



**MIAMI-DADE COUNTY**  
**BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)**  
**BOARD AND CODE ADMINISTRATION DIVISION**

**MIAMI-DADE COUNTY**  
**PRODUCT CONTROL SECTION**  
 11805 SW 26 Street, Room 208  
 Miami, Florida 33175-2474  
 T (786) 315-2590 F (786) 315-2599

**NOTICE OF ACCEPTANCE (NOA)**

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

**Ultimate Door of Palm Beach, Inc.**  
**2800 2<sup>nd</sup> Avenue North**  
**Lake Worth, FL 33461**

**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 Section 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 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. BORA 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 "Direct Set" Aluminum Clad Wood Fixed Window - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **529B**, titled "Sidelites/Transoms", sheets 1 through 4 of 4, dated 10/02/97 with revision "A" dated 06/22/01, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, 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 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 # **05-0829.06** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No. 11-0310.03**  
**Expiration Date: April 16, 2012**  
**Approval Date: April 07, 2011**  
**Page 1**

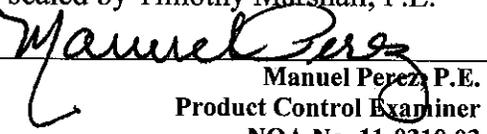
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **529B**, titled "Sidelites/Transoms", Sheets 1 through 4 of 4, dated 10/02/97 with revision "A" dated 06/22/01, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. 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 the manufacturer's parts and section drawings for 4'(w) x 8'(h) alum. clad wood fixed window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0026-0806-96**, dated 08/07/96, signed and sealed by Timothy Marshall, P.E.  
*(Submitted under previous NOA# 01-0627.01)*
2. 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 the manufacturer's parts and section drawings for 5'(w) x 10'(h) alum. clad wood fixed window (Transom), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0026-0612-97**, dated 06/18/97, signed and sealed by Timothy Marshall, P.E.  
*(Submitted under previous NOA# 01-0627.01)*
3. Test reports on: 1) Uniform Load Static Air Pressure Test, per FBC, TAS 202-94.  
along with the manufacturer's parts and section drawings for 7'(w) x 3'-6"(h) radius alum. clad wood fixed window (transom), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0026-0612-97**, dated 06/20/97, signed and sealed by Timothy Marshall, P.E.  
*(Submitted under previous NOA# 01-0627.01)*
4. Test reports on: 1) Uniform Load Static Air Pressure Test, per FBC, TAS 202-94.  
along with the manufacturer's parts and section drawings for 7'(w) x 3'-6"(h) alum. clad wood fixed window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0026-0103-97**, dated 01/08/97, signed and sealed by Timothy Marshall, P.E.  
*(Submitted under previous NOA# 01-0627.01)*
5. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94.  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94.  
3) Water Resistance Test, per FBC, TAS 202-94.  
4) Large Missile Impact Test, per FBC, TAS 201-94.  
5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94.  
along with the manufacturer's parts and section drawings for 4'(w) x 12'(h) alum. clad wood fixed window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0026-0405-97**, dated 01/08/97, signed and sealed by Timothy Marshall, P.E.  
*(Submitted under previous NOA# 01-0627.01)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 11-0310.03

Expiration Date: April 16, 2012  
Approval Date: April 07, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**B. TESTS (CONTINUED)**

6. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94.
  - 2) Uniform Static Air Pressure Test Loading, per FBC, TAS 202-94.
  - 3) Water Resistance Test, per FBC, TAS 202-94.
  - 4) Large Missile Impact Test, per FBC, TAS 201-94.
  - 5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94.

along with the manufacturer's parts and section drawings for 4'(w) x 8'(h) alum. clad wood fixed window, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0026-0414-97**, dated 04/15/97, signed and sealed by Timothy Marshall, P.E. *(Submitted under previous NOA# 01-0627.01)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W.W. Schaefer Engineering and Consulting P.A., dated 01/05/06 and revised on 03/10/11, signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies with ASTM E1300-04.

**D. QUALITY ASSURANCE**

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **08-0709.04** issued to **Glasslam N.G.I., Inc.** for their "Safety-Plus II Laminated Glass" dated 09/11/08, expiring on 08/07/13.

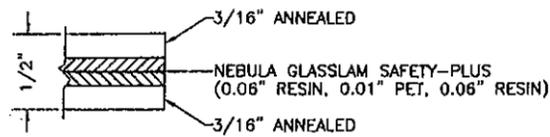
**F. STATEMENTS**

1. Statement letter of conformance dated 03/10/11, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated 03/10/11, signed and sealed by Warren W. Schaefer, P.E.
3. Testing agreement letter, dated 03/03/11 between Hurricane Test Laboratory, LLC (HTL) and Ultimate Door of Palm Beach, Inc., issued by HTL and signed by Kristin A. Norville, E.I.T.

**G. OTHERS**

1. Notice of Acceptance No. **05-0829.06**, issued to Ultimate Door of Palm Beach, Inc. for their Series "Direct Set" Aluminum Clad Wood Fixed Window – L.M.I., approved on 03/30/06 and expiring on 04/16/11.
2. One year approval, subjected to successful verification test, the final approval will be issued for the balance of a total of 5 years.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 11-0310.03  
Expiration Date: April 16, 2012  
Approval Date: April 07, 2011

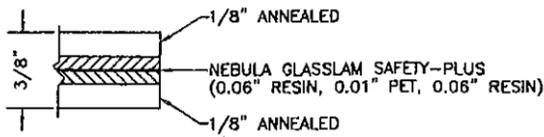


**1/2" LAMINATED ANNEALED GLASS**  
(GLASS OPTION 1)

ALLOWABLE POSITIVE & NEGATIVE DESIGN LOAD TABLE  
(FOR WINDOWS WITH 1/2" LAMINATED ANNEALED GLASS)

MAX. LONG DIMENSION	ALLOWABLE PRESSURE (PSF)									
48"	85.0	85.0	85.0	85.0	85.0					
54"	85.0	85.0	85.0	85.0	85.0	85.0				
60"	85.0	85.0	85.0	85.0	85.0	85.0	85.0			
66"	85.0	85.0	85.0	85.0	85.0	85.0	80.0	75.9		
72"	85.0	85.0	85.0	85.0	85.0	79.3	74.2	69.6	65.4	
78"	85.0	85.0	85.0	85.0	78.7	74.0	68.3	63.2	59.5	
84"	85.0	85.0	85.0	80.6	73.6	68.6	63.5	58.9		
90"	85.0	85.0	85.0	76.9	68.7	63.2	59.2			
96"	85.0	85.0	85.0	72.5	63.8	58.2	54.1			
102"	85.0	85.0	83.3	68.1	59.1	52.6				
108"	85.0	85.0	83.6	65.4	55.7					
120"	85.0	85.0	81.6	61.6	51.4					
132"	85.0	85.0	79.4	59.8						
144"	85.0	84.6	79.2							
MAX. SHORT DIMENSION	24"	30"	36"	42"	48"	54"	60"	66"	72"	

NOTE: CROSSED OUT BOXES DESIGNATE SIZES NOT ACCEPTABLE FOR THE RESPECTIVE GLASS OPTION.

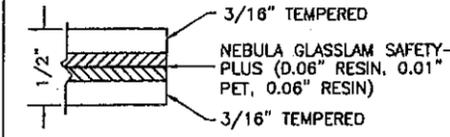


**3/8" LAMINATED ANNEALED GLASS**  
(GLASS OPTION 2)

ALLOWABLE POSITIVE & NEGATIVE DESIGN LOAD TABLE  
(FOR WINDOWS WITH 3/8" LAMINATED ANNEALED GLASS)

MAX. LONG DIMENSION	ALLOWABLE PRESSURE (PSF)									
36"	85.0	85.0	85.0	85.0						
42"	85.0	85.0	85.0	85.0	85.0					
48"	85.0	85.0	85.0	85.0	84.1	78.3				
54"	85.0	85.0	85.0	81.6	73.3	66.7	61.9			
60"	85.0	85.0	83.5	72.5	63.9	59.0	54.8	51.1		
66"	85.0	85.0	74.9	64.0	58.3	53.8	49.7	46.2	42.9	
72"	85.0	85.0	66.7	58.2	53.3	49.7	45.9	42.0		
78"	85.0	85.0	61.1	52.1	49.3	45.5	42.2			
84"	85.0	85.0	58.3	48.2	45.3	42.0	39.4			
90"	85.0	85.0	55.7	55.7	41.3	39.5				
96"	85.0	85.0	53.3	42.1	38.3	36.6				
102"	85.0	84.9	51.5	40.0	35.5					
108"	85.0	83.1	50.4	38.7	33.1					
120"	85.0	79.8	48.9	36.3						
132"	85.0	79.4	48.6							
144"	85.0	75.8	47.2							
MAX. SHORT DIMENSION	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"

NOTE: CROSSED OUT BOXES DESIGNATE SIZES NOT ACCEPTABLE FOR THE RESPECTIVE GLASS OPTION.

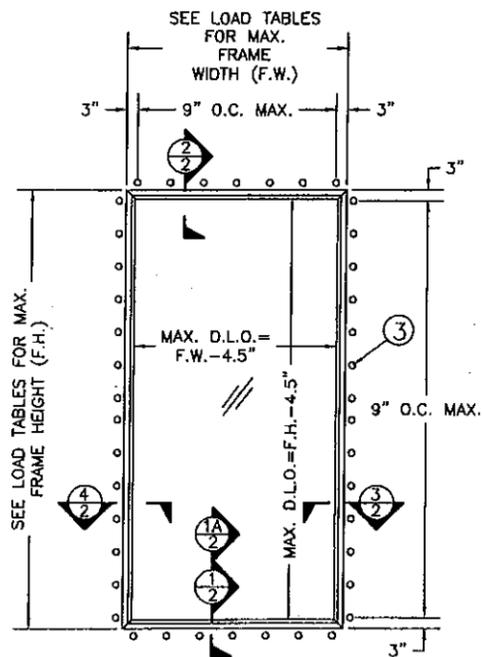


**1/2" LAMINATED TEMPERED GLASS**  
(GLASS OPTION 3)

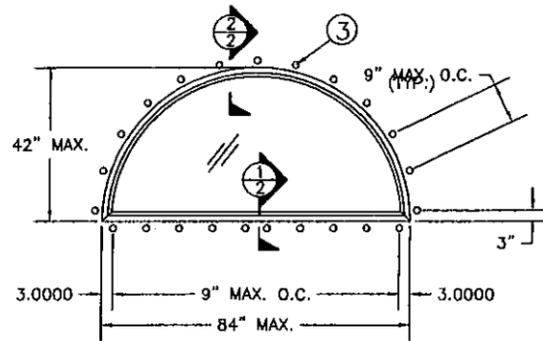
ALLOWABLE POSITIVE & NEGATIVE DESIGN LOAD TABLE  
(FOR WINDOWS WITH 1/2" LAMINATED TEMPERED GLASS)

MAX. LONG DIMENSION	ALLOWABLE PRESSURE (PSF)				
60"	65.0	65.0	65.0		
66"	65.0	65.0	65.0	61.8	
72"	65.0	65.0	65.0	59.1	54.2
78"	65.0	65.0	65.0	59.1	54.2
84"	65.0	65.0	65.0	59.1	54.2
90"	65.0	65.0	65.0	59.1	54.2
96"	65.0	65.0	65.0	59.1	54.2
102"	65.0	65.0	65.0	59.1	
108"	65.0	65.0	65.0	59.1	
120"	65.0	65.0	65.0		
132"	65.0	65.0			
144"	65.0				
MAX. SHORT DIMENSION	48"	54"	60"	66"	72"

NOTE: CROSSED OUT BOXES DESIGNATE SIZES NOT ACCEPTABLE FOR THE RESPECTIVE GLASS OPTION.

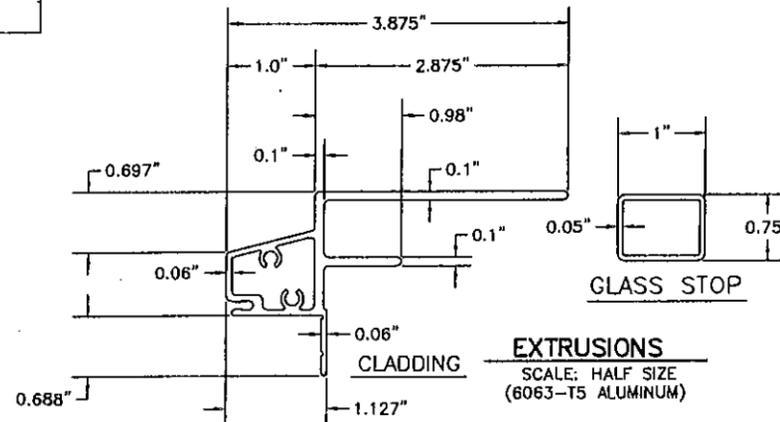
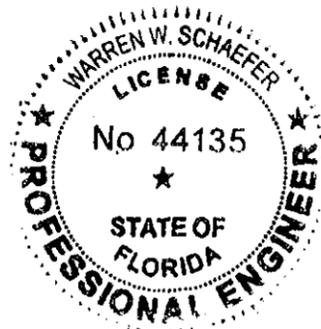


**EXTERIOR ELEVATION**  
**SIDELIGHT/TRANSOM**



**EXTERIOR ELEVATION**  
**TRANSOM**

SEE DETAILS & ANCHOR REQUIREMENT TABLE ON SHEET 3 FOR ANCHOR REQUIREMENTS



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No **11-0310.03**  
Expiration Date **APRIL 16, 2012**  
By *Warren W. Schaefer*  
Miami Dade Product Control

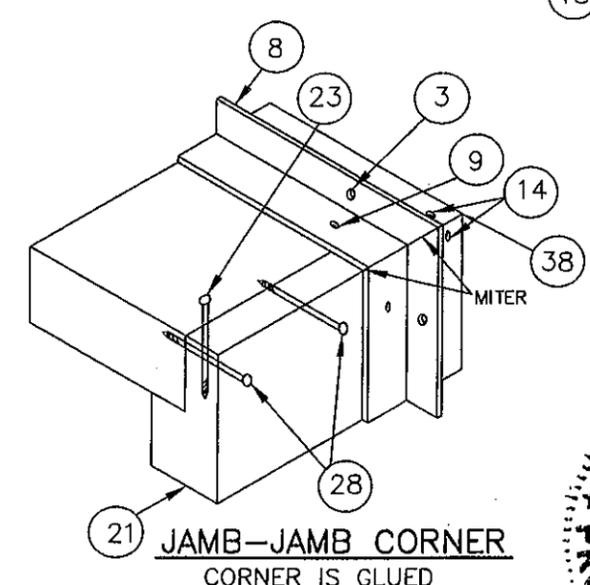
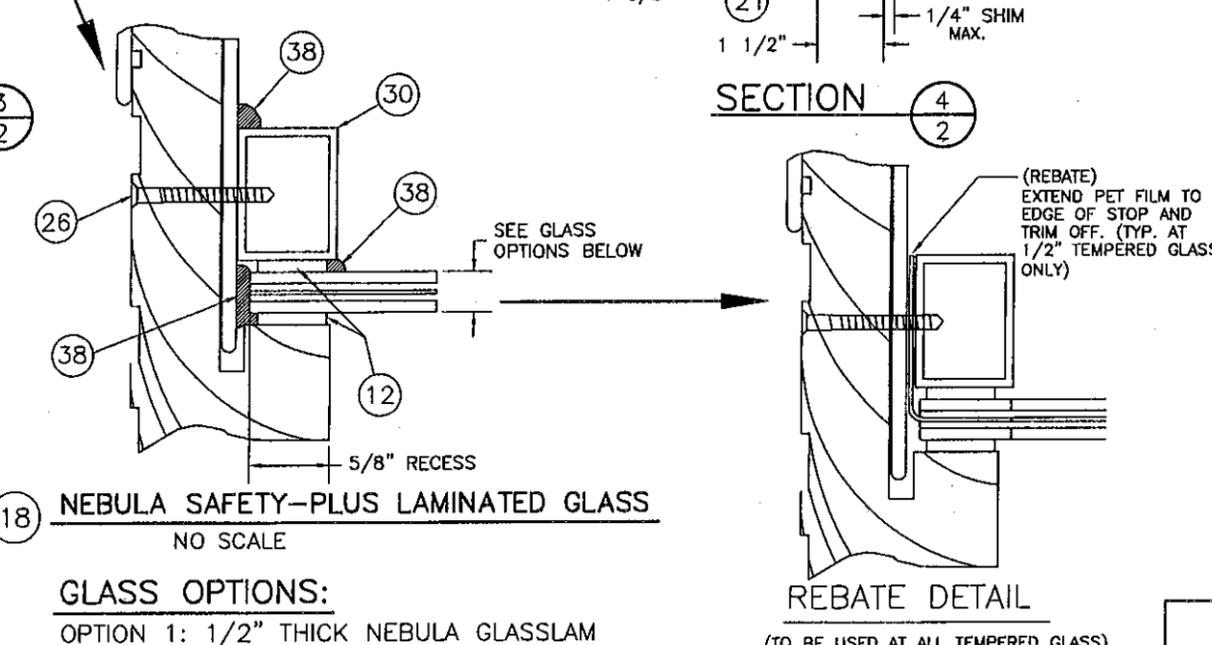
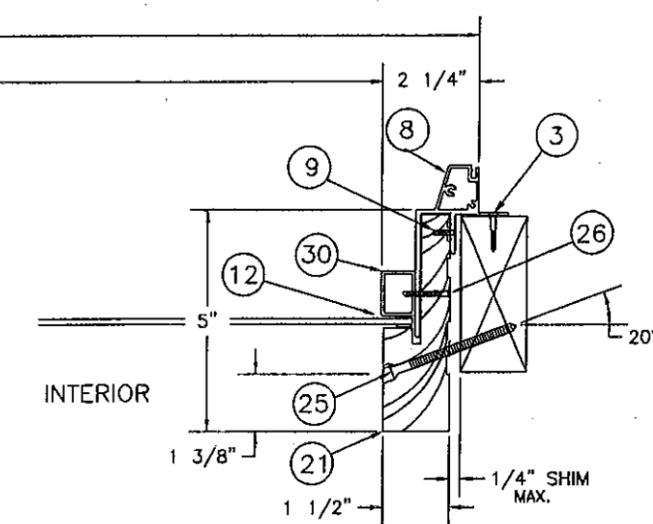
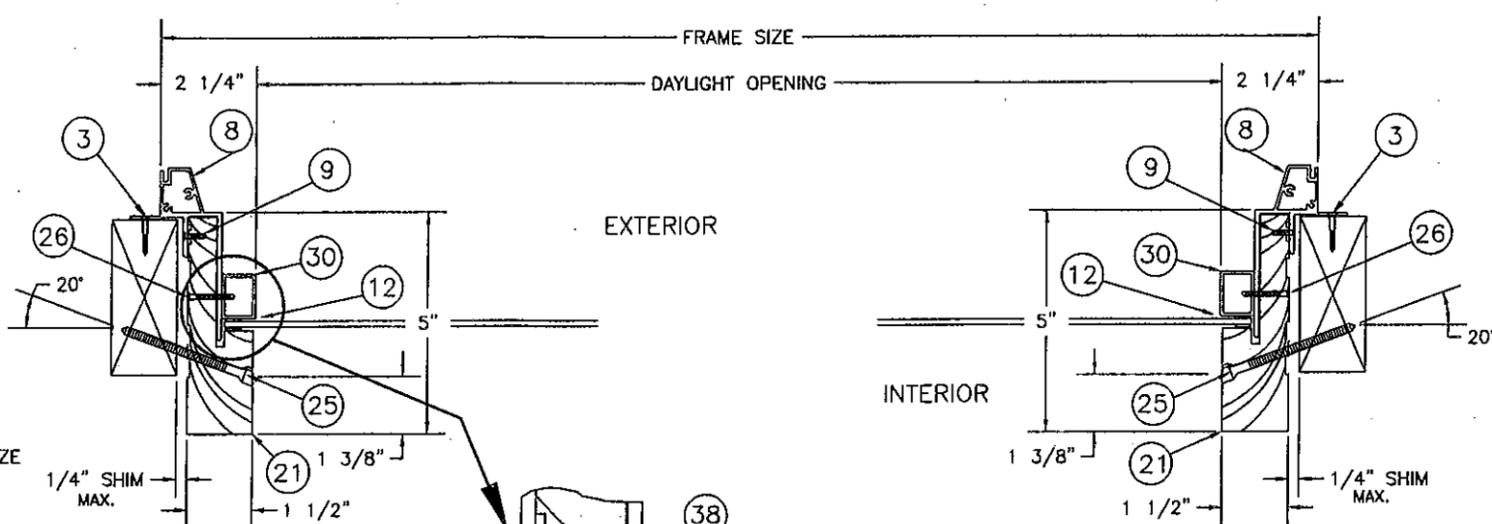
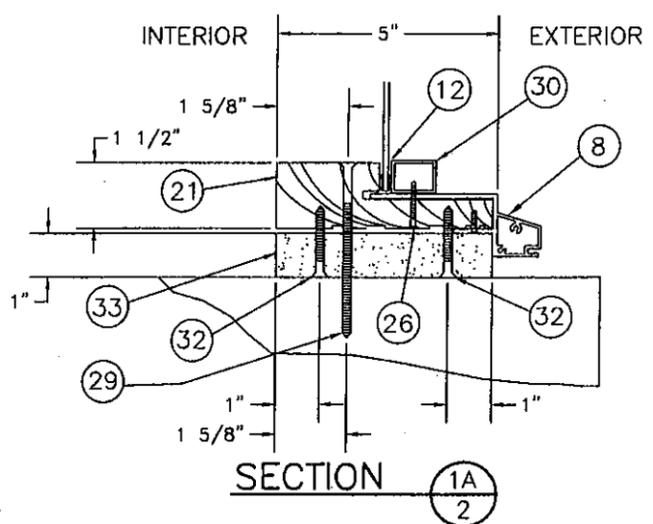
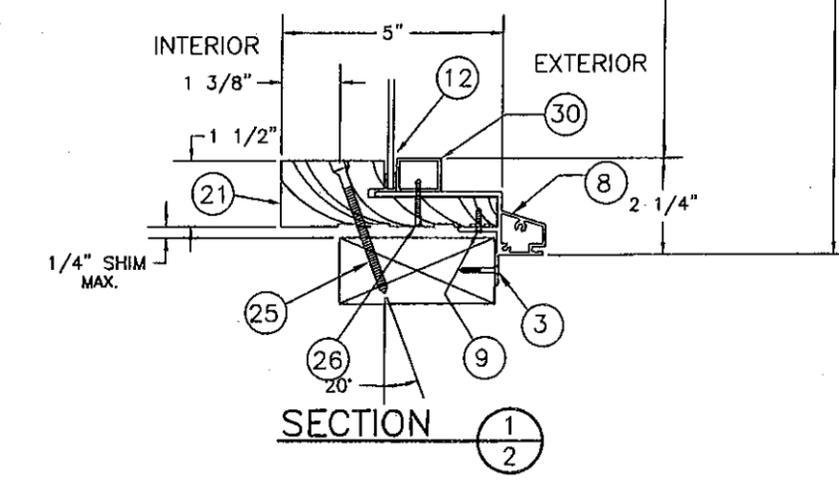
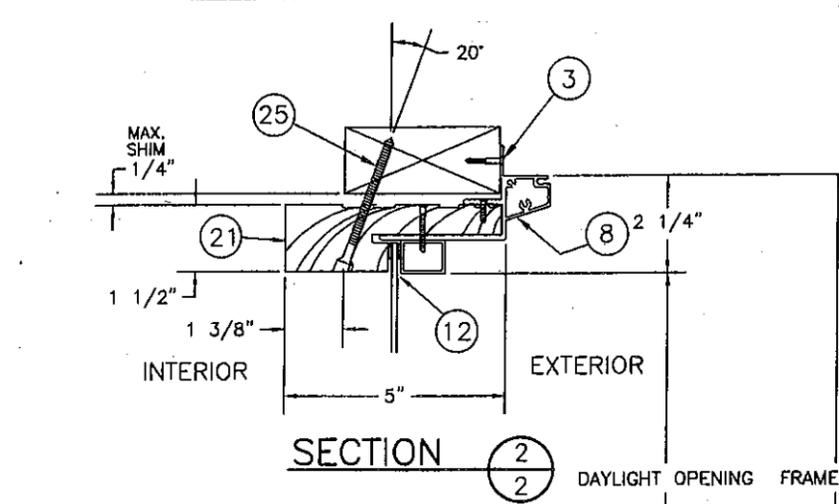
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424

**ULTIMATE DOOR OF PALM BEACH, INC. (DADE)**  
2800 2ND AVENUE NORTH  
LAKE WORTH, FL 33461  
PHONE: 561-642-2828; FAX: 561-642-9882

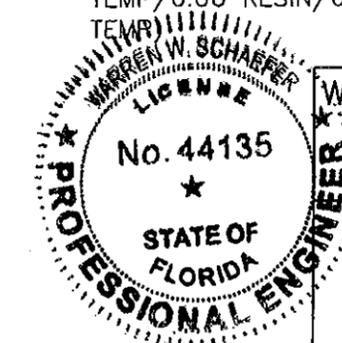
MAR 11 2011

SCALE: 1/4" = 1'-0"	DRAWN BY: W.W.S.
TITLE: SIDELITES/TRANSOMS	DATE: 10/02/97
REV. NO. A	DESCRIPTION: REVISED LOAD TABLES
DATE: 6/22/01	
529B	C
DRAWING NO.	REV.
SHEET 1 OF 4	

WARREN W. SCHAEFER, P.E.  
STRUCTURAL ENGINEER; P.E. NO. 44135



**GLASS OPTIONS:**  
 OPTION 1: 1/2" THICK NEBULA GLASSLAM SAFETY-PLUS LAMINATED GLASS (3/16" AN/0.06 RESIN/0.01 PET/0.06 RESIN/3/16" AN)  
 OPTION 2: 3/8" THICK NEBULA GLASSLAM SAFETY-PLUS LAMINATED GLASS (1/8" AN/0.06 RESIN/0.01 PET/0.06 RESIN/1/8" AN)  
 OPTION 3: 1/2" THICK NEBULA GLASSLAM SAFETY-PLUS LAMINATED GLASS (3/16" TEMP/0.06 RESIN/0.01 PET/0.06 RESIN/3/16" TEMP)



**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
 7480 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424

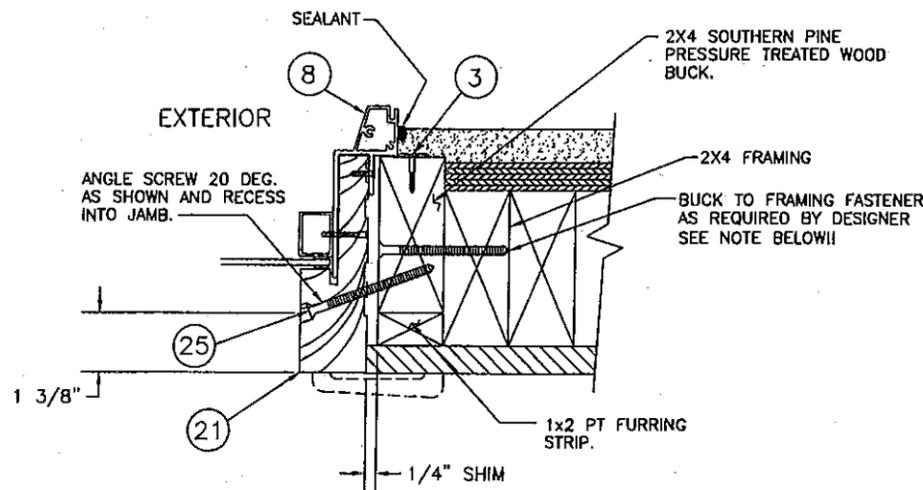
MAR 11 2011

WARREN W. SCHAEFER, P.E.  
 STRUCTURAL ENGINEER; P.E. NO. 44135

**ULTIMATE-DOOR OF PALM BEACH, INC.** (DADE)  
 2800 2ND AVENUE NORTH  
 LAKE WORTH, FL 33461  
 PHONE: 561-642-2828; FAX: 561-642-9882

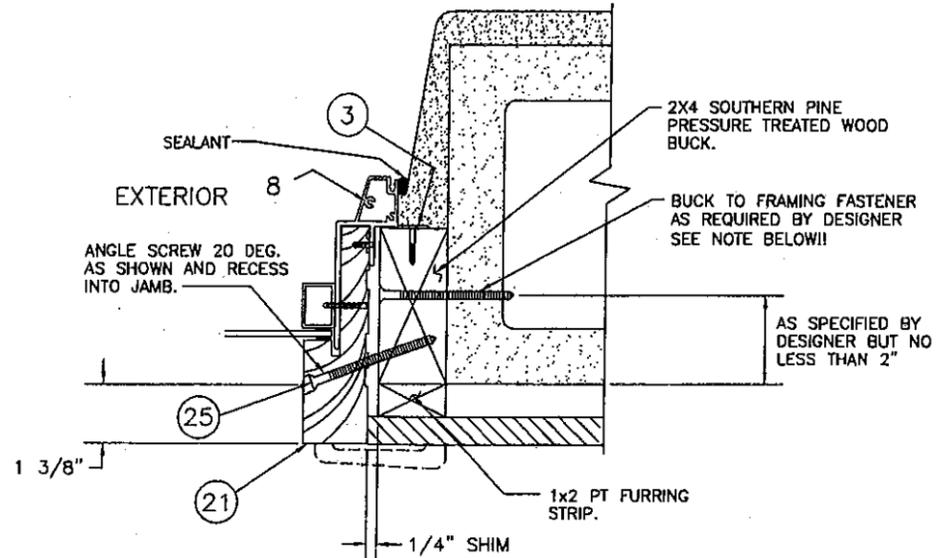
SCALE: 3"=1'-0"		DRAWN BY: W.W.S.	
TITLE: SIDELITES/TRANSOMS		DATE: 10/02/97	
REV. NO.	DESCRIPTION	DATE	
			529B C
			DRAWING NO. REV.
			SHEET 2 OF 4

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 11-D310.03 Expiration Date APRIL 16, 2012  
 By *Manuel Perez*  
 Miami/Dade Product Control



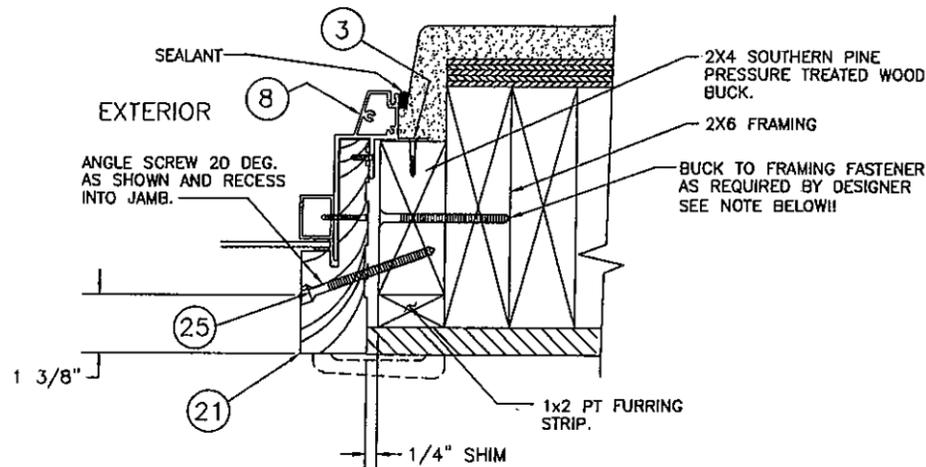
**BUCKING DETAIL  
2X4 FRAMED OPENING**

NOTE: POINT LOADS EXIST AT MULLION ENDS AND AT DOOR LATCH POINTS AND VARY WITH THE SIZE OF THE SYSTEM. THE BUCK FASTENING DESIGNER SHALL CONSIDER THESE LOADS WHEN SPECIFYING BUCK TO OPENING FASTENERS AND THEIR SPACINGS (FASTENER SPACING SHALL NOT EXCEED 16" O.C. REGARDLESS OF SITUATION).



**BUCKING DETAIL  
BLOCK OR CONCRETE FRAMED OPENING**

NOTE: POINT LOADS EXIST AT MULLION ENDS AND AT DOOR LATCH POINTS AND VARY WITH THE SIZE OF THE SYSTEM. THE BUCK FASTENING DESIGNER SHALL CONSIDER THESE LOADS WHEN SPECIFYING BUCK TO OPENING FASTENERS AND THEIR SPACINGS (FASTENER SPACING SHALL NOT EXCEED 16" O.C. REGARDLESS OF SITUATION).



**BUCKING DETAIL  
2X6 FRAMED OPENING**

NOTE: POINT LOADS EXIST AT MULLION ENDS AND AT DOOR LATCH POINTS AND VARY WITH THE SIZE OF THE SYSTEM. THE BUCK FASTENING DESIGNER SHALL CONSIDER THESE LOADS WHEN SPECIFYING BUCK TO OPENING FASTENERS AND THEIR SPACINGS (FASTENER SPACING SHALL NOT EXCEED 16" O.C. REGARDLESS OF SITUATION).

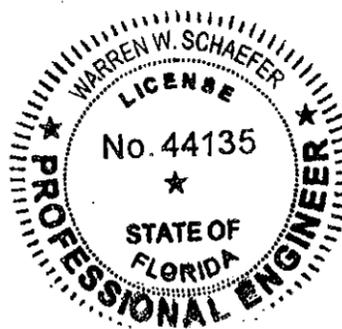
**GENERAL NOTES:**

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF WINDOWS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

**ANCHOR REQUIREMENTS TABLE**

FRAME SHEAR SCREWS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 8 SMS SCREW	1 1/4"	3/4"
MIN. 2500 P.S.I. CONCRETE	1/4" CONCRETE SCREW	1 1/4"	2 1/2"
NAIL FIN SCREWS			
2X_ WOOD FRAME OR BUCK	NO. 8 S.S. SMS SCREW	1 1/8"	1/2"

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 11-0310.03  
 Expiration Date APRIL 16, 2012  
 By *Manuel Pesa*  
 Miami Dade Product Control



W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.  
 7480 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424

**ULTIMATE-DOOR**  
 OF PALM BEACH, INC. (DADE)  
 2800 2ND AVENUE NORTH  
 LAKE WORTH, FL 33461  
 PHONE: 561-642-2828; FAX: 561-642-9882

SCALE: 3"=1'-0"		DRAWN BY: W.W.S.	
TITLE: SIDELITES/TRANSOMS		DATE: 10/02/97	
REV. NO.	DESCRIPTION	DATE	529B   C DRAWING NO. REV.
B1	UPDATE GENERAL NOTES TO 2004 CODE COMPLIANT	08/09/05	
C1	UPDATE GEN. NOTES TO 2007 FBC	03/11/11	
SHEET 3 OF 4			

MAR 11 2011  
 WARREN W. SCHAEFER, P.E.  
 STRUCTURAL ENGINEER; P.E. NO. 44135

## Material List MTL-1

1. 4" x 4 1/2" Hager nickel cad plated brass hinge with stainless steel ball bearings, pin and cap (part no. RCBB 1191)
2. #10 x 1 1/2" stainless steel screws (hinge to panel).
3. #8 x 1 1/4" s/stl SMS or wood screw (screw nail fin to bucking) @ 3" from corners and 9" o.c.
4. #6 x 1 1/2" trim screw at glass stop (2" from ends- spaced 9 1/2" apart).
5. 458-B26D-12" Hager flush bolt w/custom 3/8" stainless steel thru bolt.
6. SCHLEGEL multi point lock, manufactured by Fulex Co. (3-point).
7. 4 1/2" aluminum stiles & 7 1/2" bottom rail .090 extrusion, 6063 alloy, T5 Tempered.
8. Clad Frame aluminum .10 extrusion, 6063 alloy, T5 Tempered.
9. #8 x 5/8" hex tek screws secures clad frame to wood (spaced 12" apart).
10. #8 x 2 1/2" SMS or wood screw (frame to panel attachment for fixed panel placed within 4" of corners and spaced 9" apart)
11. Sub-threshold (seals end grain of frame).
12. Pak-Lite Glazing Tape 1/16" x 9/16" (2) sided adhesive (closed cell urethane).
13. SCHLEGEL Q-Lon 605 door seals #A-6F16A.
14. #6 x 2" zinc plated Phillips flat head screws (fastens clad jamb corners).
15. #48-28-3770-1 KoroSeal sweeps.
16. Hardwood 3/4" x 2" x 5" tenons.
17. #12 x 1" stainless steel screws (hinge to frame).
18. Nebula Glosslam Safety-Plus Laminated Glass (overall thickness 3/8" AN or 1/2" T)  
Clear 1/8" annealed or 3/16" tempered  
Adhesive innerliner /1/16"  
PET /010  
Adhesive innerliner /1/16"  
Clear 1/8" annealed or 3/16" tempered
19. 4 9/16" aluminum bumper threshold with continuous polymeric bulb gasket.
20. Stile and rail material, stage block core with 1/8" face veneers (clear pine).
21. Finger jointed pine, rabbeted jambs.
22. Concrete screw CR-10 (1/4" x 3 1/4") Code No. TF3132C @ 6" from corner and not to exceed 24" o.c. (option to use 1/4" x 3 1/4" tapcons).
23. #10 x 3 1/2" part #C312D coarse thread (fastens wood head to wood jamb).
24. 3/8" x 6" galvanized lag bolt with 1/4" washer.  
A - through head into panel.  
B - through threshold into panel.
25. #8 square slot finish screw @ 3" from each end not to exceed 12" c/c around. Angle 20 deg. when attaching to 2x4 buck.
26. #10 x 1 1/4" TEK, 9" o.c.
28. #8 x 2 1/2" Galvanized deck screw, phillips head, coarse thread (fastens wood to jamb to wood head and 2" x 6" wood mull to wood jamb or wood head).  
Place within 6" of ends and space at 12" o.c.
29. 1/4" Tapcon (non corrosive) placed 3" from each corner and 12" o.c.
30. 3/4" Glass stop tubular aluminum .050 extrusion 6063 alloy T-5 Tempered.
31. 3/4" wood glass stop.
32. #8 galv. deck screw (fastens wood mull to wood jamb or wood head & sub-threshold to sill jamb). Place within 6" of ends and space at 12" o.c.
33. 4 9/16" - 5" x 1" sub-threshold fastened to sill.
34. 4 9/16" x 1 1/4" pine mull.
35. Aluminum mull clip.
36. #7 X 2 1/4" Square drive trim screw @ 11" o.c. and 1 1/2" from ends.
37. Wood astragal 1 1/2" x 1 1/8".
38. Dow Corning 795 Silicon Sealant.
39. 1" x 2 1/4" x 1/16" s/stl strike plate attached to door panel top & bottom rails with two No. 6 x 1 1/2" s/stl SMS screws.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-0310-03  
Expiration Date April 16, 2012  
By Manuel Perez  
Miami/Dade Product Control



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