



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)  
 BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
 PRODUCT CONTROL SECTION  
 11805 SW 26 Street, Room 208  
 Miami, Florida 33175-2474  
 T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**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 and accepted by Miami-Dade County PERA -Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Series 5000" Aluminum Sliding Glass Door – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. 12-014, titled "Atlas Plus Series 5000 Aluminum Sliding Glass Door Large Missile Impact", sheets 1 through 13 of 13, prepared by EngCo. Inc., dated May 03, 2012, 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 Section.

**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 series and following statement: "Miami-Dade County Product Control Approved", 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 # 09-1105.02 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*Jaime D. Gascon*  
 5/7/12

NOA No 12-0223.03  
 Expiration Date: June 26, 2013  
 Approval Date: May 10, 2012  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (Submitted under file # **09-1105.02**)
2. Drawing No. **12-014**, titled "Atlas plus Series 5000 Aluminum Sliding Glass Door Large Missile Impact", sheets 1 through 13 of 13, prepared by EngCo. Inc., dated May 03, 2012, signed and sealed by Pedro De Figueiredo, P.E.

Note: This revision consists of FBC 2010 notes only.

**B. TESTS (Submitted under file # **09-1105.02**)**

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) Small Missile Impact Test per FBC, TAS 201-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
7) 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.'s **HTL 0151-0604-09** and **HTL 0151-0801-08**, dated 09/09 thru 02/12/09, signed & sealed by Vinu J. Abraham, P. E.

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) 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 a Aluminum Sliding Glass Door, prepared by Hurricane Test Laboratory, Inc., Test Report No(s) **HTL 0151-0305-06**, dated 06/26/06, **HTL 0151-0909-01** dated 09/07/01, **HTL 0151-1105-01** dated 12/12/01 and **HTL 0151-1209-02** dated 12/12/02, all signed and sealed by Vinu J. Abraham, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by EngCO., dated 10/30/09 and revised on 02/05/10, signed and sealed by Pedro De Figueiredo, P. E. (submitted under file # **09-1105.02**)
2. Glazing complies w/ ASTME-1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**

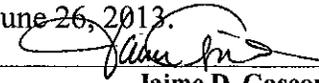
1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass ®**", expiring on 01/14/17.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by EngCo. dated FEB 10, 2010, signed and sealed by Pedro De Figueiredo, P.E.
2. Lab compliance as part of the above referenced test report.

**G. OTHER**

1. This NOA revises NOA # **09-1105.02**, expiring on June 26, 2013.

  
Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No 12-0223.03  
Expiration Date: June 26, 2013  
Approval Date: May 10, 2012

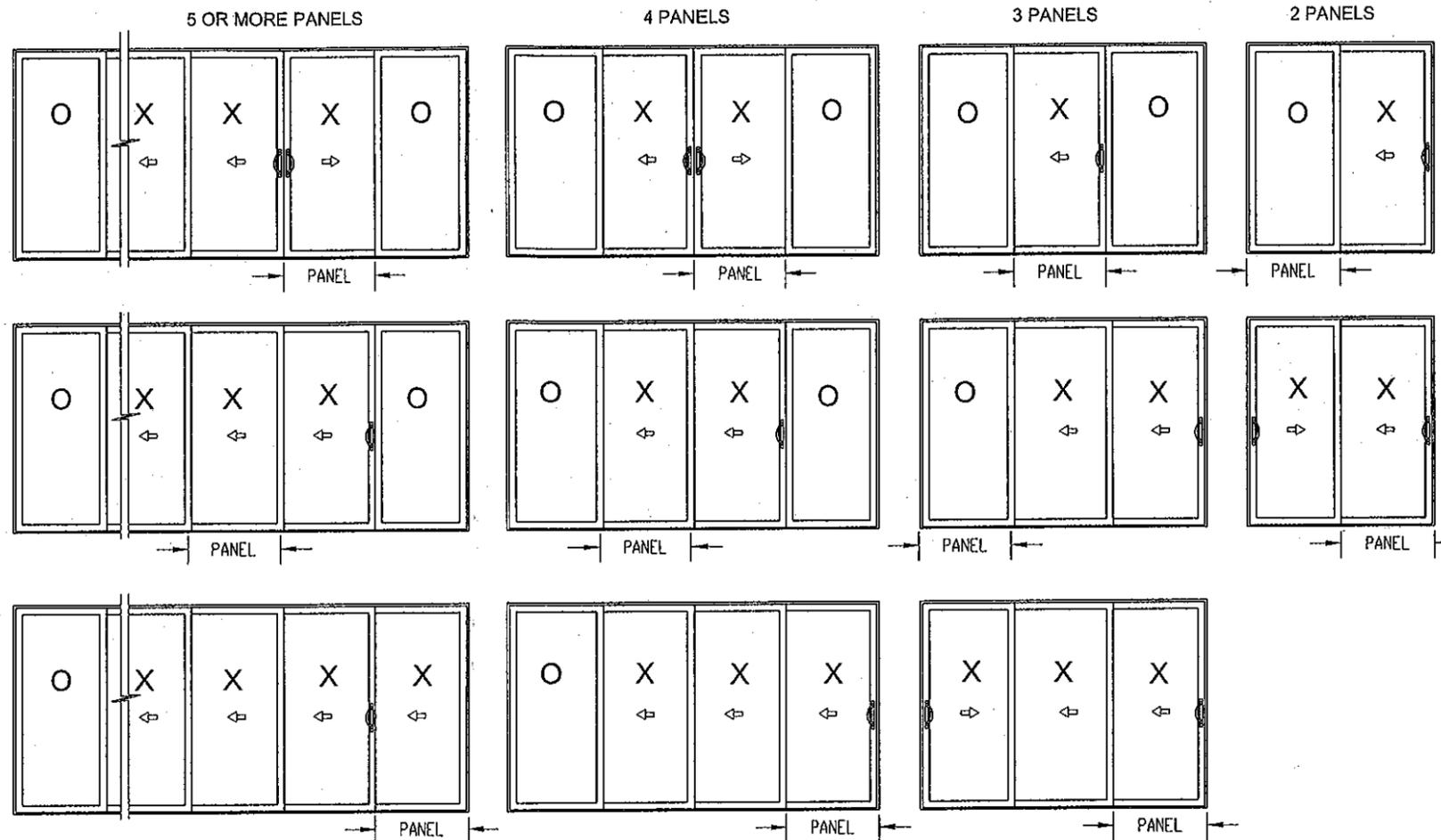
**GENERAL NOTES:**

FLORIDA BUILDING CODE 2010 HVHZ  
LARGE & SMALL MISSILE IMPACT RATED

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FBC 2010 INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS AN ALUMINUM SLIDING GLASS DOOR DESIGNED, CONSTRUCTED AND TESTED PROVIDING PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL. INSTALLATION OF HURRICANE PROTECTION DEVICES IS NOT REQUIRED.
- 3- POSTING: PRODUCT SHALL BE LABELED AS PER FBC 2010 SECTION 1715.5.2.1. THE PERMANENT LABEL, MARKING OR ETCHING SHALL PROVIDE TRACEABILITY TO THE MANUFACTURER AND PRODUCT. THE FOLLOWING SHALL ALSO BE REQUIRED EITHER ON THE PERMANENT LABEL OR ON A TEMPORARY SUPPLEMENTAL LABEL APPLIED BY THE MANUFACTURER: INFORMATION IDENTIFYING THE MANUFACTURER, THE PRODUCT MODEL/SERIES NUMBER, POSITIVE AND NEGATIVE DESIGN PRESSURE RATING, PRODUCT MAXIMUM SIZE, GLAZING THICKNESS, IMPACT-RESISTANCE RATING IF APPLICABLE, THE FLORIDA PRODUCT APPROVAL NUMBER, APPLICABLE TEST STANDARD(S), AND MIAMI DADE NOA NUMBER, THE TEMPORARY SUPPLEMENTAL LABEL SHALL REMAIN ON THE WINDOW UNTIL FINAL APPROVAL BY THE BUILDING OFFICIAL. SAMPLE LABEL:
 

"SOUTHEASTERN DOOR COMPANY - JUPITER - FLORIDA  
SERIES 5000 ATLAS PLUS SLIDING GLASS DOOR  
LARGE & SMALL MISSILE IMPACT RATED  
MIAMI-DADE PRODUCT CONTROL APPROVED
- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-10 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HERE IN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-10, ARE PERMITTED TO BE MULTIPLE BY 0.6
- 5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T6 ALLOY OR AS NOTED AND GLAZING TO BE LAMINATED IMPACT 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 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- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010 FLORIDA BUILDING CODE.

**DOOR ELEVATIONS WITH OPERABLE AND FIXED PANELS CONFIGURATIONS**



DOOR CAN BE CONFIGURED WITH AS MANY PANELS AS THE TWO, THREE, FOUR OR FIVE TRACK SYSTEM CAN FIT.

**DESIGN RATINGS:**

SHEET	TABLE	DESCRIPTION
2	1	RATING FOR DOORS WITH REINFORCEMENT AND WITH 4 OR LESS PANELS
	1A	RATING FOR DOORS WITH REINFORCEMENT AND MORE THAN 4 PANELS
	2	RATING FOR DOORS W/OUT REINFORCEMENT AND WITH 4 OR LESS PANELS
8	3	RATING FOR ANCHORAGE INTO 2 TRACK
9	4	RATING FOR ANCHORAGE INTO 3, 4 & 5 TRACKS

**NOTES:**

- 1- DESIGN RATING WILL BE THE LOWEST PRESSURE FROM APPLICABLE TABLES
- 2- PLEASE REFER TO SHEET 6 FOR FURTHER POSITIVE PRESSURE LIMITATION DUE TO THRESHOLD HEIGHT.

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4	SECTION DETAILS & GLAZING DETAILS	11	DOOR SASH COMPONENTS AND BILL OF MATERIALS
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6	FRAMING ANCHORAGE DETAILS	13	DOOR & FRAMING ASSEMBLY
7	FRAMING ANCHORAGE DETAILS		

MANUFACTURER:

**SOUTHEASTERN**  
Manufacturers of Impact Resistant Sliding Glass Doors

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

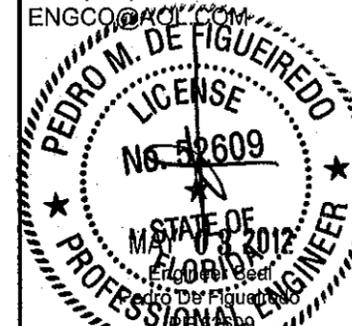
PRODUCT:

**ATLAS PLUS**  
SERIES 5000 ALUMINUM  
SLIDING GLASS DOOR  
LARGE MISSILE IMPACT

Engineering:

**EngCo Inc.**

CA 8116  
5595 Orange Dr. 201  
Davie, FL 33314  
Tel.: (954) 585-0304  
Fax: (954) 585-0305  
ENGCO@AOL.COM



MIAMI-DADE BCCO:

**PRODUCT REVISED**  
in complying with the Florida  
Building Code  
Amendment No. 12-0223-03  
Approval Date: JUNE 21, 2013  
*[Signature]*  
Miami Dade Product Control

Date: 12/28/12  
Scale: NA  
Design by: PPMF

Drawing Number  
**12-014**

SHEET  
**1 of 13**

TYPICAL ELEVATION, SECTIONS AND DESIGNED PRESSURES

**TABLE 1**  
DOOR WITH LESS OR EQUAL 4 PANELS  
DOOR WITH REINFORCEMENT - SECTIONS 7 AND 6

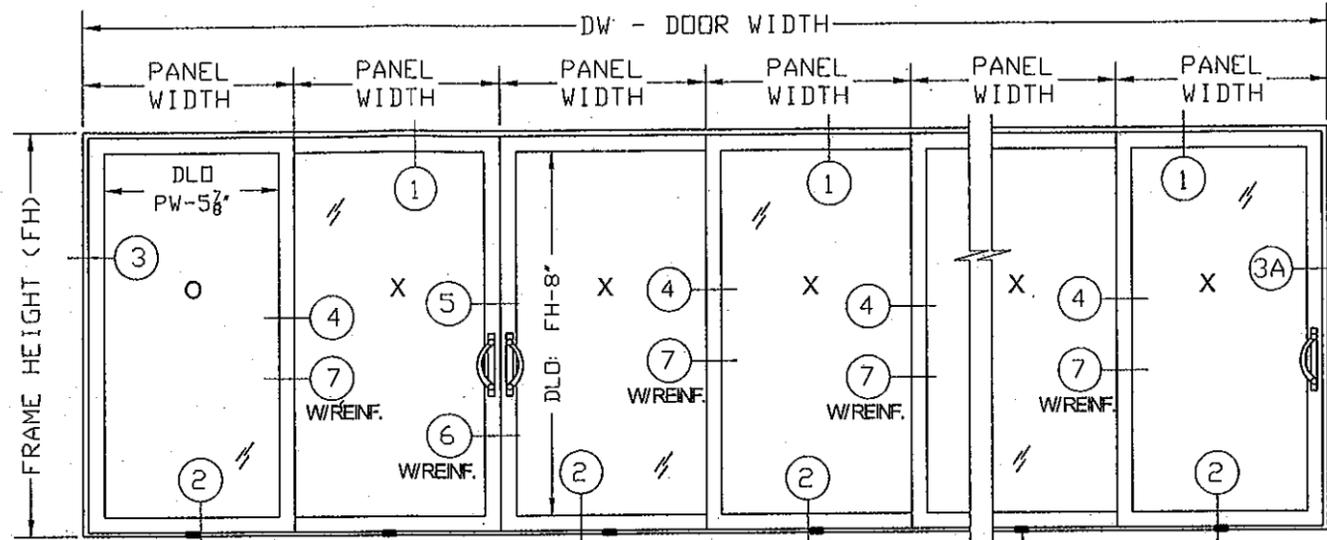
PANEL WIDTH	FRAME HEIGHT	PD RATING		GLASS TYPE
		(+)	(-)	
30	80	90.0	100.0	A B
	84	90.0	100.0	A B
	96	90.0	100.0	A B
	100	90.0	100.0	A B
	104	90.0	100.0	A B
	108	90.0	100.0	A B
36	80	90.0	100.0	A B
	84	90.0	100.0	A B
	96	90.0	100.0	A B
	100	90.0	100.0	A B
	104	98.4	98.4	A B
	108	90.1	90.1	A B
42	80	90.0	100.0	A B
	84	90.0	100.0	A B
	96	90.0	98.7	A B
	100	90.0	92.8	A B
	104	84.9	84.9	A B
	108	78.5	78.5	A B
48	80	90.0	100.0	A B
	84	90.0	100.0	A B
	88	90.0	98.2	A B
	92	90.0	93.9	A B
	96	90.0	90.0	A B
	100	70.0	83.1	A
	104	70.0	75.9	A
	108	70.0	70.0	A
54	80	70.0	96.0	A B
	84	70.0	91.4	A B
	88	70.0	87.3	A
	96	70.0	70.0	A
60	80	70.0	86.4	A
	84	70.0	77.5	A
	86	70.0	70.0	A

NOTE: PANEL WIDTH IN INCHES  
FRAME HEIGHT IN INCHES  
PRESSURE RATING IN PSF  
2" THRESHOLD LIMITED TO +50 PSF

EXAMPLE: TABLES 1 AND 2  
144X96 XXXD - 4 PANELS  
PANEL WIDTH= 144/4= 36' // FRAME HEIGHT= 96'  
DESIGNED PRESSURE 100 PSF W/ REINF.  
DESIGNED PRESSURE 70 PSF W/OUT REINF.

EXAMPLE: TABLES 1A  
216X96 DXX-XXD - 6 PANELS  
PANEL WIDTH= 216/6= 36' // FRAME HEIGHT= 96'  
DESIGNED RATING= 86.2 PSF W/ REINF.

TYPICAL ELEVATION AND DESIGNED PRESSURES



DLO: PANEL WIDTH - 5 7/8"  
DLO: FRAME HEIGHT - 8"

DM= DW / NUMBER OF PANELS  
SEE SHEET 3 AND 4 FOR DETAILS

TYPICAL DRAIN PAN  
SEE SHEET 11 OF 13

**TABLE 1A**  
DOOR WITH MORE THAN 4 PANELS  
DOOR WITH REINFORCEMENT - SECTIONS 7 AND 6

PANEL WIDTH	FRAME HEIGHT	PD RATING		GLASS TYPE	
		(+)	(-)		
30	80	90.0	100.0	A B	
	84	90.0	100.0	A B	
	96	90.0	99.6	A B	
	100	89.1	89.1	A B	
	104	75.9	75.9	A B	
	108	65.1	65.1	A B	
	36	80	90.0	100.0	A B
84		90.0	100.0	A B	
96		86.2	86.2	A B	
100		75.4	75.4	A B	
104		64.2	64.2	A B	
108		55.0	55.0	A B	
42		80	90.0	96.0	A B
	84	90.0	91.4	A B	
	96	76.8	76.8	A B	
	100	65.9	65.9	A B	
	104	56.0	56.0	A B	
	108	47.9	47.9	A B	
	48	80	84.0	84.0	A B
84		80.0	80.0	A B	
88		76.4	76.4	A B	
92		73.0	73.0	A B	
96		70.0	70.0	A B	
54		80	74.7	74.7	A B
		85	70.3	70.3	A B

NOTE: PANEL WIDTH IN INCHES  
FRAME HEIGHT IN INCHES  
PRESSURE RATING IN PSF  
2" THRESHOLD LIMITED TO +50 PSF

**TABLE 2**  
DOOR WITH LESS THAN 4 PANELS  
DOOR WITHOUT REINFORCEMENT - SECTIONS 4 AND 5

PANEL WIDTH	FRAME HEIGHT	PD RATING		GLASS TYPE	
		(+)	(-)		
30	80	70.0	70.0	A B	
	84	70.0	70.0	A B	
	96	70.0	70.0	A B	
	100	70.0	70.0	A B	
	104	70.0	70.0	A B	
	108	65.1	65.1	A B	
	36	80	70.0	70.0	A B
84		70.0	70.0	A B	
96		70.0	70.0	A B	
100		70.0	70.0	A B	
104		64.2	64.2	A B	
108		55.0	55.0	A B	
42		80	70.0	70.0	A B
	84	70.0	70.0	A B	
	96	70.0	70.0	A B	
	100	65.9	65.9	A B	
	104	56.0	56.0	A B	
	108	47.9	47.9	A B	
	48	80	70.0	70.0	A B
84		70.0	70.0	A B	
88		70.0	70.0	A B	
92		70.0	70.0	A B	
96		70.0	70.0	A B	
54		80	70.0	70.0	A B
		84	70.0	70.0	A B

NOTE: PANEL WIDTH IN INCHES  
FRAME HEIGHT IN INCHES  
PRESSURE RATING IN PSF  
2" THRESHOLD LIMITED TO +50 PSF

MANUFACTURER:

**S E**  
**SOUTHEASTERN**  
Manufacturers of Impact Resistant Sliding Glass Doors

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

PRODUCT:  
**ATLAS PLUS**  
SERIES 5000 ALUMINUM  
SLIDING GLASS DOOR  
LARGE MISSILE IMPACT

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MIAMI-DADE BCCO:

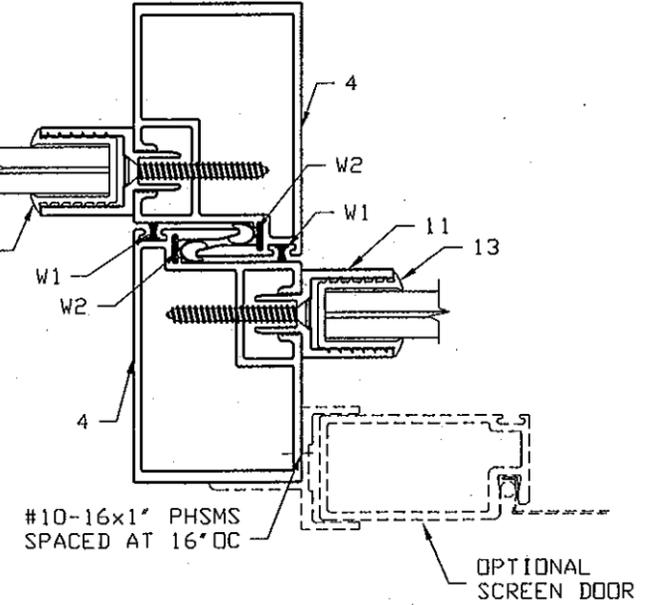
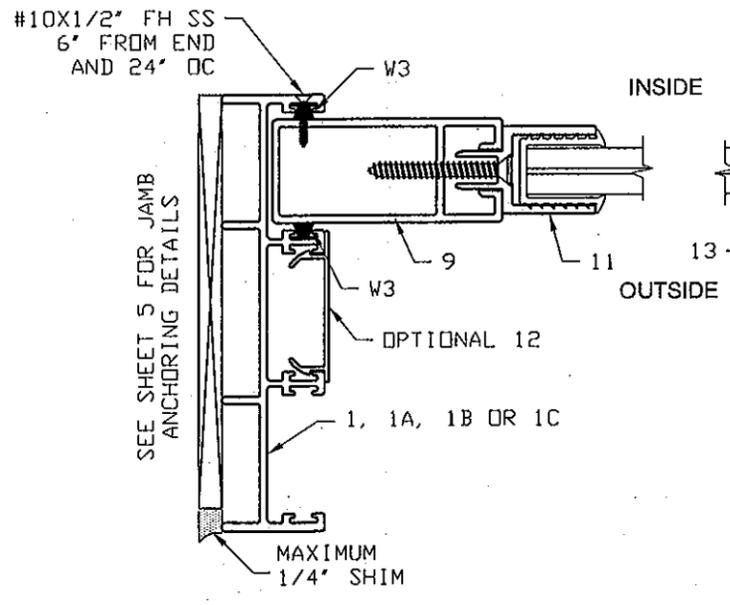
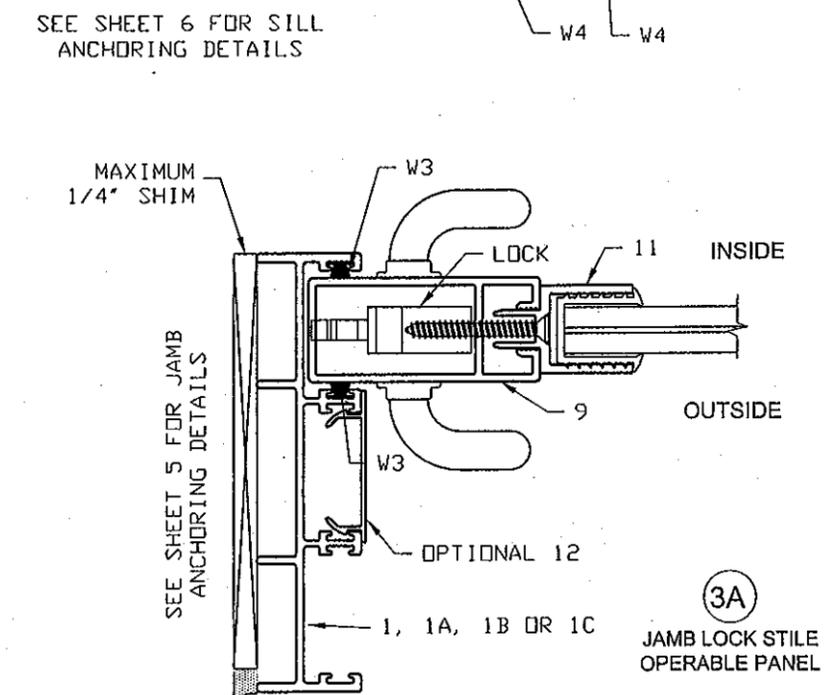
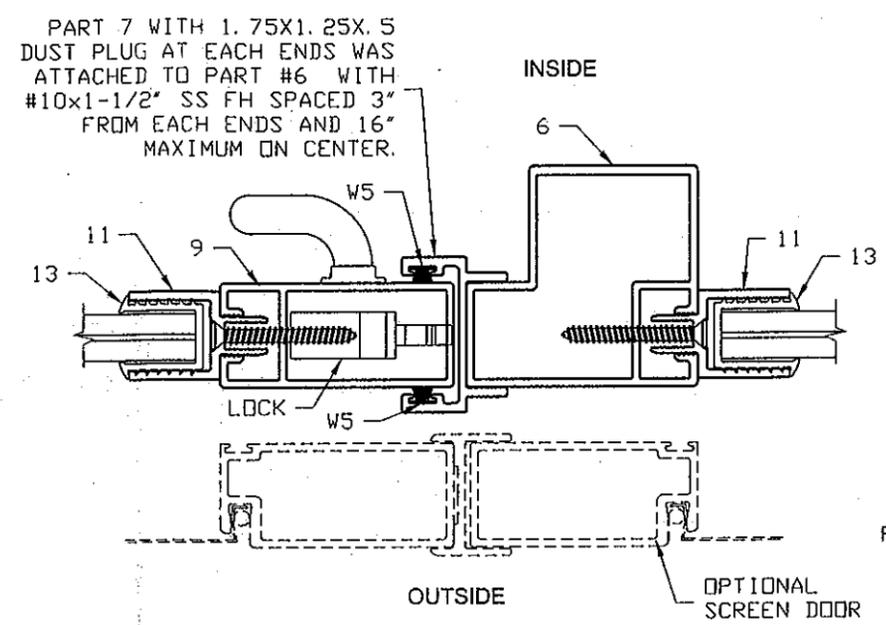
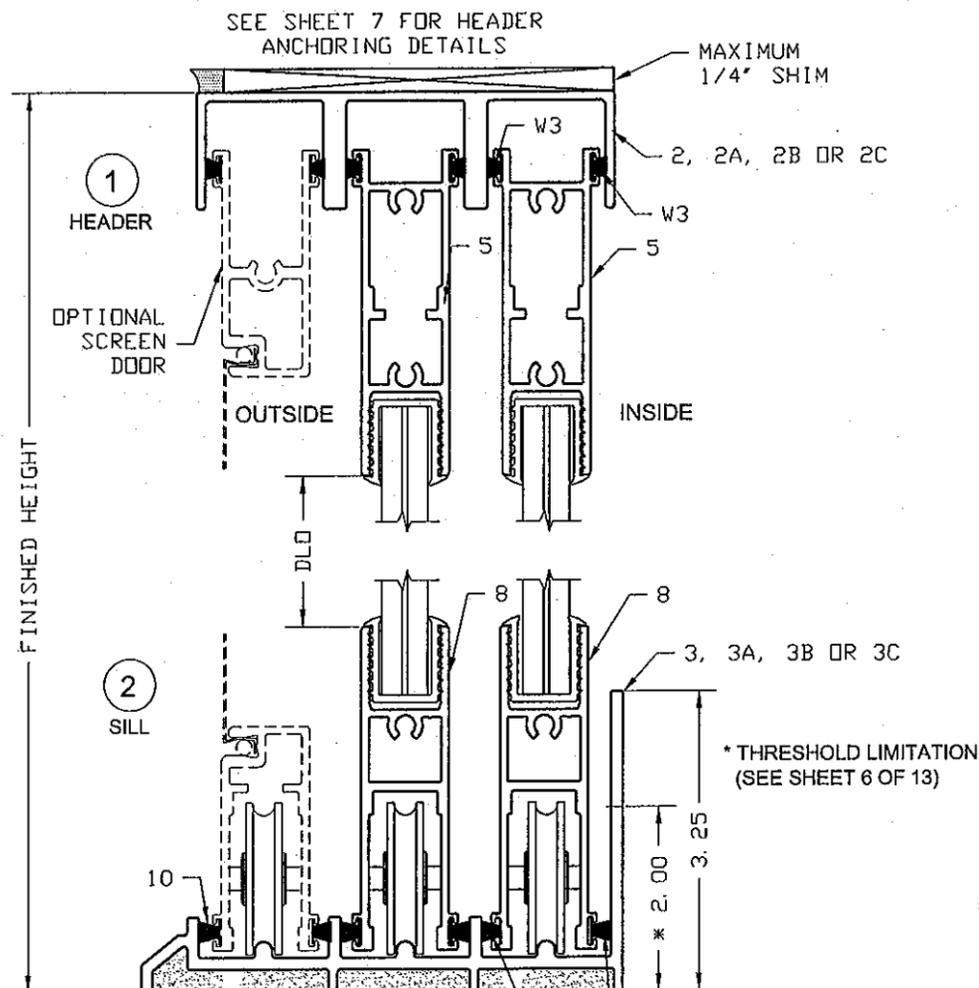
PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 12-0223-03  
Expiration Date 06/26/13

Date: 12/28/12  
Scale: NA  
Design by: PPMF

Drawing Number  
**12-014**

SHEET  
2 of 13

TYPICAL SECTION DETAILS



MANUFACTURER:

**SE**

**SOUTHEASTERN**

*Manufacturers of Impact Resistant Sliding Glass Doors*

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

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SERIES 5000 ALUMINUM SLIDING GLASS DOOR  
 LARGE MISSILE IMPACT

Engineering:

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CA 8116  
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 Davie, FL 33314  
 Tel.: (954) 585-0304  
 Fax: (954) 585-0305  
 ENGCO@AOL.COM

**PEDRO M. DE FIGUEIREDO**  
 LICENSE No. 52609  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 MAY 03 2012

MIAMI-DADE BCCO:

**PRODUCT REVIEWED**  
 in compliance with the Florida Building Code  
 Acceptance No 12-0222-03  
 Expiration Date 06/26/13

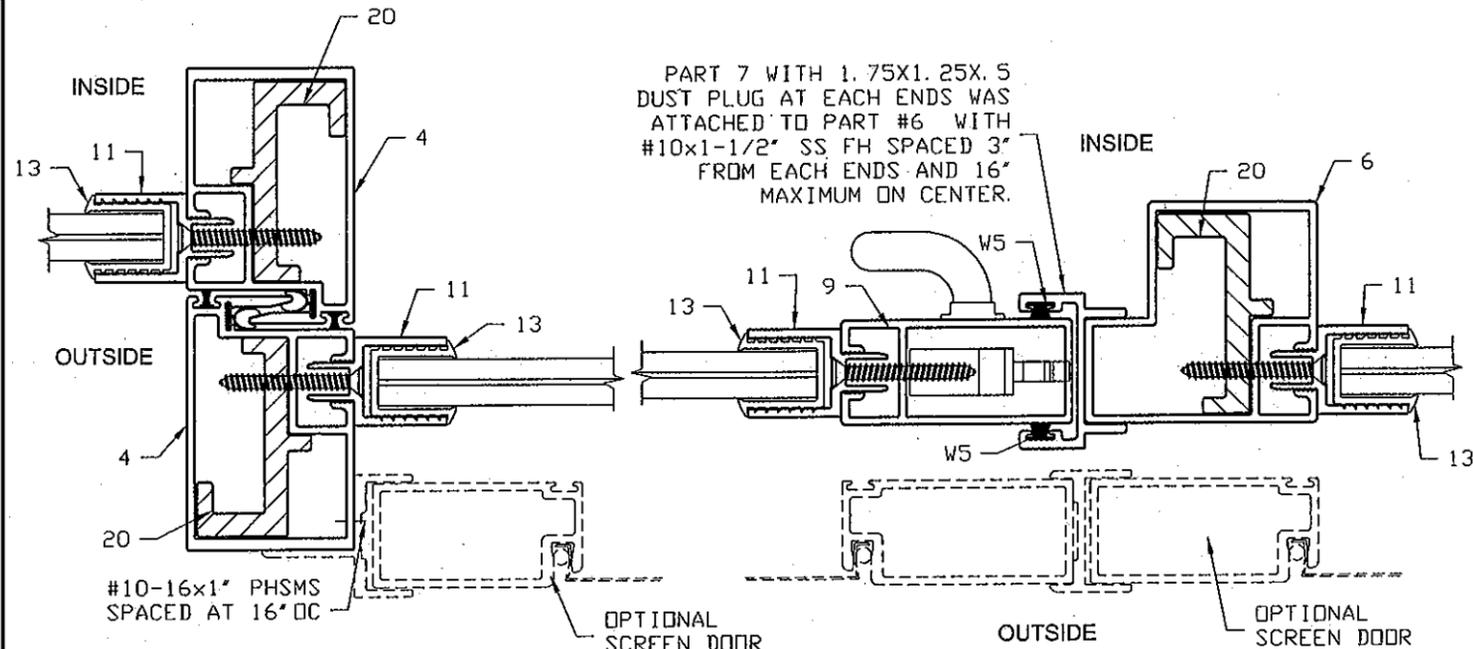
*[Signature]*  
 Miami Dade Product Control

Date: 12/28/12  
 Scale: NA  
 Design by: PPMF

Drawing Number  
**12-014**

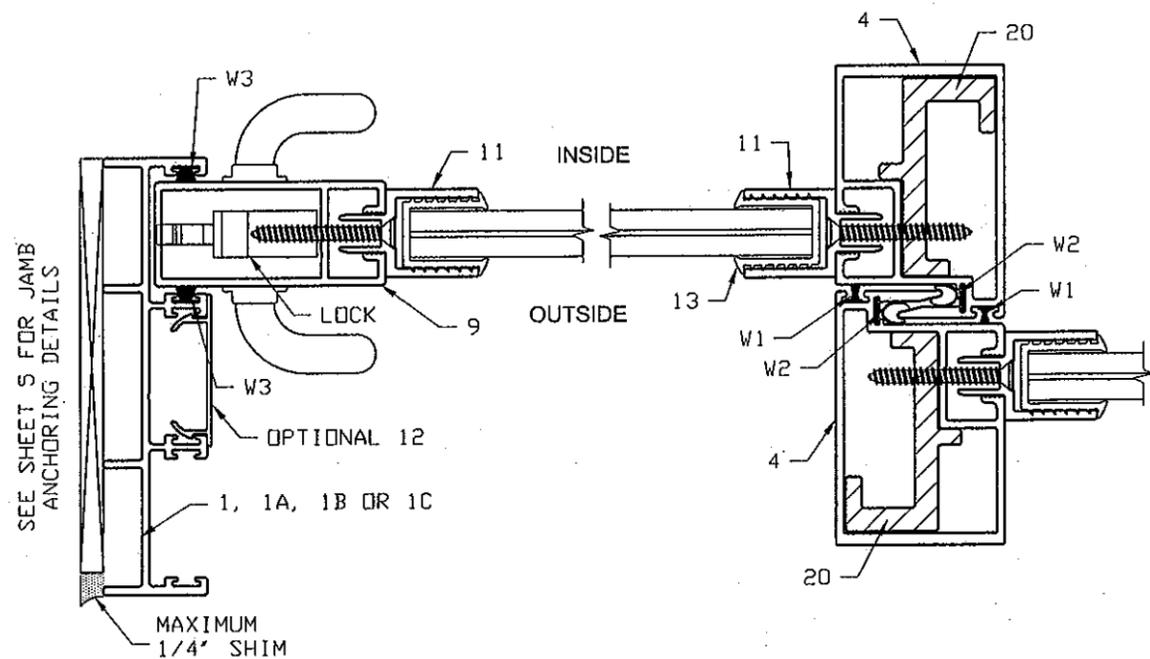
SHEET  
**3 of 13**

TYPICAL SECTION DETAILS



7 INTERLOCK STILE W/ REINFORCEMENT

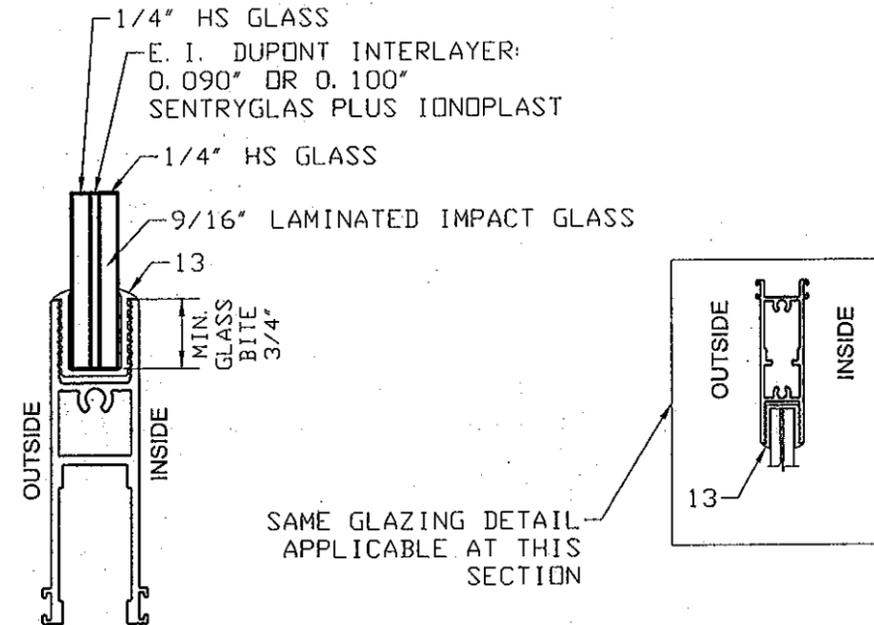
6 MEETING STILE W/ REINFORCEMENT



3A JAMB LOCK STILE OPERABLE PANEL

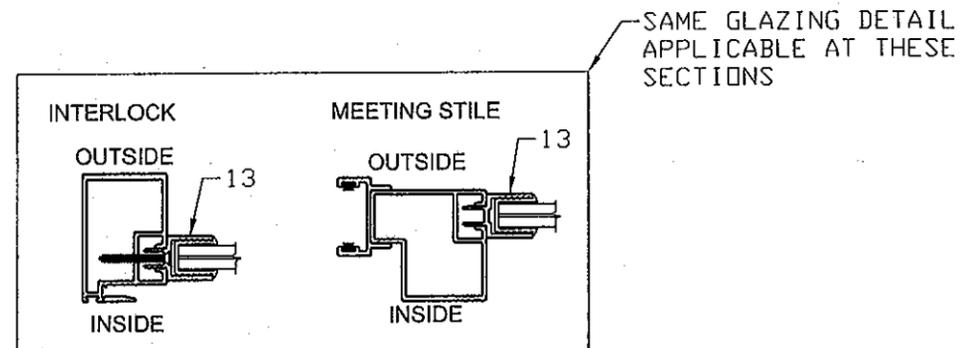
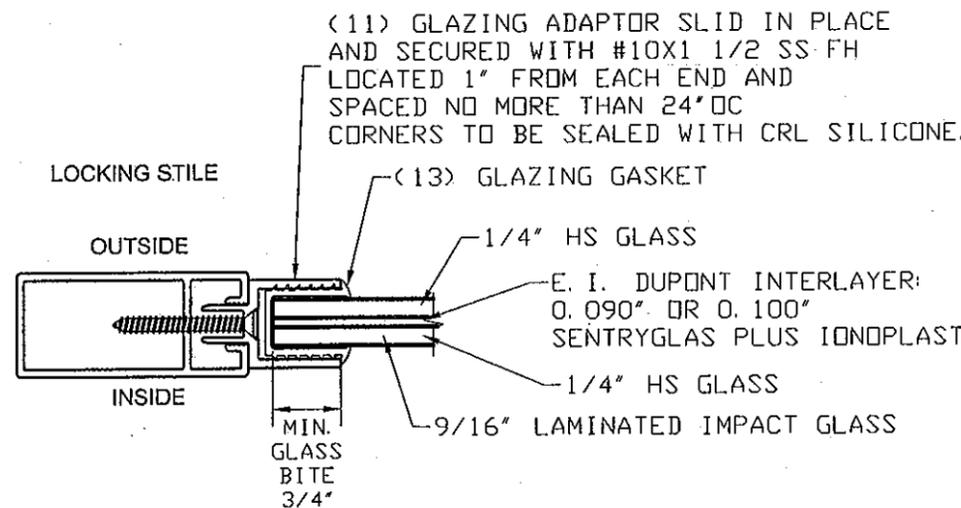
7 INTERLOCK STILE W/ REINFORCEMENT

GLAZING DETAILS



TYPE A GLASS:  
9/16" LAMINATED HS WITH 0.100" E. I. DUPONT SENTRYGLAS INTERLAYER

TYPE B GLASS:  
9/16" LAMINATED HS WITH 0.090" E. I. DUPONT SENTRYGLAS INTERLAYER



MANUFACTURER:

**SE**  
**SOUTHEASTERN**  
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MIAMI-DADE BCCO:

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 12-6223-03  
Expiration Date 06/26/13

Date: 12/28/12  
Scale: NA  
Design by: PPMF

Drawing Number  
12-014

SHEET  
4 of 13



# FRAMING ANCHORAGE DETAILS

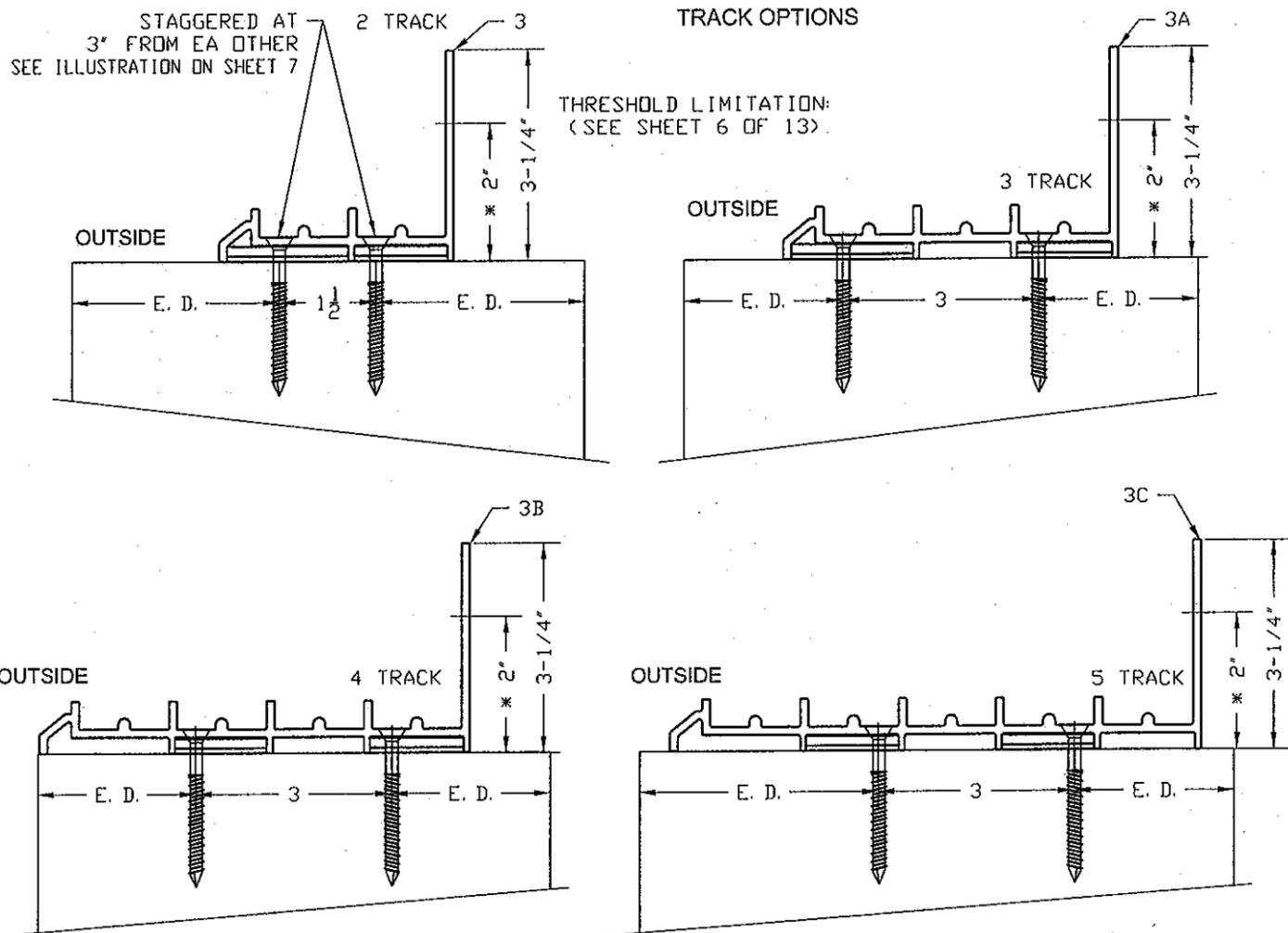
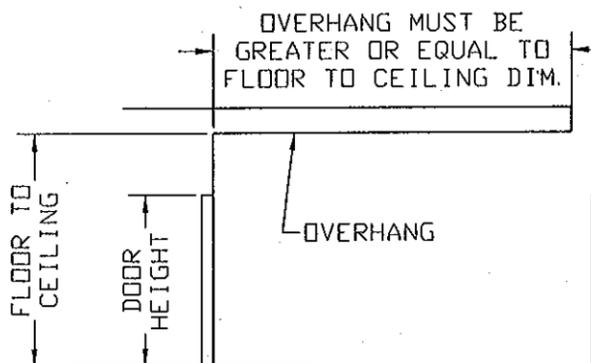


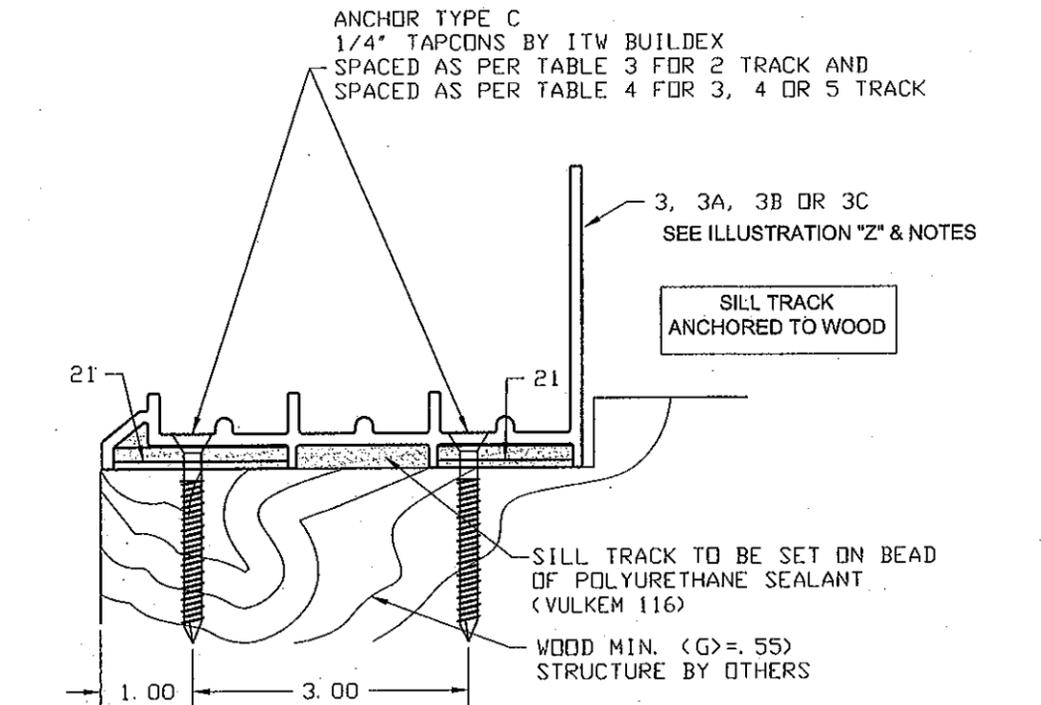
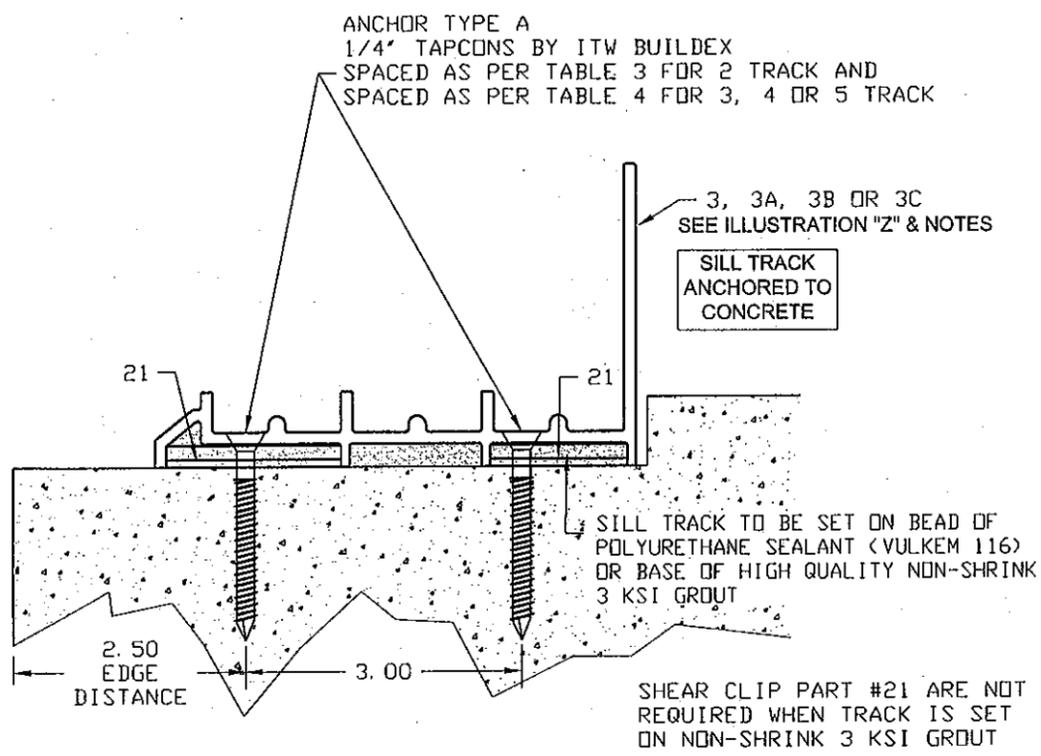
ILLUSTRATION "Z" & NOTES



THRESHOLD TYPE	MAXIMUM PRESSURES (PSF)	
	CASE 1	CASE 2
3-1/4"	+90	+90
2"	+90	+50

CASE 1- DOORS W/ OVERHANG AS PER ILLUSTRATION "Z"  
 CASE 2- DOORS WITHOUT OVERHANG

NOTES:  
 1- THE ABOVE POSITIVE PRESSURES ARE THE MAXIMUM FOR 3-1/4" OR 2" THRESHOLD.  
 2- USE THE LESSER OF THE ABOVE POSITIVE PRESSURE AND THE POSITIVE PRESSURES FROM TABLES 1, 1A OR 2



MANUFACTURER:  
  
**SOUTHEASTERN**  
 Manufacturers of Impact Resistant Sliding Glass Doors  
 1505 COMMERCE LANE, P.O. BOX 794  
 JUPITER, FLORIDA 33458  
 PHONE: (561) 746-5493  
 FAX: (561) 575-1826

PRODUCT:  
**ATLAS PLUS**  
 SERIES 5000 ALUMINUM  
 SLIDING GLASS DOOR  
 LARGE MISSILE IMPACT

Engineering:  
**EngCo Inc.**  
 CA 8116  
 5595 Orange Dr. 201  
 Davie, Fl. 33314  
 Tel.: (954) 585-0304  
 Fax: (954) 585-0305  
 ENGCO@AOL.COM



MIAMI-DADE BCCO:  
**PRODUCT REVISED**  
 in complying with the Florida Building Code  
 Acceptance No 12-0223-63  
 Expiration Date 06/26/13  
 Miami Dade Product Control

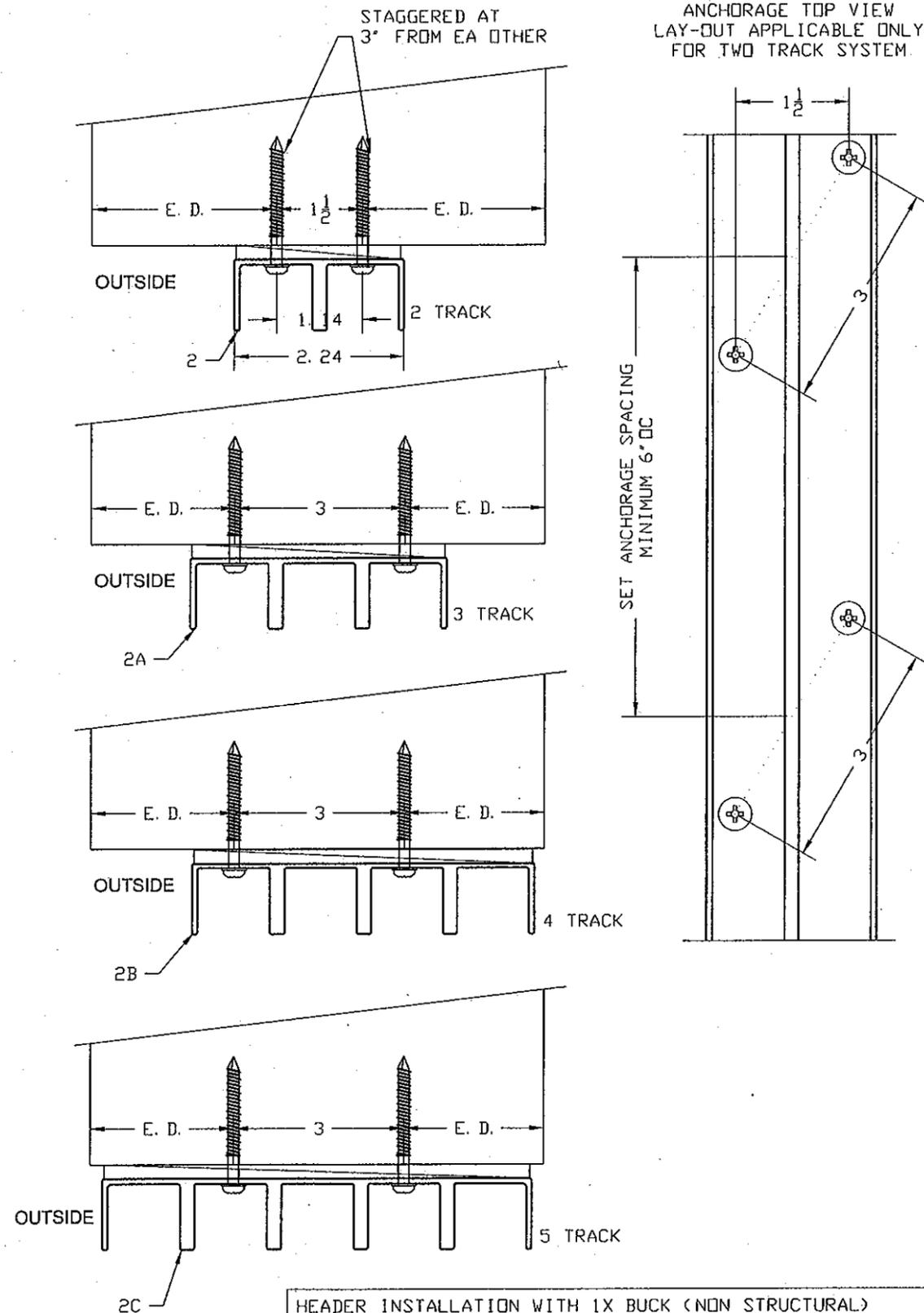
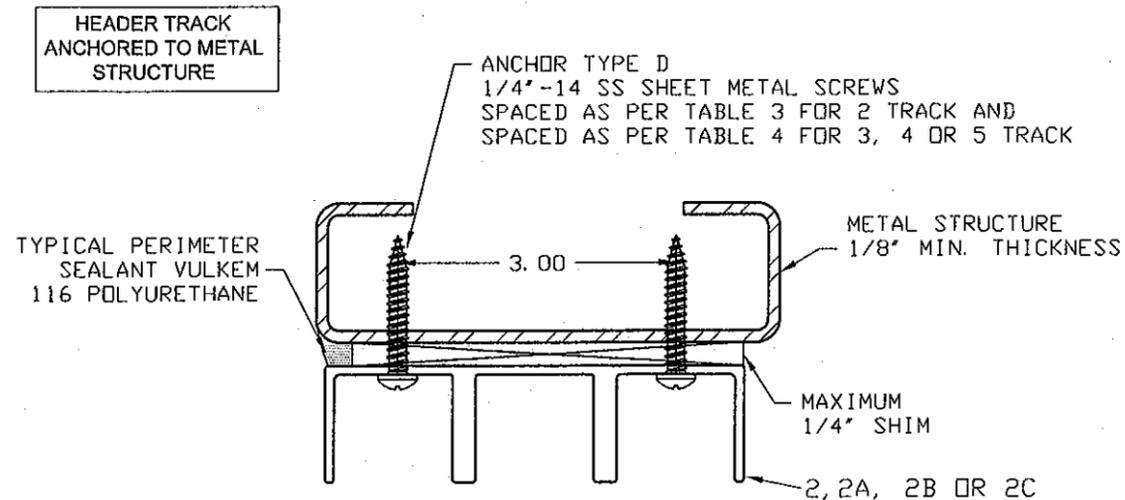
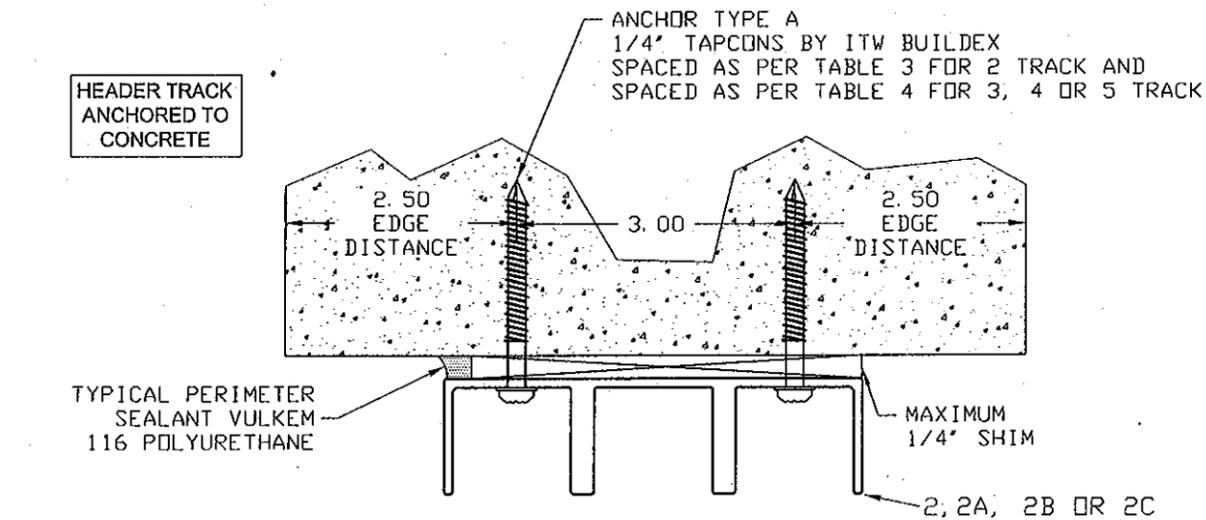
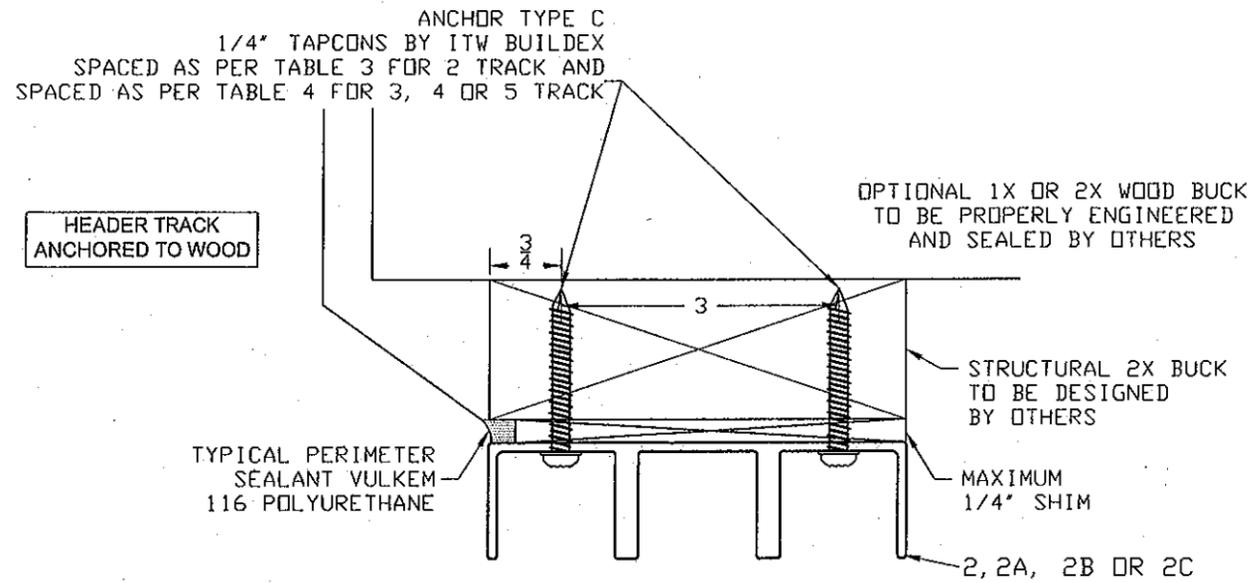
Date: 12/28/12  
 Scale: NA  
 Design by: PPMF

Drawing Number  
**12-014**

SHEET  
**6 of 13**

DOOR FRAMING

TRACK OPTIONS



HEADER INSTALLATION WITH 1X BUCK (NON STRUCTURAL) IS ACCEPTABLE FOR ANCHORS TYPES A, C OR D INSTALLED AT 12\"/>

MANUFACTURER:



SOUTHEASTERN

Manufacturers of Impact Resistant Sliding Glass Doors

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

PRODUCT: ATLAS PLUS SERIES 5000 ALUMINUM SLIDING GLASS DOOR LARGE MISSILE IMPACT

Engineering: EngCo Inc. CA 8116 5595 Orange Dr. 201 Davie, FL 33314 Tel.: (954) 585-0304 Fax: (954) 585-0305 ENGCO@AOL.COM



MIAMI-DADE BCCO:

PRODUCT REVISED to comply with the Florida Building Code Acceptance No. 12-0223-03 Expiration Date: 06/26/13

Date: 12/28/12 Scale: NA Design by: PPMF

Drawing Number 12-014

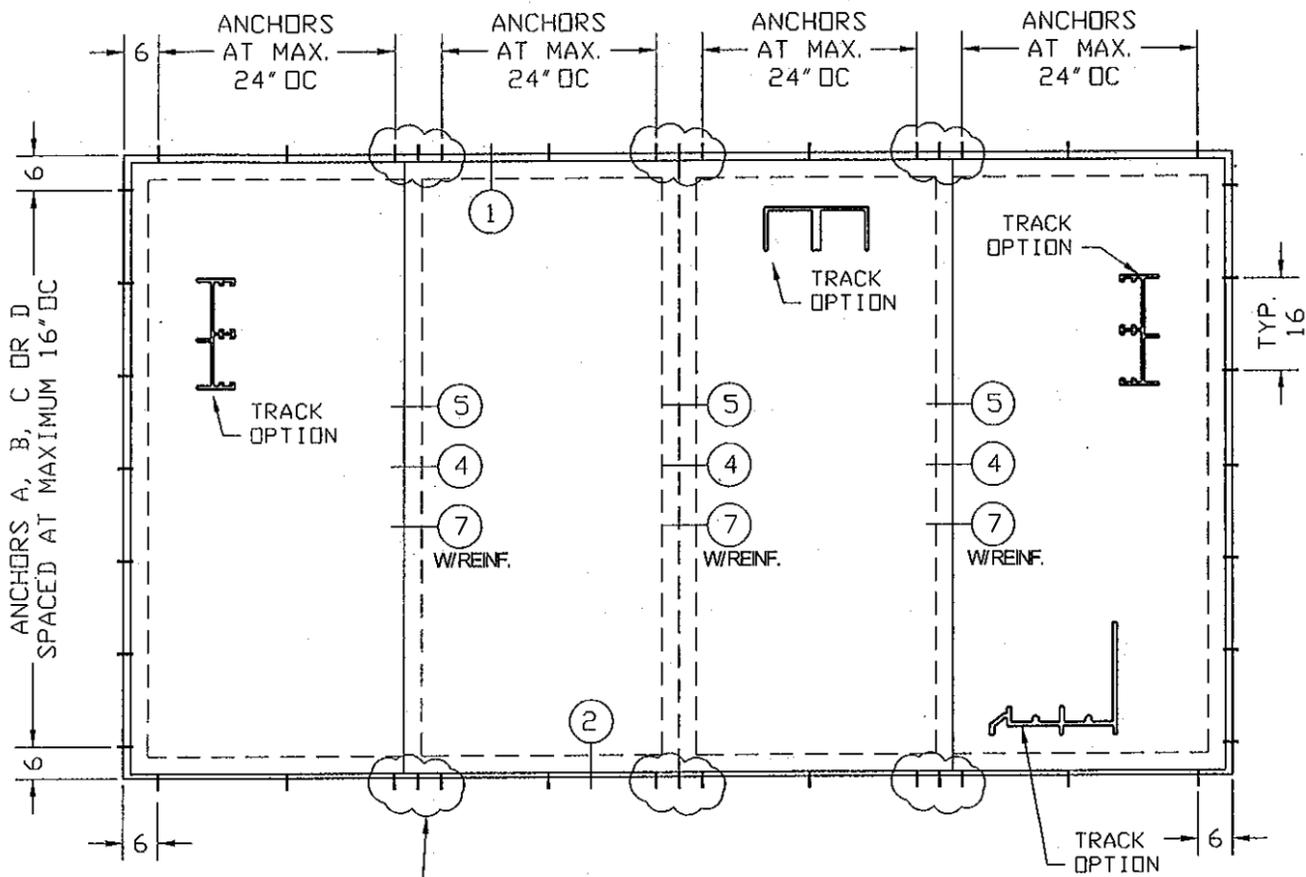
SHEET 7 of 13

# FRAMING ANCHORAGE RATING AND SCHEDULE

**TABLE 3 - (2 TRACK FRAMING) ANCHORAGE CAPACITY IN PSF  
FUNCTION OF ANCHOR TYPE AND NUMBER OF CLUSTERS**

ANCHOR TYPE	PANEL WIDTH	FRAME HEIGHT	A			C			D	
			1	2	3	1	2	3	1	2
30	80	86.6	100.0	100.0	55.0	100.0	100.0	100.0	100.0	
	84	82.5	100.0	100.0	52.3	100.0	100.0	100.0	100.0	
	96	72.2	100.0	100.0	45.8	91.6	100.0	100.0	100.0	
	100	69.3	100.0	100.0	44.0	87.9	100.0	100.0	100.0	
	104	66.6	100.0	100.0	42.3	84.6	100.0	100.0	100.0	
108	64.2	100.0	100.0	40.7	81.4	100.0	99.6	100.0		
36	80	72.2	100.0	100.0	45.8	91.6	100.0	100.0	100.0	
	84	68.8	100.0	100.0	43.6	87.2	100.0	100.0	100.0	
	96	60.2	100.0	100.0	38.2	76.3	100.0	93.3	100.0	
	100	57.8	100.0	100.0	36.6	73.3	100.0	89.6	100.0	
	104	55.5	98.4	98.4	35.2	70.5	98.4	86.2	98.4	
108	53.5	90.1	90.1	33.9	67.9	90.1	83.0	90.1		
42	80	61.9	100.0	100.0	39.3	78.5	100.0	96.0	100.0	
	84	58.9	100.0	100.0	37.4	74.8	100.0	91.4	100.0	
	96	51.6	98.7	98.7	32.7	65.4	98.1	80.0	98.7	
	100	49.5	92.8	92.8	31.4	62.8	92.8	76.8	92.8	
	104	47.6	84.9	84.9	30.2	60.4	84.9	73.8	84.9	
108	45.8	78.5	78.5	29.1	58.2	78.5	71.1	78.5		
48	80	54.2	100.0	100.0	34.4	68.7	100.0	84.0	100.0	
	84	51.6	100.0	100.0	32.7	65.4	98.1	80.0	100.0	
	88	49.2	98.2	98.2	31.2	62.5	93.7	76.4	98.2	
	92	47.1	93.9	93.9	29.9	59.7	89.6	73.0	93.9	
	96	45.1	90.0	90.0	28.6	57.3	85.9	70.0	90.0	
	100	43.3	83.1	83.1	27.5	55.0	82.4	67.2	83.1	
	104	41.7	75.9	75.9	26.4	52.8	75.9	64.6	75.9	
108	40.1	70.0	70.0	25.4	50.9	70.0	62.2	70.0		
54	80	48.1	96.0	96.0	30.5	61.1	91.6	74.7	96.0	
	84	45.8	91.4	91.4	29.1	58.2	87.2	71.1	91.4	
	88	43.8	87.3	87.3	27.8	55.5	83.3	67.9	87.3	
	96	40.1	70.0	70.0	25.4	50.9	70.0	62.2	70.0	
60	80	43.3	86.4	86.4	27.5	55.0	82.4	67.2	86.4	
	84	41.3	77.5	77.5	26.2	52.3	77.5	64.0	77.5	
	86	40.1	70.0	70.0	25.4	50.9	70.0	62.2	70.0	

NUMBER OF CLUSTERS (n)



TYPICAL PAIR OF ANCHOR CLUSTERED IN 1, 2 OR 3 SETS SPACED AT 6" OC SEE TABLE 3 FOR CAPACITY

TABLE 3 EXAMPLE:

DOOR PANEL = 48" -- FRAME HEIGHT = 96"  
 HEADER & SILL ANCHOR TYPE A:  
 WITH 1 CLUSTER - MAXIMUM PRESSURE PD = ±45.1 PSF  
 WITH 2 CLUSTER - MAXIMUM PRESSURE PD = ±90.0 PSF  
 WITH 3 CLUSTER - MAXIMUM PRESSURE PD = ±90.0 PSF

ANCHOR TYPES:	MINIMUM EDGE DISTANCE (E. D.)
A- 1/4" TAPCON BY ITW WITH 1 3/4" MIN. EMBEDMENT INTO 3000 psi CONCRETE	2 1/2"
B- 1/4" TAPCON BY ITW WITH 1 1/4" MIN. EMBEDMENT INTO HOLLOW BLOCK	2 1/2"
C- 1/4" TAPCON BY ITW WITH 1 1/2" MIN. EMBEDMENT INTO PT WOOD (SG= .55)	3/4"
D- 1/4"-14 SS SHEET METAL SCREWS INTO 1/8" METAL STRUCTURES	1/2"

- NOTES:
- 1- MINIMUM EMBEDMENT ARE BEYOND WALL DRESSING.
  - 2- TAPCONS WITH FLAT, HEX AND/OR PAN HEADS CAN BE USED.
  - 3- METAL STRUCTURES ARE ASTM A36 STEEL OR 6063-T6 ALUMINUM
  - 4- ANCHOR TYPE D MUST HAVE A MINIMUM 3 THREADS EMBEDMENT
  - 5- JAMB ANCHORS SPACING TO BE REDUCED TO 12" OC WHEN INSTALLED OVER 1X BUCK
  - 6- HEADER ANCHORAGE SPACING TO BE REDUCED TO 12" OC IN BETWEEN CLUSTERS WHEN OVER 1X BUCK
  - 7- HEADER ANCHORAGE CLUSTERS TO BE INCREASED TO 6 WHEN INSTALLED OVER 1X BUCK

MANUFACTURER:  
  
**SOUTHEASTERN**  
 Manufacturers of Impact Resistant Sliding Glass Doors  
 1505 COMMERCE LANE, P.O. BOX 794  
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 PHONE: (561) 746-5493  
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PRODUCT:  
**ATLAS PLUS**  
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 LARGE MISSILE IMPACT

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 CA 8116  
 5595 Orange Dr. 201  
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 Tel.: (954) 585-0304  
 Fax: (954) 585-0305  
 ENGCO@AOL.COM



MIAMI-DADE BCCO:  
 PRODUCT REVISED  
 In compliance with the Florida Building Code  
 Amendment No. 12-0223-03  
 Expiration Date 06/26/13  
 Pedro M. de Figueiredo  
 Miami Dade Product Control

Date: 12/28/12  
 Scale: NA  
 Design by: PPMF

Drawing Number  
**12-014**

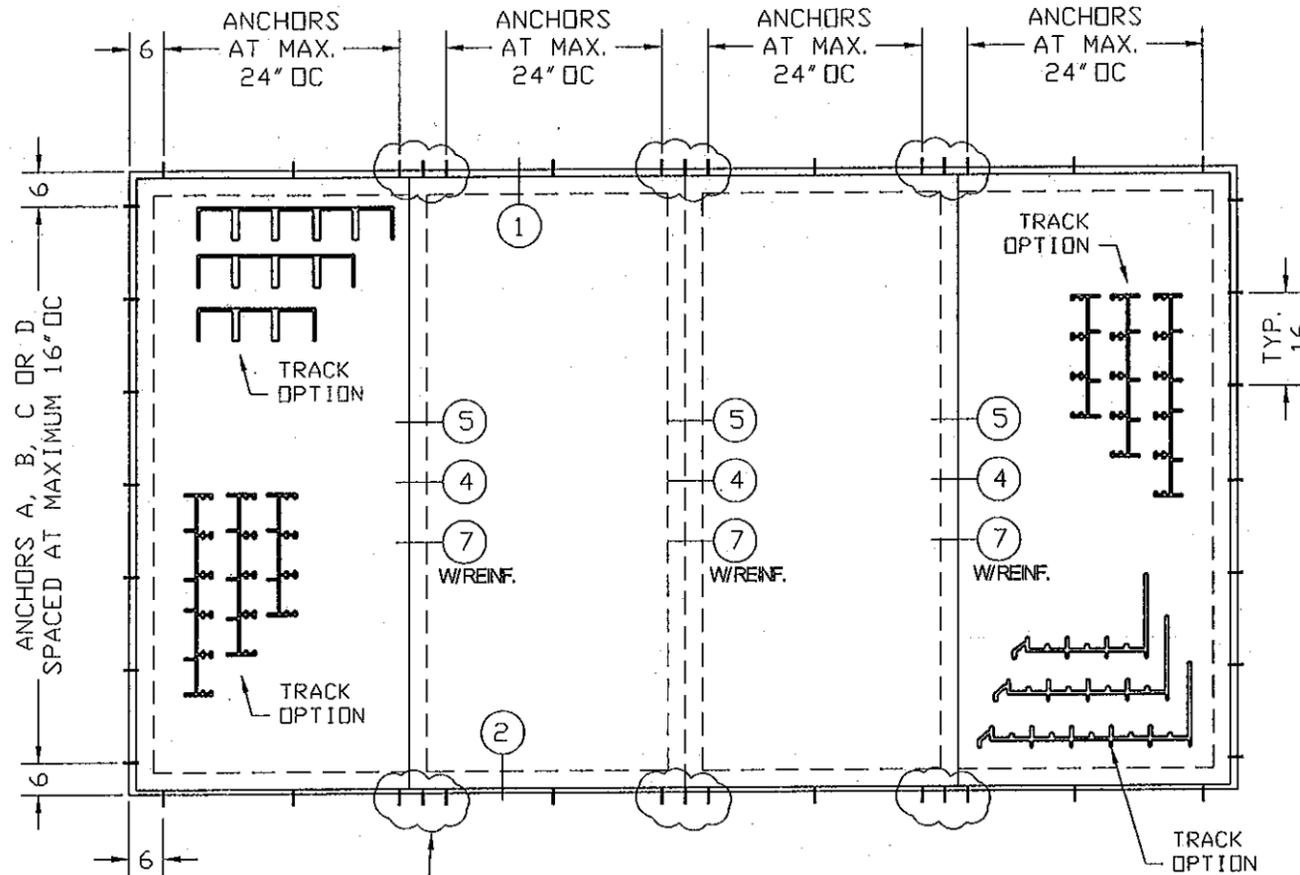
SHEET  
**8 of 13**

## FRAMING ANCHORAGE SELECTION

**TABLE 4 - (3, 4 OR 5 TRACK FRAMING) ANCHORAGE CAPACITY IN PSF  
FUNCTION OF ANCHOR TYPE AND NUMBER OF CLUSTERS**

ANCHOR TYPE	PANEL WIDTH	FRAME HEIGHT	A			C			D	
			1	2	3	1	2	3	1	2
30	80	86.6	100.0	100.0	55.0	100.0	100.0	100.0	100.0	
	84	82.5	100.0	100.0	52.3	100.0	100.0	100.0	100.0	
	96	72.2	100.0	100.0	45.8	91.6	100.0	100.0	100.0	
	100	69.3	100.0	100.0	44.0	87.9	100.0	100.0	100.0	
	104	66.6	100.0	100.0	42.3	84.6	100.0	100.0	100.0	
108	64.2	100.0	100.0	40.7	81.4	100.0	99.6	100.0		
36	80	72.2	100.0	100.0	45.8	91.6	100.0	100.0	100.0	
	84	68.8	100.0	100.0	43.6	87.2	100.0	100.0	100.0	
	96	60.2	100.0	100.0	38.2	76.3	100.0	93.3	100.0	
	100	57.8	100.0	100.0	36.6	73.3	100.0	89.6	100.0	
	104	55.5	98.4	98.4	35.2	70.5	98.4	86.2	98.4	
108	53.5	90.1	90.1	33.9	67.9	90.1	83.0	90.1		
42	80	61.9	100.0	100.0	39.3	78.5	100.0	96.0	100.0	
	84	58.9	100.0	100.0	37.4	74.8	100.0	91.4	100.0	
	96	51.6	98.7	98.7	32.7	65.4	98.1	80.0	98.7	
	100	49.5	92.8	92.8	31.4	62.8	92.8	76.8	92.8	
	104	47.6	84.9	84.9	30.2	60.4	84.9	73.8	84.9	
108	45.8	78.5	78.5	29.1	58.2	78.5	71.1	78.5		
48	80	54.2	100.0	100.0	34.4	68.7	100.0	84.0	100.0	
	84	51.6	100.0	100.0	32.7	65.4	98.1	80.0	100.0	
	88	49.2	98.2	98.2	31.2	62.5	93.7	76.4	98.2	
	92	47.1	93.9	93.9	29.9	59.7	89.6	73.0	93.9	
	96	45.1	90.0	90.0	28.6	57.3	85.9	70.0	90.0	
	100	43.3	83.1	83.1	27.5	55.0	82.4	67.2	83.1	
	104	41.7	75.9	75.9	26.4	52.8	75.9	64.6	75.9	
54	80	48.1	96.0	96.0	30.5	61.1	91.6	74.7	96.0	
	84	45.8	91.4	91.4	29.1	58.2	87.2	71.1	91.4	
	88	43.8	87.3	87.3	27.8	55.5	83.3	67.9	87.3	
	96	40.1	70.0	70.0	25.4	50.9	70.0	62.2	70.0	
60	80	43.3	86.4	86.4	27.5	55.0	82.4	67.2	86.4	
	84	41.3	77.5	77.5	26.2	52.3	77.5	64.0	77.5	
	86	40.1	70.0	70.0	25.4	50.9	70.0	62.2	70.0	

NUMBER OF CLUSTERS (n)



TYPICAL PAIR OF ANCHOR CLUSTERED IN 1, 2 OR 3 SETS SPACED AT 6" OC SEE TABLE 4 FOR CAPACITY

TABLE 4 EXAMPLE:

DOOR PANEL= 48" -- FRAME HEIGHT= 96"  
HEADER & SILL ANCHOR TYPE A:  
WITH 1 CLUSTER - MAXIMUM PRESSURE PD= ±45.1 PSF  
WITH 2 CLUSTER - MAXIMUM PRESSURE PD= ±90.0 PSF  
WITH 3 CLUSTER - MAXIMUM PRESSURE PD= ±90.0 PSF

ANCHOR TYPES:	MINIMUM EDGE DISTANCE (E. D.)
A- 1/4" TAPCON BY ITW WITH 1 3/4" MIN. EMBEDMENT INTO 3000 psi CONCRETE	2 1/2"
B- 1/4" TAPCON BY ITW WITH 1 1/4" MIN. EMBEDMENT INTO HOLLOW BLOCK	2 1/2"
C- 1/4" TAPCON BY ITW WITH 1 1/2" MIN. EMBEDMENT INTO PT WOOD (SG= .55)	3/4"
D- 1/4"-14 SS SHEET METAL SCREWS INTO 1/8" METAL STRUCTURES	1/2"

**NOTES:**

- 1- MINIMUM EMBEDMENT ARE BEYOND WALL DRESSING.
- 2- TAPCONS WITH FLAT, HEX AND/OR PAN HEADS CAN BE USED.
- 3- METAL STRUCTURES ARE ASTM A36 STEEL OR 6063-T6 ALUMINUM
- 4- ANCHOR TYPE D MUST HAVE A MINIMUM 3 THREADS EMBEDMENT
- 5- JAMB ANCHORS SPACING TO BE REDUCED TO 12" OC WHEN INSTALLED OVER 1X BUCK
- 6- HEADER ANCHORAGE SPACING TO BE REDUCED TO 12" OC IN BETWEEN CLUSTERS WHEN OVER 1X BUCK
- 7- HEADER ANCHORAGE CLUSTERS TO BE INCREASED TO 6 WHEN INSTALLED OVER 1X BUCK

MANUFACTURER:



**SOUTHEASTERN**

Manufacturers of Impact Resistant Sliding Glass Doors

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

PRODUCT:

**ATLAS PLUS**  
SERIES 5000 ALUMINUM  
SLIDING GLASS DOOR  
LARGE MISSILE IMPACT

Engineering:

**EngCo Inc.**

CA 8116  
5595 Orange Dr. 201  
Davie, Fl. 33314  
Tel.: (954) 585-0304  
Fax: (954) 585-0305  
ENGCO@AOL.COM



MIAMI-DADE BCCO:

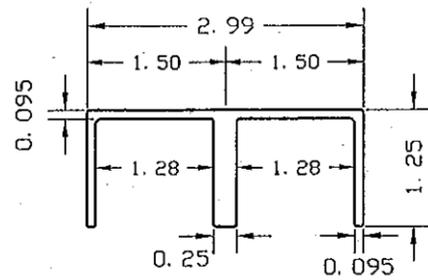
**PRODUCT REVISED**  
in complying with the Florida  
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Acceptance No. 12-0223-03  
Expiration Date 06/26/13  
*[Signature]*  
Miami Date Product Control

Date: 12/28/12  
Scale: NA  
Design by: PPMF

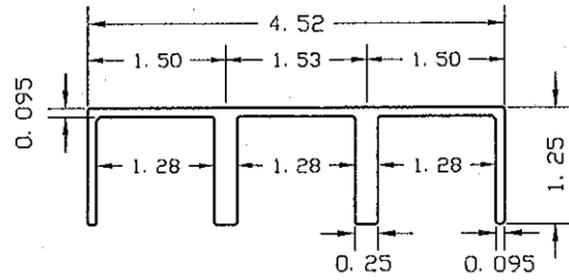
Drawing Number  
**12-014**

SHEET  
**9 of 13**

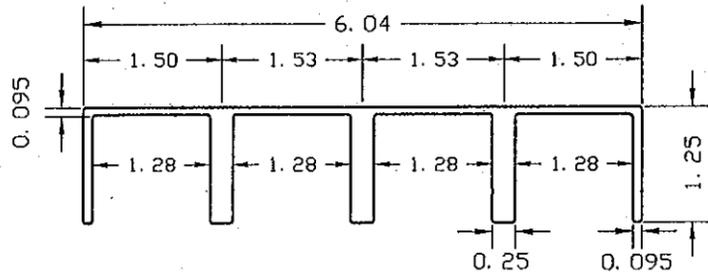
DOOR FRAMING



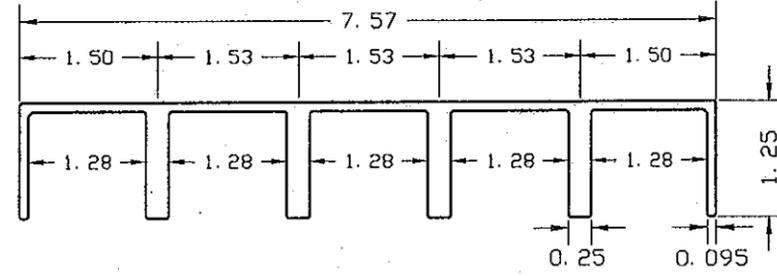
2- TWO TRACK HEADER  
ALLOY: 6063-T6



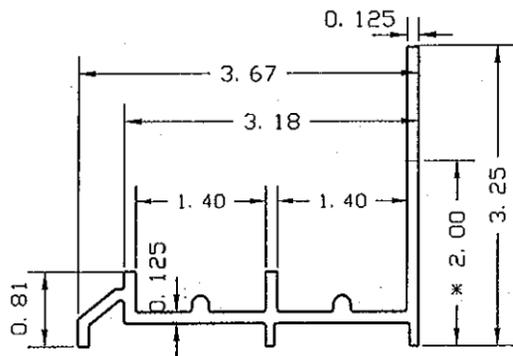
2A- THREE TRACK HEADER  
ALLOY: 6063-T6



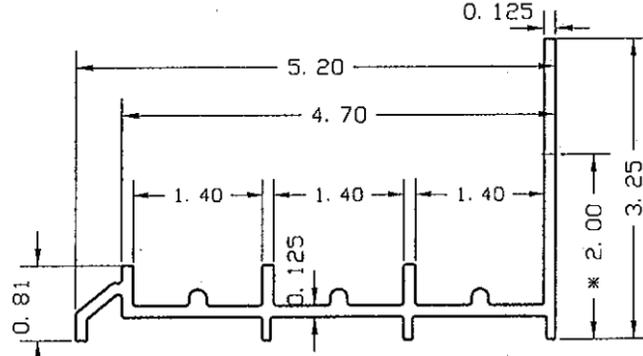
2B- FOUR TRACK HEADER  
ALLOY: 6063-T6



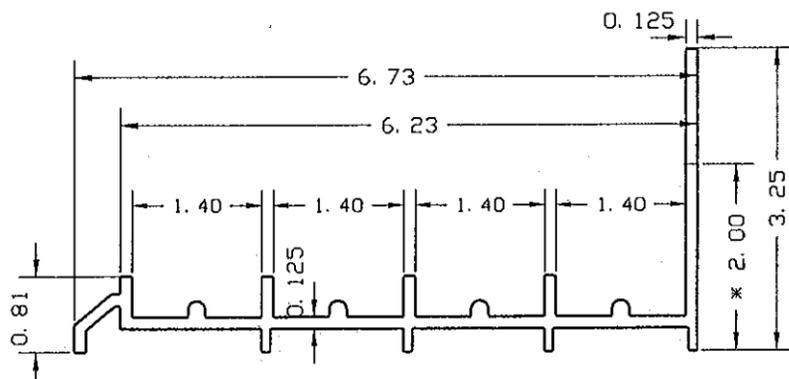
2C- FIVE TRACK HEADER  
ALLOY: 6063-T6



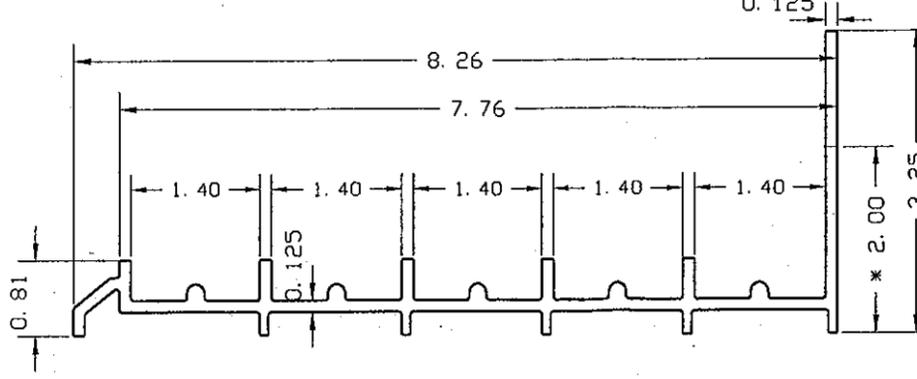
3- 3-1/4" TWO TRACK SILL  
ALLOY: 6063-T6  
\* 2" THRESHOLD LIMITED TO +50 PSF



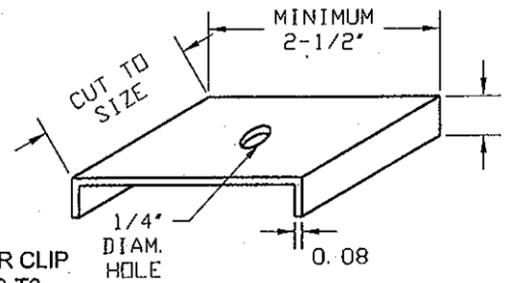
3A- 3-1/4" THREE TRACK SILL  
ALLOY: 6063-T6  
\* 2" THRESHOLD LIMITED TO +50 PSF



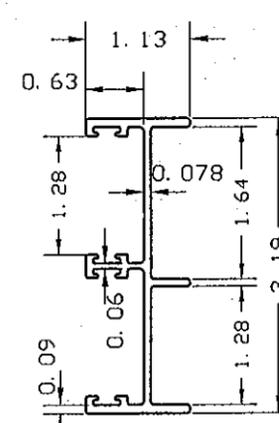
3B- 3-1/4" FOUR TRACK SILL  
ALLOY: 6063-T6  
\* 2" THRESHOLD LIMITED TO +50 PSF



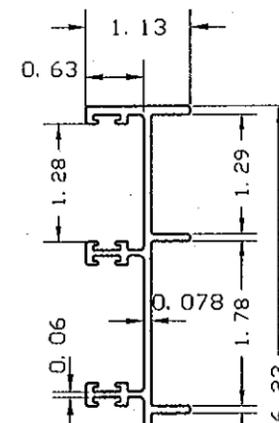
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ALLOY: 6063-T6  
\* 2" THRESHOLD LIMITED TO +50 PSF



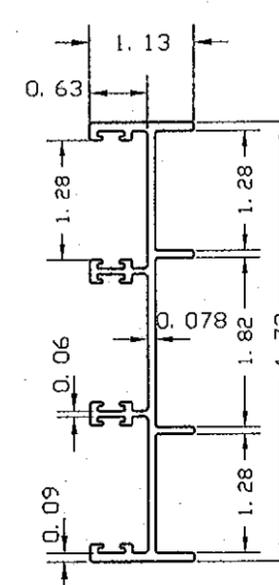
21- JAMB SHEAR CLIP  
ALUMINUM 6063-T6



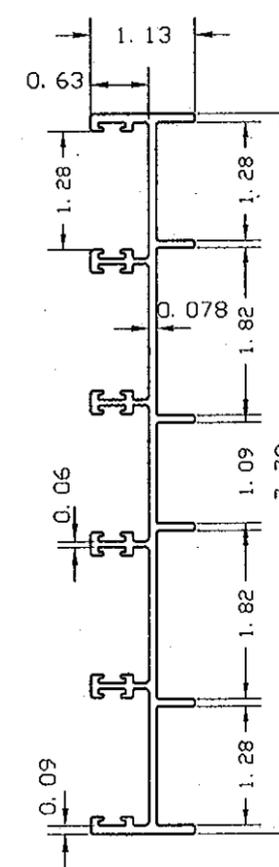
1- TWO TRACK JAMB  
ALLOY: 6063-T6



1B- FOUR TRACK JAMB  
ALLOY: 6063-T6



1A- THREE TRACK JAMB  
ALLOY: 6063-T6

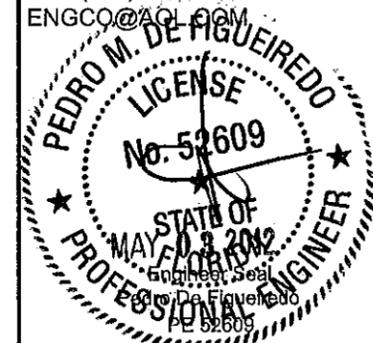


1C- FIVE TRACK JAMB  
ALLOY: 6063-T6

MANUFACTURER:  
**SIE**  
**SOUTHEASTERN**  
Manufacturers of Impact Resistant Sliding Glass Doors  
1505 COMMERCE LANE, P.O. BOX 794  
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MIAMI-DADE BCCO:  
**PRODUCT REVISED**  
to comply with the Florida  
Building Code  
Assurance No. 12-0223.03  
Expiration Date 06/26/13  
Pedro M. De Figueiredo  
Professional Engineer

Date: 12/28/12  
Scale: NA  
Design by: PPMF

Drawing Number  
**12-014**

SHEET  
**10 of 13**

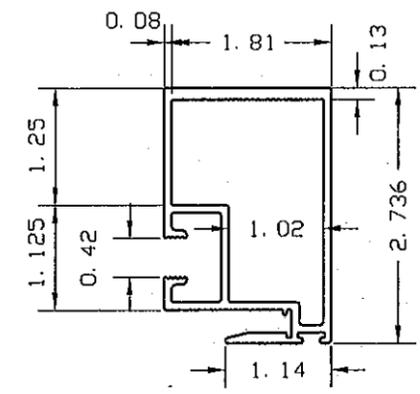
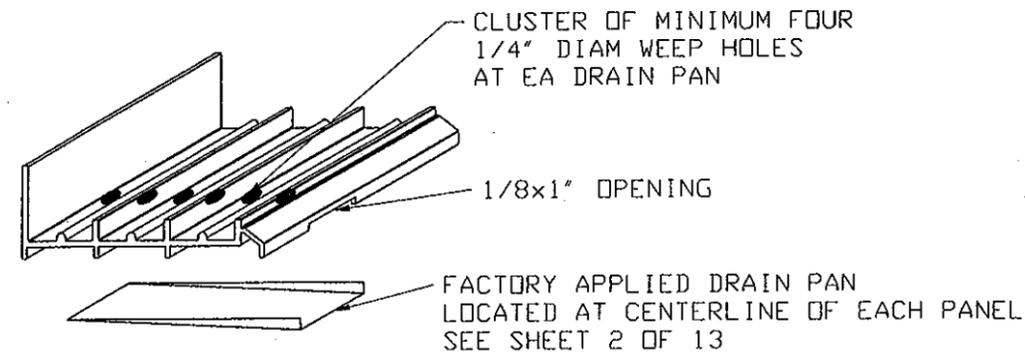
# DOOR PANEL COMPONENTS & BILLOF MATERIALS

## BILL OF MATERIALS

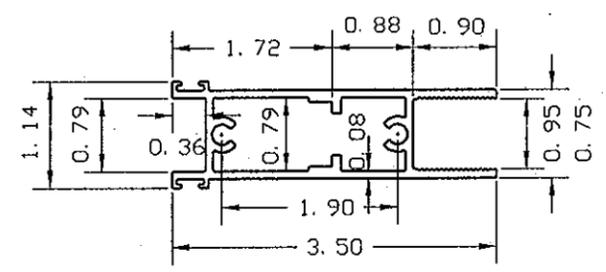
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1B	FOUR TRACK JAMB	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
1C	FIVE TRACK JAMB	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
2	TWO TRACK HEADER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
2A	THREE TRACK HEADER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
2B	FOUR TRACK HEADER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
2C	FIVE TRACK HEADER	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
3	TWO TRACK SILL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
3A	THREE TRACK SILL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
3B	FOUR TRACK SILL	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
3C	FIVE 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	ATLAS END RAIL	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" PILE WEATHER-STRIP	PILE W31255BNG	ULTRAFAB
11	GLAZING ADAPTER	ALUMINUM 6063-T5	SOUTHEASTERN DOOR COMPANY
12	OPTIONAL SNAP COVER	ALUMINUM 6063-T5	SOUTHEASTERN DOOR COMPANY
13	GLAZING GASKET	EXTRUDED VINYL	TEAM PLASTIC
17	1 11/16" DIAM. ROLLER	TANDEM ROLLER	AMESBURY
17A	1 11/16" DIAM. ROLLER	SINGLE ROLLER	AMESBURY
18	#2815-84	MULTI-POINT LOCK	AMESBURY
19	#2470-84	KEEPER	AMESBURY
20	ATLAS INTERLOCK REINF. (FULL LENGTH)	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
21	ANCHOR SHEAR CLIP	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
22	SEALANT VULKEN 116	POLYURETHANE	TREMCO

## WEATHER STRIPPING

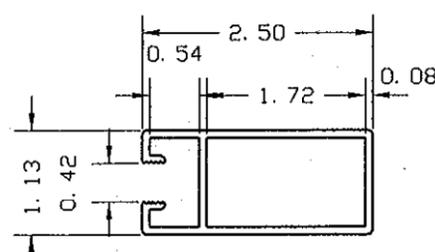
OPERABLE PANELS		
W1	INTERLOCK STILE	ULTRAFAB W31205 SINGLE FIN 3/8" PILE HEIGHT
W2	INTERLOCK STILE	0.638x0.382 TEAM PLASTICS BULB VINYL PART 191
W3	TOP RAIL	ULTRAFAB W31175 SINGLE FIN 3/8" PILE HEIGHT
W4	BOTTOM RAIL	ULTRAFAB W31255 SINGLE FIN 1/2" PILE HEIGHT
W5	ASTRAGAL	ULTRAFAB W31155BNG SINGLE FIN 3/8" PILE HEIGHT
FIXED PANELS		
W6	INTERLOCK STILE	ULTRAFAB W3426BNG SINGLE FIN 3/8" PILE HEIGHT
W2	INTERLOCK STILE	0.638x0.382 TEAM PLASTICS BULB VINYL PART 191
W3	TOP RAIL	ULTRAFAB W31175 SINGLE FIN 3/8" PILE HEIGHT
W4	BOTTOM RAIL	ULTRAFAB W31255 SINGLE FIN 1/2" PILE HEIGHT
FRAME		
W3	JAMB	ULTRAFAB W31175 SINGLE FIN 3/8" PILE HEIGHT
W7	SILL INT. WEEP HOLE	ORCO 1/2" WEEP DRAIN PAN PLUG PART#89080-2618



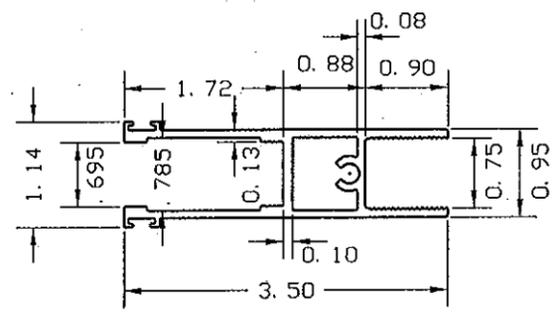
4- ATLAS INTERLOCK  
ALLOY: 6063-T6



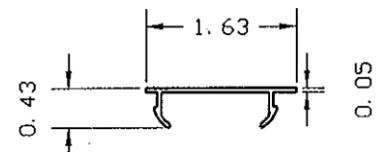
5- DOOR TOP RAIL  
ALLOY: 6063-T6  
ONLY ON OPERABLE PANELS



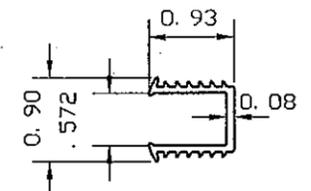
9- DOOR END RAIL  
ALLOY: 6063-T6



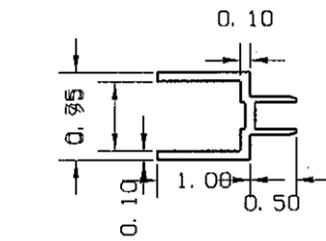
8- DOOR BOTTOM RAIL  
ALLOY: 6063-T6



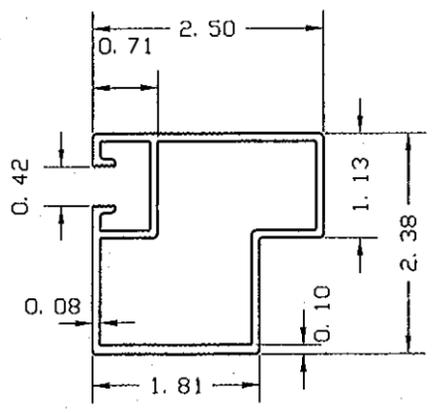
12- OPTIONAL FRAME  
SNAP COVER  
ALLOY: 6063-T6



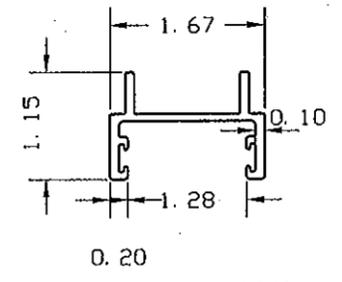
13- GLAZING GASKET  
EXTRUDED PVC 75 DUREMETER  
MARINE GASKET PART# 992  
MADE BY TEAM PLASTICS, INC.



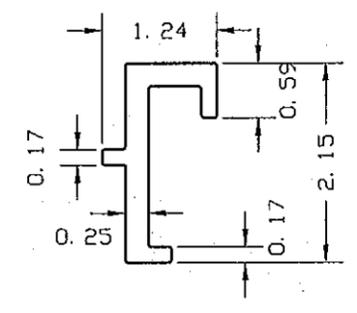
11- GLAZING ADAPTER  
ALLOY: 6063-T5



6- ATLAS END RAIL  
ALLOY: 6063-T6



7- ATLAS DOOR ASTRAGAL  
ALLOY: 6063-T6



20- ATLAS INTERLOCK  
REINFORCEMENT  
6063-T6

MANUFACTURER:



**SOUTHEASTERN**

Manufacturers of Impact Resistant Sliding Glass Doors

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

PRODUCT:

**ATLAS PLUS**  
SERIES 5000 ALUMINUM  
SLIDING GLASS DOOR  
LARGE MISSILE IMPACT

Engineering:

**EngCo Inc.**

CA 8116  
5595 Orange Dr. 201  
Davie, Fl. 33314  
Tel.: (954) 585-0304  
Fax: (954) 585-0305  
ENGCO@AOL.COM



MANUFACTURED BY BCCO:

**PRODUCT REVISION**  
As complying with the Florida  
Building Code  
Acceptance No 12-0223-03  
Expiration Date 06/26/13  
*[Signature]*  
Manufactured Under Product Control

Date: 12/28/12  
Scale: NA  
Design by: PPMF

Drawing Number  
**12-014**

SHEET  
**11 of 13**

DOOR HARDWARE

MANUFACTURER:



SOUTHEASTERN

Manufacturers of Impact Resistant Sliding Glass Doors

1505 COMMERCE LANE, P.O. BOX 794  
 JUPITER, FLORIDA 33458  
 PHONE: (561) 746-5493  
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 Davie, FL 33314  
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 Fax: (954) 585-0305  
 ENGCO@AOL.COM



MIAMI-DADE BCCO:

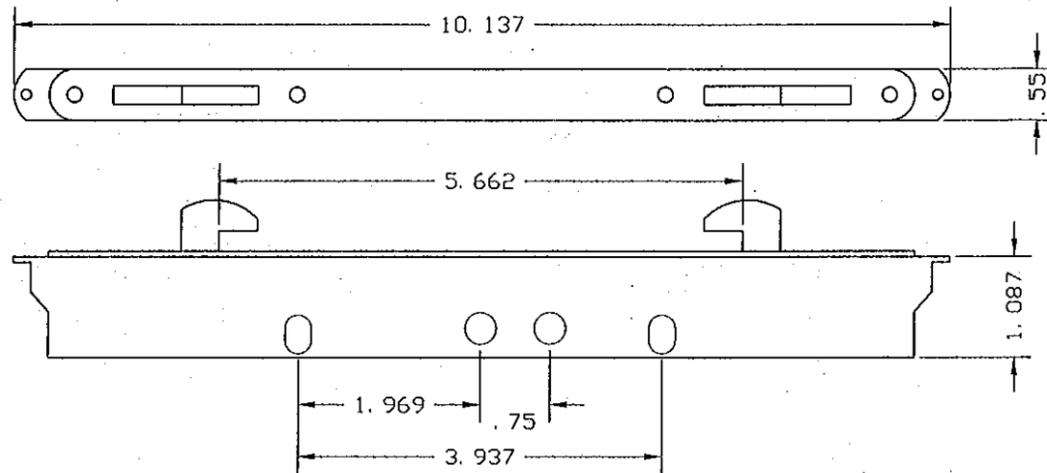
PRODUCT REVISED  
 to comply with the Florida  
 Building Code  
 Acceptance No. 12-0223.03  
 Expiration Date 06/26/13  
 By *[Signature]*  
 Structural Product Control

Date: 12/28/12  
 Scale: NA  
 Design by: PPMF

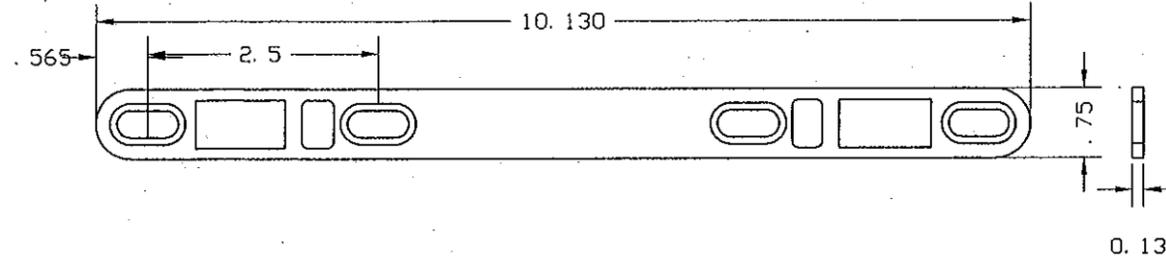
Drawing Number  
 12-014

SHEET  
 12 of 13

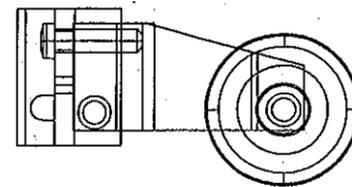
18- DEADLOCK  
 1 MULTIPoint MORTISE LOCK PER LOCK MEETING STILE  
 HARDWARE SUPPLIER: AMESBURY  
 PART #2815-84  
 ATTACHED TO THE DOOR WITH (2) #6X 1/4" SS FLAT HEAD SCREWS.



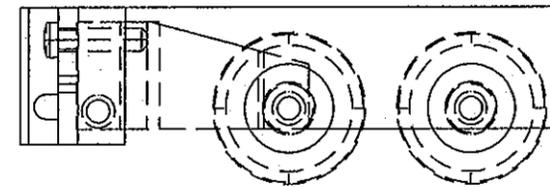
19 - STRIKE PLATE  
 1 KEEPER PER MEETING STILE OR JAMB  
 HARDWARE SUPPLIER: AMESBURY  
 PART #2470-84  
 ATTACHED AT JAMB OR ASTRAGAL RAIL  
 USING FOUR W/ #10-16X 1-1/2" PHSMS.



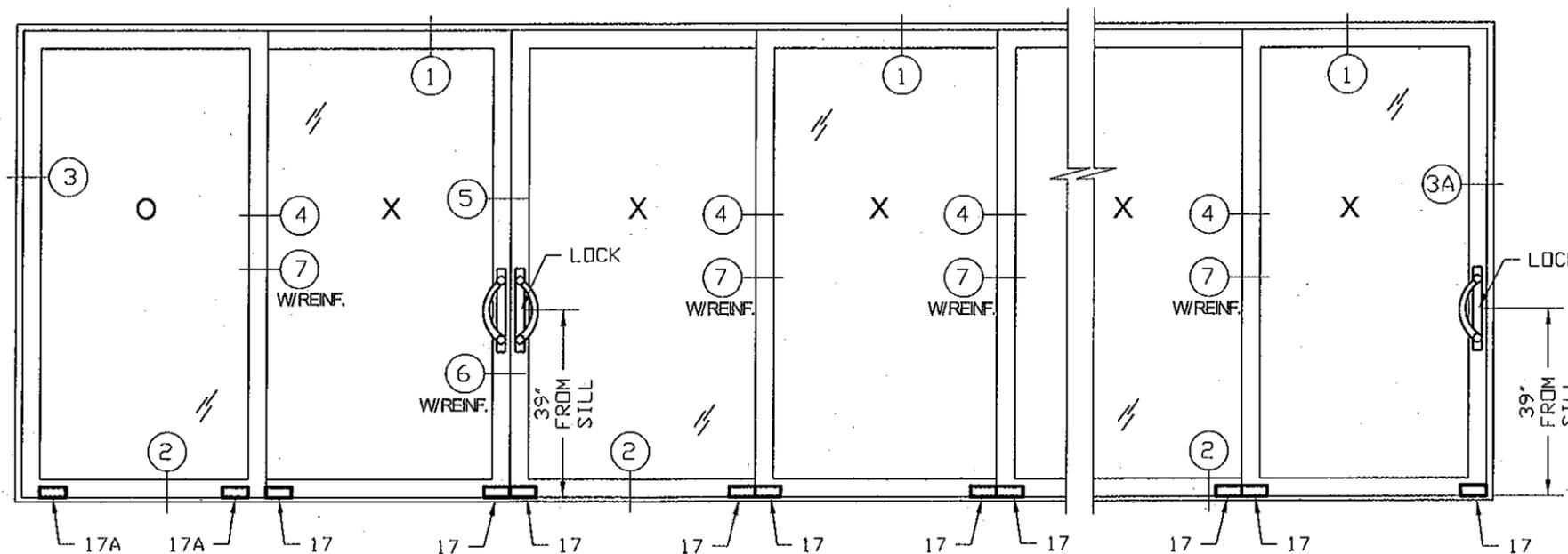
17A- SINGLE WHEEL ASSEMBLY  
 2 PER FIXED DOOR PANEL  
 HARDWARE SUPPLIER: AMESBURY  
 PART #1966-7000-12  
 ADJUSTABLE 1 11/16" DIAMETER NYLON ROLLER  
 ASSEMBLY WITH ALUMINUM HOUSING ATTACHED TO  
 THE BOTTOM RAIL USING ONE 1/4"X1 SS ROD.



17- TANDEM WHEEL ASSEMBLY  
 2 PER OPERABLE DOOR PANEL  
 HARDWARE SUPPLIER: AMESBURY  
 PART #1966-7501-14  
 ADJUSTABLE 1 11/16" DIAMETER NYLON ROLLER  
 ASSEMBLY WITH ALUMINUM HOUSING ATTACHED TO  
 THE BOTTOM RAIL USING ONE 1/4"X1 SS ROD.

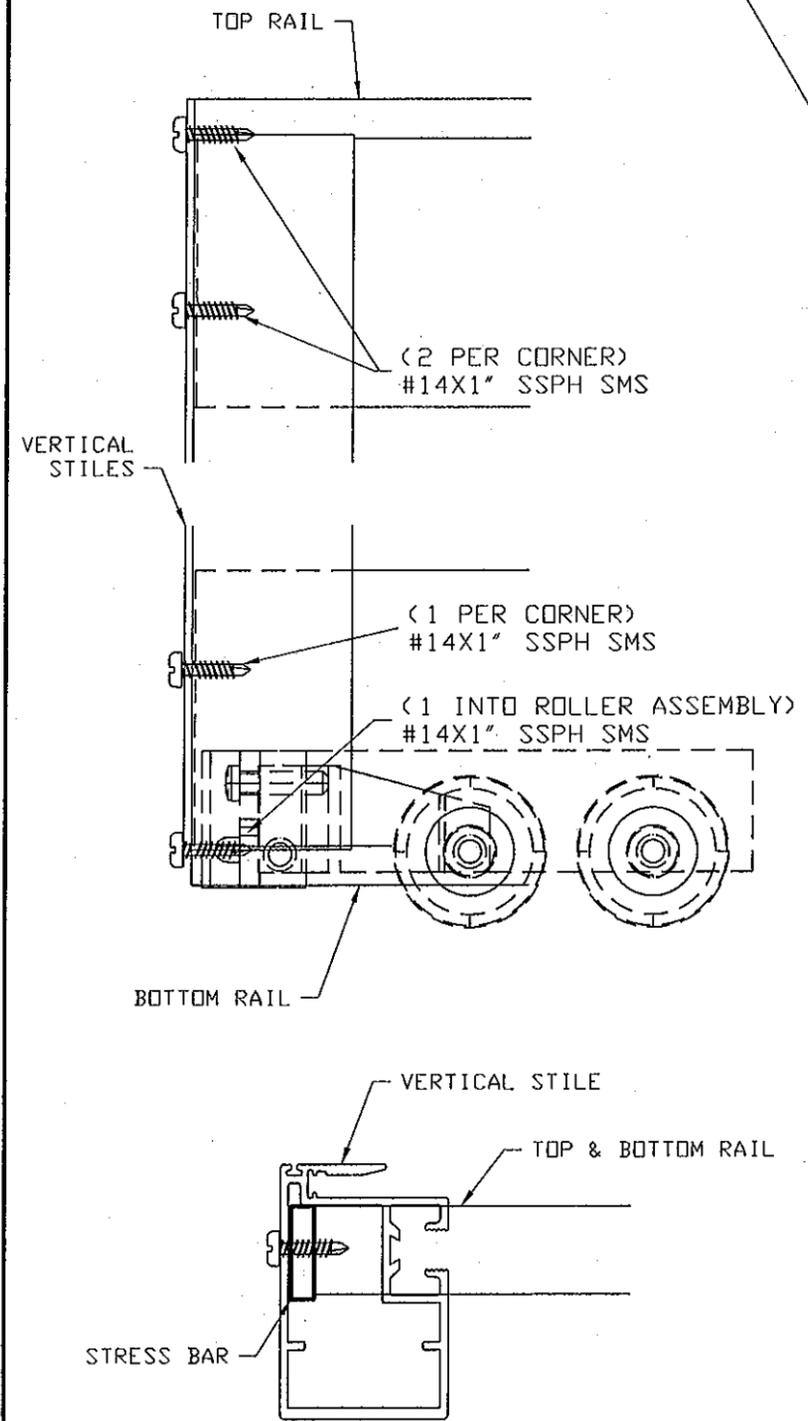


DOOR HARDWARE TYPICAL LOCATIONS



DOOR CORNER ASSEMBLY

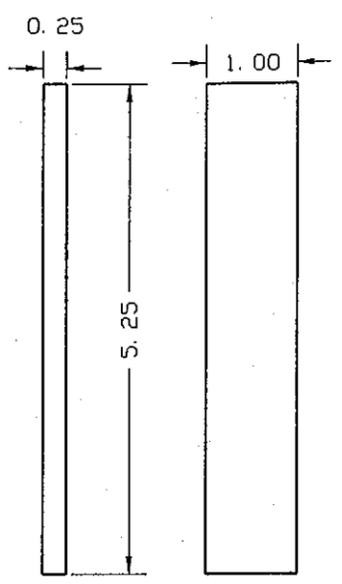
ALL DOOR PANEL JOINTS TO BE SEALED BY USING A BEAD OF SEALANT



(2 PER CORNER) #14X1" SSPH SMS

(1 PER CORNER) #14X1" SSPH SMS

(1 INTO ROLLER ASSEMBLY) #14X1" SSPH SMS



TOP RAIL SQUARE CUT

APPLICABLE ONLY FOR REINFORCED DOORS 1/4-1X5-1/4" 6063-T6 ALUMINUM STRESS BAR LOCATED BETWEEN THE INTERLOCK VERTICAL STILES AND TOP AND BOTTOM RAILS CORNERS

VERTICAL STILE TOP ENDS ARE NOTCHED TO RECEIVE BOTTOM RAIL RIBS AND SECURED BY (2) #14X1 SS

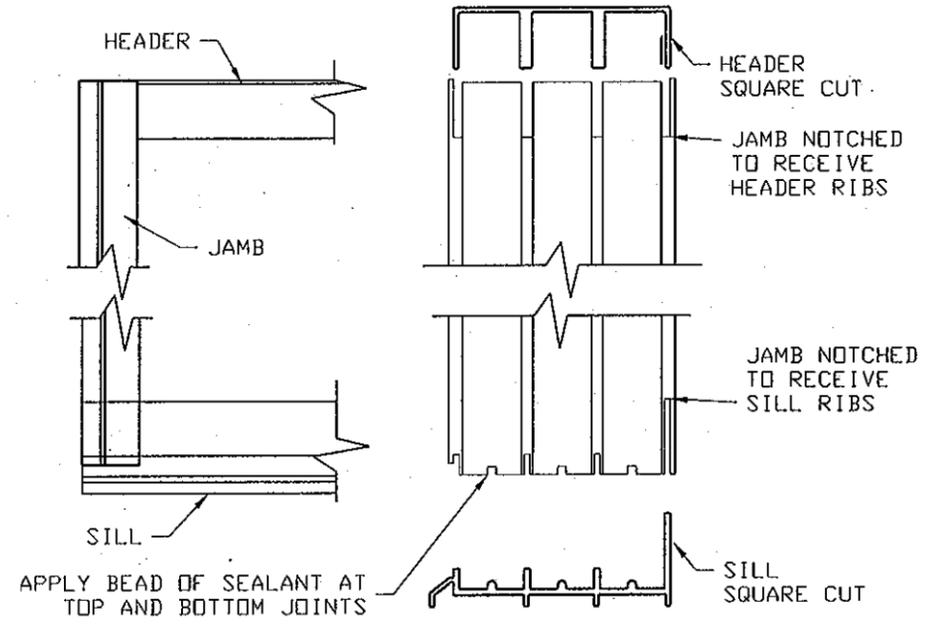
VERTICAL STILE BOTTOM ENDS ARE NOTCHED TO RECEIVE BOTTOM RAIL RIBS AND SECURED BY (1) #14X1 SS AT RAIL AND (1) #14X1 SS INTO ROLLER

BOTTOM RAIL SQUARE CUT

FRAMING CORNER ASSEMBLY

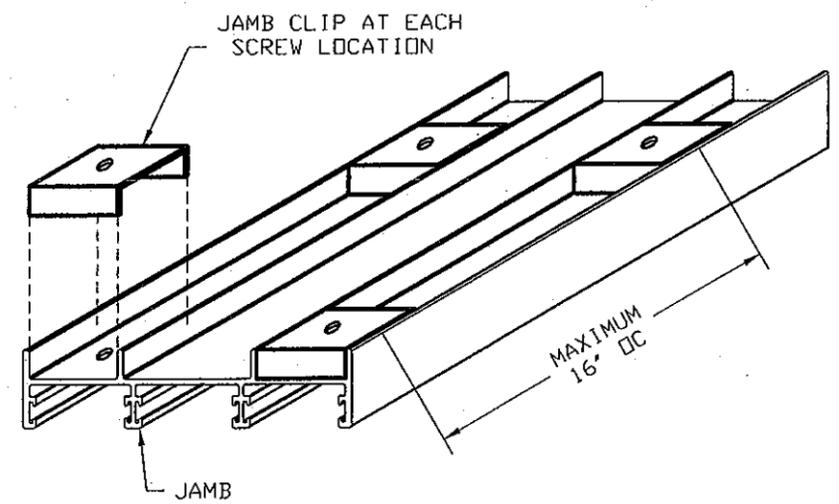
FRONT VIEW

SECTION VIEW



APPLY BEAD OF SEALANT AT TOP AND BOTTOM JOINTS

JAMB SHEAR CLIP ASSEMBLY



SEALANTS

PERIMETER SEALANT	- VULKEN 116 POLYURETHANE SEALANT
FRAME JOINT SEALANT	- CRL SILICONE OR VULKEN POLYURETHANE SEALANT
DOOR PANEL JOINT SEALANT	- CRL SILICONE OR VULKEN POLYURETHANE SEALANT

MANUFACTURER:



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MIAMI-DADE BCCO:

PRODUCT REVISED to comply with the Florida Building Code  
Assurance No. 12-0223.03  
Expiration Date: JUNE 21, 2013  
By: [Signature]  
Miami Dade Product Control

Date: 12/28/12  
Scale: NA  
Design by: PPMF

Drawing Number  
**12-014**

SHEET  
**13 of 13**