



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

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1107  
MIAMI, FLORIDA 33130-1563  
(305) 375-2902 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**Southeastern 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 "Atlas Plus Series 5000" Aluminum Sliding Glass Door – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **09-220R1**, titled "Atlas Plus Series 5000 Aluminum Sliding Glass Door Small Missile Impact", sheets 1 through 13 of 13, prepared by EngCo. Inc., dated 02/05/10, 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: 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 and renews** NOA No. **03-0527.08** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



*J. Gascon  
2/9/10*

**NOA No. 08-0630.02  
Expiration Date: June 26, 2013  
Approval Date: March 03, 2010  
Page 1**

Southeastern Door Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **09-220R1**, titled "Atlas Plus Series 5000 Aluminum Sliding Glass Door Small Missile Impact", sheets 1 through 13 of 13, prepared by EngCo. Inc., dated 02/05/10, 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  
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 a Aluminum Sliding Glass Door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0151-0801-08**, dated 02/12/09, signed and sealed by Vinu J. Abraham, P. E.
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Small Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a Aluminum Sliding Glass Door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0151-0905-09**, dated 10/19/09, signed and sealed by Vinu J. Abraham, P. E.
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a Aluminum Sliding Glass Door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0151-0909-01**, dated 09/07/01, signed and sealed by Vinu J. Abraham, P. E.  
*(Submitted under previous NOA No. 03-0527.08)*
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) 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. **HTL 0151-1105-01**, dated 12/12/01, signed and sealed by Vinu J. Abraham, P. E.  
*(Submitted under previous NOA No. 03-0527.08)*



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 08-0630.02  
Expiration Date: June 26, 2013  
Approval Date: March 03, 2010

**Southeastern Door Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (CONTINUED)**

5. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a Aluminum Sliding Glass Door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0151-1209-02**, dated 12/12/02, signed and sealed by Vinu J. Abraham, P. E. **(Submitted under previous NOA No. 03-0527.08)**
6. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Small Missile Impact Test per FBC, TAS 201-94  
along with marked-up drawings and installation diagram of a Aluminum Sliding Glass Door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0151-0117-03**, dated 01/14/03, signed and sealed by Vinu J. Abraham, P. E. **(Submitted under previous NOA No. 03-0527.08)**

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by EngCo. Inc., dated October 30, 2009 and February 05, 2010, signed and sealed by Pedro De Figueiredo, P. E. **Complies with ASTM E1300-04**

**D. QUALITY ASSURANCE**

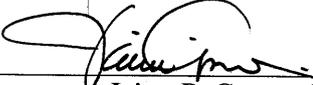
1. Miami-Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.
2. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.

**F. STATEMENTS**

1. Statement letter of conformance and no financial interest, dated October 30, 2009, signed and sealed by Pedro De Figueiredo, P. E.
2. Laboratory compliance letter for Test Reports No.'s **HTL 0151 - 0801 - 08** and **HTL 0151-0905-09**, issued by Hurricane Test Laboratory, Inc., dated February 12 and October 19, 2009, signed and sealed by Vinu J. Abraham, P. E.

  
\_\_\_\_\_  
Jaime D. Gascon, P. E.

Chief, Product Control Division  
NOA No. 08-0630.02  
Expiration Date: June 26, 2013  
Approval Date: March 03, 2010

Southeastern Door Company

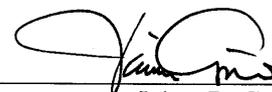
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS (CONTINUED)**

3. Laboratory compliance letter for Test Reports No.'s **HTL 0151 – 0909 – 01**, **HTL 0151–1105–01**, **HTL 0151–1209–02** and **HTL 0151–0117–03**, issued by Hurricane Test Laboratory, Inc., dated 09/07/01, 12/12/01, 12/12/02 and 01/14/03, signed and sealed by Vinu Abraham, P. E.  
*(Submitted under previous NOA No. 03–0527.08)*

**G. OTHERS**

1. Notice of Acceptance No. **03–0527.08**, issued to Southeastern Door Company their Series “**Atlas Plus Aluminum Sliding Glass Door – SMI**”, approved on 06/26/03 and expiring on 06/26/08.



---

Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 08–0630.02  
Expiration Date: June 26, 2013  
Approval Date: March 03, 2010

**GENERAL NOTES: FLORIDA BUILDING CODE 2007**

1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2007 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 (SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL. INSTALLATION OF HURRICANE PROTECTION DEVICES ARE REQUIRED FOR INSTALLATIONS BELOW 30' ELEVATION.

3- POSTING:

"SOUTHEASTERN 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 PRODUCT DESIGNED RATING PRESSURE.

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.

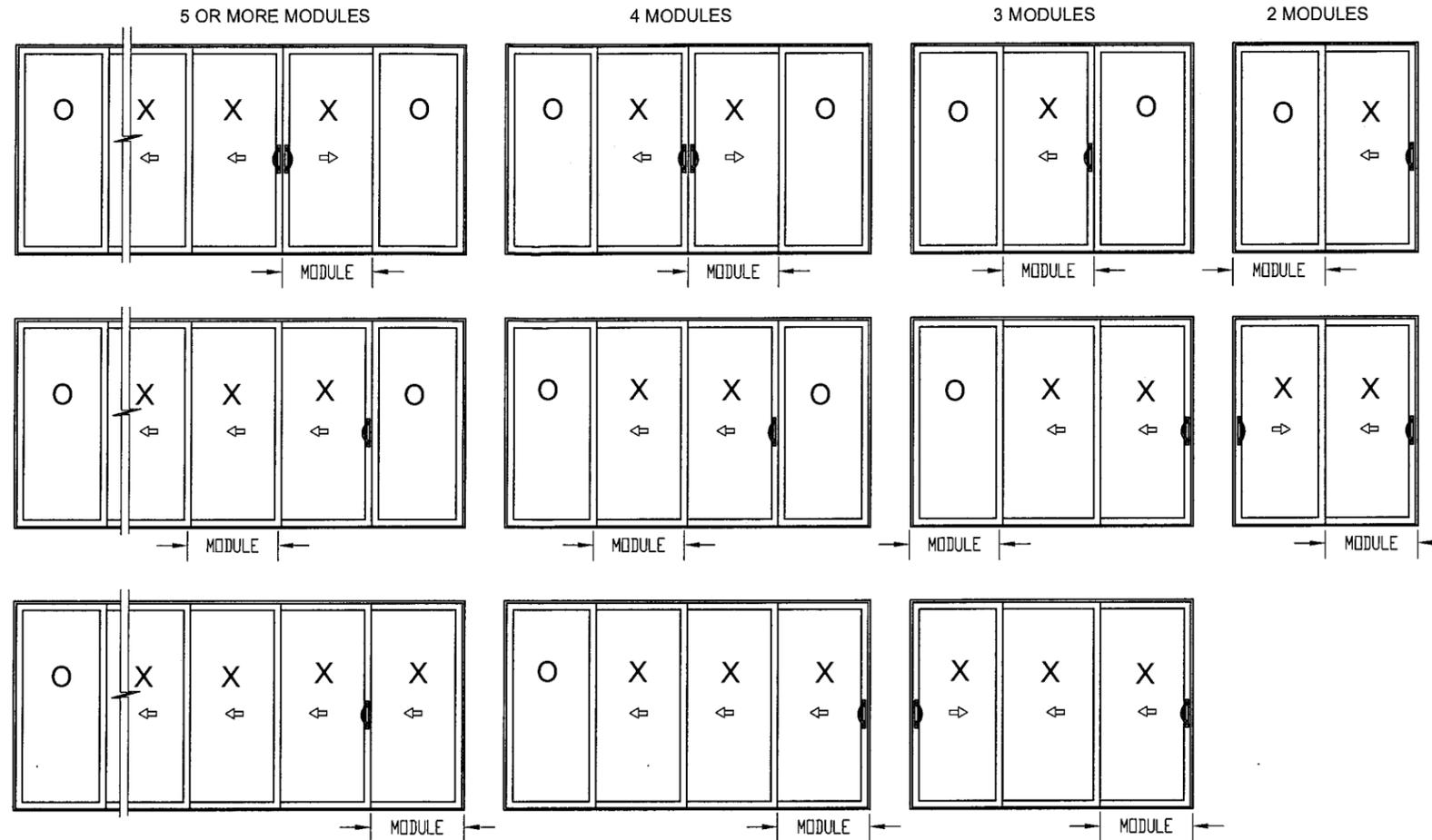
7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.

7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

8- 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.

9- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BUILDING CODE.

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



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

**DESIGN RATINGS:**

SHEET	TABLE	DESCRIPTION
2	1	RATING FOR 4 OR 3 DOOR MODULES WITH REINFORCEMENT
	1	RATING FOR 2 DOOR MODULES WITH REINFORCEMENT
	1A	RATING FOR MORE THAN 4 DOOR MODULES WITH REINFORCEMENT
8	2	RATING FOR 4, 3 OR 2 DOOR MODULES WITHOUT REINFORCEMENT
	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.

**TABLE OF CONTENTS:**

SHEET	DESCRIPTION	SHEET	DESCRIPTION
1	GENERAL NOTES, TYPICAL ELEVATIONS	8	FRAMING ANCHORAGE RATING AND SCHEDULE
2	DESIGN RATING TABLES 1, 1A AND 2	9	FRAMING ANCHORAGE RATING AND SCHEDULE
3	SECTION DETAILS	10	DOOR FRAMING COMPONENTS
4	SECTION DETAILS & GLAZING DETAILS	11	DOOR SASH COMPONENTS AND BILL OF MATERIALS
5	FRAMING ANCHORAGE DETAILS	12	DOOR HARDWARE
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  
SMALL MISSILE IMPACT

Engineering:

**EngCo Inc.**

CA 8116  
6971  
Plantation, FL 33343  
E-MAIL: ENGC@AOL.COM



DRAFTING:

**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. **08-0630-02**  
Expiration Date **05/26/2013**  
By *[Signature]*  
Miami Dade Product Control  
Division

Date: 02/05/10  
Scale: NA  
Design by: PPMF

Drawing Number  
**09-220R1**

SHEET  
1 of 13

**TABLE 1**

2 DOOR MODULES W/ REINFORCEMENT  
4 OR 3 DOOR MODULES W/ REINFORCEMENT  
SECTIONS 7 AND 6

MODULE WIDTH	FRAME HEIGHT	# OR DOOR MODULES				GLASS TYPE
		FOUR & THREE		TWO		
		PD RATING (+)	PD RATING (-)	PD RATING (+)	PD RATING (-)	
30	80	90.0	100.0	90.0	100.0	B C
	84	90.0	100.0	90.0	100.0	B C
	96	90.0	100.0	90.0	100.0	B C
	100	90.0	100.0	90.0	100.0	B C
	104	90.0	97.6	90.0	100.0	B C
	108	83.7	83.7	90.0	100.0	B C
36	120	54.6	54.6	66.2	66.2	B C
	80	90.0	100.0	90.0	100.0	B C
	84	90.0	100.0	90.0	100.0	B C
	96	90.0	100.0	90.0	100.0	B C
	100	90.0	97.0	90.0	100.0	B C
	104	82.6	82.6	90.0	100.0	B C
42	108	70.7	70.7	85.7	85.7	B C
	120	46.0	46.0	55.8	55.8	B C
	80	90.0	100.0	90.0	100.0	B C
	84	90.0	100.0	90.0	100.0	B C
	96	90.0	98.7	90.0	100.0	B C
	100	84.7	84.7	90.0	100.0	B C
48	104	72.0	72.0	87.3	87.3	B C
	108	61.6	61.6	74.7	74.7	B C
	120	40.0	40.0	48.4	48.4	C
	80	90.0	100.0	90.0	100.0	B C
	84	90.0	100.0	90.0	100.0	B C
	88	90.0	98.2	90.0	100.0	B C
52	92	90.0	93.9	90.0	100.0	B C
	96	90.0	90.0	90.0	100.0	B C
	100	70.0	75.8	70.0	91.9	C
	104	64.3	64.3	70.0	78.0	C
	105	60.6	60.6	70.0	73.4	C
60	80	90.0	99.7	90.0	100.0	B C
	84	90.0	94.9	90.0	100.0	B C
	88	90.0	90.6	90.0	100.0	C
	97.5	70.0	79.2	70.0	96.0	C
54	80	70.0	86.4	70.0	98.3	C
	82	70.0	84.3	70.0	97.3	C
	84	70.0	82.3	70.0	96.0	C

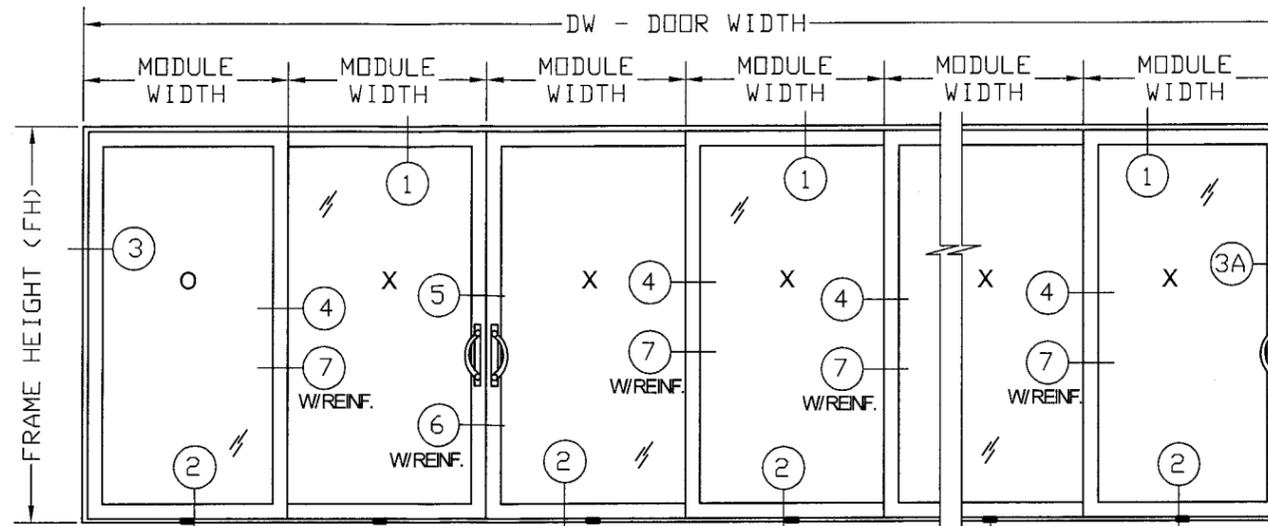
NOTE: MODULE WIDTH IN INCHES  
FRAME HEIGHT IN INCHES  
PRESSURE RATING IN PSF  
2" THRESHOLD LIMITED TO +50 PSF

EXAMPLE: TABLES 1 AND 2  
192X96 OX-XX - 4 MODULES  
MODULE WIDTH= 192/4= 48" // FRAME HEIGHT= 96"  
DESIGNED PRESSURE +90, -90 PSF W/ REINF.  
DESIGNED PRESSURE +70, -70 PSF W/OUT REINF.

EXAMPLE: TABLES 1 AND 2  
96X96 OX - 2 MODULES  
MODULE WIDTH= 96/2= 48" // FRAME HEIGHT= 96"  
DESIGNED PRESSURE +90, -100 PSF W/ REINF.  
DESIGNED PRESSURE +70, -70 PSF W/OUT REINF.

EXAMPLE: TABLES 1A  
288X96 OXX-XXO - 6 MODULES  
MODULE WIDTH= 288/6= 48" // FRAME HEIGHT= 96"  
DESIGNED RATING= ±70 PSF W/ REINF.

**TYPICAL ELEVATION AND DESIGNED PRESSURES**



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

TYPICAL DRAIN PAN  
SEE SHEET 11 OF 13

**TABLE 1A**

MORE THAN 4 DOOR MODULES W/ REINFORCEMENT  
SECTIONS 7 AND 6

MODULE WIDTH	FRAME HEIGHT	PD RATING		GLASS TYPE
		(+)	(-)	
30	80	90.0	100.0	B C
	84	90.0	100.0	B C
	96	90.0	99.6	B C
	100	89.1	89.1	B C
	104	75.9	75.9	B C
	108	65.1	65.1	B C
36	120	42.5	42.5	B C
	80	90.0	100.0	B C
	84	90.0	100.0	B C
	96	86.2	86.2	B C
	100	75.4	75.4	B C
	104	64.2	64.2	B C
42	108	55.0	55.0	B C
	120	35.8	35.8	B C
	80	90.0	96.0	B C
	84	90.0	91.4	B C
	96	76.8	76.8	B C
	100	65.9	65.9	B C
48	104	56.0	56.0	B C
	108	47.9	47.9	B C
	80	84.0	84.0	B C
	84	80.0	80.0	B C
	88	76.4	76.4	B C
54	92	73.0	73.0	B C
	96	70.0	70.0	B C
	80	74.7	74.7	B C
54	85	70.3	70.3	B C

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

**TABLE 2**

4, 3 OR 2 DOOR MODULES W/OUT REINFORCEMENT  
SECTIONS 4 AND 5

MODULE WIDTH	FRAME HEIGHT	PD RATING		GLASS TYPE
		(+)	(-)	
30	80	70.0	70.0	B C
	84	70.0	70.0	B C
	96	70.0	70.0	B C
	100	70.0	70.0	B C
	104	70.0	70.0	B C
	108	65.1	65.1	B C
36	120	42.5	42.5	B C
	80	70.0	70.0	B C
	84	70.0	70.0	B C
	96	70.0	70.0	B C
	100	70.0	70.0	B C
	104	64.2	64.2	B C
42	108	55.0	55.0	B C
	120	35.8	35.8	B C
	80	70.0	70.0	B C
	84	70.0	70.0	B C
	96	70.0	70.0	B C
	100	65.9	65.9	B C
48	104	56.0	56.0	B C
	110	44.9	44.9	B C
	80	70.0	70.0	B C
	84	70.0	70.0	B C
	88	70.0	70.0	B C
54	92	70.0	70.0	B C
	96	70.0	70.0	B C
	80	70.0	70.0	B C
54	85	70.0	70.0	B C

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

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

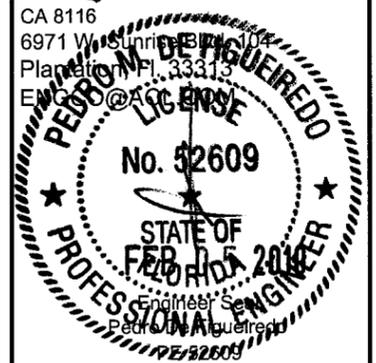
PRODUCT:

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

Engineering:

**EngCo Inc.**

CA 8116  
6971 W. Sunning Blvd  
Plantation, FL 33315  
ENCO@AEC ENR



DRAFTING:

**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0630-02  
Expiration Date 06/26/2013

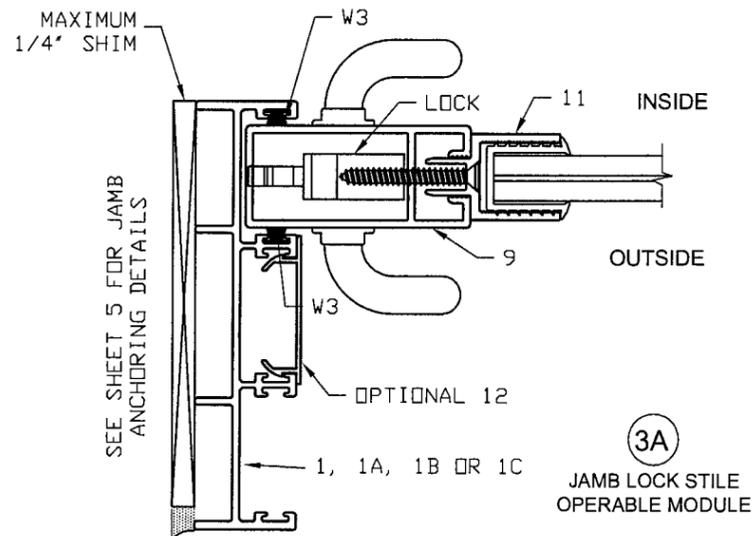
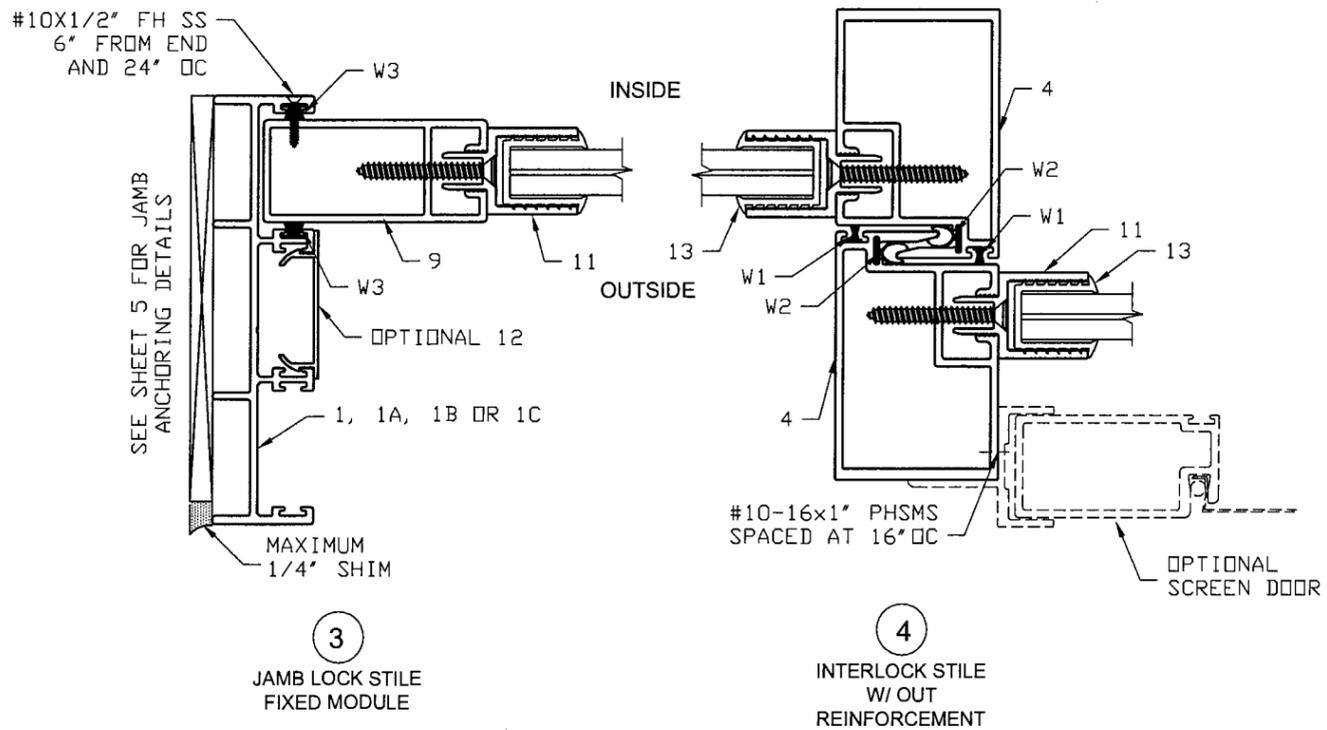
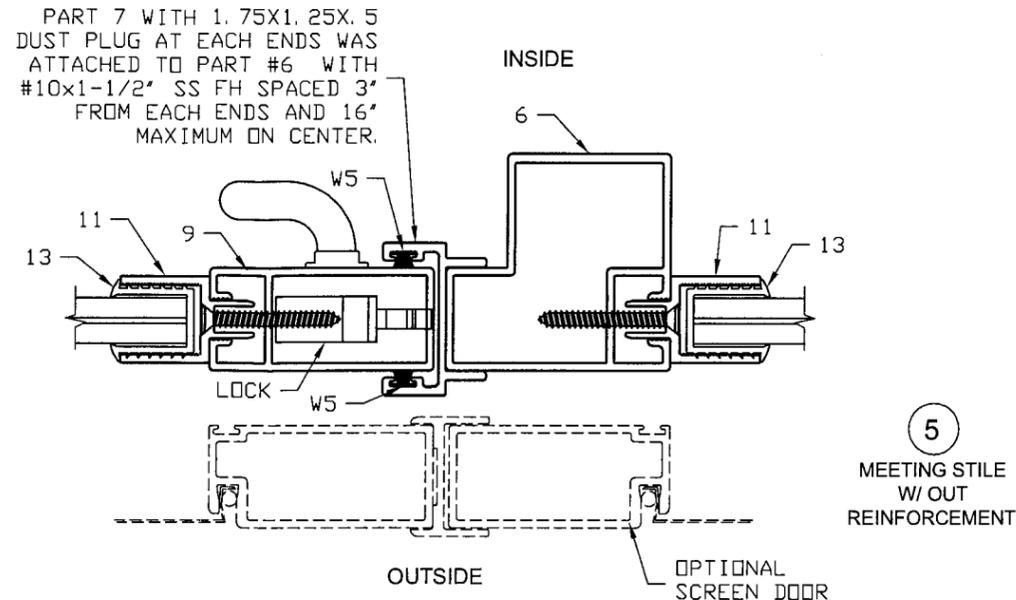
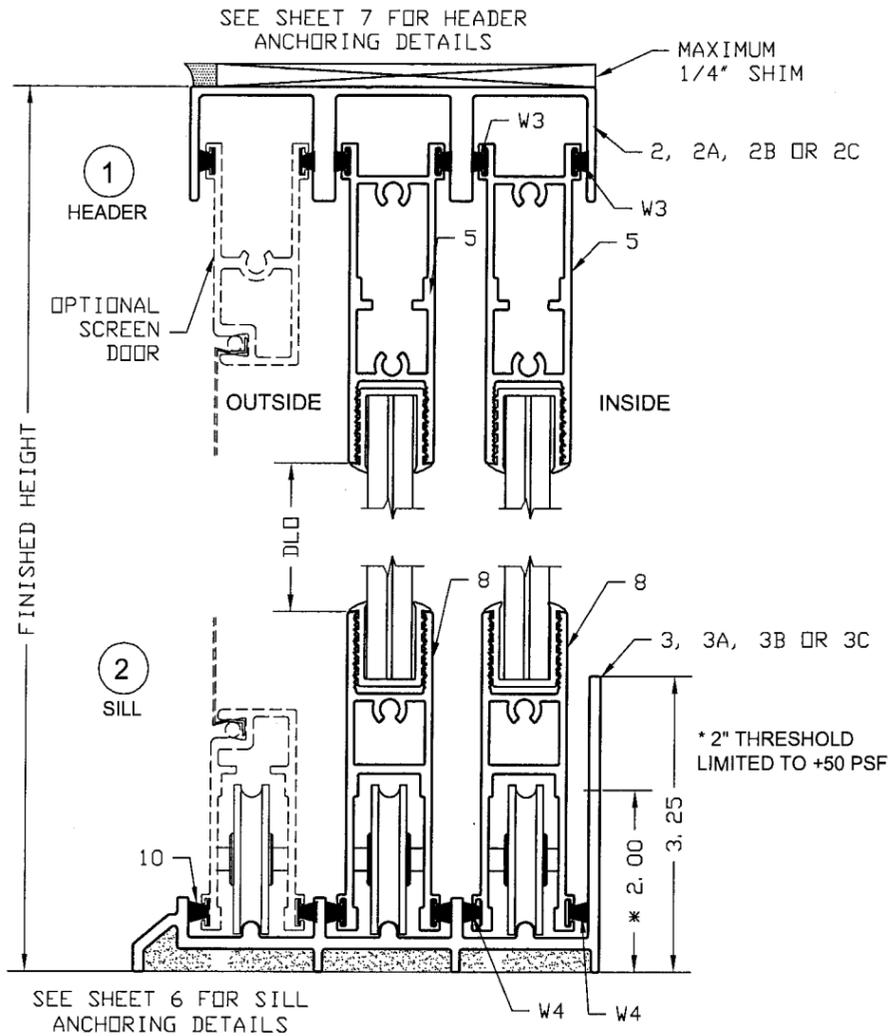
By *[Signature]*  
Miami Dade Product Control  
Division

Date: 02/05/10  
Scale: NA  
Design by: PPMF

Drawing Number  
**09-220R1**

SHEET  
2 of 13

TYPICAL SECTION 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  
 SMALL MISSILE IMPACT

Engineering:  
**EngCo Inc.**  
 CA 8116  
 6971 W. Sunrise Blvd.  
 Plantation, FL 33313  
 ENCL. SAOLICEN



DRAFTING:  
**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

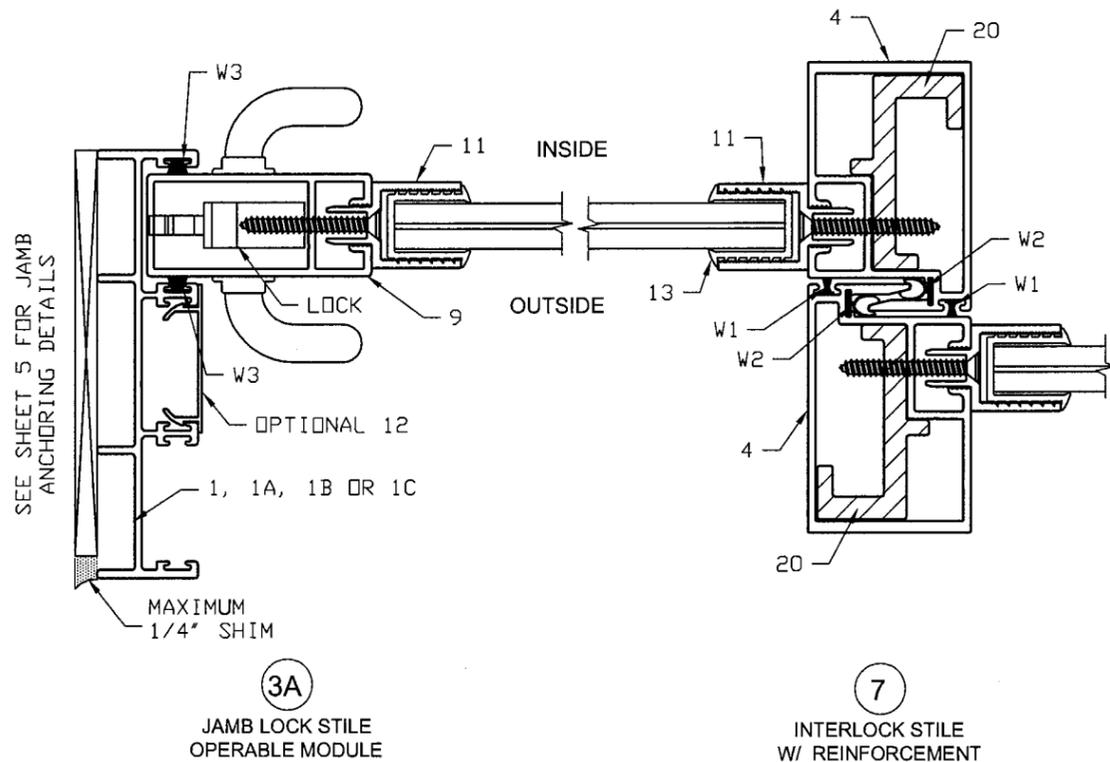
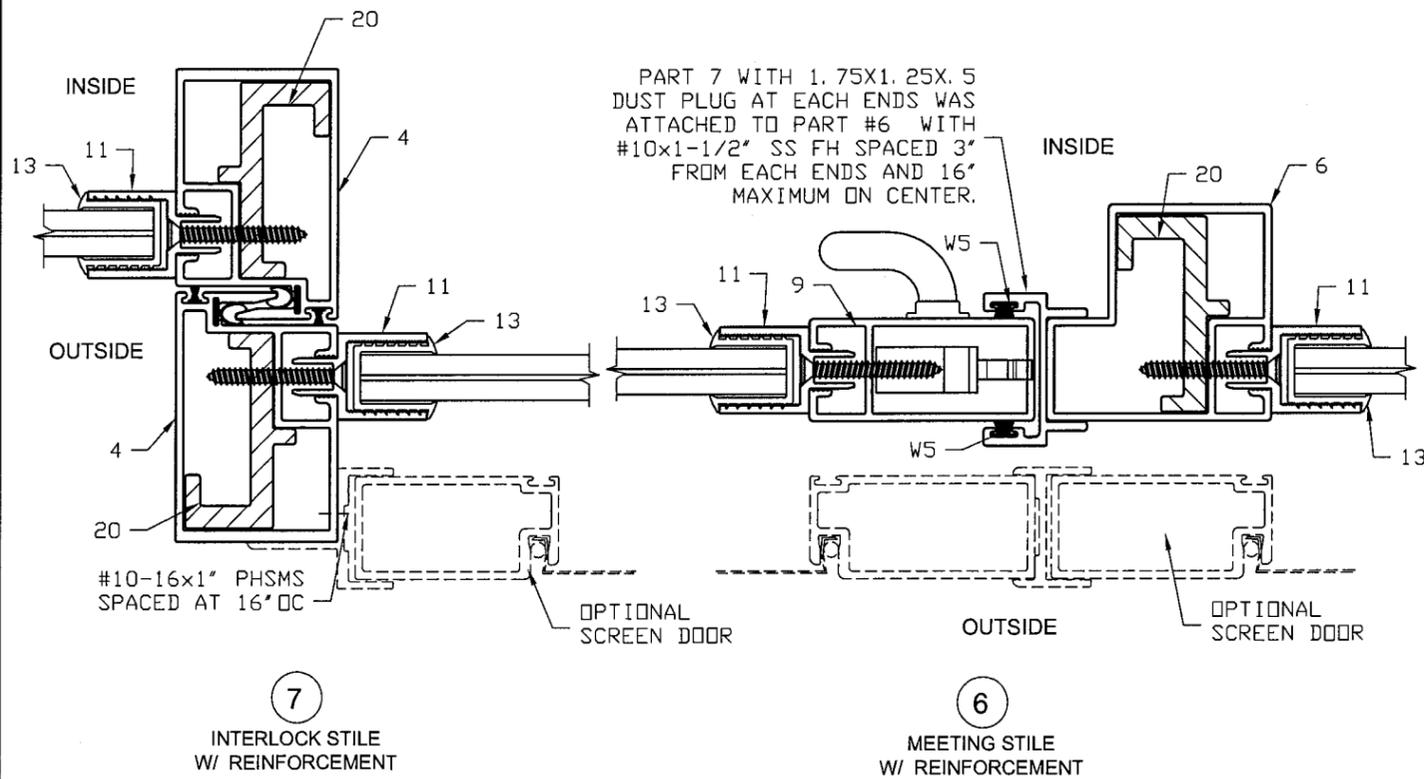
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. **03-0630.02**  
 Expiration Date **06/26/2013**  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

Date: 02/05/10  
 Scale: NA  
 Design by: PPMF

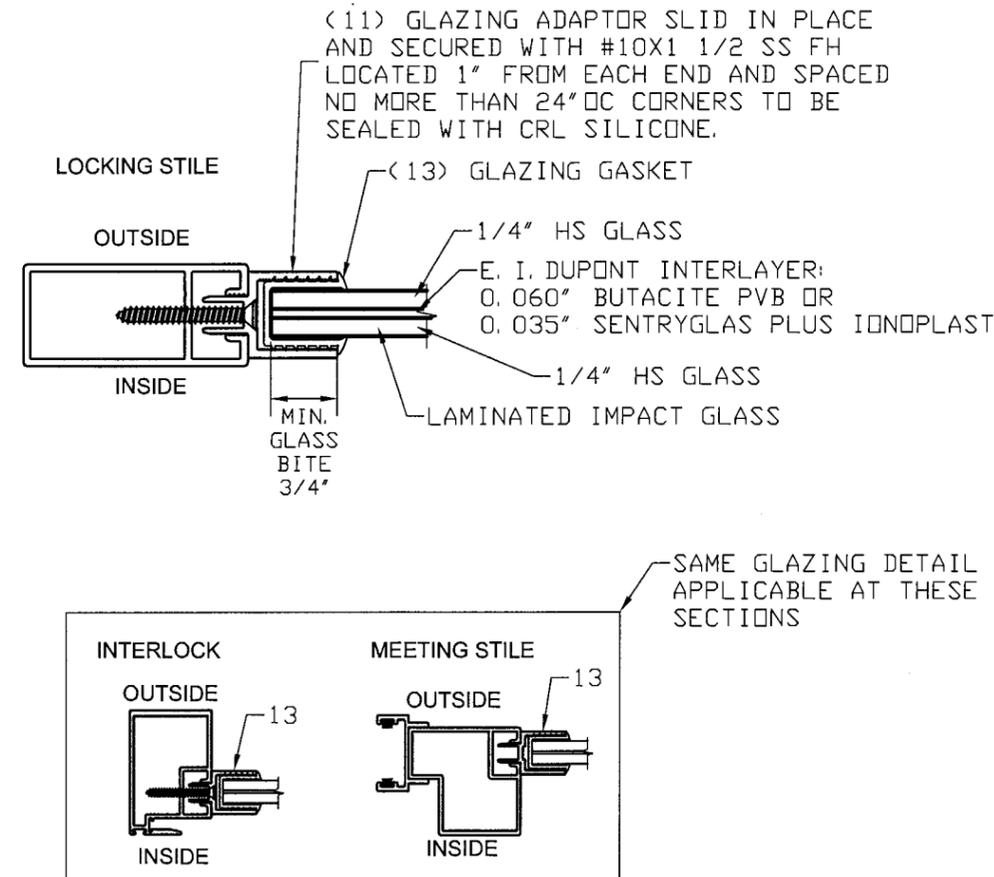
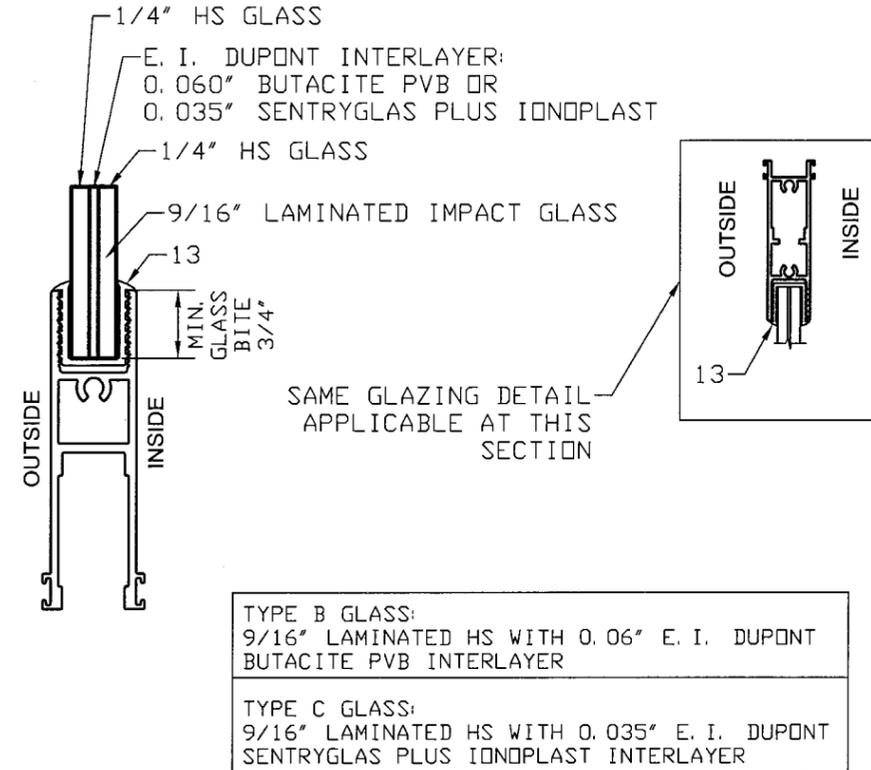
Drawing Number  
**09-220R1**

SHEET  
 3 of 13

TYPICAL SECTION DETAILS



GLAZING 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  
FAX: (561) 575-1826

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

Engineering:  
**EngCo Inc.**  
CA 8116  
6971 W. Sunrise Blvd. 104  
Plantation, FL 33315  
ENG CO INC. 08-0630.02

**PEDRO DE FIGUEIREDO**  
LICENSE No. 52609  
FESTIVAL 2010  
PROFESSIONAL ENGINEER  
Florida Seal  
Pedro De Figueiredo  
PE 52609

DRAFTING:  
**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 08-0630.02  
Expiration Date 06/26/2013  
By *[Signature]*  
Miami Dade Product Control Division

Date: 02/05/10  
Scale: NA  
Design by: PPMF

Drawing Number  
**09-220R1**

SHEET  
4 of 13



FRAMING ANCHORAGE DETAILS

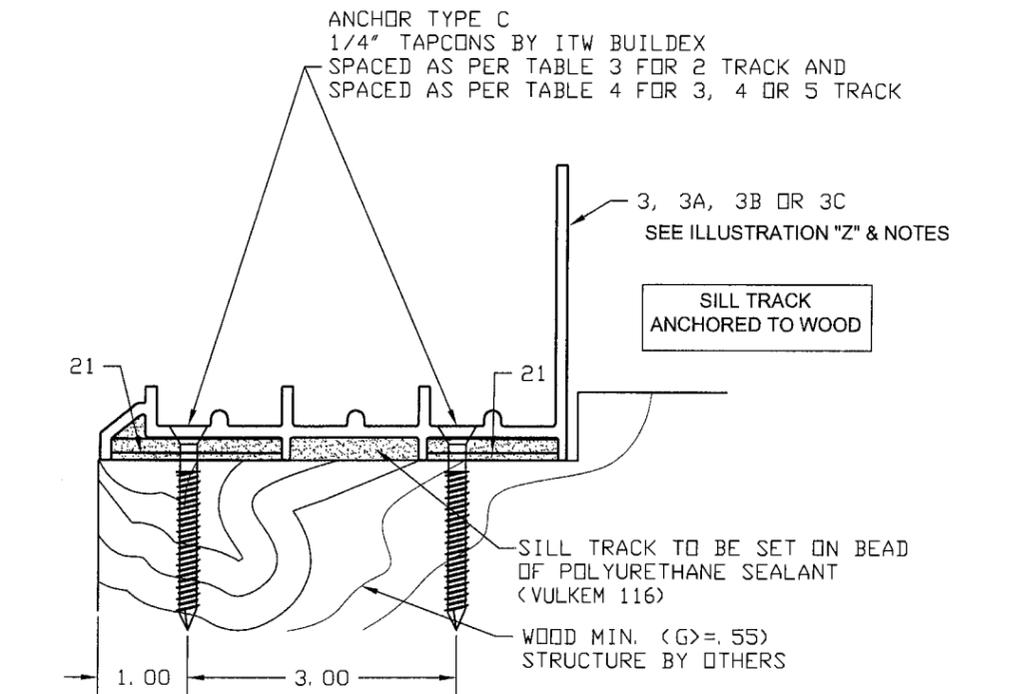
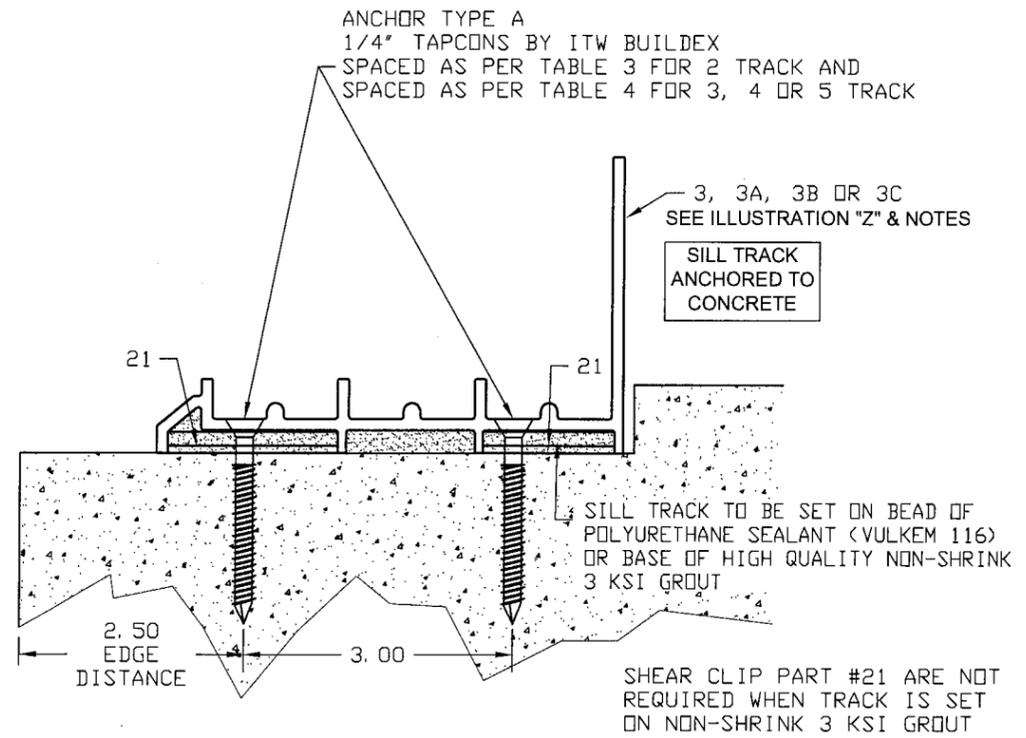
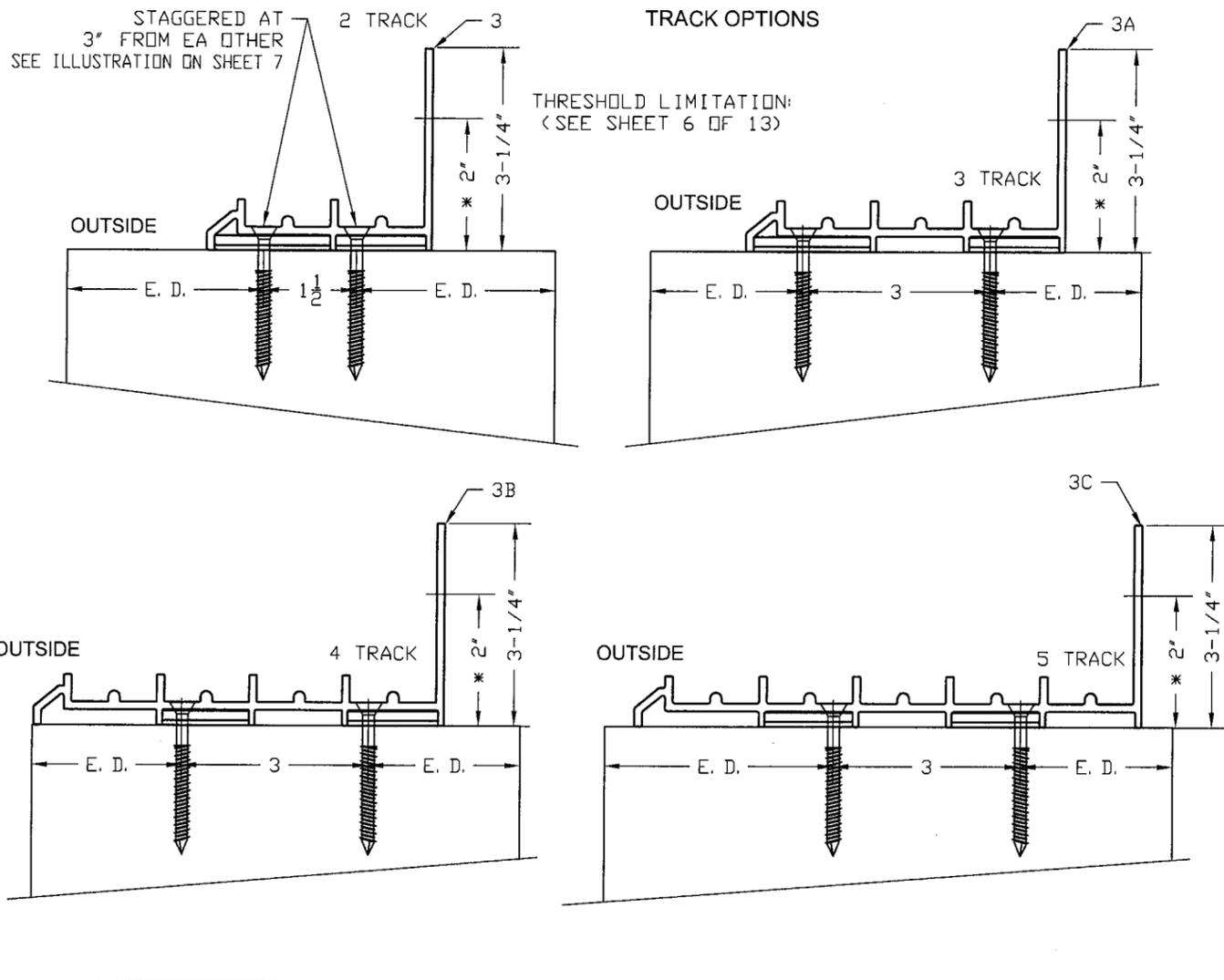
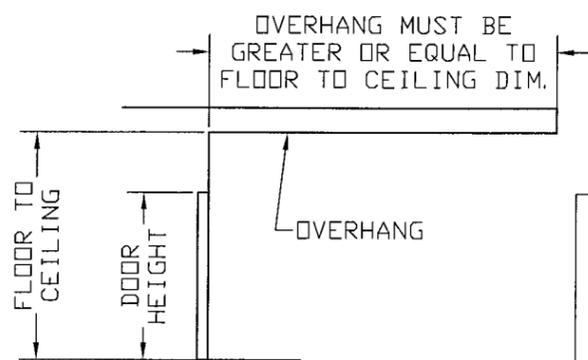


ILLUSTRATION "Z" & NOTES



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:  
**SE**  
**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  
SMALL MISSILE IMPACT

Engineering:  
**EngCo Inc.**  
CA 8116  
6971 W. Sunrise Blvd.  
Plantation, FL 33319  
ENG@CO.COM  
**PE**  
LICENSE  
No. 52609  
FESTIVAL OF PROFESSIONAL ENGINEER  
FLORIDA 2010  
Engineer Seal  
Pedro A. Queiroz  
PE 52609

DRAFTING:  
**PK DRAFTING & MORE**

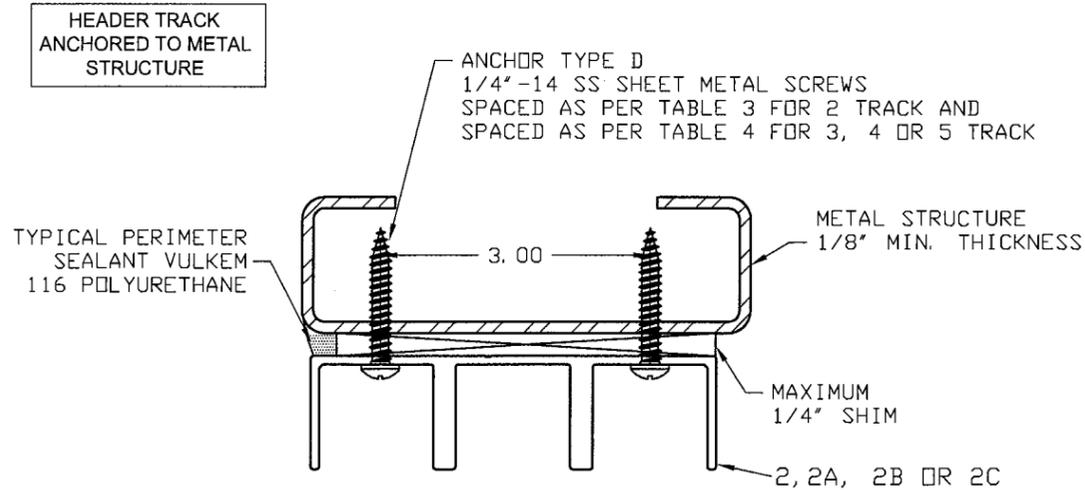
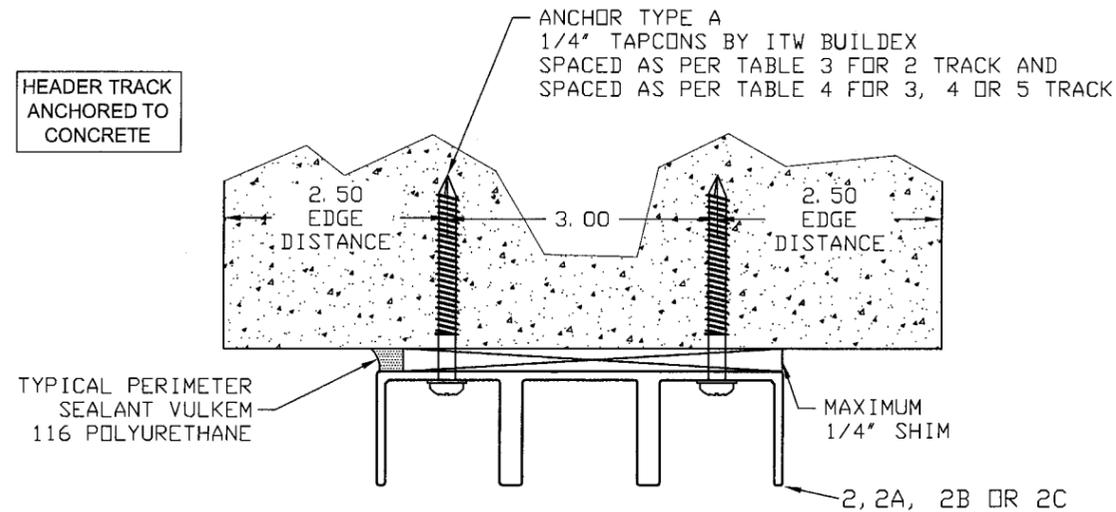
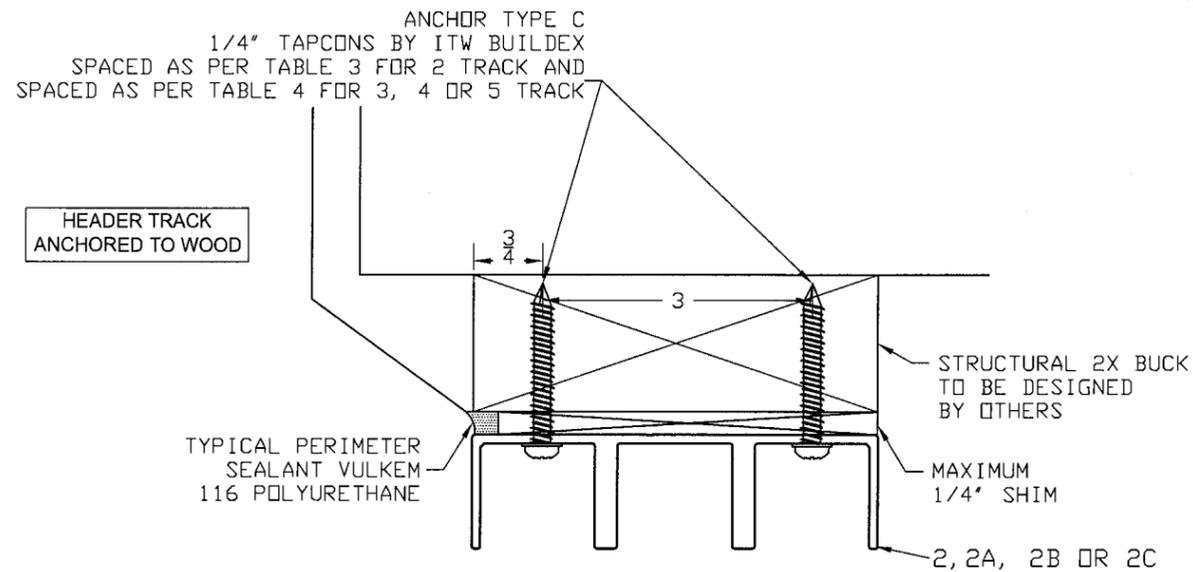
MIAMI-DADE BCCO:  
PRODUCT REVISED  
as complying with the Florida Building Code  
Acceptance No. **08-0630.02**  
Expiration Date **08/26/2013**  
By *[Signature]*  
Miami Dade Product Control Division

Date: 02/05/10  
Scale: NA  
Design by: PPMF

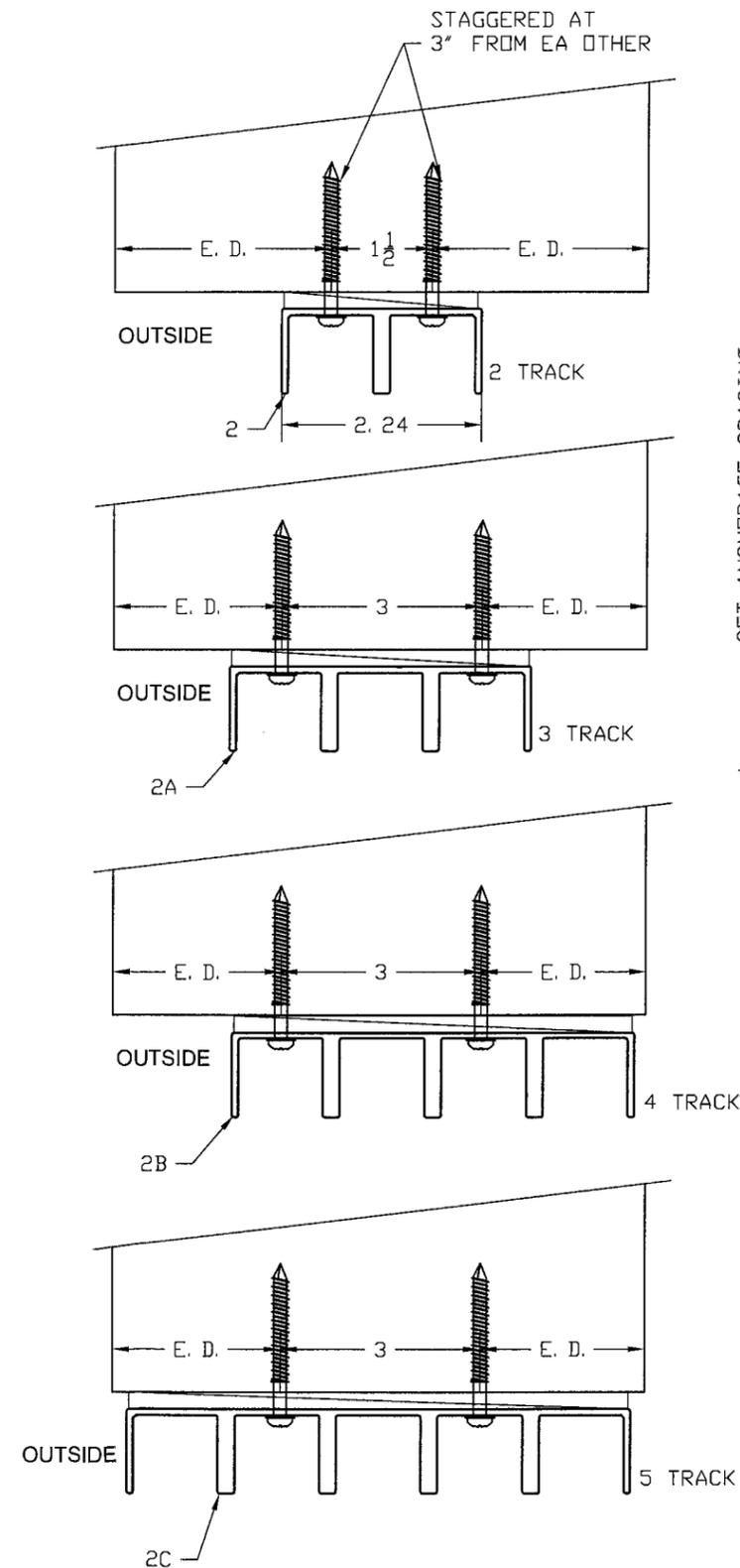
Drawing Number  
**09-220R1**

SHEET  
**6 of 13**

DOOR FRAMING



TRACK OPTIONS

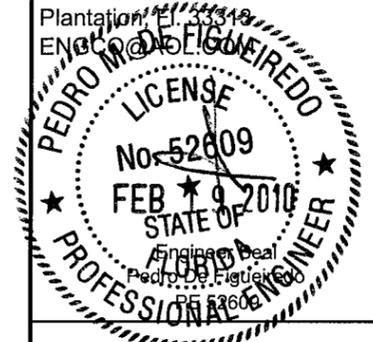


MANUFACTURER:  
**SE**  
**SOUTHEASTERN**  
Manufacturers of Impact Resistant Sliding Glass Doors

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  
SMALL MISSILE IMPACT

Engineering:  
**EngCo Inc.**  
CA 8116  
6971 W. Sunrise Blvd. 104  
Plantation, FL 33318  
ENR 000000000000000000



DRAFTING:  
**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **08-0630.02**  
Expiration Date **06/26/2013**  
By *[Signature]*  
Miami Dade Product Control  
Division

Date: 02/05/10  
Scale: NA  
Design by: PPMF

Drawing Number  
**09-220R1**

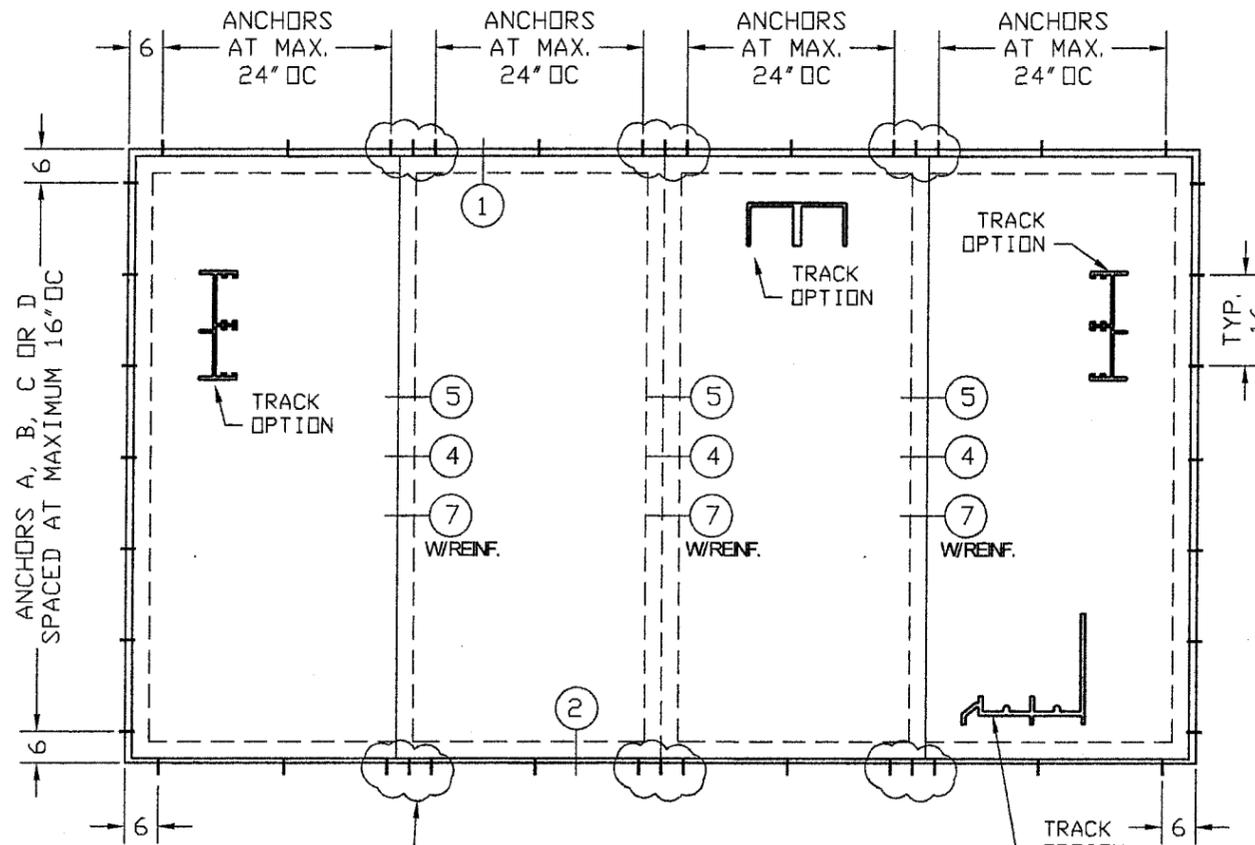
SHEET  
7 of 13

FRAMING ANCHORAGE RATING AND SCHEDULE

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

ANCHOR TYPE	MODULE WIDTH	FRAME HEIGHT	A			C			D		NUMBER OF CLUSTERS (n)
			1	2	3	1	2	3	1	2	
30	80	86.6	100.0	100.0	100.0	55.0	100.0	100.0	100.0	100.0	1
	84	82.5	100.0	100.0	100.0	52.3	100.0	100.0	100.0	100.0	
	96	72.2	100.0	100.0	100.0	45.8	91.6	100.0	100.0	100.0	
	100	69.3	100.0	100.0	100.0	44.0	87.9	100.0	100.0	100.0	
	104	66.6	97.6	97.6	97.6	42.3	84.6	97.6	97.6	97.6	
	108	64.2	83.7	83.7	83.7	40.7	81.4	83.7	83.7	83.7	
36	120	54.6	54.6	54.6	36.6	54.6	54.6	54.6	54.6	54.6	2
	80	72.2	100.0	100.0	45.8	91.6	100.0	100.0	100.0	100.0	
	84	68.8	100.0	100.0	43.6	87.2	100.0	100.0	100.0	100.0	
	96	60.2	100.0	100.0	38.2	76.3	100.0	93.3	100.0	100.0	
	100	57.8	100.0	100.0	36.6	73.3	100.0	89.6	100.0	100.0	
	104	55.5	100.0	100.0	35.2	70.5	100.0	86.2	100.0	100.0	
42	108	53.5	85.7	85.7	33.9	67.9	85.7	83.0	85.7	85.7	3
	120	48.1	55.8	55.8	30.5	55.8	55.8	55.8	55.8	55.8	
	80	61.9	100.0	100.0	39.3	78.5	100.0	96.0	100.0	100.0	
	84	58.9	100.0	100.0	37.4	74.8	100.0	91.4	100.0	100.0	
	96	51.6	100.0	100.0	32.7	65.4	98.1	80.0	100.0	100.0	
	100	49.5	99.0	100.0	31.4	62.8	94.2	76.8	100.0	100.0	
48	104	47.6	87.3	87.3	30.2	60.4	87.3	73.8	87.3	87.3	4
	108	45.8	74.7	74.7	29.1	58.2	74.7	71.1	74.7	74.7	
	120	41.3	48.4	48.4	26.2	48.4	48.4	48.4	48.4	48.4	
	80	54.2	100.0	100.0	34.4	68.7	100.0	84.0	100.0	100.0	
	84	51.6	100.0	100.0	32.7	65.4	98.1	80.0	100.0	100.0	
	88	49.2	98.5	100.0	31.2	62.5	93.7	76.4	100.0	100.0	
52	92	47.1	94.2	100.0	29.9	59.7	89.6	73.0	100.0	100.0	5
	96	45.1	90.3	100.0	28.6	57.3	85.9	70.0	100.0	100.0	
	100	43.3	86.6	91.9	27.5	55.0	82.4	67.2	91.9	91.9	
	104	41.7	78.0	78.0	26.4	52.8	78.0	64.6	78.0	78.0	
	105	41.1	73.4	73.4	26.0	52.1	73.4	63.7	73.4	73.4	
	80	50.0	100.0	100.0	31.7	63.4	95.1	77.5	100.0	100.0	
60	84	47.6	95.2	100.0	30.2	60.4	90.6	73.8	100.0	100.0	6
	88	45.4	90.9	100.0	28.8	57.7	86.5	70.5	100.0	100.0	
	97.5	41.0	82.0	96.0	26.0	52.0	78.0	63.6	96.0	96.0	
	80	43.3	86.6	98.3	27.5	55.0	82.4	67.2	98.3	98.3	
60	82	42.3	84.5	97.3	26.8	53.6	80.4	65.6	97.3	97.3	7
	84	41.3	82.5	96.0	26.2	52.3	78.5	64.0	96.0	96.0	

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 MODULE= 48" -- FRAME HEIGHT= 96"  
HEADER & SILL ANCHOR TYPE A:  
WITH 1 CLUSTER - MAXIMUM PRESSURE PD= ± 45.1 PSF  
WITH 2 CLUSTER - MAXIMUM PRESSURE PD= ± 90.3 PSF  
WITH 3 CLUSTER - MAXIMUM PRESSURE PD= ±100.0 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

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  
SMALL MISSILE IMPACT

Engineering:

EngCo Inc.

CA 8116  
6971 W. Sunrise Blvd. 104  
Plantation, FL 33322  
ENGCO@AOL.COM



DRAFTING:

PK DRAFTING & MORE

MIAMI-DADE BCCO:

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 08-0630.02  
Expiration Date 06/26/2013  
By: [Signature]  
Miami Dade Product Control Division

Date: 02/05/10  
Scale: NA  
Design by: PPMF

Drawing Number  
09-220R1

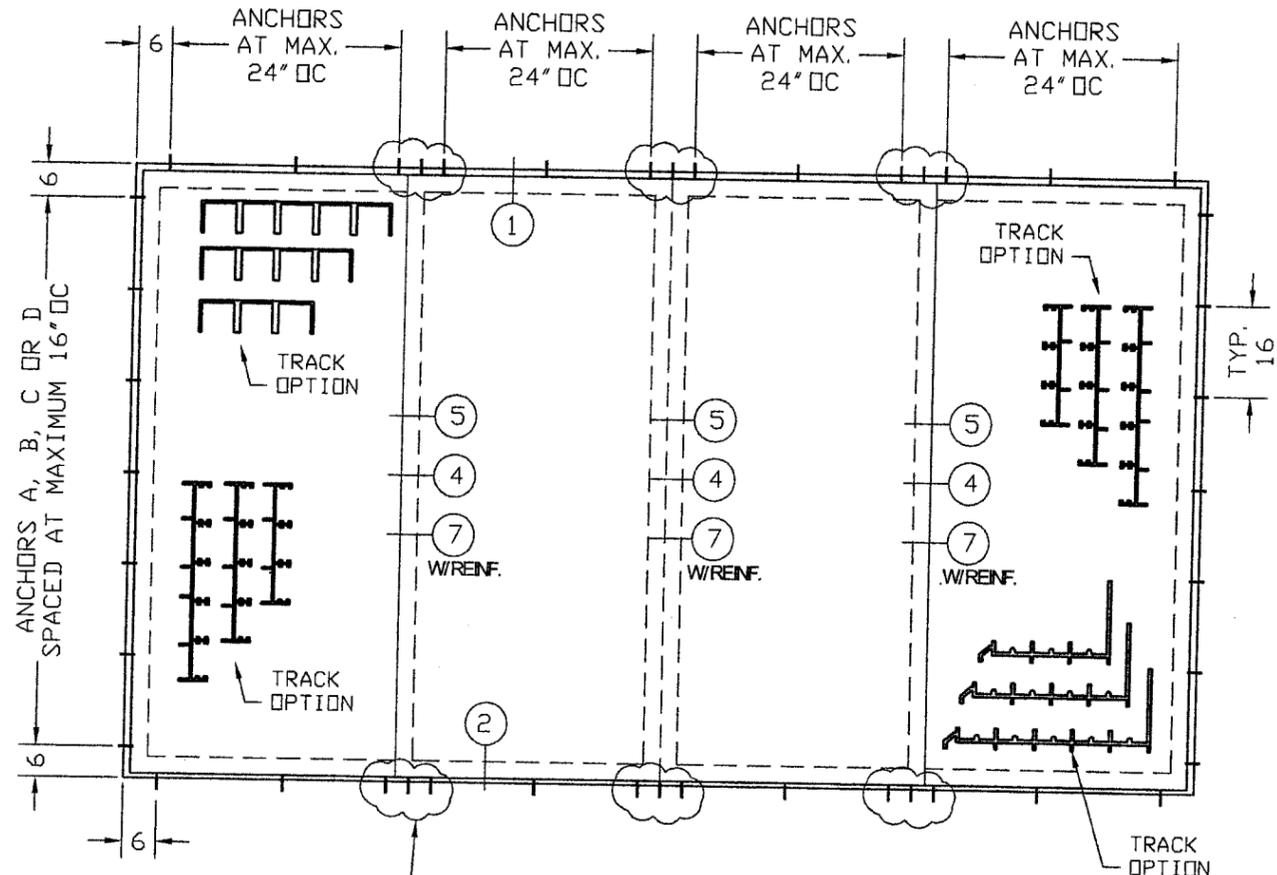
SHEET  
8 of 13

## 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	MODULE 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	97.6	97.6	42.3	84.6	97.6	97.6	97.6	
	108	64.2	83.7	83.7	40.7	81.4	83.7	83.7	83.7	
36	120	54.6	54.6	54.6	36.6	54.6	54.6	54.6	54.6	
	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	100.0	100.0	35.2	70.5	100.0	86.2	100.0	
42	108	53.5	85.7	85.7	33.9	67.9	85.7	83.0	85.7	
	120	48.1	55.8	55.8	30.5	55.8	55.8	55.8	55.8	
	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	100.0	100.0	32.7	65.4	98.1	80.0	100.0	
	100	49.5	99.0	100.0	31.4	62.8	94.2	76.8	100.0	
48	104	47.6	87.3	87.3	30.2	60.4	87.3	73.8	87.3	
	108	45.8	74.7	74.7	29.1	58.2	74.7	71.1	74.7	
	120	41.3	48.4	48.4	26.2	48.4	48.4	48.4	48.4	
	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	98.5	100.0	31.2	62.5	93.7	76.4	100.0	
52	92	47.1	94.2	100.0	29.9	59.7	89.6	73.0	100.0	
	96	45.1	90.3	100.0	28.6	57.3	85.9	70.0	100.0	
	100	43.3	86.6	91.9	27.5	55.0	82.4	67.2	91.9	
	104	41.7	78.0	78.0	26.4	52.8	78.0	64.6	78.0	
	105	41.1	73.4	73.4	26.0	52.1	73.4	63.7	73.4	
	80	50.0	100.0	100.0	31.7	63.4	95.1	77.5	100.0	
60	84	47.6	95.2	100.0	30.2	60.4	90.6	73.8	100.0	
	88	45.4	90.9	100.0	28.8	57.7	86.5	70.5	100.0	
	97.5	41.0	82.0	96.0	26.0	52.0	78.0	63.6	96.0	
	80	43.3	86.6	98.3	27.5	55.0	82.4	67.2	98.3	
82	42.3	84.5	97.3	26.8	53.6	80.4	65.6	97.3		
84	41.3	82.5	96.0	26.2	52.3	78.5	64.0	96.0		

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 MODULE= 48' -- FRAME HEIGHT= 96'  
HEADER & SILL ANCHOR TYPE A:  
WITH 1 CLUSTER - MAXIMUM PRESSURE PD= ±45.1 PSF  
WITH 2 CLUSTER - MAXIMUM PRESSURE PD= ±90.3 PSF  
WITH 3 CLUSTER - MAXIMUM PRESSURE PD= ±100 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

MANUFACTURER:  
**SIE**  
**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  
SMALL MISSILE IMPACT

Engineering:  
**EngCo Inc.**  
CA 8116  
6971 W. Sunrise Blvd. 104  
Plantation, FL 33322  
ENGCO@AOL.COM  
**PEDRO DE FIGUEROA**  
LICENSE No. 52609  
FEB 15 2010  
Professional Engineer

DRAFTING:  
**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

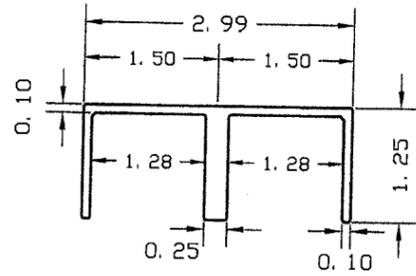
PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No **08-0630.02**  
Expiration Date **06/26/2013**  
By *[Signature]*  
Miami Dade Product Control Division

Date: 02/05/10  
Scale: NA  
Design by: PPMF

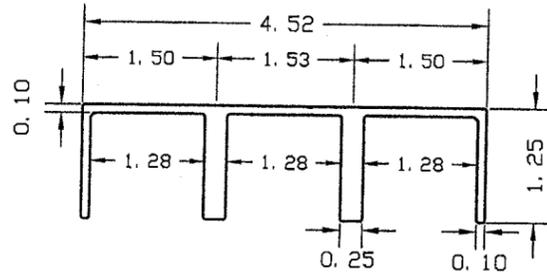
Drawing Number  
**09-220R1**

SHEET  
**9 of 13**

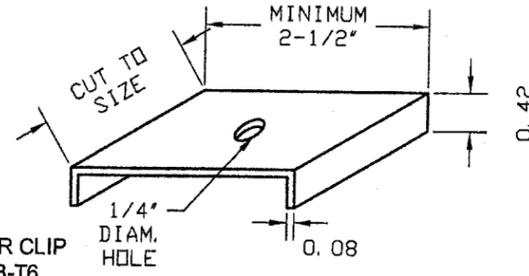
DOOR FRAMING



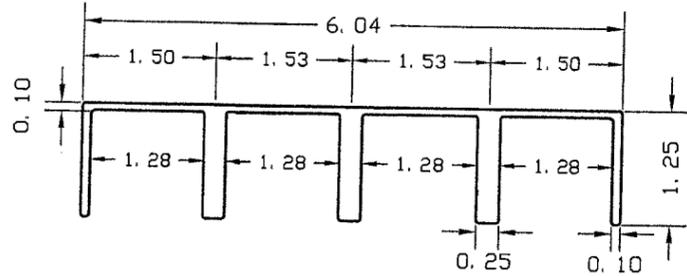
2- TWO TRACK HEADER  
ALLOY: 6063-T6



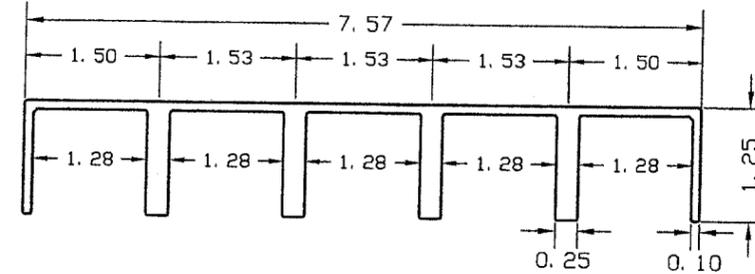
2A- THREE TRACK HEADER  
ALLOY: 6063-T6



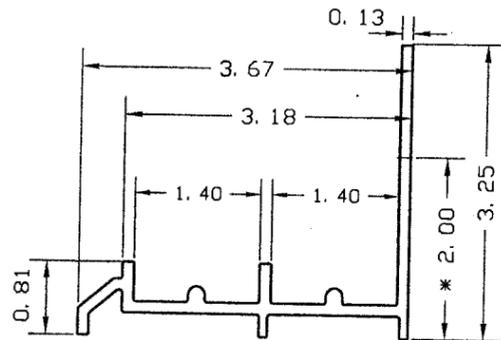
21- JAMB SHEAR CLIP  
ALUMINUM 6063-T6



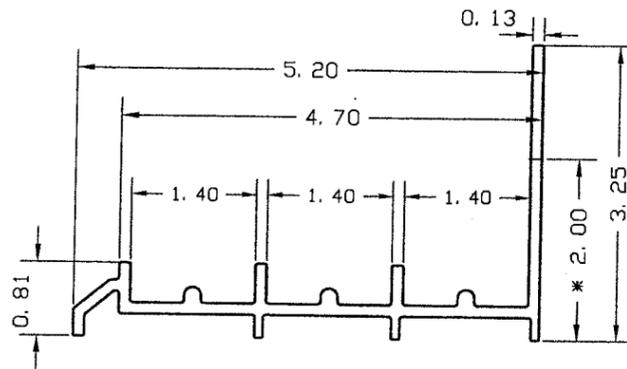
2B- FOUR TRACK HEADER  
ALLOY: 6063-T6



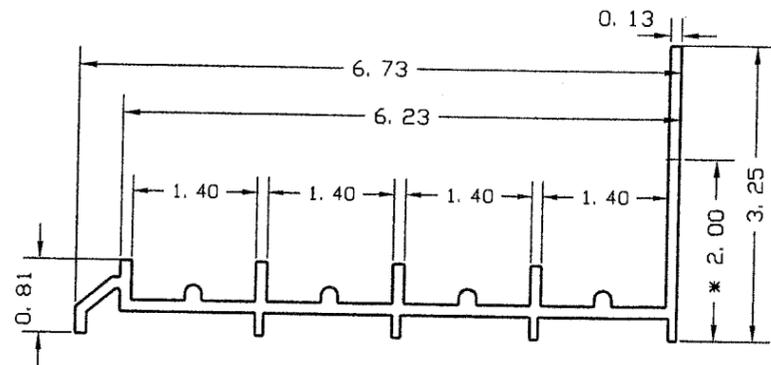
2C- FIVE TRACK HEADER  
ALLOY: 6063-T6



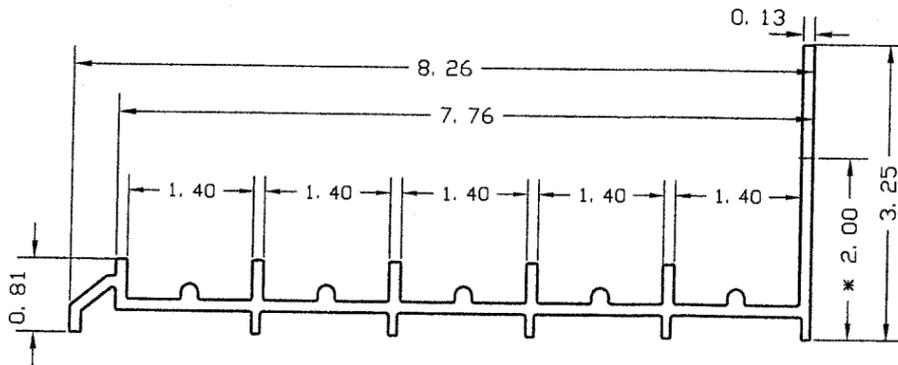
3- 3-1/4\"/> TWO TRACK SILL  
ALLOY: 6063-T6  
\* 2\"/> THRESHOLD LIMITED TO +50 PSF



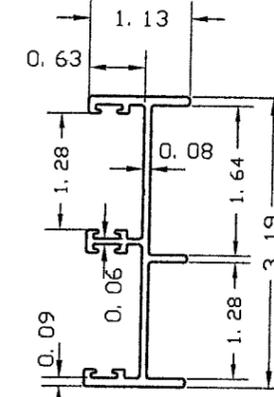
3A- 3-1/4\"/> THREE TRACK SILL  
ALLOY: 6063-T6  
\* 2\"/> THRESHOLD LIMITED TO +50 PSF



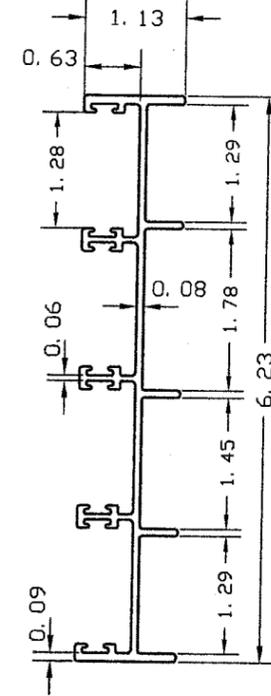
3B- 3-1/4\"/> FOUR TRACK SILL  
ALLOY: 6063-T6  
\* 2\"/> THRESHOLD LIMITED TO +50 PSF



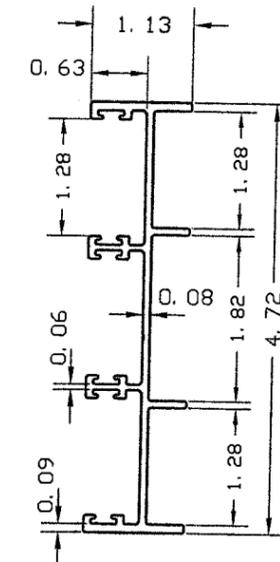
3C- 3-1/4\"/> FIVE TRACK SILL  
ALLOY: 6063-T6  
\* 2\"/> THRESHOLD LIMITED TO +50 PSF



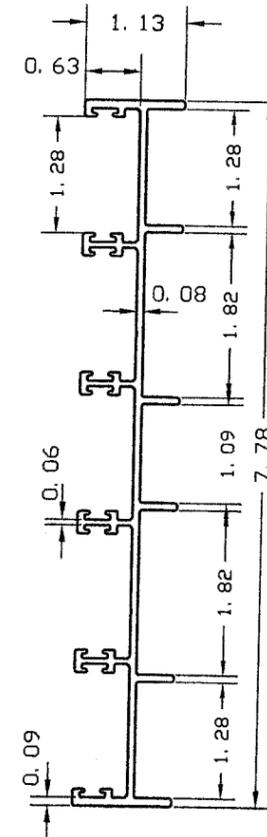
1- TWO TRACK JAMB  
ALLOY: 6063-T6



1B- FOUR TRACK JAMB  
ALLOY: 6063-T6



1A- THREE TRACK JAMB  
ALLOY: 6063-T6



1C- FIVE TRACK JAMB  
ALLOY: 6063-T6

MANUFACTURER:



**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  
SMALL MISSILE IMPACT

Engineering:

**EngCo Inc.**

CA 8116  
6971 W. Sunrise Blvd. 104  
Plantation, FL 33324  
ENGCO@AOL.COM



DRAFTING

**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

PRODUCT REVISED

as complying with the Florida Building Code  
Acceptance No. 03-0630.02  
Expiration Date 06/26/2013

By *[Signature]*  
Miami Dade Product Control Division

Date: 02/05/10

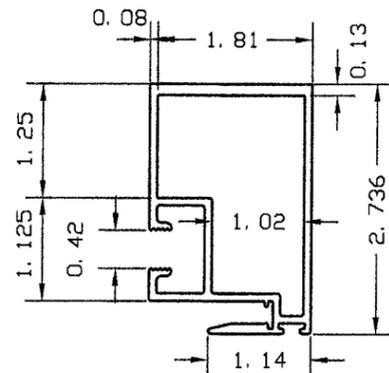
Scale: NA

Design by: PPMF

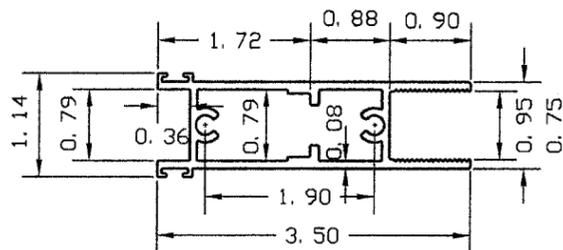
Drawing Number  
**09-220R1**

SHEET  
10 of 13

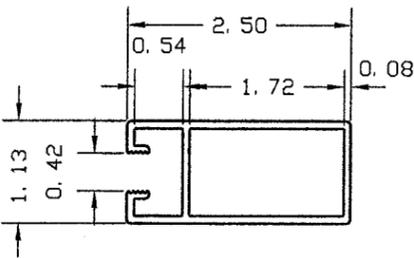
DOOR PANEL COMPONENTS & BILLOF MATERIALS



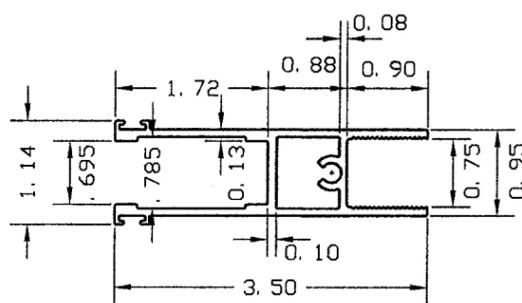
4- ATLAS INTERLOCK  
ALLOY: 6063-T6



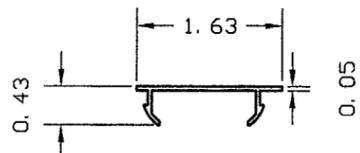
5- DOOR TOP RAIL  
ALLOY: 6063-T6  
ONLY ON OPERABLE PANELS



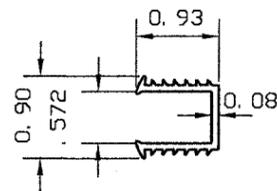
9- DOOR END RAIL  
ALLOY: 6063-T6



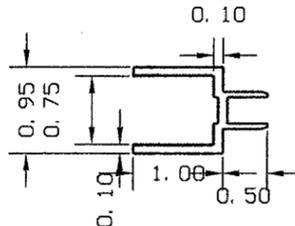
8- DOOR BOTTOM RAIL  
ALLOY: 6063-T6



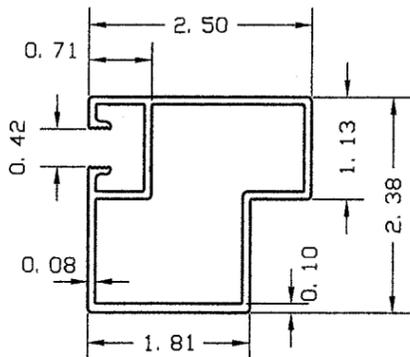
12- OPTIONAL FRAME  
SNAP COVER  
ALLOY: 6063-T6



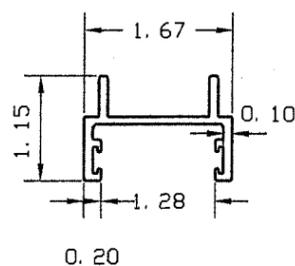
13- GLAZING GASKET  
EXTRUDED PVC 75 DUREMETER  
MARINE GASKET PART# 992  
MADE BY TEAM PLASTICS, INC.



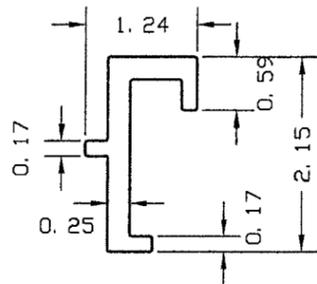
11- GLAZING ADAPTER  
ALLOY: 6063-T5



6- ATLAS END RAIL  
ALLOY: 6063-T6



7- ATLAS DOOR ASTRAGAL  
ALLOY: 6063-T6



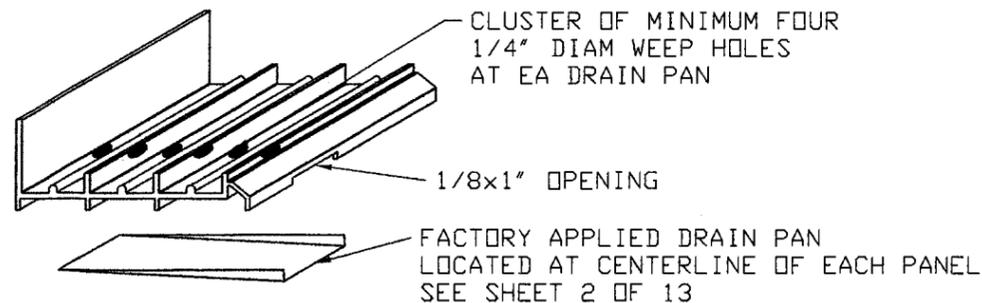
20- ATLAS INTERLOCK  
REINFORCEMENT - 6063-T6

BILL OF MATERIALS

#	DESCRIPTION	MATERIAL	SUPPLIER
1	TWO TRACK JAMB	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
1A	THREE TRACK JAMB	ALUMINUM 6063-T6	SOUTHEASTERN DOOR COMPANY
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	JAMB 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



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:

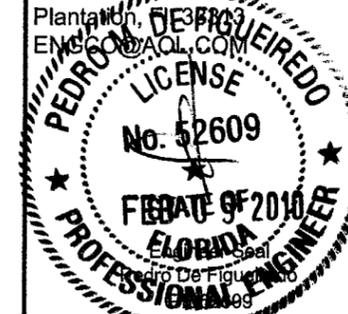
ATLAS PLUS

SERIES 5000 ALUMINUM  
SLIDING GLASS DOOR  
SMALL MISSILE IMPACT

Engineering:

EngCo Inc.

CA 8116  
6971 W. Sunrise Blvd, 104  
Plantation, FL 33324  
ENSCOAOL.COM



DRAFTING:

PK DRAFTING & MORE

MIAMI-DADE BCCO:

PRODUCT REVISED

as complying with the Florida  
Building Code  
Acceptance No. 08-0630.02  
Expiration Date 06/26/2013

By: [Signature]  
Miami Dade Product Control  
Division

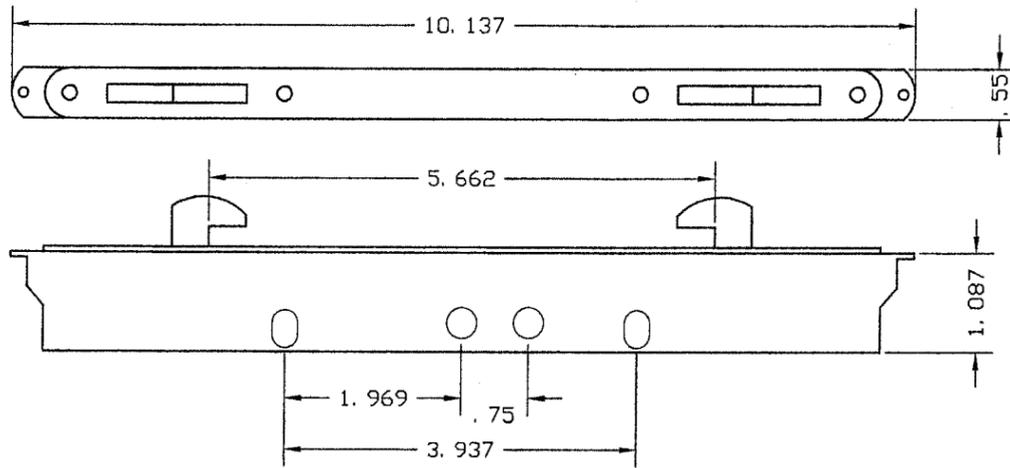
Date: 02/05/10  
Scale: NA  
Design by: PPMF

Drawing Number  
09-220R1

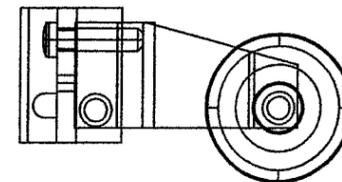
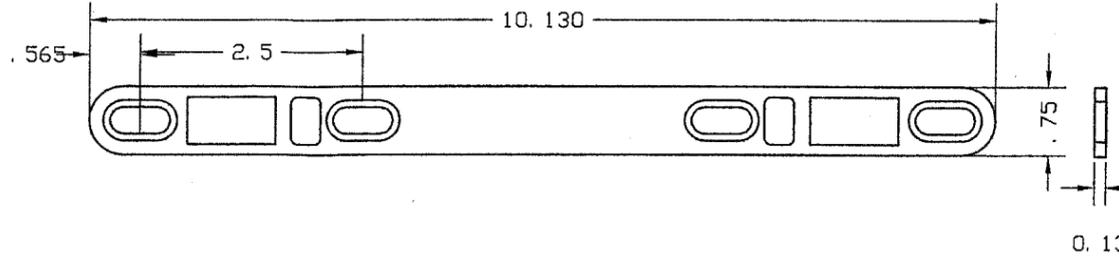
SHEET  
11 of 13

DOOR HARDWARE

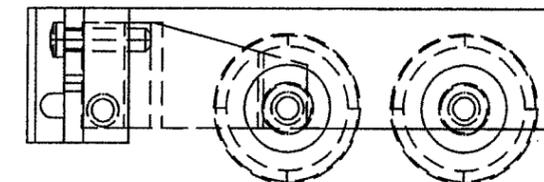
18- DEADLOCK  
 1 MULTIPoint MORTISE LOCK PER LOCK MEETING STILE  
 HARDWARE SUPPLIER: AMESBURY  
 PART #2815-84  
 ATTACHED TO THE DOOR WITH (2) #6X 1/4" SS FLAT HEAD SCREWS.



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.

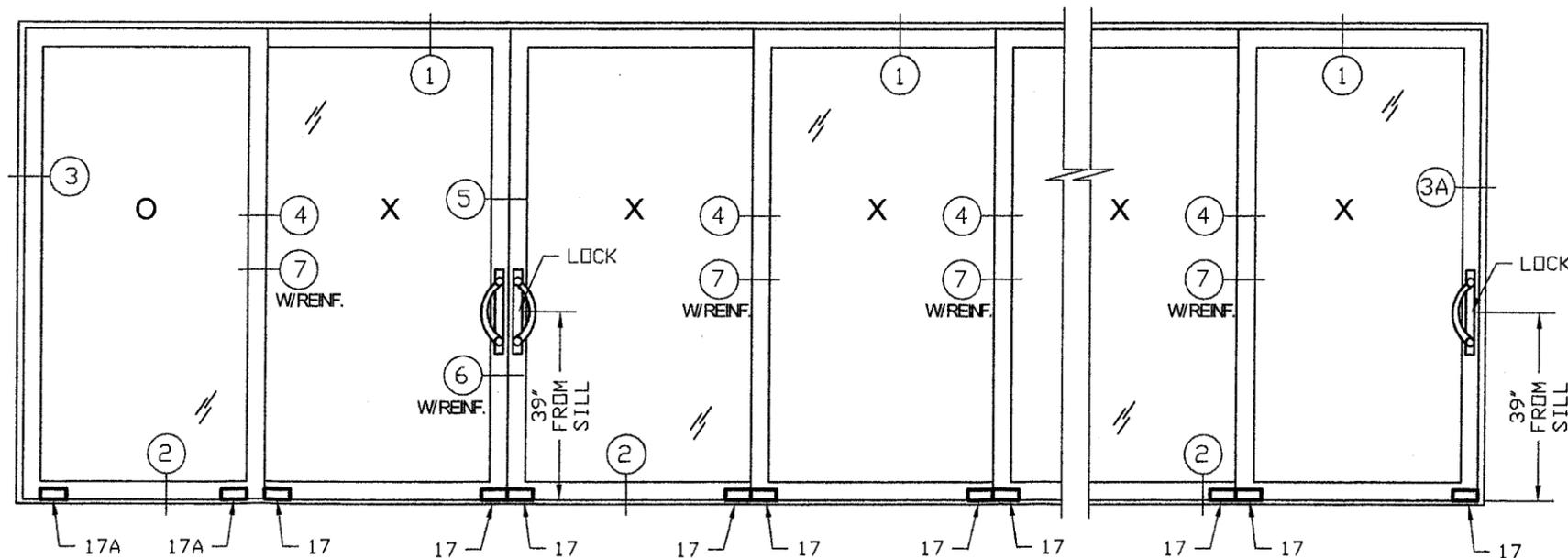


17A- SINGLE WHEEL ASSEMBLY  
 2 PER FIXED DOOR PANEL  
 HARDWARE SUPPLIER: AMESBURY  
 PART #1966-7000-12  
 ADJUSTABLE 1 11/16" DIAMETER NYLON ROLLER  
 ASSEMBLY WITH ALUMINUM HOUSING ATTACHED TO  
 THE BOTTOM RAIL USING ONE 1/4"X1 SS ROD.



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



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  
 SMALL MISSILE IMPACT

Engineering:

**EngCo Inc.**

CA 8116  
 6971 W. Sunrise Blvd. 104  
 Plantation, FL 33313  
 ENGCO@AOL.COM



DRAFTING:

**PK DRAFTING & MORE**

MIAMI-DADE BCCO:

PRODUCT REVISED

as complying with the Florida  
 Building Code  
 Acceptance No. 08-0630.02  
 Expiration Date 06/26/2013

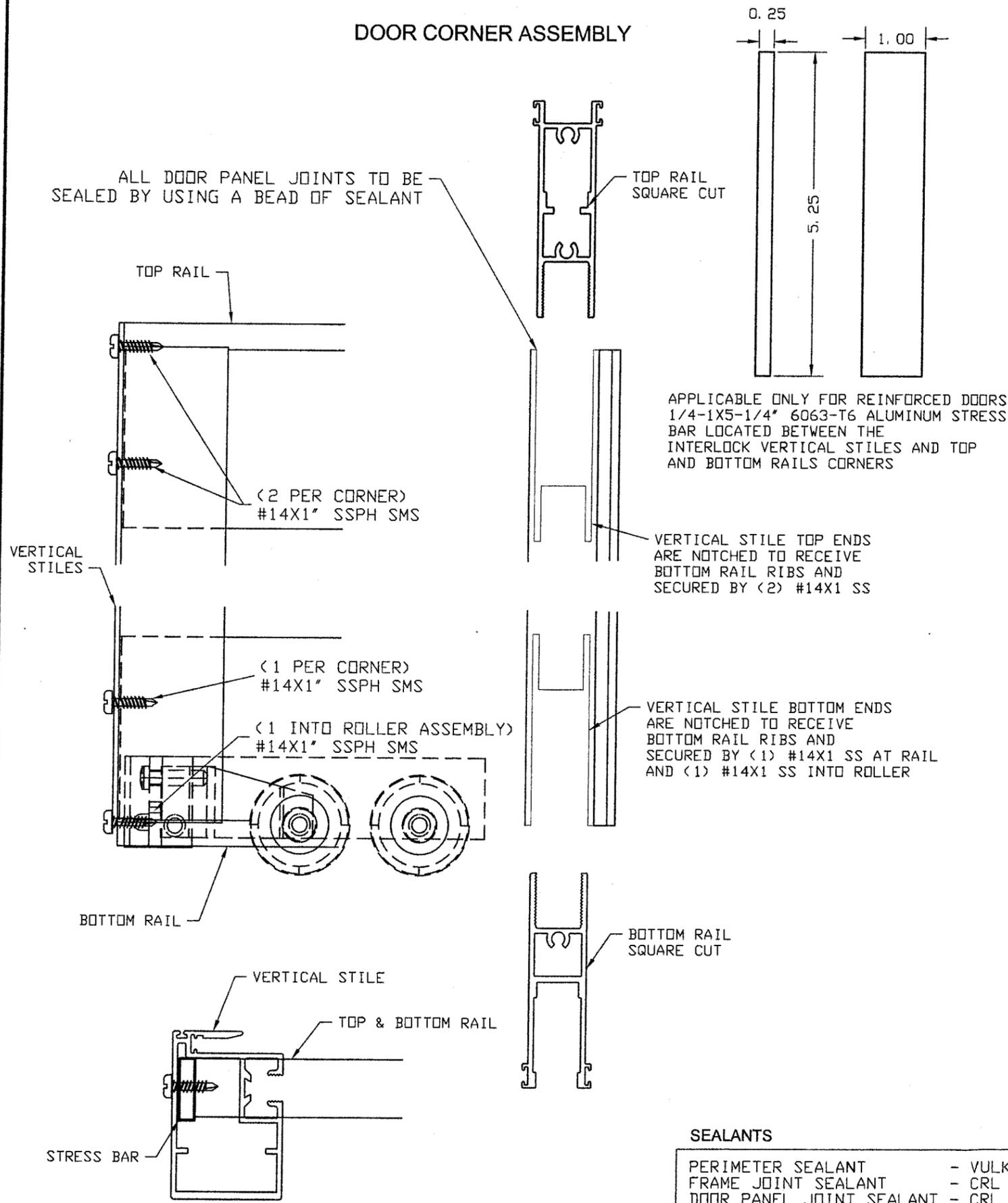
By: *[Signature]*  
 Miami Dade Product Control  
 Division

Date: 02/05/10  
 Scale: NA  
 Design by: PPMF

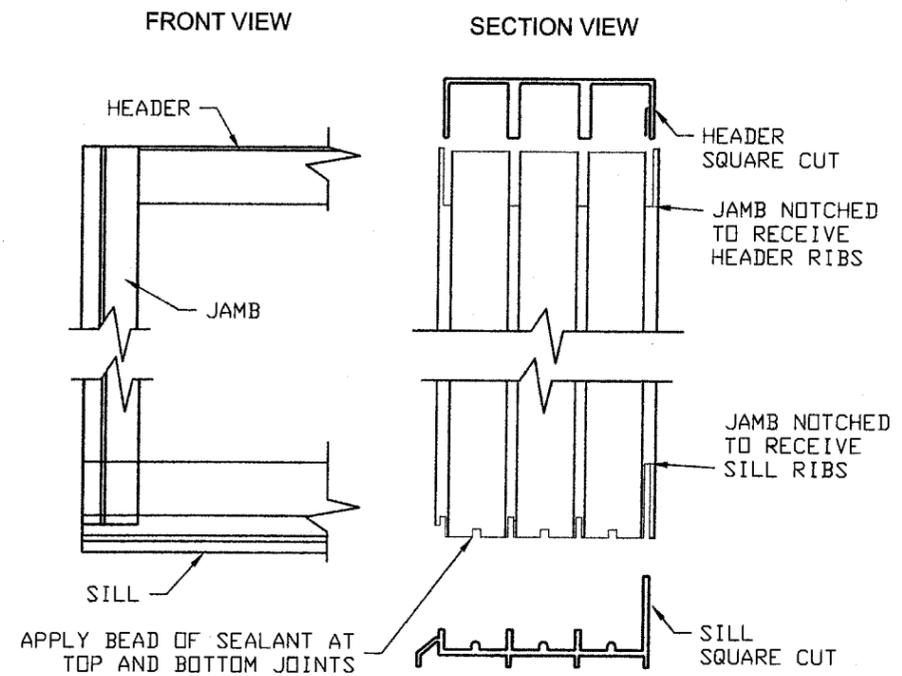
Drawing Number  
**09-220R1**

SHEET  
 12 of 13

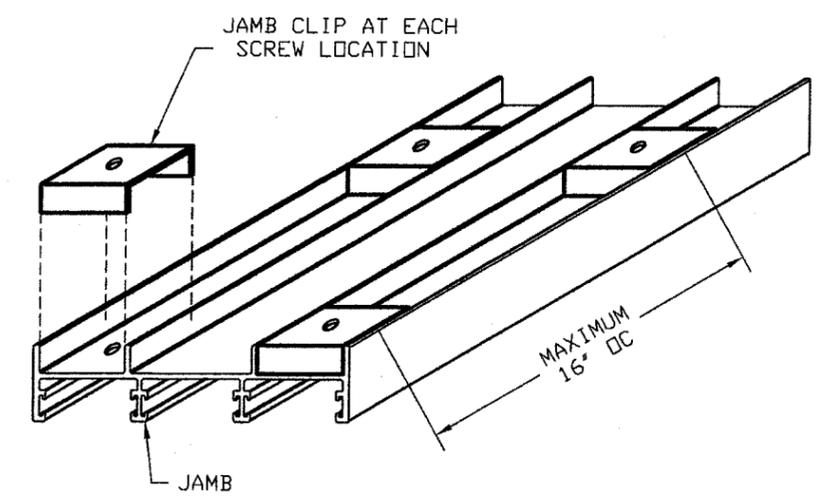
**DOOR CORNER ASSEMBLY**



**FRAMING CORNER ASSEMBLY**



**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:  
**SE**  
**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 SMALL MISSILE IMPACT

Engineering:  
**EngCo Inc.**  
 CA 8116  
 6971 W. Sunrise Blvd. 104  
 Plantation, FL 33324  
 ENSCO@AOL.COM

**PEDRO DE FIGUEROA**  
 LICENSE No. 52609  
 FEB 05 2010  
 PROFESSIONAL ENGINEER

DRAFTING:  
**PK DRAFTING & MORE**

MIAMI-DADE BCCO:  
 PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No. **080630.02**  
 Expiration Date **06/26/2013**  
 By *[Signature]*  
 Miami Dade Product Control Division

Date: 02/05/10  
 Scale: NA  
 Design by: PPMF

Drawing Number  
**09-220R1**

SHEET  
 13 of 13