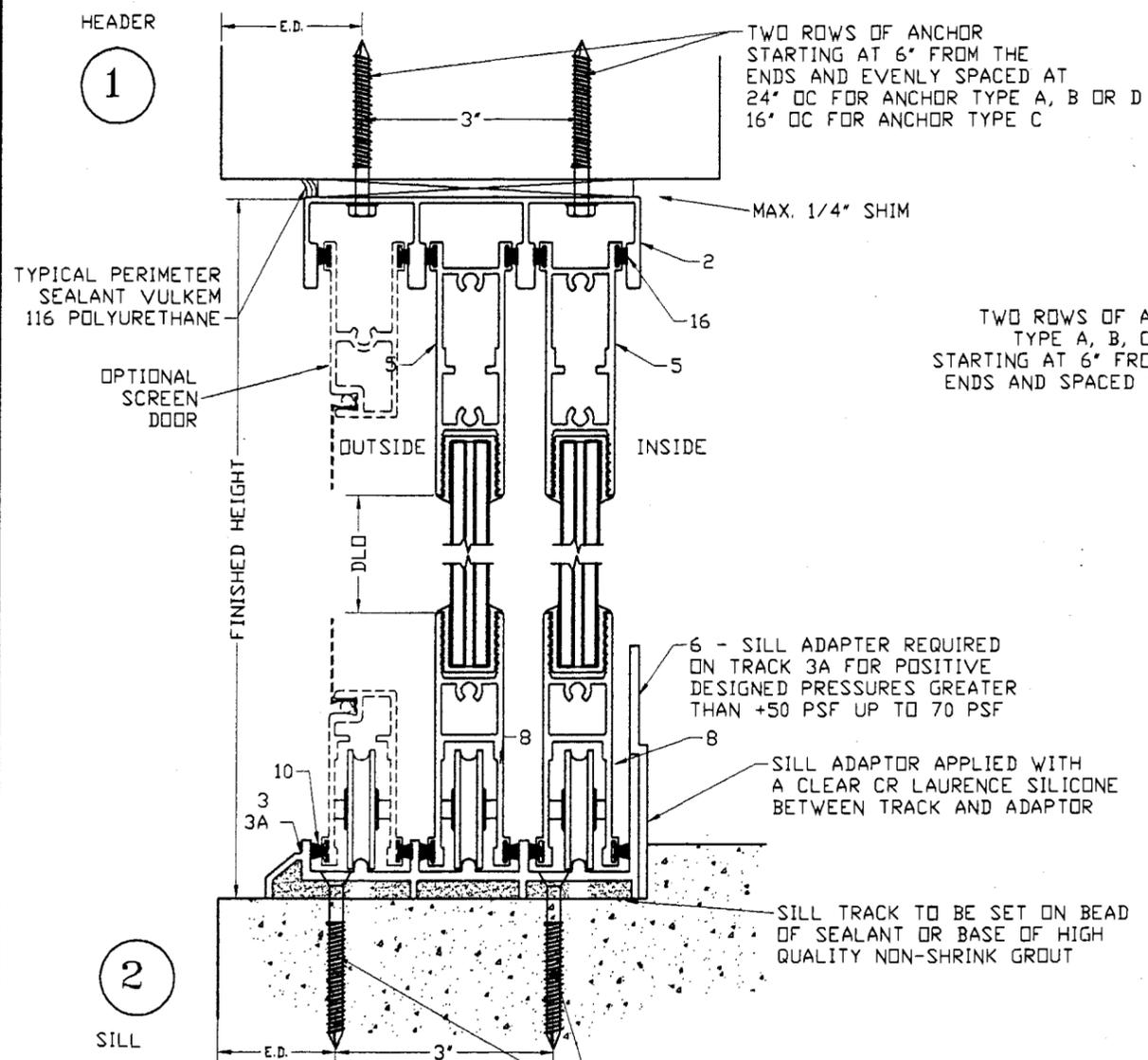
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*[Signature]*  
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Date: 08/15/06  
 Scale: NA  
 Design by: PPMF

Drawing Number  
**05-284r1**

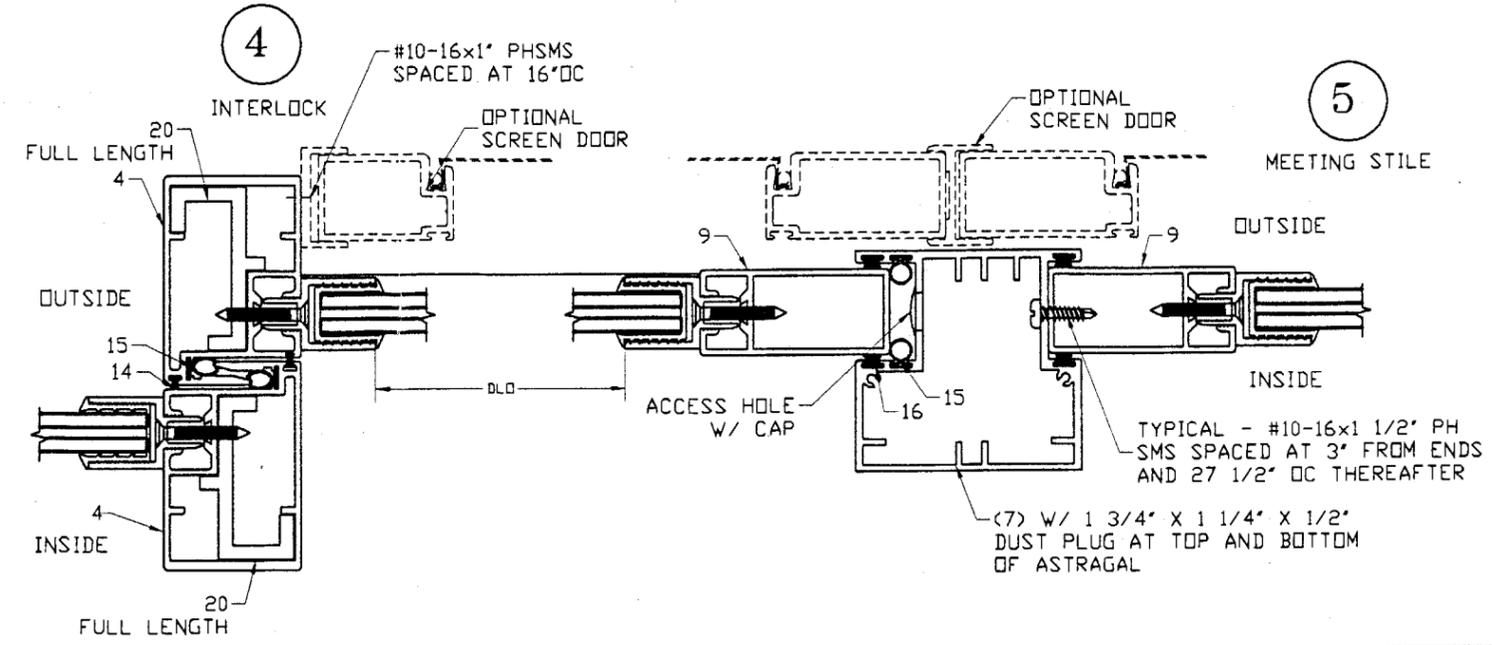
Sheet  
**2 of 5**



**ANCHOR TYPES:**  
 A- 1/4" TAPCON BY ELCO WITH 1 3/4" MIN. EMBEDMENT INTO 3320 psi CONCRETE  
 B- 1/4" TAPCON BY ELCO WITH 1 1/4" MIN. EMBEDMENT INTO 3320 psi CONCRETE  
 C- 1/4" TAPCON BY ELCO WITH 1 1/2" MIN. EMBEDMENT INTO PT WOOD (SG=.55)  
 D- 1/4-14 SELF DRILLING GRADE 5 SCREWS INTO 1/8" MIN. A36 STEEL

**NOTE:**  
 MINIMUM EMBEDMENT ARE BEYOND WALL DRESSING.

MINIMUM EDGE DISTANCE (E. D.)	
ANCHOR TYPE	E. D.
A	2 1/2"
B	2 1/2"
C	1"
D	3/8"



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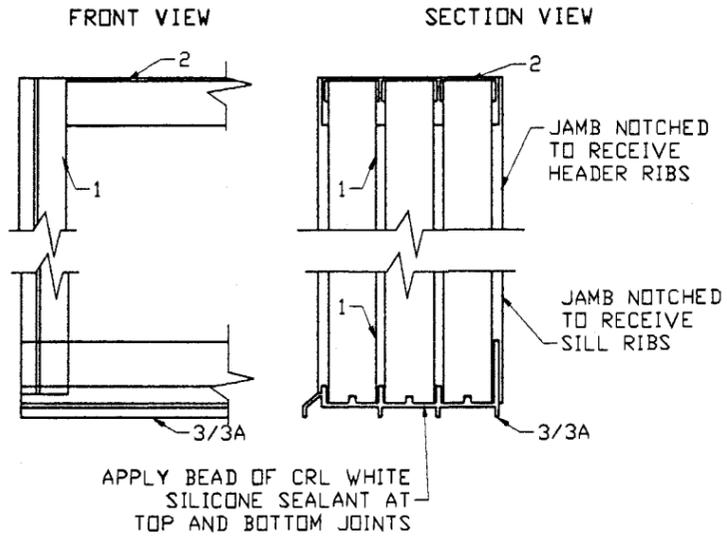
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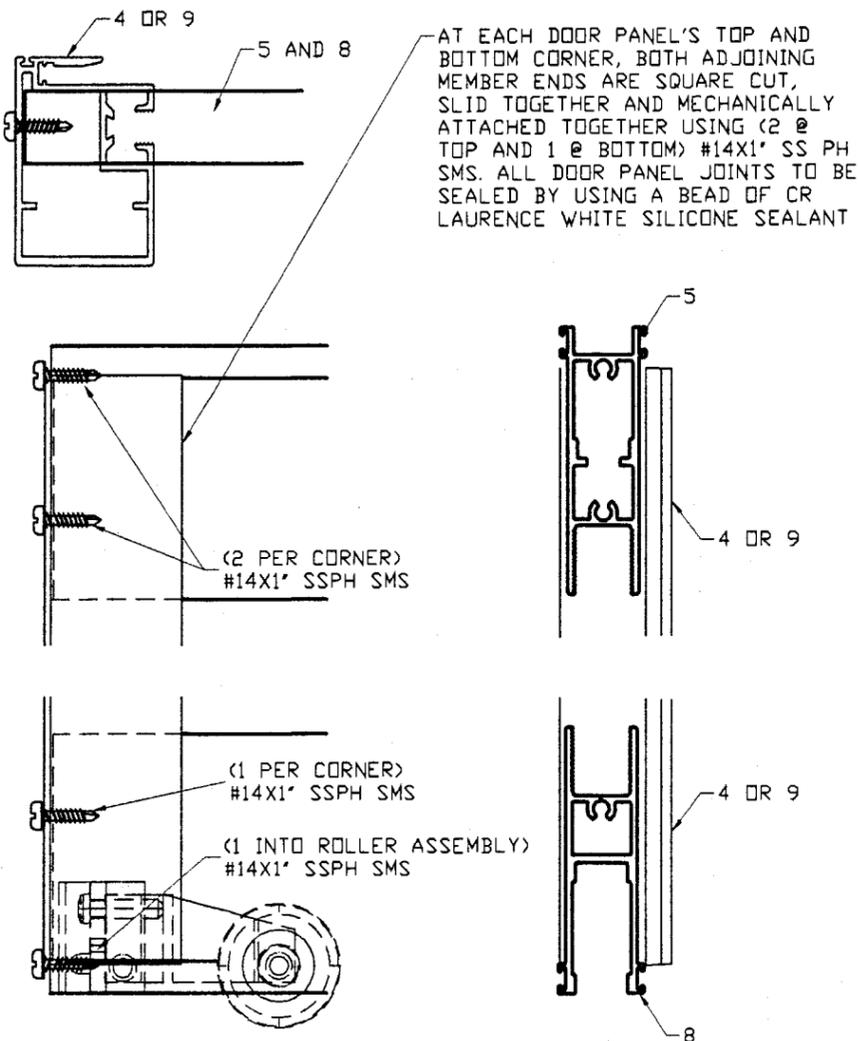
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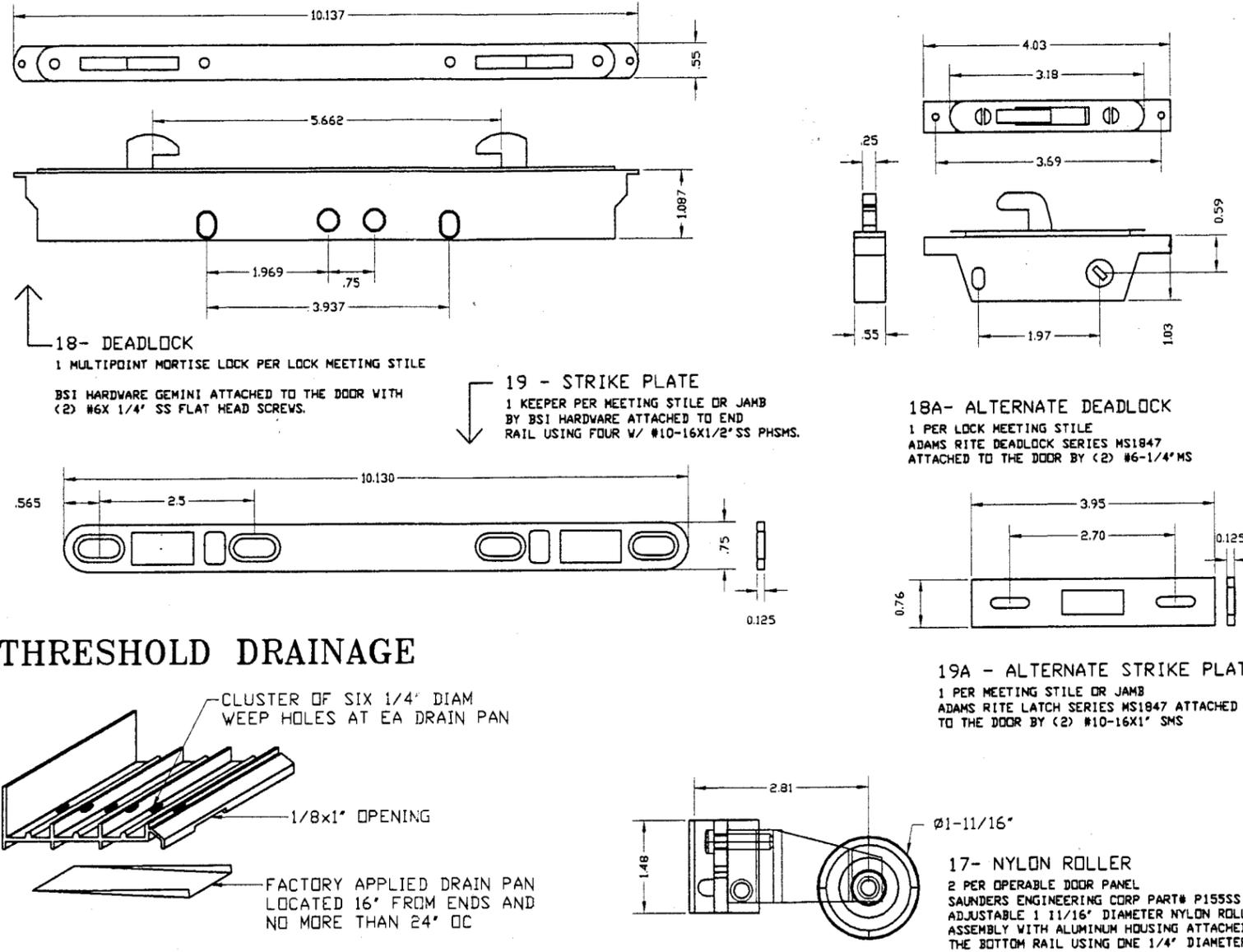
# FRAMING CORNER ASSEMBLY



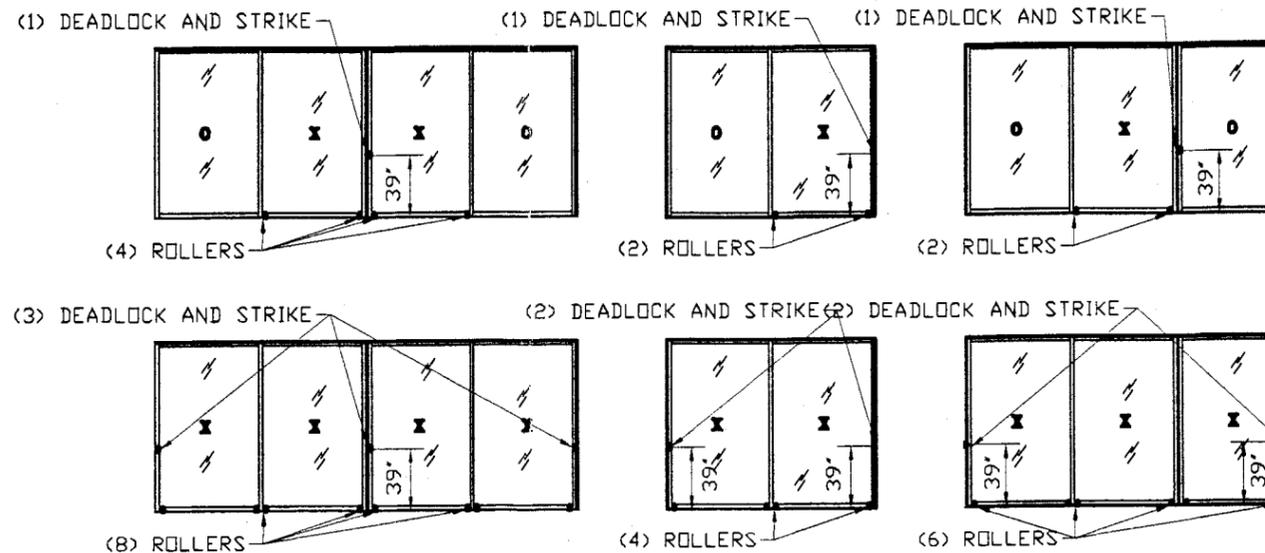
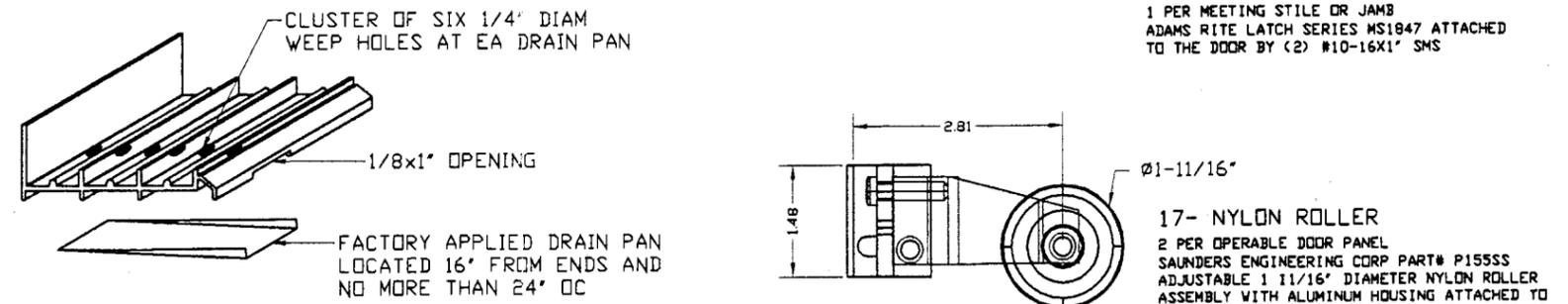
# DOOR CORNER ASSEMBLY



# HARDWARE



# THRESHOLD DRAINAGE



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Sheet  
 5 of 5