



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidadade.gov/buildingcode

Peetz Windows and Doors, Inc.
15951 SW 41 Street; Suite 150
Weston, FL 33331

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 "American Outswing Fixed Casement" Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1322, titled "American Out-Swing Fixed Casement Impact Wood Windows", sheets 1 through 7 of 7, dated 03/11/05, with revision A1 dated 05/06/10, 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA # **05-0622.04** 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. 10-0510.05
Expiration Date: August 18, 2015
Approval Date: September 15, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **1322**, Sheets 1 through 7 of 7, titled "American Out-Swing Fixed Casement Impact Wood Windows", dated 03/15/05 with revision A1 dated 05/06/10, 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) 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 202-94along with the manufacturer's parts drawings, installation diagram and marked-up drawings of an outswing & inswing wood casement window, prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0284-1018-04**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under previous NOA# 05-0622.04)*
2. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94.
 - 3) Water Resistance Test, per FBC, TAS 202-94.
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with the manufacturer's parts drawings, installation diagram and marked-up drawings of an outswing & inswing wood casement window, prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0284-0115-05**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under previous NOA# 05-0622.04)*
3. 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 203-94along with the manufacturer's parts drawings, installation diagram and marked-up drawings of a fixed casement wood fixed window, prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0284-0116-05**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under previous NOA# 05-0622.04)*


Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-0510.05

Expiration Date: August 18, 2015
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Peetz Windows and Doors, Inc.

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C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 04/07/05, revised on 04/29/10, signed and sealed by Warren W. Schaefer, P.E.
Complies with ASTM E1300-04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

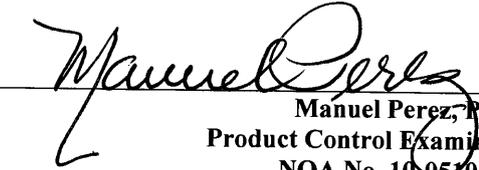
1. Notice of Acceptance No. **06-0216.06** issued to **Solutia, Inc.** for their "**Saflex III G Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.
2. Notice of Acceptance No. **08-0520.08** issued to **Solutia, Inc.** for their "**Vanceva Composites Glass Interlayer**" dated 07/17/08, expiring on 12/11/13.

F. STATEMENTS

1. Statement letter of conformance, dated April 29, 2010, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated April 29, 2010, signed and sealed by Warren W. Schaefer, P.E.
3. Proposal No. **04-0340** issued by BCCO, dated July 22, 2004, signed by Manuel Perez, P. E.

G. OTHER

1. Notice of Acceptance No. **05-0622.04**, issued to Peetz Windows and Doors, Inc. for their "'American Fixed Outswing Casement' Wood Fixed Window - L.M.I.", approved on 08/18/05 and expiring on 08/18/10.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-0510.05
Expiration Date: August 18, 2015
Approval Date: September 15, 2010

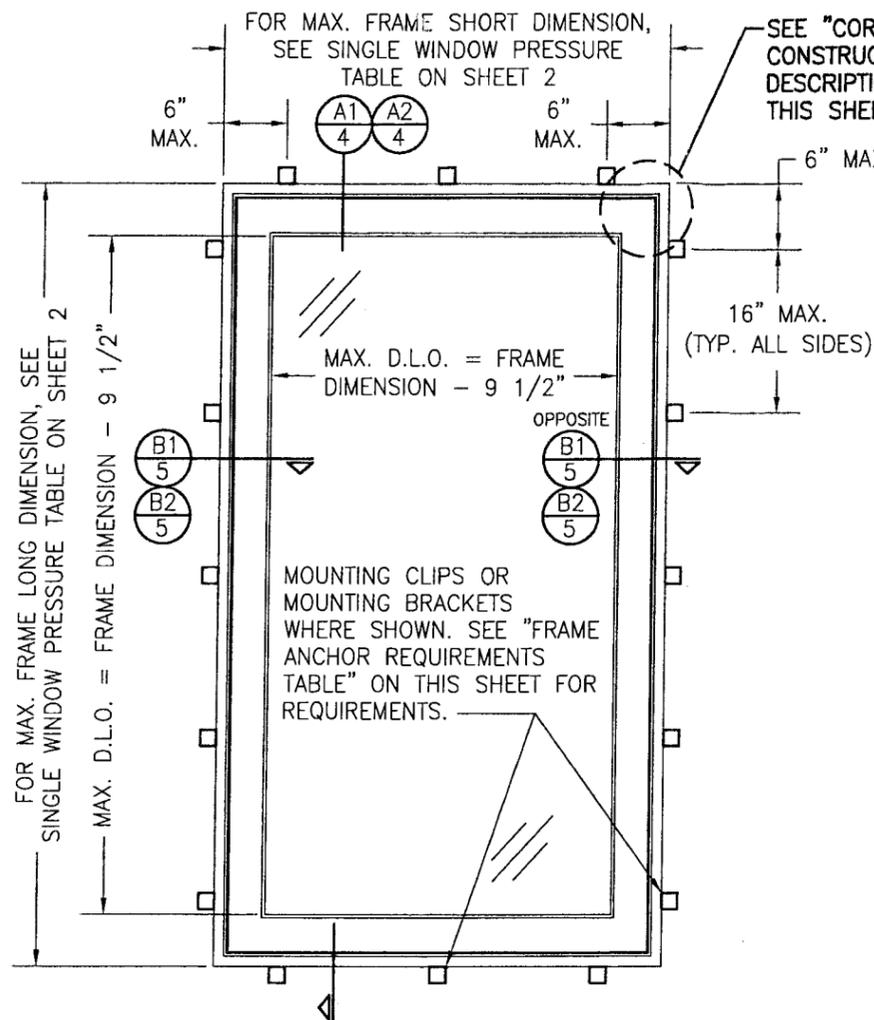
GENERAL NOTES:

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.

CORNER CONSTRUCTION:

- JAMBS:** COPED, BUTTED TOGETHER, JOINED WITH 3 NO. 10 X 3 1/8" SCREWS & GLUED WITH BINDAN D4 OR EQUAL.
- SASH:** MULTI-FORKED, BUTTED & GLUED WITH BINDAN D4 OR EQUAL.

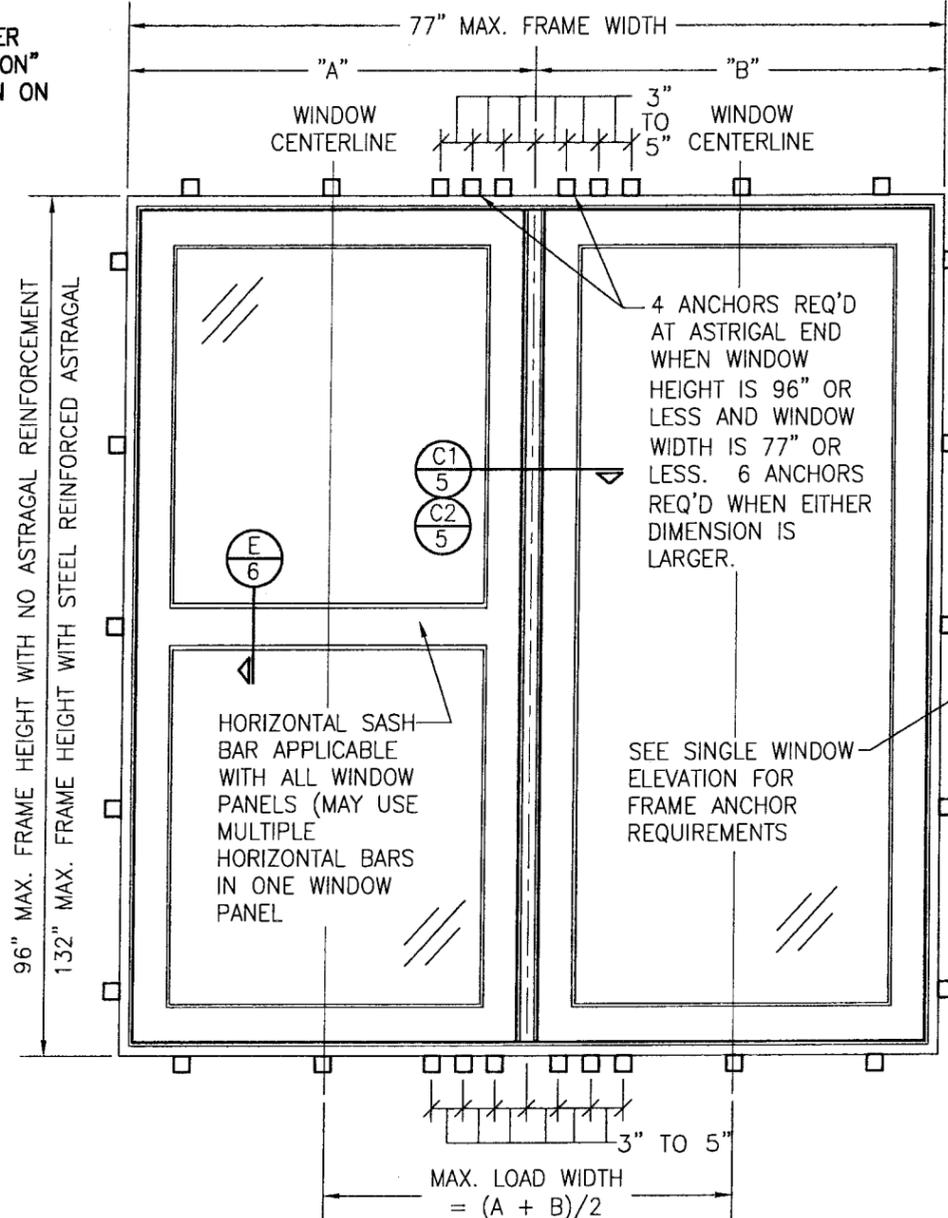
RECTANGULAR WINDOWS SHOWN. ANCHORING OF SHAPED WINDOWS IS THE SAME WITH REQUIRED ANCHOR SPACING ALONG THE FRAME CIRCUMFERENCE BEING THE SAME AS SPECIFIED FOR A STRAIGHT FRAME.



**EXTERIOR ELEVATION
SINGLE FIXED WINDOW**

SCALE: N.T.S.

LONG DIMENSION OF WINDOW MAY BE HORIZONTAL OR VERTICAL (HEIGHT & WIDTH MAY BE INTERCHANGED).



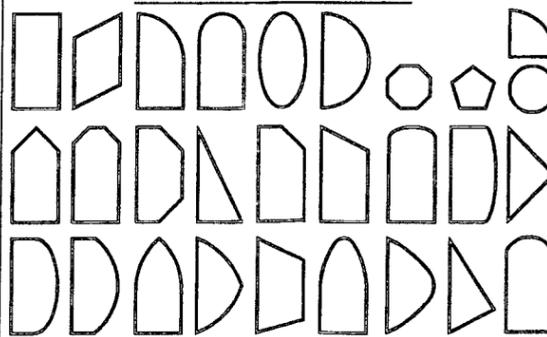
**EXTERIOR ELEVATION
DOUBLE FIXED WINDOW WITH ASTRAGAL**

SCALE: N.T.S.

SEE SINGLE WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

ALLOWABLE DESIGN PRESSURE
(ALL CONDITIONS)
SEE LOAD TABLES ON SHEET 2

APPROVED SHAPES



NOTES:

1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED ON THIS SHEET.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	CLIP/BACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MOUNTING CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

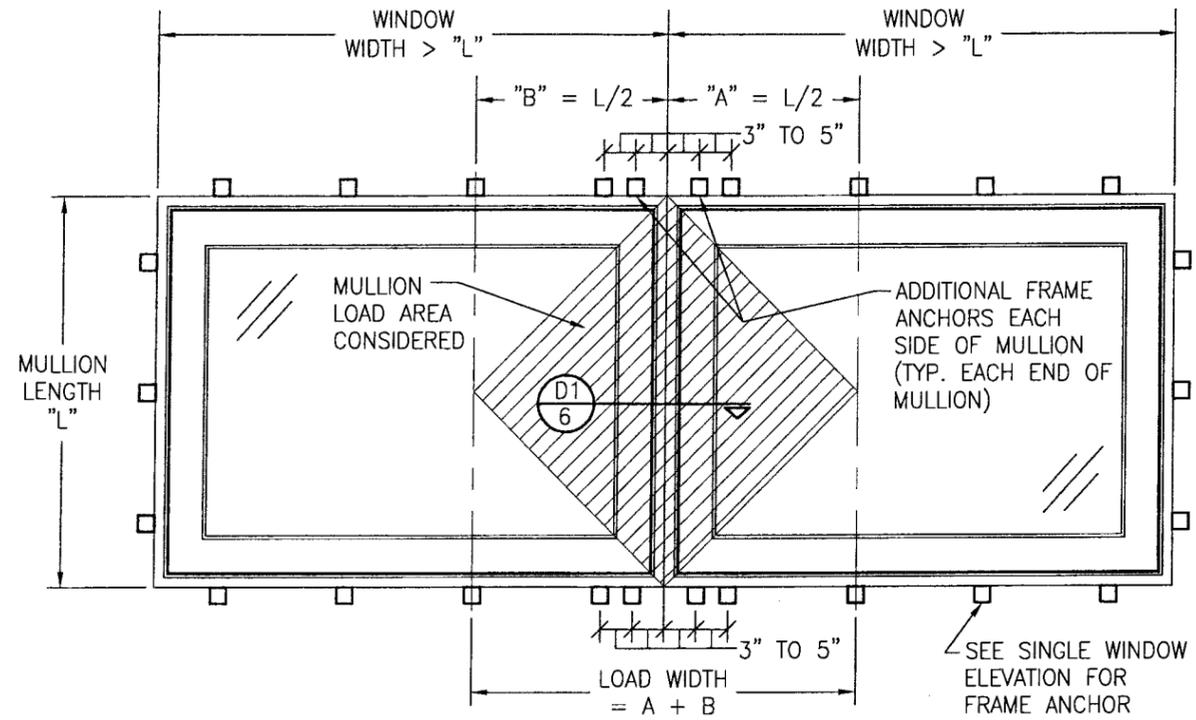
(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 3/15/05
DATE: 05/06/10	BY: WRM
REVISION DESCRIPTION: UPDATE TO PRESENT STANDARDS	NO.:
DRAWING TITLE: AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS	
CONSULTANTS: 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	
MANUFACTURER: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION: APR 29 2005 No. 44135	WARREN W. SCHAEFER P.E. WARREN W. SCHAEFER P.E. No. 44135
DRAWING NO. 1322	REV. A
SHEET NO. 1 OF 7	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 10-0510.05
Expiration Date AUG. 13, 2015
By: *Warren W. Schaefer*
Miami Dade Product Control
Division

ALLOWABLE SINGLE WINDOW DESIGN PRESSURE					
MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)			
		WITH I.G. GLAZING		WITH NON-I.G. GLAZING	
		OPTION 1	OPTION 2	OPTION 1	OPTION 2
132	39	75.0	75.0	75.0	75.0
120	42	71.9	71.9	71.9	71.9
	36	75.0	75.0	75.0	75.0
108	48	66.8	66.8	65.2	65.2
	42	73.7	73.7	73.7	73.7
96	36	75.0	75.0	75.0	75.0
	54	75.0	64.2	75.0	64.2
90	48	69.2	69.2	69.2	69.2
	42	75.0	75.0	75.0	75.0
84	39	75.0	75.0	75.0	75.0
	54	75.0	65.9	75.0	65.9
78	48	72.8	72.8	72.8	72.8
	42	75.0	75.0	75.0	75.0
72	60	75.0	64.6	75.0	64.6
	54	75.0	68.0	75.0	68.0
66	48	72.7	72.7	72.7	72.7
	44	75.0	75.0	75.0	75.0
60	66	75.0	65.5	75.0	65.5
	60	75.0	67.5	75.0	67.5
60	54	75.0	70.6	75.0	70.6
	48	75.0	75.0	75.0	75.0
60	66	75.0	68.2	75.0	68.2
	60	75.0	71.2	75.0	71.2
60	54	73.9	73.9	73.9	73.9
	52	75.0	75.0	75.0	75.0
60	48	75.0	75.0	75.0	75.0
	66	75.0	68.2	75.0	68.2
60	60	75.0	75.0	75.0	75.0
	60	75.0	75.0	75.0	75.0

NOTES:
 1. SEE GLAZING DETAILS FOR GLAZING OPTIONS
 2. CROSSED OUT BOXES DESIGNATE SIZES NOT ACCEPTABLE FOR THE RESPECTIVE GLASS OPTION.



EXTERIOR ELEVATION
 FIXED WINDOW MULLED TO FIXED WINDOW WITH
 NON-REINFORCED MULLION WHEN WINDOW WIDTHS ARE
 GREATER THAN THE MULLION LENGTH
 (SEE MULLION LOAD TABLE)
 (MULTIPLE UNIT NOTES ON SHEET 3 SHALL APPLY)
 SEE SINGLE WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

FIXED ASTRIGAL ALLOWABLE LOAD TABLE			
MAXIMUM ASTRIGAL SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		NON-REINFORCED ASTRIGAL	REINFORCED ASTRIGAL
132	39	N/A	56.0
	36	N/A	59.9
	30	N/A	70.0
	24	N/A	75.0
120	42	N/A	59.1
	39	N/A	62.7
	36	N/A	66.9
	30	N/A	75.0
108	48	N/A	60.9
	42	N/A	67.2
	39	N/A	71.2
	36	N/A	75.0
96	54	46.8	65.9
	48	51.5	71.1
	42	57.7	75.0
	39	61.6	75.0
	36	66.0	75.0
	30	75.0	75.0
90	54	54.0	72.2
	48	59.2	75.0
	42	66.3	75.0
	39	71.3	75.0
84	36	75.0	75.0
	60	59.3	75.0
	54	63.3	75.0
	48	69.0	75.0
78	42	75.0	75.0
	66	68.1	75.0
	54	70.9	75.0
	48	75.0	75.0
72	66	75.0	75.0

NON-REINFORCE ASTRIGAL SPAN MAY NOT EXCEED 96"

MULLION ALLOWABLE LOAD TABLE			
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		NON-REINFORCED MULLION	REINFORCED MULLION
132	39	N/A	75.0
120	42	N/A	75.0
108	48	N/A	75.0
96	54	53.2	75.0
	48	58.6	75.0
	42	65.5	75.0
	39	70.0	75.0
90	36	75.0	75.0
	54	61.3	75.0
	48	65.9	75.0
	42	72.1	75.0
84	39	75.0	75.0
	60	64.5	75.0
	54	67.9	75.0
	48	72.5	75.0
78	42	75.0	75.0
	66	70.3	75.0
	60	72.5	75.0
72	54	75.0	75.0
	66	75.0	75.0

LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT ALLOWED FOR THE INDIVIDUAL WINDOW SHALL CONTROL AS ALLOWABLE FOR THE OVERALL UNIT.
 NON-REINFORCE MULLION SPAN MAY NOT EXCEED 96"

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 3/15/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	

AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS

PEETZ WINDOWS & DOORS
 15951 S.W. 41ST STREET, SUITE 150
 WESTON, FL 33331
 954-659-3887

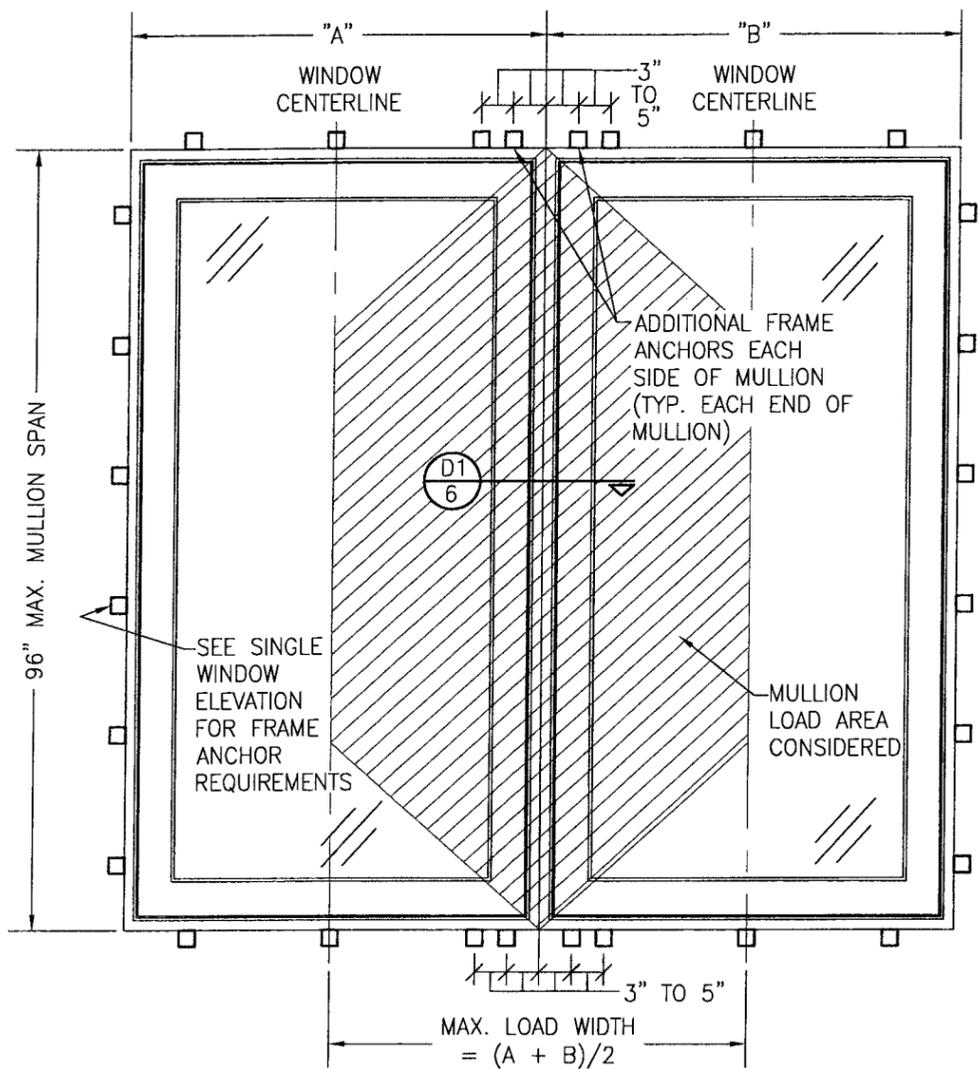
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 8895 N. MILITARY TRAIL, SUITE C-204
 PALM BEACH GARDENS, FL 33410
 PHONE: 561-775-4902 FAX: 561-775-4903

WARREN W. SCHAEFER, P.E.
 LICENSE NO. 44135

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 10-0510-05 Expiration Date: 02/10/2015

By: *Manuel Perez*
 Manual Date Product Control

DRAWING NO.	REV.
1322	A
SHEET NO.	
2	OF 7

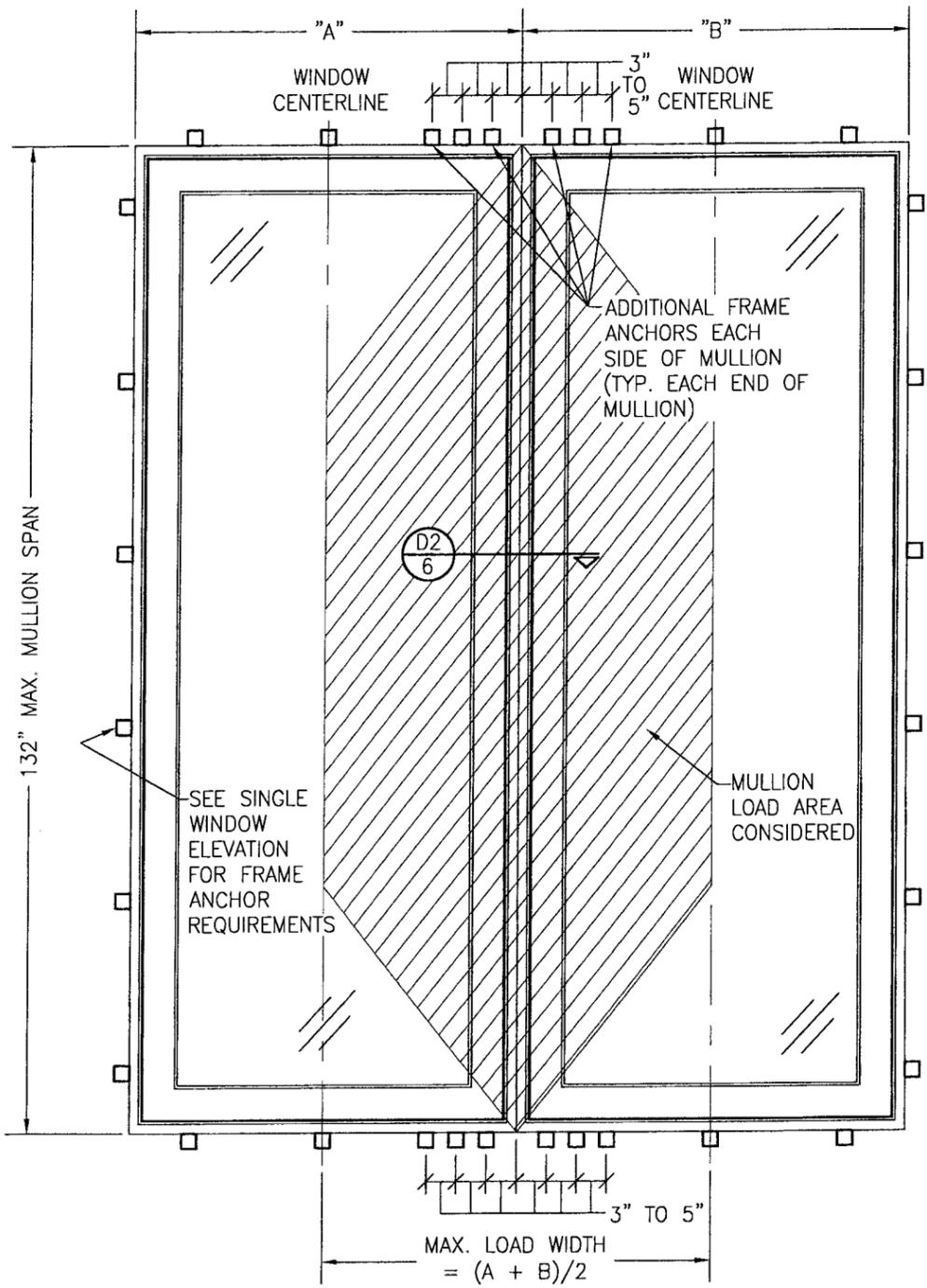


EXTERIOR ELEVATION
FIXED WINDOW MULLION TO FIXED WINDOW WITH
NON-REINFORCED MULLION WHEN WINDOW WIDTHS ARE
LESS THAN OR EQUAL TO THE MULLION LENGTH
(SEE MULLION LOAD TABLE)

SEE SINGLE WINDOW ELEVATION
 FOR WINDOW DETAIL NOT SHOWN

MULTIPLE UNIT NOTES:

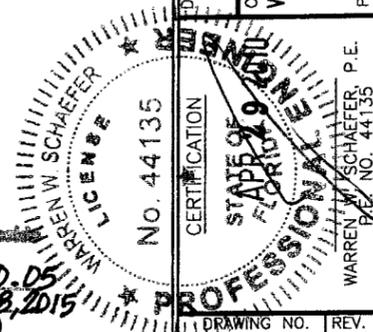
1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SPECIFIED.
2. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR THE ALLOWABLE MULLION PRESSURE. SEE LOAD TABLES ON SHEET 2.
3. WINDOWS MAY BE STACKED HORIZONTAL OR VERTICAL. (IF VERTICALLY STACKED, MANUFACTURER MUST INSURE THAT THE DEAD WEIGHT OF THE WINDOWS DOES NOT CAUSE ANY WINDOW FAILURES OR DEFORMATIONS)



EXTERIOR ELEVATION
FIXED WINDOW MULLION TO FIXED WINDOW WITH
REINFORCED MULLION
(SEE MULLION LOAD TABLE)

SEE SINGLE WINDOW ELEVATION
 FOR WINDOW DETAIL NOT SHOWN

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 10-0510-05
 Expiration Date Aug. 18, 2015
 By *Warren Schaefer*
 Miami Dade Product Control
 Division



DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 3/15/05
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS	
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887	CONSULTANTS 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
CERTIFICATION STATE OF FLORIDA PROFESSIONAL ENGINEER WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1322
	REV. A
SHEET NO. 3 OF 7	

DRAWN BY:	S.T.R.	CHECKED BY:	WWS
PLOT:	1=2	DATE:	3/15/05
NO.		REVISION DESCRIPTION	
		BY	
		DATE	

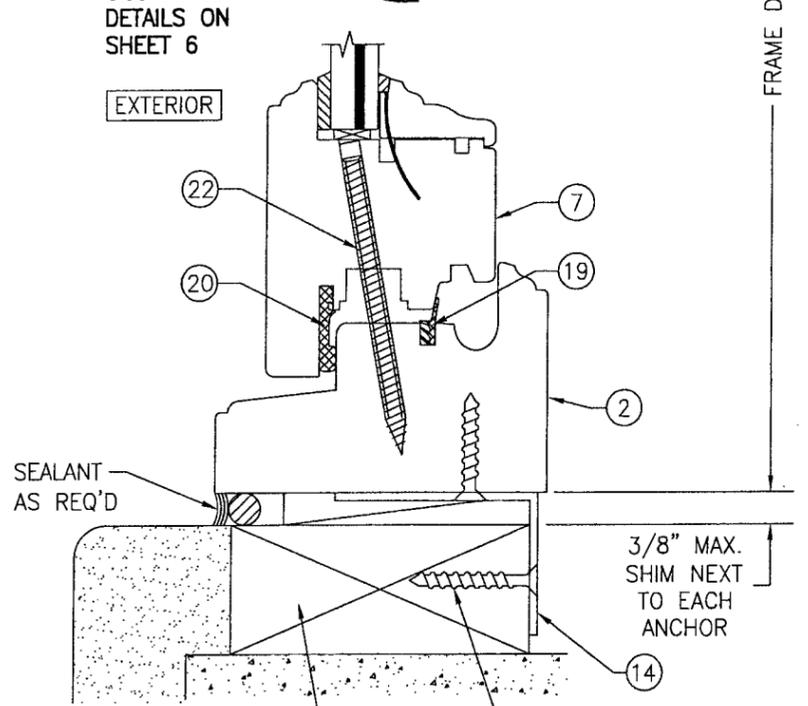
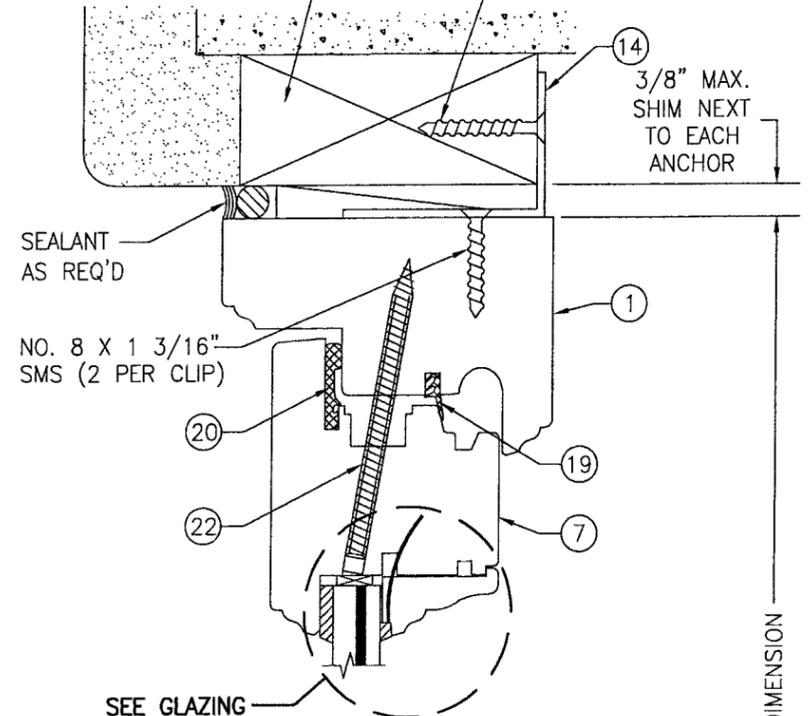
AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS
 MANUFACTURER
PEETZ WINDOWS & DOORS
 15951 S.W. 41ST STREET, SUITE 150
 WESTON, FL 33331
 954-659-3887

CONSULTANTS
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

CERTIFICATION
 APR 27 2010
 W. SCHAEFER, P.E.
 No. 44135
 PROFESSIONAL ENGINEER

DRAWING NO.	REV.
1322	A
SHEET NO.	
4	OF 7

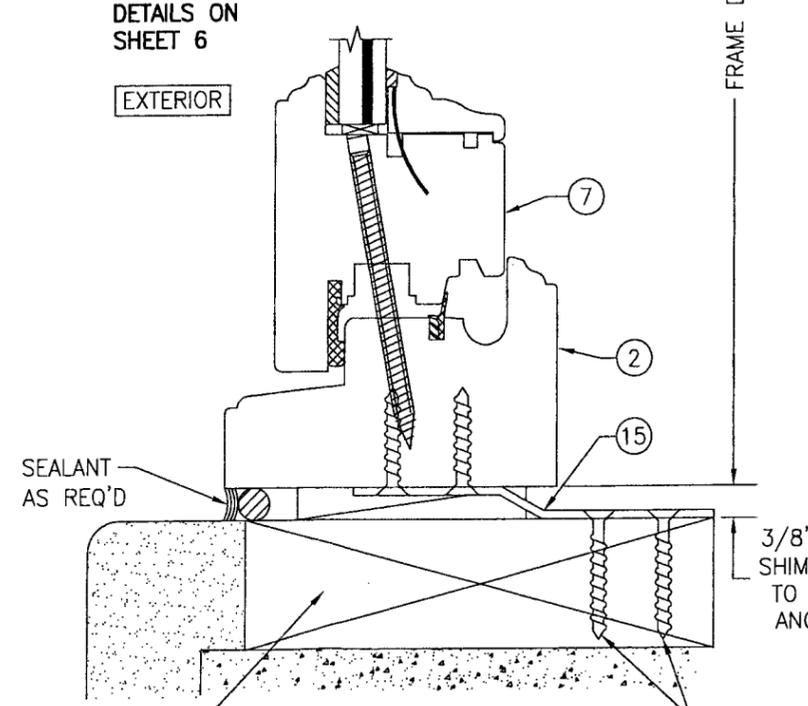
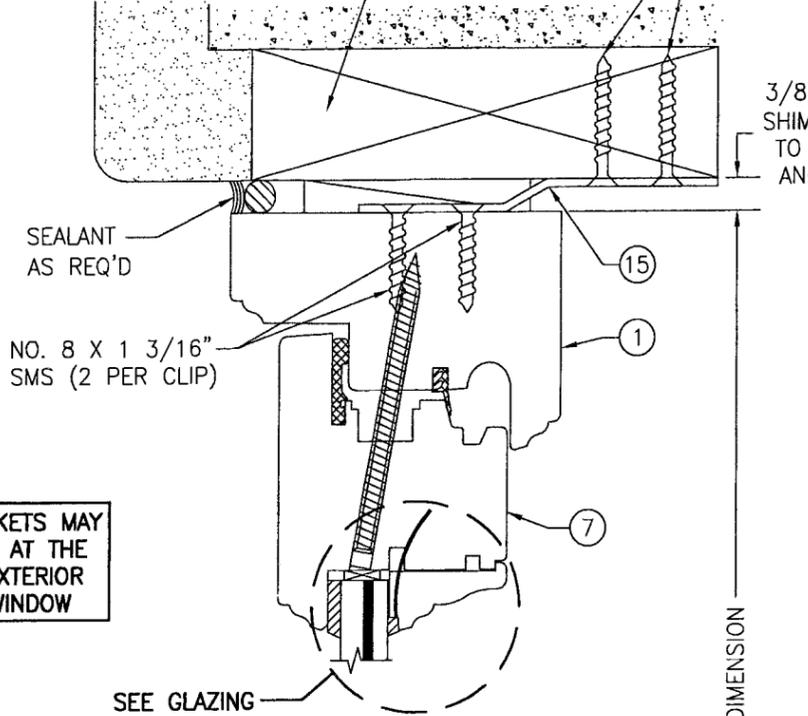
SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"
 MOUNTING CLIP SCREWS PER "FRAME ANCHOR REQUIREMENTS TABLE" (2 PER CLIP)
 3/8" MAX. SHIM NEXT TO EACH ANCHOR



SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"
 MOUNTING CLIP SCREWS PER "FRAME ANCHOR REQUIREMENTS TABLE" (2 PER CLIP)
 3/8" MAX. SHIM NEXT TO EACH ANCHOR

SECTION A1
 SCALE: 1/2 FULL
 (CLIP MOUNT)

SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"
 MOUNTING BRACKET SCREWS PER "FRAME ANCHOR REQUIREMENTS TABLE" (2 PER BRACKET)
 3/8" MAX. SHIM NEXT TO EACH ANCHOR

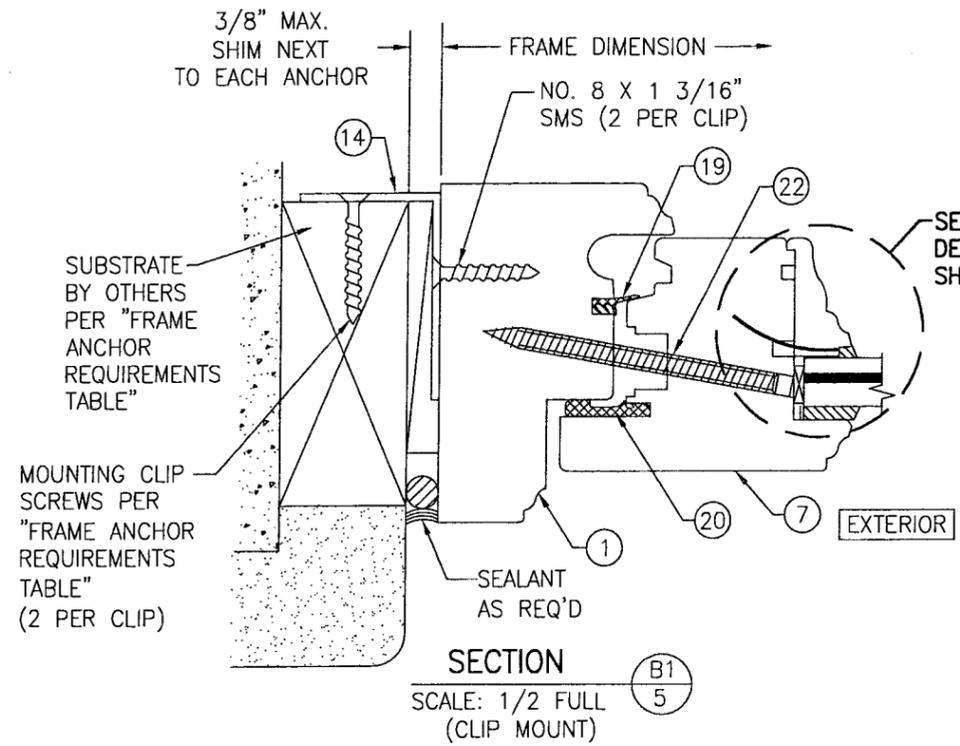


CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW

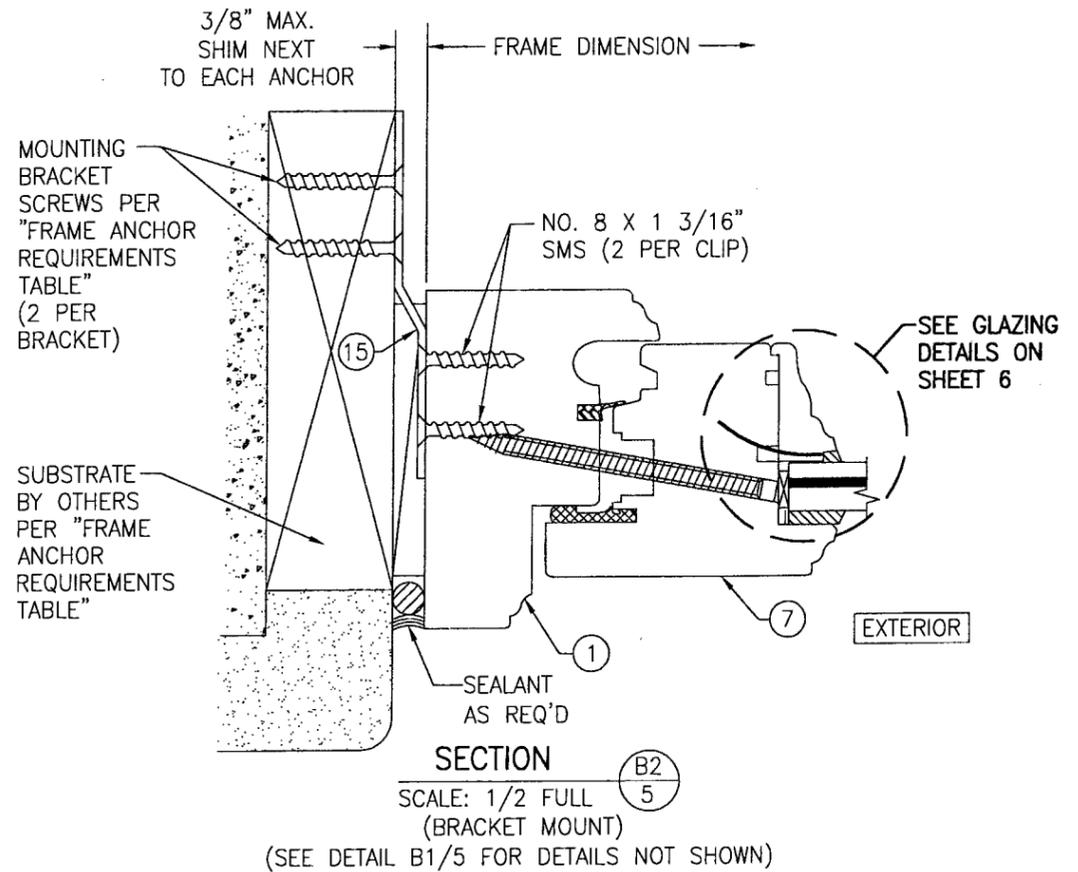
SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"
 MOUNTING BRACKET SCREWS PER "FRAME ANCHOR REQUIREMENTS TABLE" (2 PER BRACKET)
 3/8" MAX. SHIM NEXT TO EACH ANCHOR

SECTION A2
 SCALE: 1/2 FULL
 (SEE DETAIL A1/4 FOR DETAILS NOT SHOWN)
 (BRACKET MOUNT)

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 10-0510.05
 Expiration Date AUG 18, 2015
 By: *Walter J. Jara*
 Vision/Code Product Control
 Division

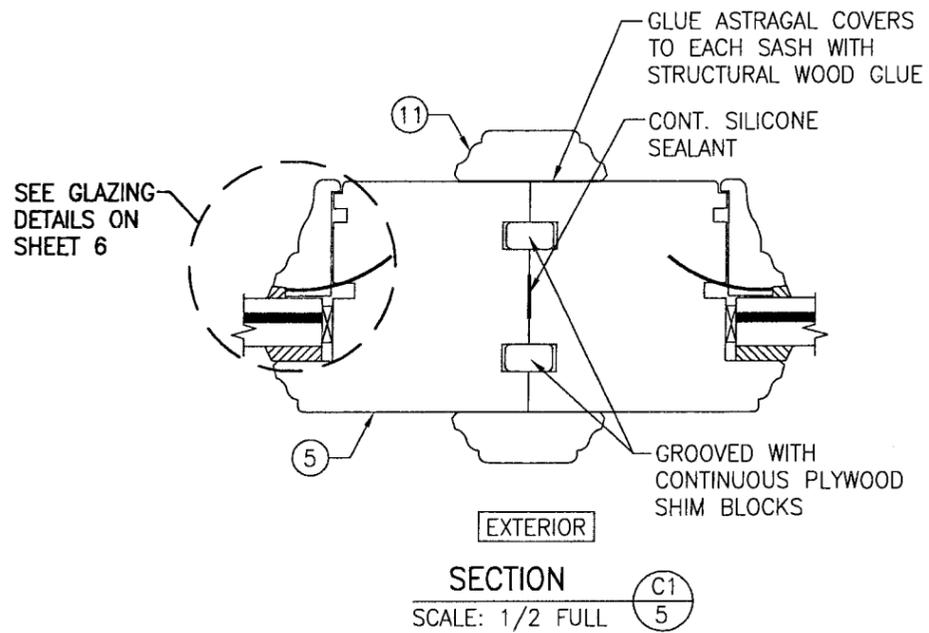


SECTION B1
SCALE: 1/2 FULL
(CLIP MOUNT)

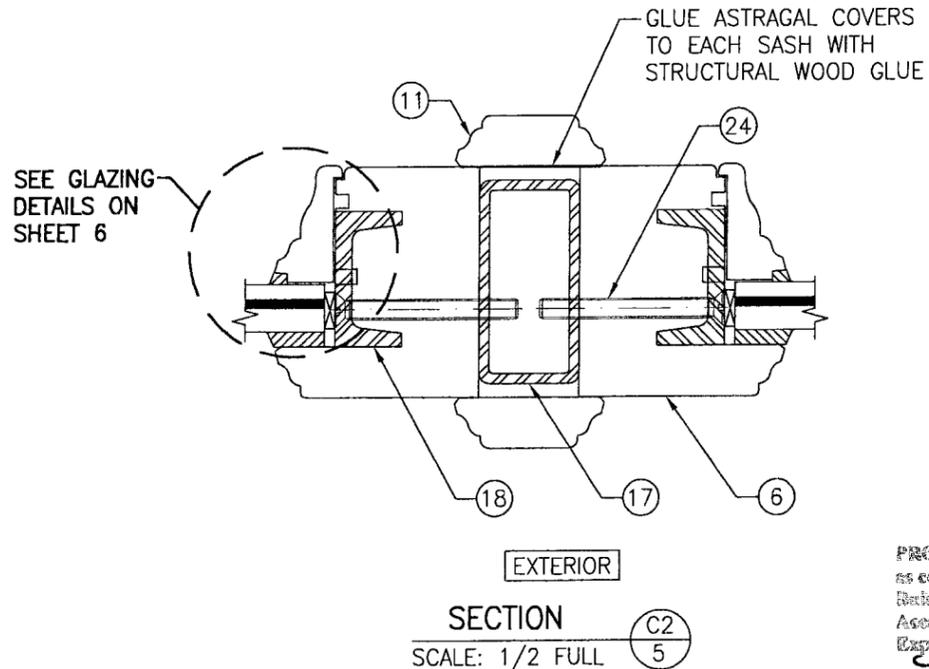


SECTION B2
SCALE: 1/2 FULL
(BRACKET MOUNT)
(SEE DETAIL B1/5 FOR DETAILS NOT SHOWN)

CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW



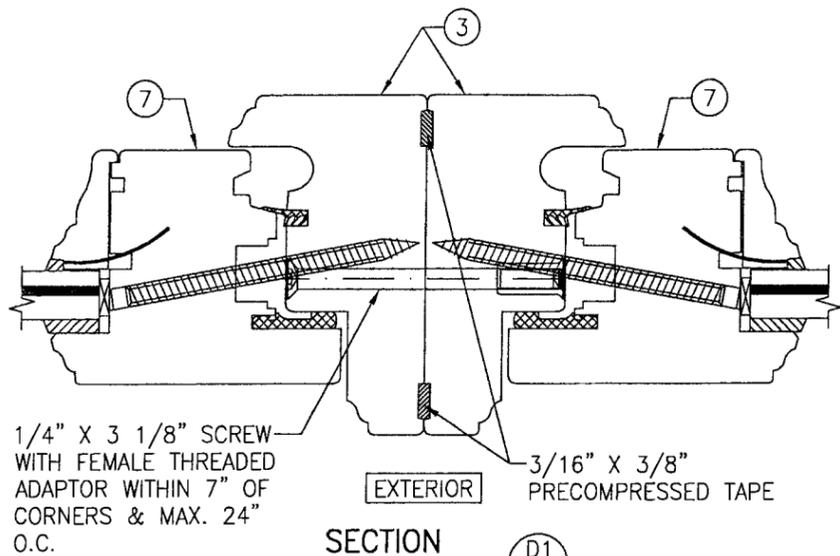
SECTION C1
SCALE: 1/2 FULL



SECTION C2
SCALE: 1/2 FULL

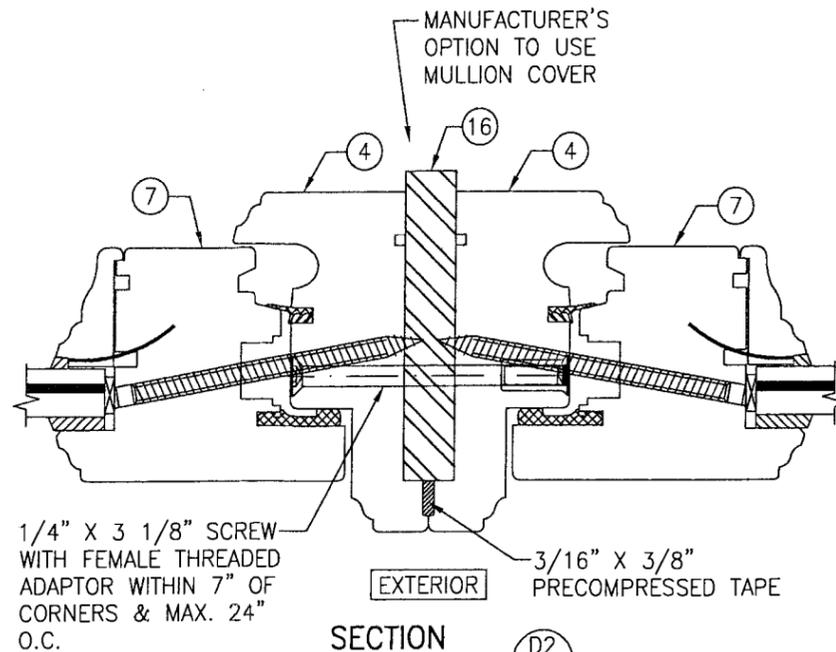
DRAWN BY: S.T.R.	CHECKED BY: WWS
PLOT: 1=2	DATE: 3/15/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS	
MANUFACTURER	PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887
CONSULTANTS	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL; SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903
CERTIFICATION APR 20 2005 WARREN W. SCHAEFER P.E. No. 44135 LICENSE PROFESSIONAL	
DRAWING NO.	REV.
1322	A
SHEET NO.	
5 OF 7	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 10-0510.05
Expiration Date AUG. 12, 2015
By: *Manuel Perez*
Miami-Dade Product Control
Division



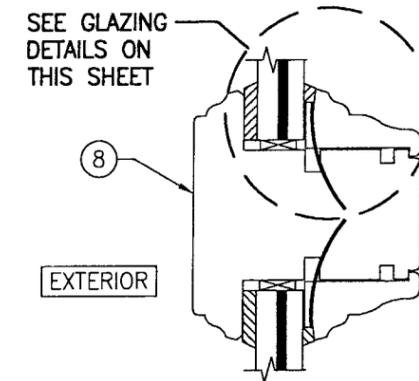
SECTION D1
SCALE: 1/2 FULL

(SEE SECTION B1/5 FOR DETAILS NOT SHOWN)

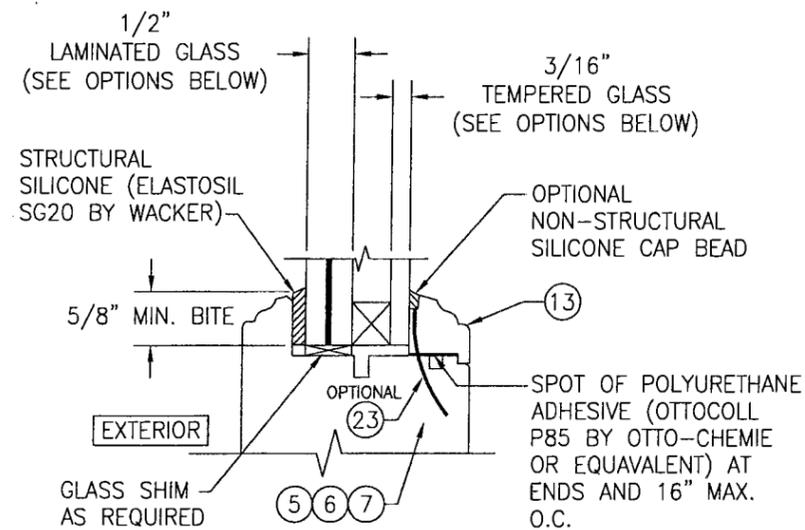


SECTION D2
SCALE: 1/2 FULL

(SEE SECTION B1/5 FOR DETAILS NOT SHOWN)

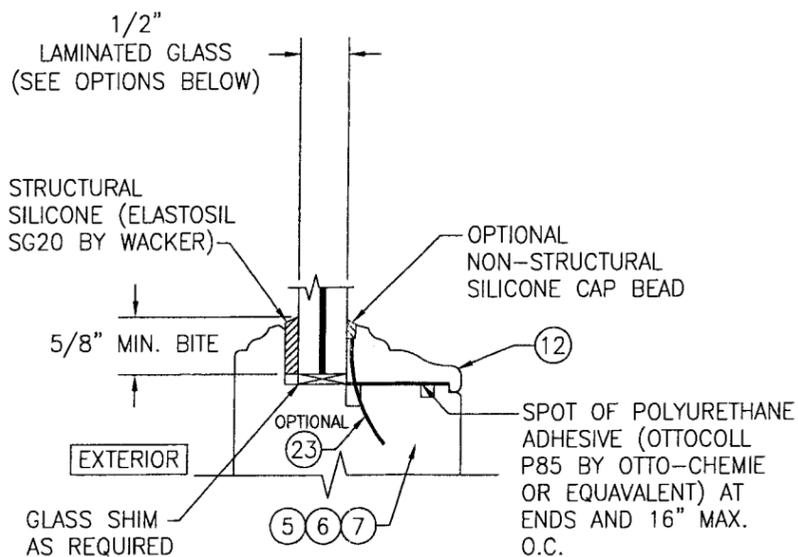


SECTION E
SCALE: 1/2 FULL



I.G. GLAZING DETAIL

- GLASS OPTION: 1. 1/2" THICK SOLUTIA SAFLEX III LAMINATED OUTER GLASS (3/16" AN/0.09 SAFLEX III PVB/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE
2. 1/2" THICK SOLUTIA VANCEVA LAMINATED OUTER GLASS (3/16" AN/0.075" VANCEVA/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE

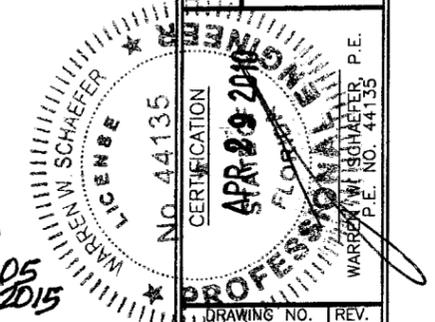


NON-I.G. GLAZING DETAIL

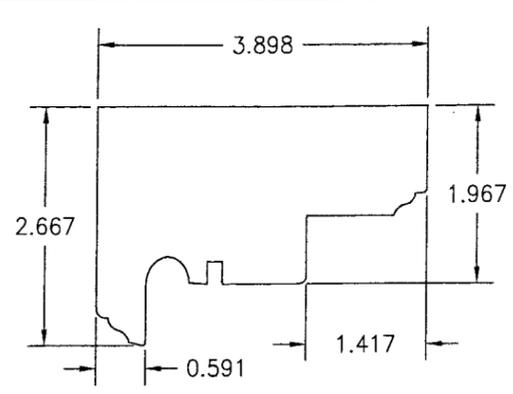
- GLASS OPTION: 1. 1/2" THICK SOLUTIA SAFLEX III LAMINATED GLASS (3/16" AN/0.09 SAFLEX III PVB/1/4" AN)
2. 1/2" THICK SOLUTIA VANCEVA LAMINATED GLASS (3/16" AN/0.075" VANCEVA/1/4" AN)

PRODUCT REVISED
to comply with the Florida
Building Code
Adoption No. 10-0510-05
Expiration Date AUG. 18, 2015

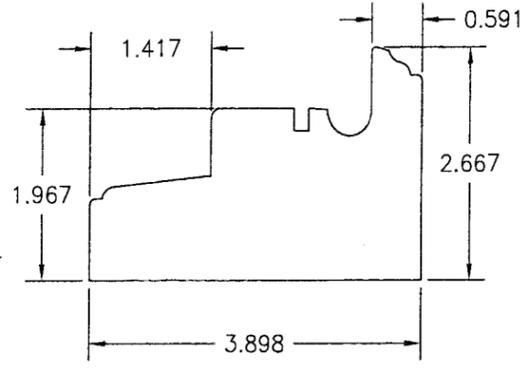
By *Manuel Perez*
Miami-Dade Product Control
Division



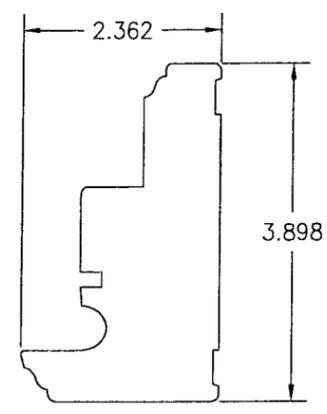
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/15/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887			
DRAWING NO. 1322		REV. A	
SHEET NO. 6		OF 7	



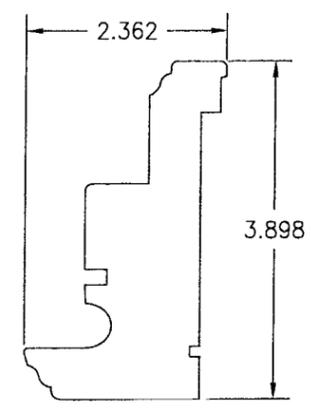
① HEAD AND SIDE JAMB



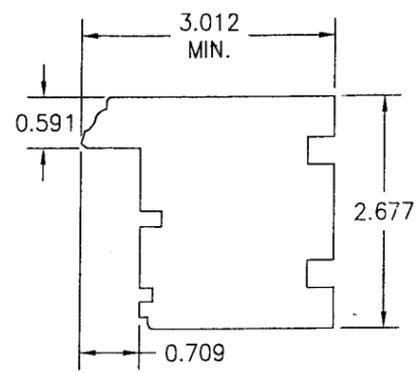
② SILL JAMB



③ NON-REINFORCED MULLION JAMB



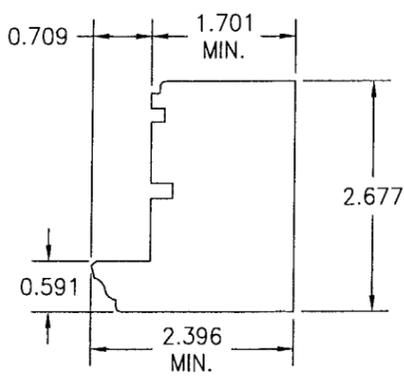
④ REINFORCED MULLION JAMB



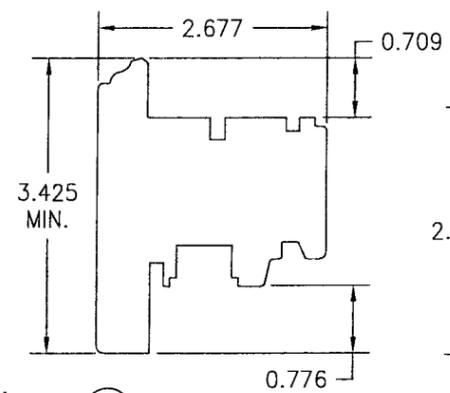
⑤ MEETING STYLE/ASTRAGAL (NON-REINFORCED ASTRAGAL)

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD AND SIDE JAMB	WOOD
2	SILL JAMB	WOOD
3	NON-REINFORCED MULLION JAMB	WOOD
4	REINFORCED MULLION JAMB	WOOD
5	MEETING STYLE/ASTRAGAL	WOOD
6	MEETING STYLE/ASTRAGAL	WOOD
7	SASH	WOOD
8	MID RAIL	WOOD
11	ASTRAGAL COVER	WOOD
12	NON-I.G. GLAZING BEAD	WOOD
13	I.G. GLAZING BEAD	WOOD
14	FRAME INSTALLATION CLIP	GALVANIZED 34.1 KSI STEEL
15	FRAME INSTALLATION BRACKET	GALVANIZED 34.1 KSI STEEL
16	MULLION REINFORCEMENT	A36 STEEL (FY = 36 KSI)
17	ASTRAGAL REINFORCEMENT	36 KSI STEEL TUBE WITH 2" END SET BACK
18	MEETING STILE REINFORCEMENT	36 KSI STEEL CHANNEL
SEALS AND SEALANTS		
19	SWEEP	GTG EPDM
20	COMPRESSION SEAL	SCHLEGEL
FASTENERS		
22	.295" X 3 5/8" AMO III GALVANIZED STEEL SCREWS	5 1/2" FROM INTERIOR CORNERS & 14" O.C. (AT ASTRAGAL ENDS, PLACE ADDITIONAL SCREW 8 1/2" OFF CORNER @ HEAD & SILL)
23	OPTIONAL 18 GA. X 1 1/4" GALVANIZED CURVED NAIL	10" FROM CORNERS & 20" O.C. (NOT APPLICABLE WHEN PART 18 IS USED W/ SASH)
24	1/4" X 2 3/16" SCREW	WITHIN 6" OF INTERIOR CORNER & MAX. 14" O.C.

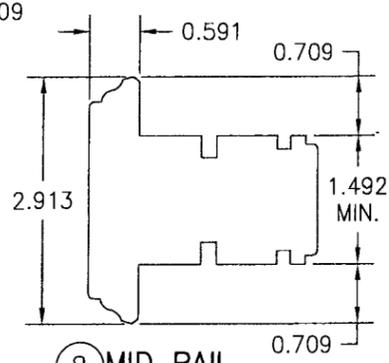
NOTE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF G = 0.67 AND A MODULUS OF ELASTICITY OF E = 1,700,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.67 AND MODULUS OF ELASTICITY OF 1,700,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ WINDOWS & DOORS TO SELECT.



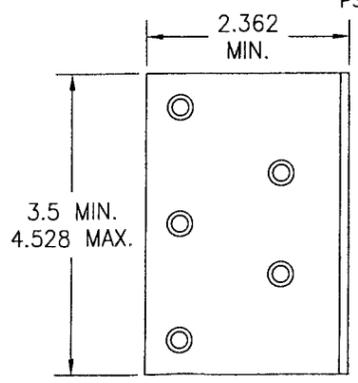
⑥ MEETING STYLE/ASTRAGAL (REINFORCED ASTRAGAL)



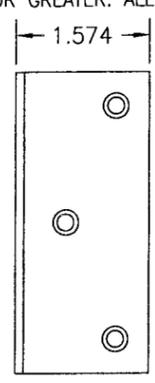
⑦ SASH



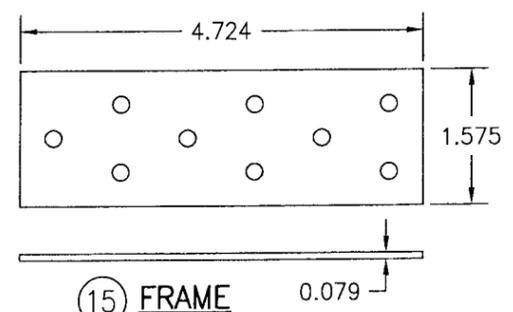
⑧ MID RAIL



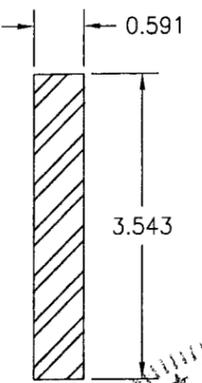
⑭ FRAME INSTALLATION CLIP



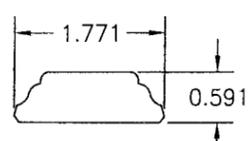
⑮ FRAME INSTALLATION BRACKET



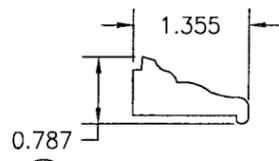
⑯ MULLION REINFORCEMENT



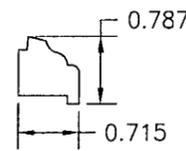
⑱ MEETING STILE REINFORCEMENT



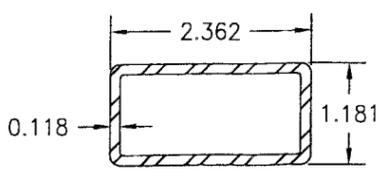
⑪ ASTRAGAL COVER



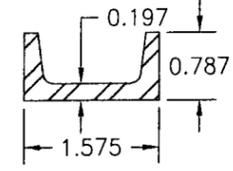
⑫ NON-I.G. GLAZING BEAD



⑬ I.G. GLAZING BEAD



⑰ ASTRAGAL REINFORCEMENT



DRAWING TITLE: AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS

MANUFACTURER: PEETZ WINDOWS & DOORS
15951 S.W. 41ST STREET, SUITE 150
WESTON, FL 33331
954-659-3887

CONSULTANTS: 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

CERTIFICATION: APPROVED FOR THE STATE OF FLORIDA
APR 29 2010
W. W. SCHAEFER, P.E.
NO. 44135

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 10-0510-05 Expiration Date AUG. 18, 2015
By: *Manuel Perez*
W. W. Schaefer Product Control Division

DRAWING NO. 1322
SHEET NO. 7 OF 7