



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Ultimate Door of Palm Beach, Inc.
2800 2nd 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 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 "Direct Set" Aluminum Clad Wood Fixed Windows- L.M.I.

APPROVAL DOCUMENT: Drawing No. 529B, titled "Sidelites/Transom", sheets 1 through 4 of 4, dated 10/02/97 with revision "A" on 06/22/01, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, P.E., bearing the Miami-Dade County Product Control Renewal Stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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 # 01-0627.01 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 **Herminio F. Gonzalez, P.E., Director, BCCO**



J. Gonzalez
3/9/06

NOA No 05-0829.06

Expiration Date: April 16, 2011

Approval Date: March 30, 2006

Page 1

Ultimate Door of Palm Beach, Inc.

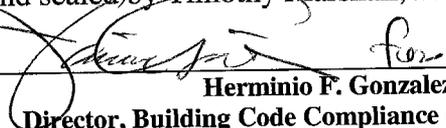
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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" on 06/22/01, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren 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 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 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 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 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 NOA# 01-0627.01"



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0829.06
Expiration Date: April 16, 2011
Approval Date: March 30, 2006

Ultimate Door of Palm Beach, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 NOA# 01-0627.01"

C. CALCULATIONS

1. Revised anchor calculations and structural analysis prepared by W.W. Schaefer Engineering and Consulting P.A., dated 08/12/97, revised on 6/22/01 to include ASTM E-1300-02 calculations, signed and sealed by Warren W. Schaefer, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

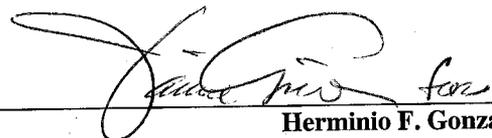
1. Notice of Acceptance No. 03-0916.02 "Glasslam Safety-Plus" issued to Nebula Glass International, Inc., dated 10/23/03 with expiration date 09/09/08.

F. STATEMENTS

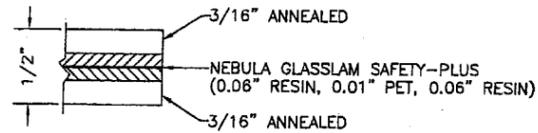
1. Letter from Ultimate Door of Palm Beach, Inc. dated January 22, 2001, stating that the product has not changed since it was originally approved and certifying that their engineer Warren W. Schaefer, P.E. is still practicing engineering, signed and sealed by Roger Warwick, P.E.

G. OTHER

1. Notice of Acceptance No. 01-0627.01, issued to Ultimate Door of Palm Beach, Inc. for their Series "Direct Set" Aluminum Clad Wood Fixed Window-Impact Resistant, approved on 09/20/01 and expiring on 04/16/06.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0829.06
Expiration Date: April 16, 2011
Approval Date: March 30, 2006

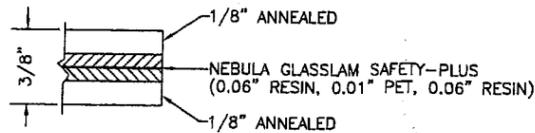


**1/2" LAMINATED ANNEALED GLASS
(GLASS OPTION 1)**

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

MAX. LONG DIMENSION	ALLOWABLE PRESSURE (PSF)																
	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"	126"	132"	138"	144"
48"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
54"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	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	85.0	85.0	85.0	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	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
72"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
78"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
84"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
90"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
96"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
102"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
108"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
114"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
120"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
126"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
132"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
138"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
144"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
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.

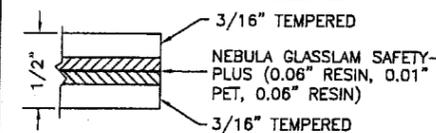


**3/8" LAMINATED ANNEALED GLASS
(GLASS OPTION 2)**

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

MAX. LONG DIMENSION	ALLOWABLE PRESSURE (PSF)																		
	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"	126"	132"	138"	144"
36"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
42"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
48"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
54"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	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	85.0	85.0	85.0	85.0	85.0	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	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
72"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
78"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
84"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
90"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
96"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
102"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
108"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
114"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
120"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
126"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
132"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
138"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
144"	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
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.

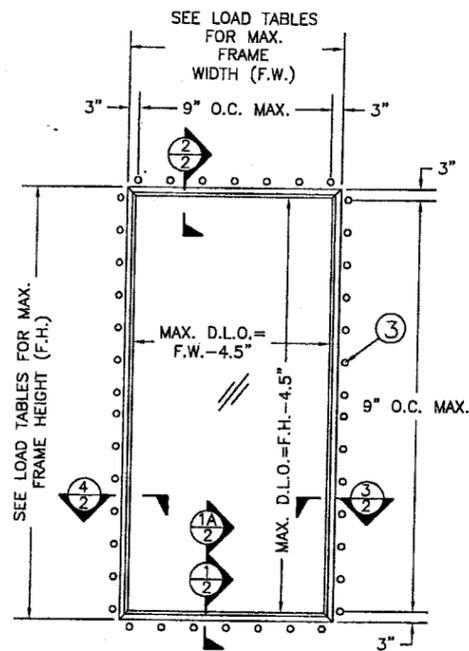


**1/2" LAMINATED TEMPERED GLASS
(GLASS OPTION 3)**

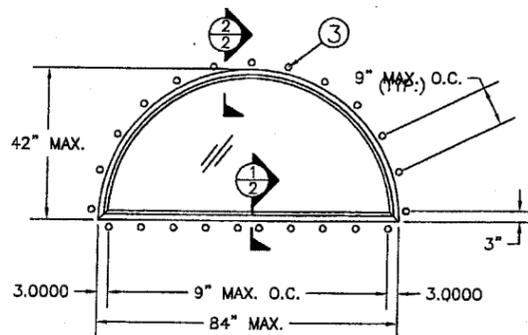
ALLOWABLE POSITIVE & NEGATIVE DESIGN LOAD TABLE
(FOR WINDOWS WITH 1/2" LAMINATED TEMPERED GLASS)

MAX. LONG DIMENSION	ALLOWABLE PRESSURE (PSF)				
	60"	66"	72"	78"	84"
60"	65.0	65.0	65.0	65.0	65.0
66"	65.0	65.0	65.0	65.0	65.0
72"	65.0	65.0	65.0	65.0	65.0
78"	65.0	65.0	65.0	65.0	65.0
84"	65.0	65.0	65.0	65.0	65.0
90"	65.0	65.0	65.0	65.0	65.0
96"	65.0	65.0	65.0	65.0	65.0
102"	65.0	65.0	65.0	65.0	65.0
108"	65.0	65.0	65.0	65.0	65.0
114"	65.0	65.0	65.0	65.0	65.0
120"	65.0	65.0	65.0	65.0	65.0
126"	65.0	65.0	65.0	65.0	65.0
132"	65.0	65.0	65.0	65.0	65.0
138"	65.0	65.0	65.0	65.0	65.0
144"	65.0	65.0	65.0	65.0	65.0
MAX. SHORT DIMENSION	48"	54"	60"	66"	72"

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

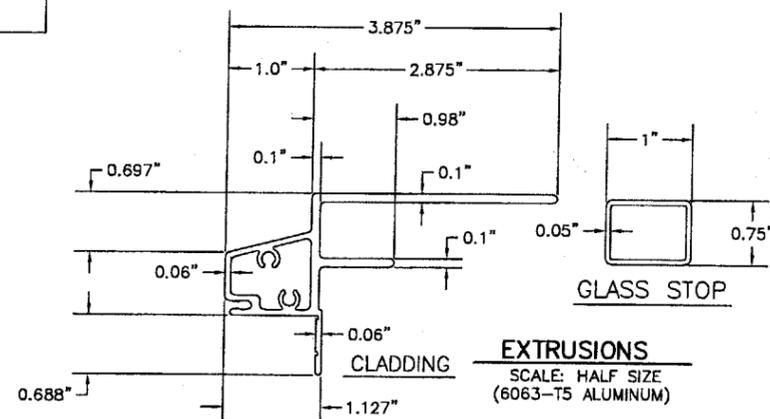


**EXTERIOR ELEVATION
SIDELIGHT/TRANSOM**



**EXTERIOR ELEVATION
TRANSOM**

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



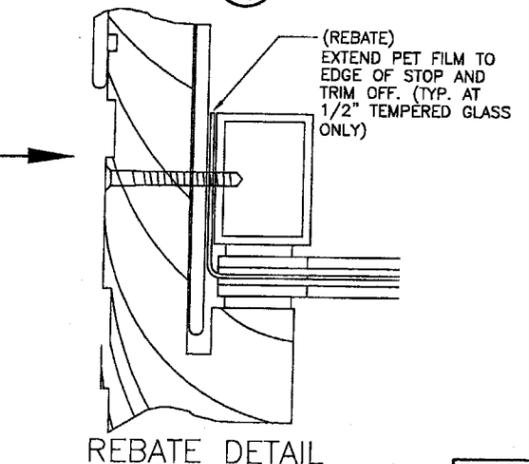
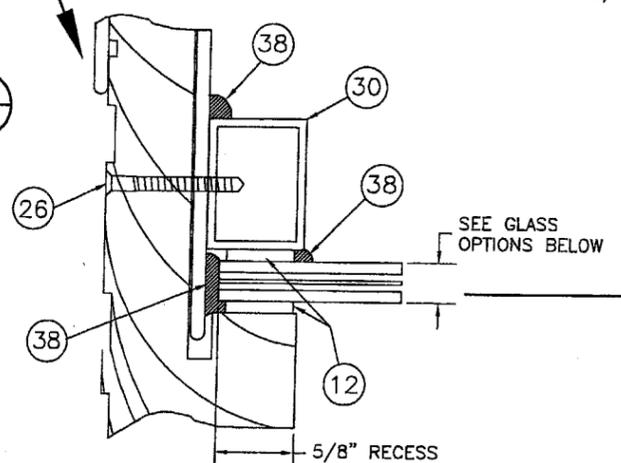
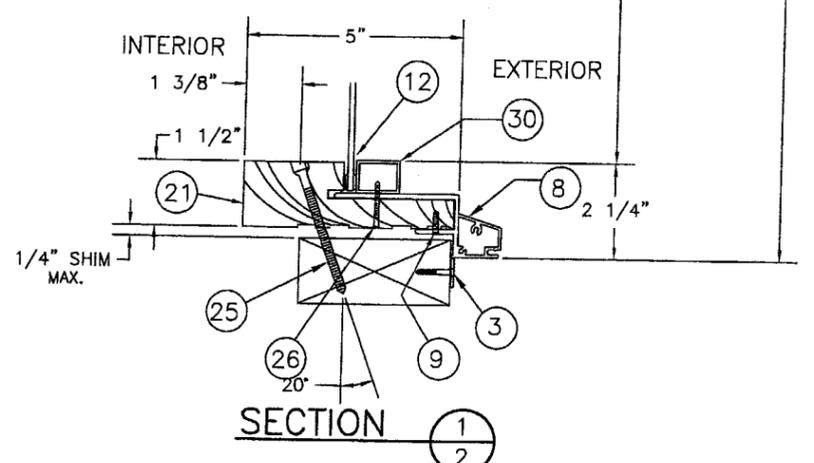
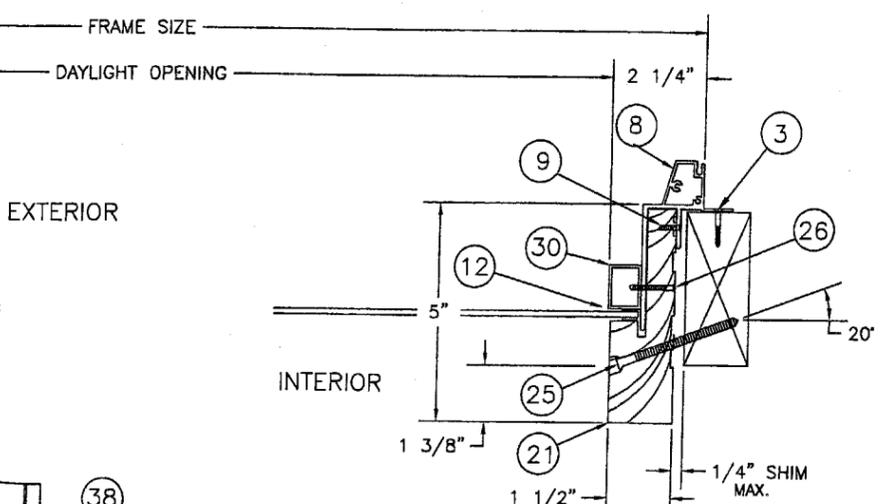
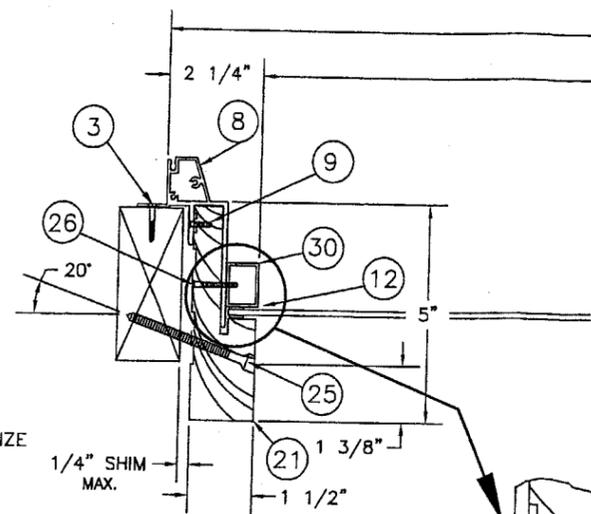
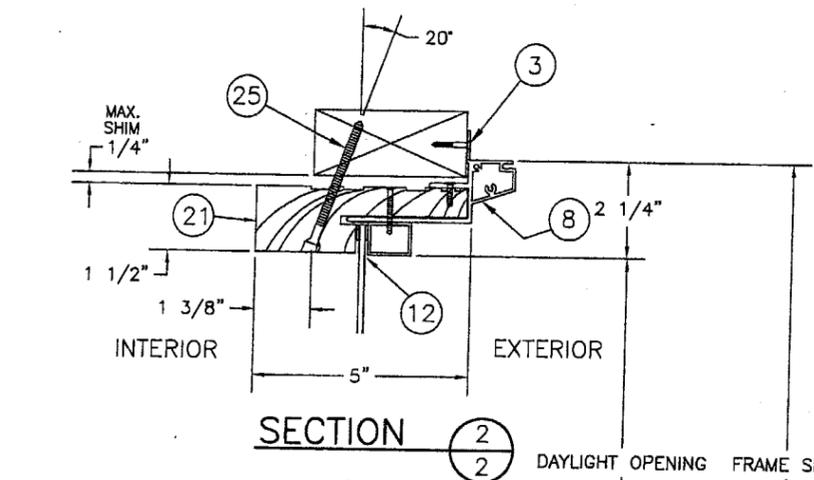
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 05-0829.06
Expiration Date 04/16/11
By [Signature]
Miami Dade Product Control
Division

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902; FAX: 561-775-4903

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

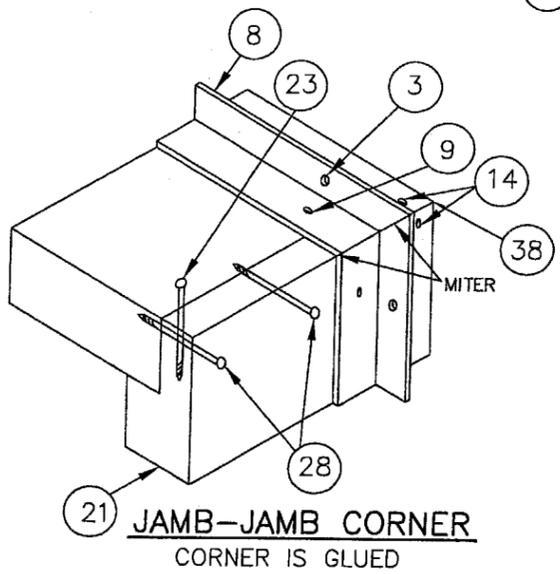
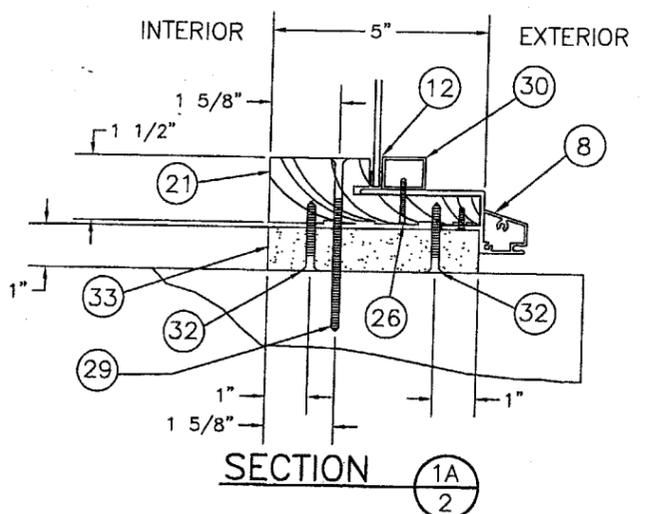
JAN 15 2006
WARREN W. SCHAEFER, P.E.
STRUCTURAL ENGINEER; P.E. NO. 44135

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	DRAWING NO. 529B
	REV. B
SHEET 1 OF 4	



18 NEBULA SAFETY-PLUS LAMINATED GLASS
NO SCALE

- 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)



21 JAMB-JAMB CORNER
CORNER IS GLUED

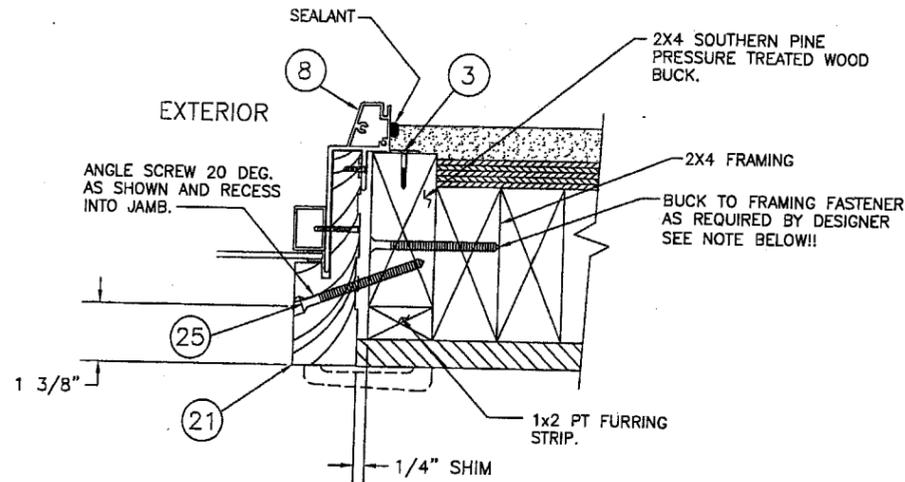
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. *05-0829.06*
Expiration Date *04/16/11*
Warren W. Schaefer
Structural Product Control
Division

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902; FAX: 561-775-4903

ULTIMATE-DOOR OF PALM BEACH, INC. (DADE)
2800 2ND AVENUE NORTH
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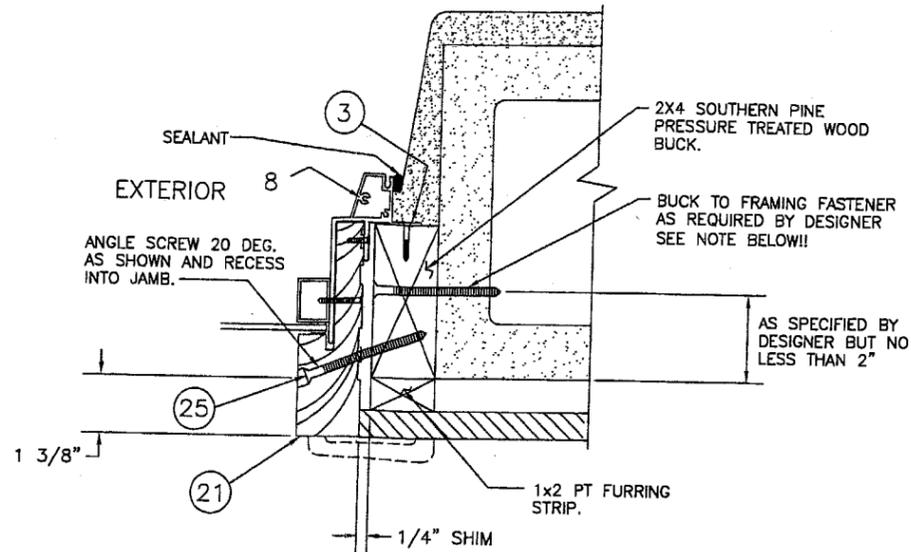
JAN 16 2006
WARREN W. SCHAEFER, P.E.
STRUCTURAL ENGINEER, P.E. NO. 44135

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



**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).

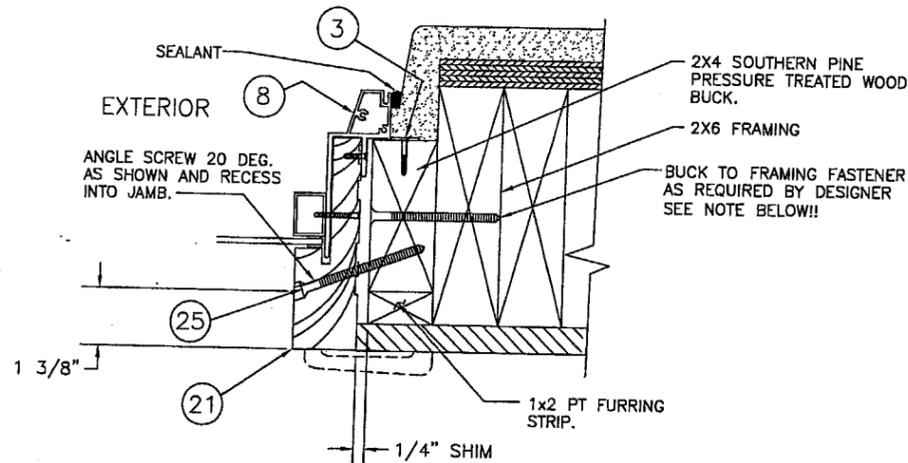


**BUCKING DETAIL
BLOCK OR CONCRETE FRAMED OPENING**

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).

GENERAL NOTES

1. THESE WINDOWS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES.
2. MINIMUM MECHANICAL PROPERTIES SHALL BE IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION HANDBOOK AND NATIONAL WOOD WINDOW AND DOOR MANUFACTURERS ASSOCIATION.
3. DESIGN POSITIVE AND NEGATIVE WIND LOADS FOR OPENINGS MAY NOT EXCEED THOSE LISTED ON THESE DRAWINGS FOR EACH PARTICULAR SYSTEM.
4. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.
5. THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS PROPOSED FOR IMPACT, CYCLIC AND UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH FBC PROTOCOLS TAS-201, 202 AND 203 WITH DESIGN LOADS AS SHOWN IN THE LEGEND AND/OR IN GRAPHS.
6. ALL FASTENERS FOR BUCK TO OPENING CONNECTIONS SHALL BE AS SPECIFIED BY THE DESIGNER OF RECORD BUT MUST CONFORM WITH THE MINIMUM REQUIREMENTS OF THESE DRAWINGS.
6. REFER TO MATERIAL LIST "MTL-1" FOR ALL MATERIAL DESCRIPTIONS.



**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).

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 RENEWED
as complying with the Florida Building Code
Acceptance No. 05-0829.04
Expiration Date 04/16/11
By: [Signature]
Miami Dade Product Control Division

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TITLE: SIDELITES/TRANSOMS		DATE: 10/02/97	
REV. NO.	DESCRIPTION	DATE	529B B
B1	UPDATE GENERAL NOTES TO 2004 CODE COMPLIANT	08/09/05	
		DRAWING NO. REV.	
		SHEET 3 OF 4	

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 Glasslam 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.

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as complying with the Florida
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