



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)

Peetz Window and Doors, Inc.
5783 SW 40th Street PMB 220
Miami, FL 33155

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: American Outswing Wood Casement Window -L.M.I.

APPROVAL DOCUMENT: Drawing No. 1320, titled "American Out-Swing Casement Impact Wood Windows", sheets 1 through 9 of 9, dated 03/18/05, prepared by W.W. Schaeffer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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 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**



MJL
7/28/05

NOA No 05-0622.06
Expiration Date: August 18, 2010
Approval Date: August 18, 2005
Page 1

Peetz Window and Doors, Inc.

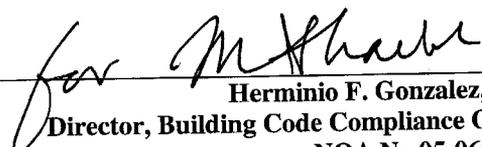
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1320**, titled "American Out-Swing Casement Impact Wood Windows", sheets 1 through 9 of 9, dated 03/18/05, prepared by W.W. Schaeffer 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 a 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.
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 a 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.
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 inswing wood casement 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.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0622.06
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Peetz Window and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor calculations and structural analysis, dated 04/12/05, prepared by W.W. Schaeffer Engineering & Consulting, P.A., signed and sealed by Warren Schaeffer, P.E.
2. Revised Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 07/13/05, signed and sealed by Warren Schaefer, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

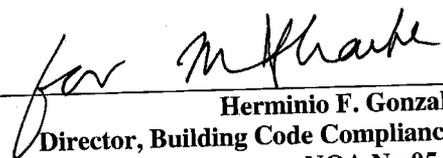
1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.
2. Notice of Acceptance No. **03-0415.13** issued to Solutia Inc. for their "Vanceva Composites" dated 12/11/03, expiring on 12/11/08.

F. STATEMENTS

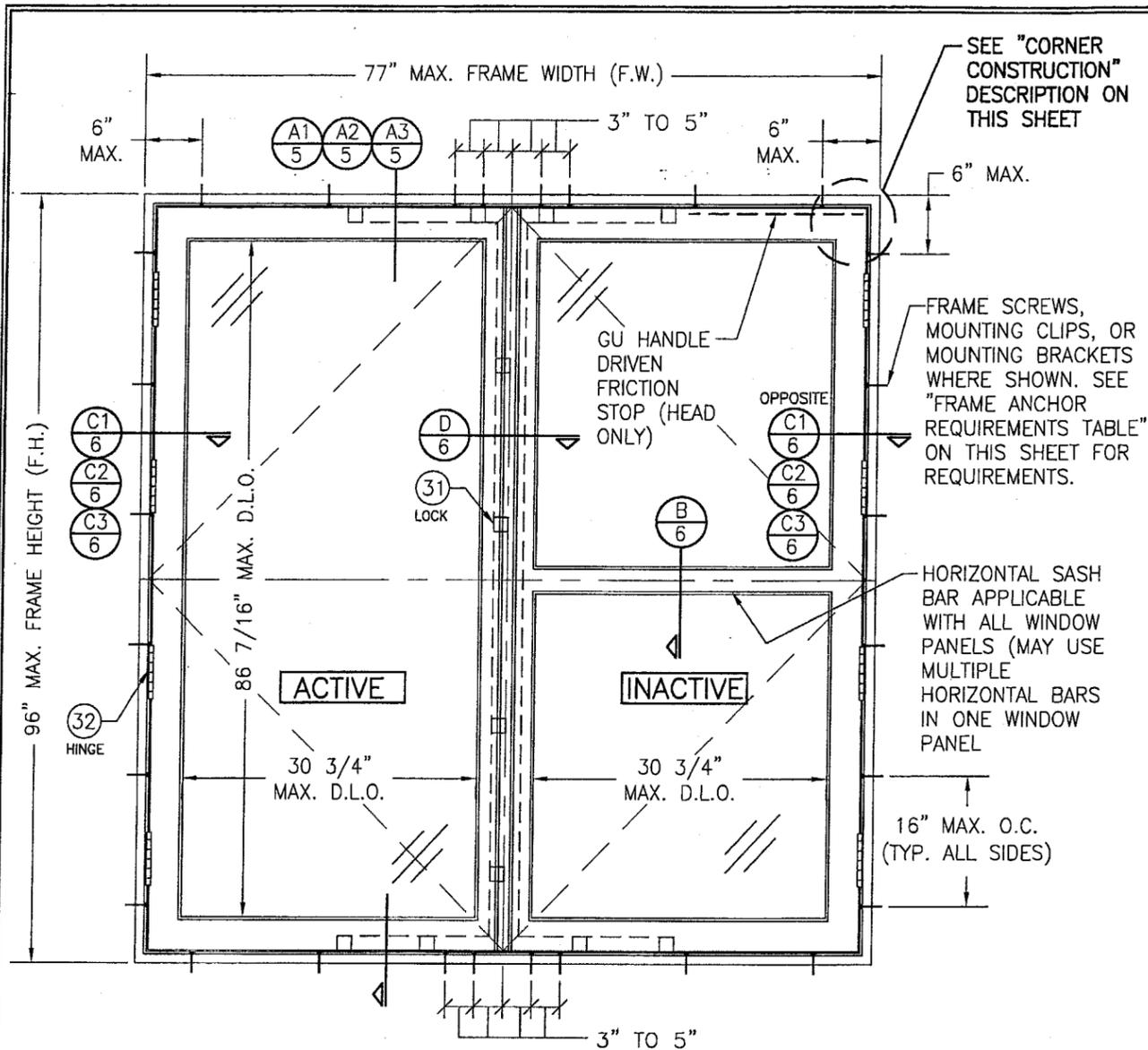
1. Statement letter of conformance and no financial interest, dated June 10, 2005, signed and sealed by Warren Schaeffer, P.E.

G. OTHER

1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0622.06
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EXTERIOR ELEVATION
DOUBLE RECTANGULAR WINDOW UNIT

SCALE: N.T.S.

GENERAL NOTES

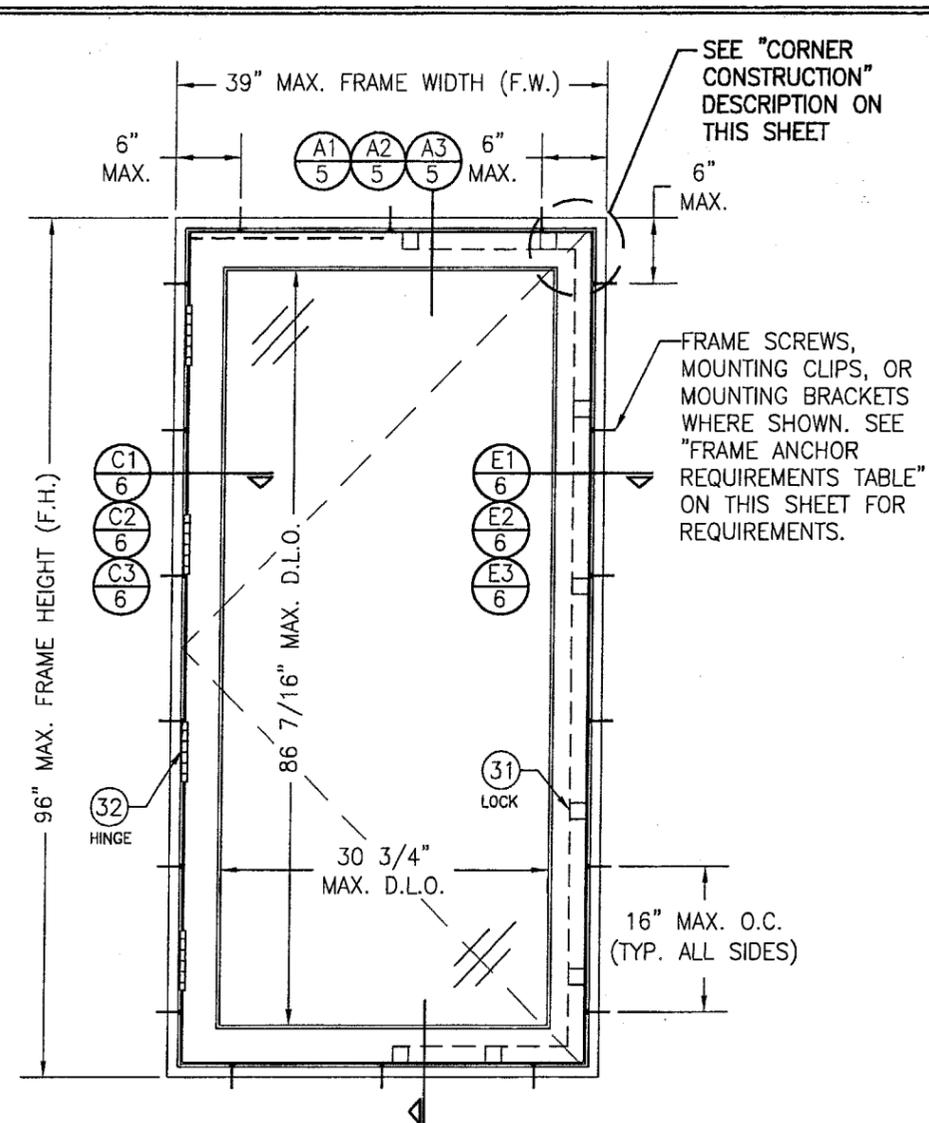
1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE(S).
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
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 2004 FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
8. ALL FRAME 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.

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.

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.



EXTERIOR ELEVATION
SINGLE RECTANGULAR WINDOW UNIT

SCALE: N.T.S.

FRAME ANCHOR REQUIREMENTS TABLE			
SHEAR SCREWS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 14 SMS SCREW	1 1/4"	3/4"
CMU/CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 18 GA. 33 KSI METAL STUD OR 36 KSI STRUCTURAL STEEL	NO. 14 SELF TAPPING SCREWS	FULL	1/2"
MOUNTING CLIP SCREWS			
2X_ WOOD FRAME OR BUCK	NO. 8 X 1 1/2" SMS SCREWS	1 3/8"	1/2"
MIN. 1/8" THICK 36 KSI STEEL	NO. 8 SELF TAPPING SCREWS	FULL	1/2"
MOUNTING BRACKET SCREWS			
2X_ WOOD FRAME OR BUCK	NO. 8 X 1 1/2" SMS SCREWS	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD OR 36 KSI STRUCTURAL STEEL	NO. 8 SELF TAPPING SCREWS	FULL	1/2"
(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).			

ALLOWABLE DESIGN PRESSURE (SINGLE, DOUBLE & TRANSOM MULLION WINDOWS)
+/- 70 PSF
FOR VERTICAL MULLION ALLOWABLE PRESSURE, SEE MULLION LOAD TABLE ON SHEET 4

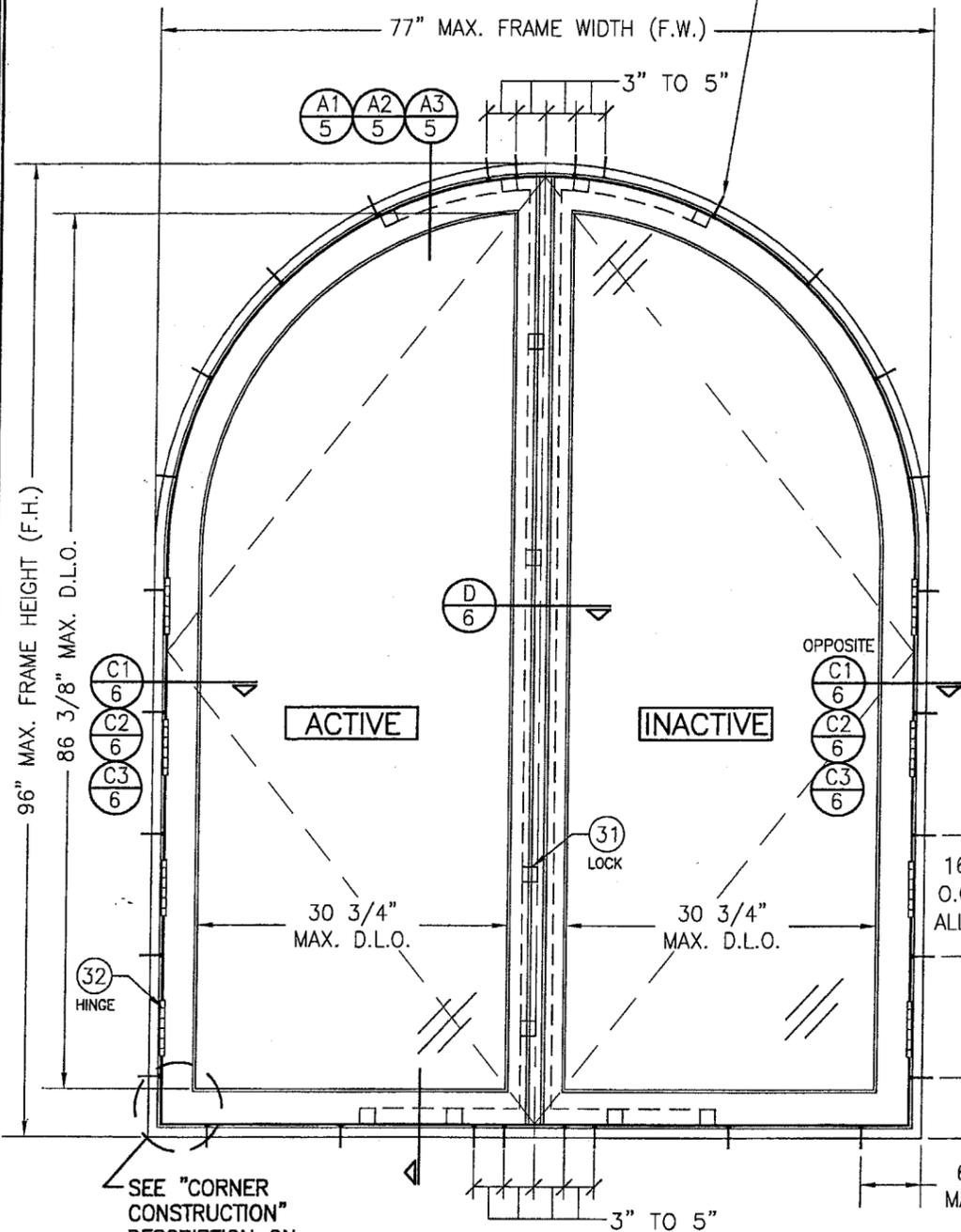
Approved as complying with the Florida Building Code
Date 08/18/05
NOAH 05-0622.06
Miami Dade Product Control
Division
By *[Signature]*

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 3/18/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS	
MANUFACTURER PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET, PMB 220 MIAMI, FL 33155 305-665-0291	
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	
DRAWING TITLE	
CERTIFICATION	
JUL 14 2005	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320	REV.
SHEET NO. 1 OF 9	

Approved as complying with the
 Florida Building Code
 Date 08/18/05
 NOA# 05-0622-06
 Miami-Dade Freedom Center
 Division
 By *AA*

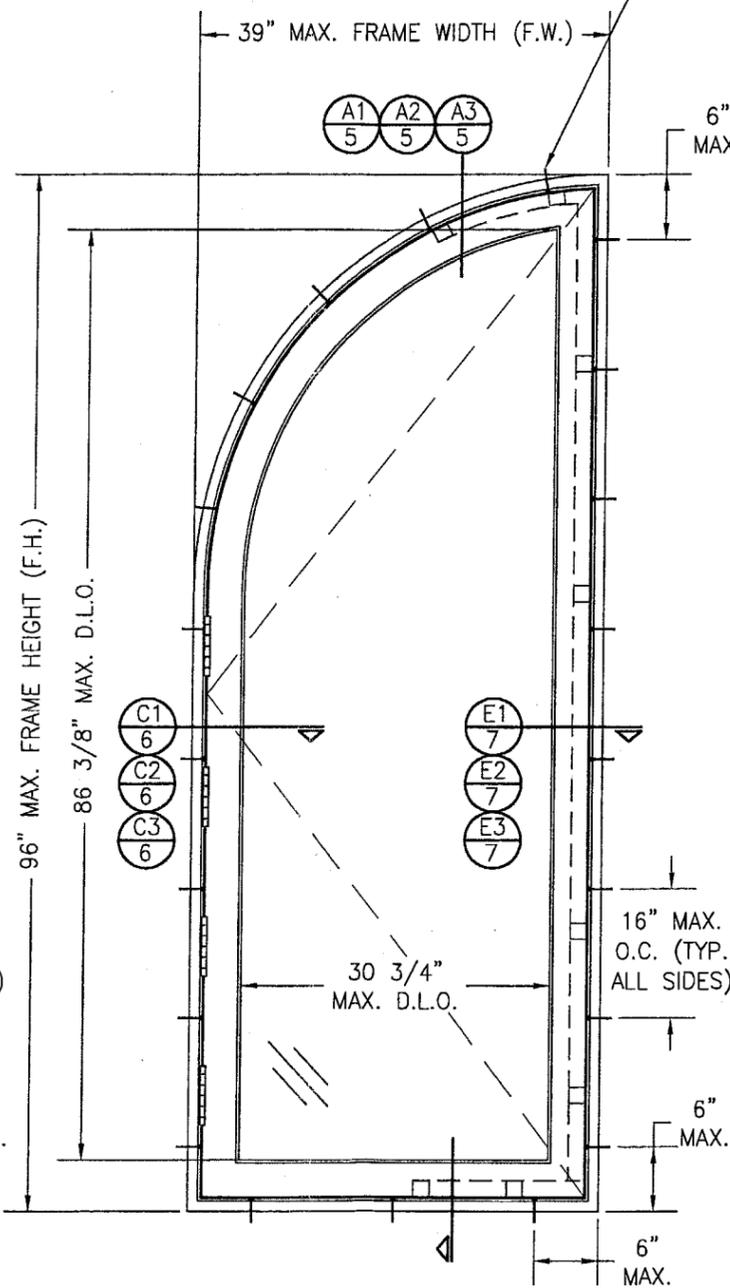
FRAME SCREWS, MOUNTING CLIPS,
 OR MOUNTING BRACKETS WHERE
 SHOWN. SEE "FRAME ANCHOR
 REQUIREMENTS TABLE" ON SHEET 1
 FOR REQUIREMENTS.

FRAME SCREWS, MOUNTING CLIPS,
 OR MOUNTING BRACKETS WHERE
 SHOWN. SEE "FRAME ANCHOR
 REQUIREMENTS TABLE" ON SHEET 1
 FOR REQUIREMENTS.



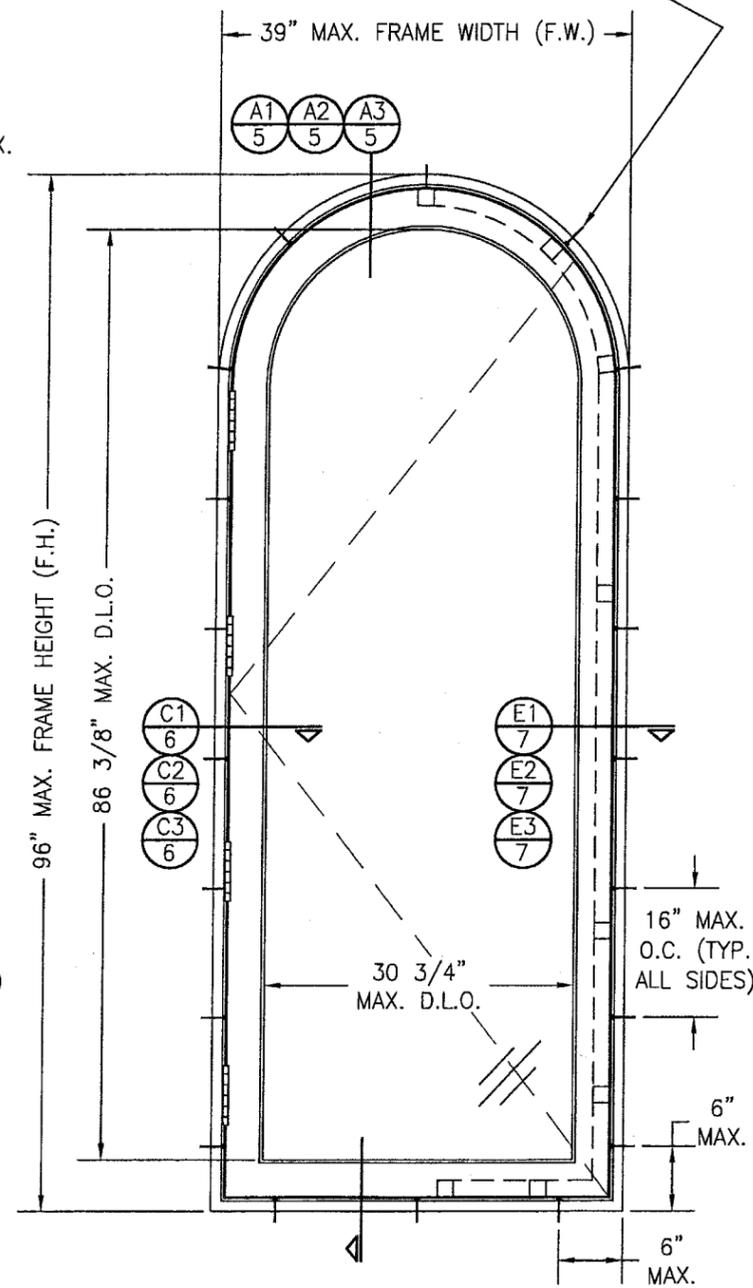
**EXTERIOR ELEVATION
 DOUBLE HALF ROUND WINDOW UNIT**

SCALE: 3/4" = 1'-0"
 (OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET 1)



**EXTERIOR ELEVATION
 SINGLE QUARTER ROUND WINDOW UNIT**

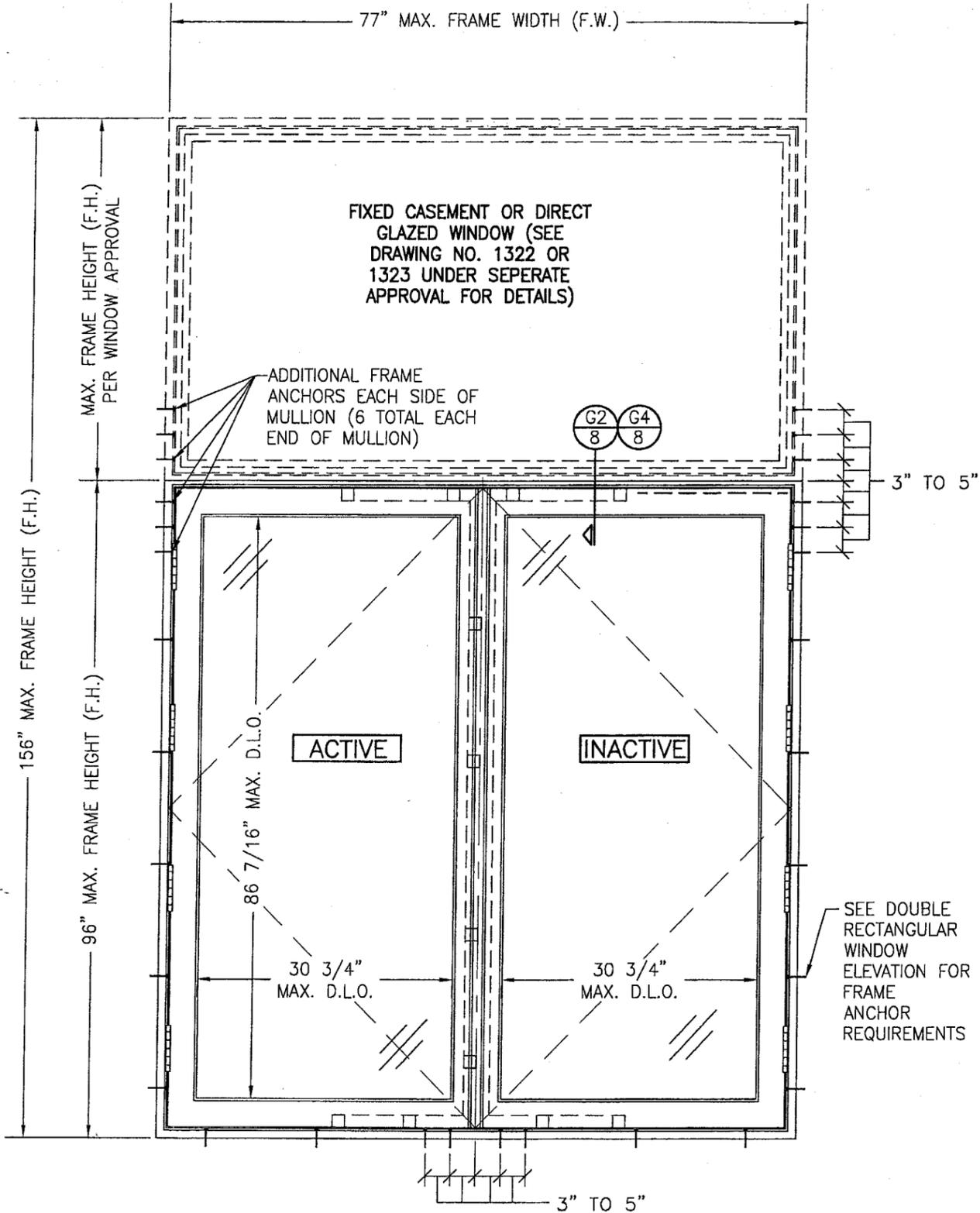
SCALE: 3/4" = 1'-0"
 (OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET 1)



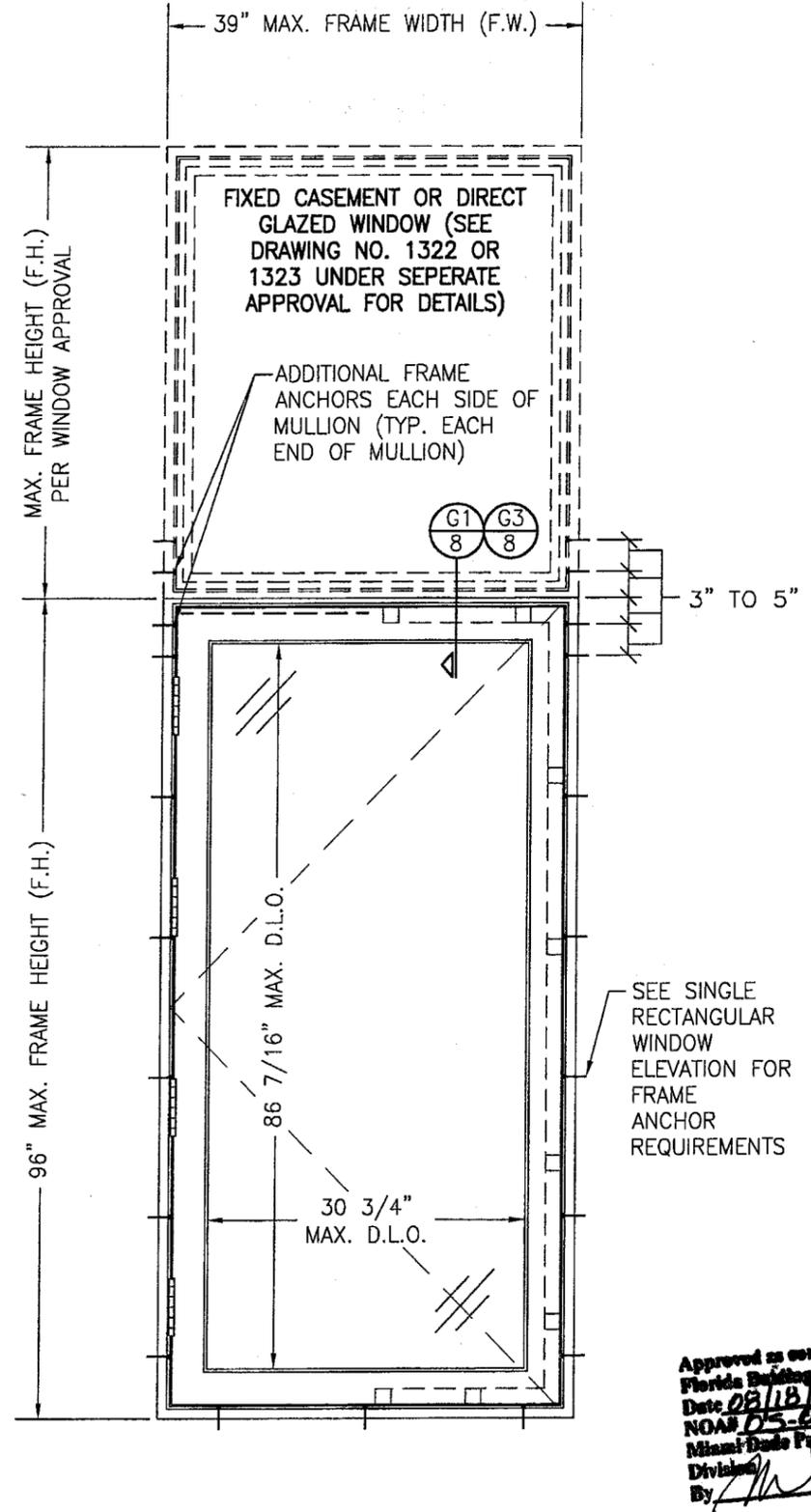
**EXTERIOR ELEVATION
 SINGLE HALF ROUND WINDOW UNIT**

SCALE: 3/4" = 1'-0"
 (OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET 1)

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1-18		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
MANUFACTURER: PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET; PMB 220 MIAMI, FL 33155 305-665-0291			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8885 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION: JUL 14 2005		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320		REV.	
SHEET NO. 2		OF 9	



**EXTERIOR ELEVATION
DOUBLE WINDOW UNIT WITH TRANSOM**
SCALE: N.T.S.
SEE DOUBLE RECTANGULAR WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

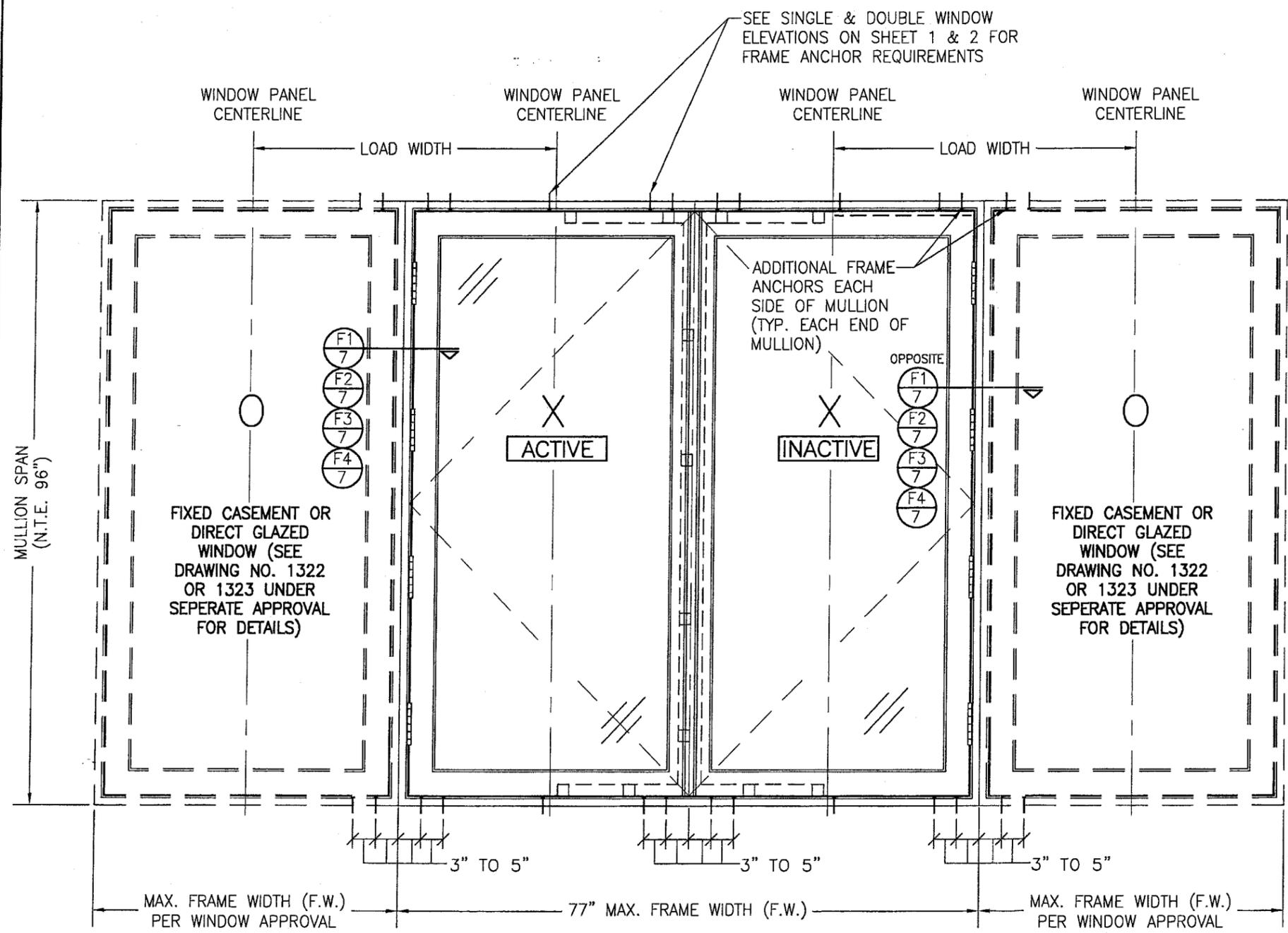


**EXTERIOR ELEVATION
SINGLE WINDOW UNIT WITH TRANSOM**
SCALE: N.T.S.
SEE SINGLE RECTANGULAR WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

Approved as complying with the
Florida Building Code
Date 08/18/05
NOA# 05-0622-06
Miami-Dade Product Control
Division
By *Warren W. Schaefer*

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER PEETZ WINDOWS & DOORS	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		5783 S.W. 40TH STREET; PMB 220 MIAMI, FL 33155 305-665-0291	
CERTIFICATION	JUL 14 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		
DRAWING NO. 1320	REV.		
SHEET NO. 3	OF 9		

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 3/18/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	



MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		NON-REINFORCED MULLION	REINFORCED MULLION
96	54	36.5	53.2
	48	40.2	58.6
	42	44.9	65.5
	39	48.0	70.0
	36	51.0	75.0
	30	58.9	75.0
90	24	71.0	75.0
	22	75.0	75.0
	54	42.1	61.3
	48	46.2	65.9
	42	51.6	72.1
	39	54.4	75.0
84	36	57.7	75.0
	30	66.5	75.0
	24	75.0	75.0
	54	49.3	67.9
	48	53.7	72.5
	42	58.5	75.0
78	39	61.5	75.0
	36	65.1	75.0
	30	75.0	75.0
	54	59.4	75.0
	48	63.1	75.0
	42	68.3	75.0
72	39	71.7	75.0
	36	75.0	75.0
	54	72.9	75.0
66	48	75.0	75.0
	54	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.

**EXTERIOR ELEVATION
DOUBLE WINDOW UNIT WITH SIDELITES**
SCALE: N.T.S.

SEE DOUBLE & SINGLE WINDOW ELEVATIONS FOR DETAIL NOT SHOWN
(OXXO UNIT SHOWN. ALL OTHER FIXED/OPERABLE COMBINATIONS
ALSO APPLY WITH THE MULLION CONDITIONS SHOWN.)

Approved as complying with the
Florida Building Code
Date 08/18/05
NOAH 05-0622.06
Miami Dade Product Control
Division
By [Signature]

DRAWING TITLE: AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS

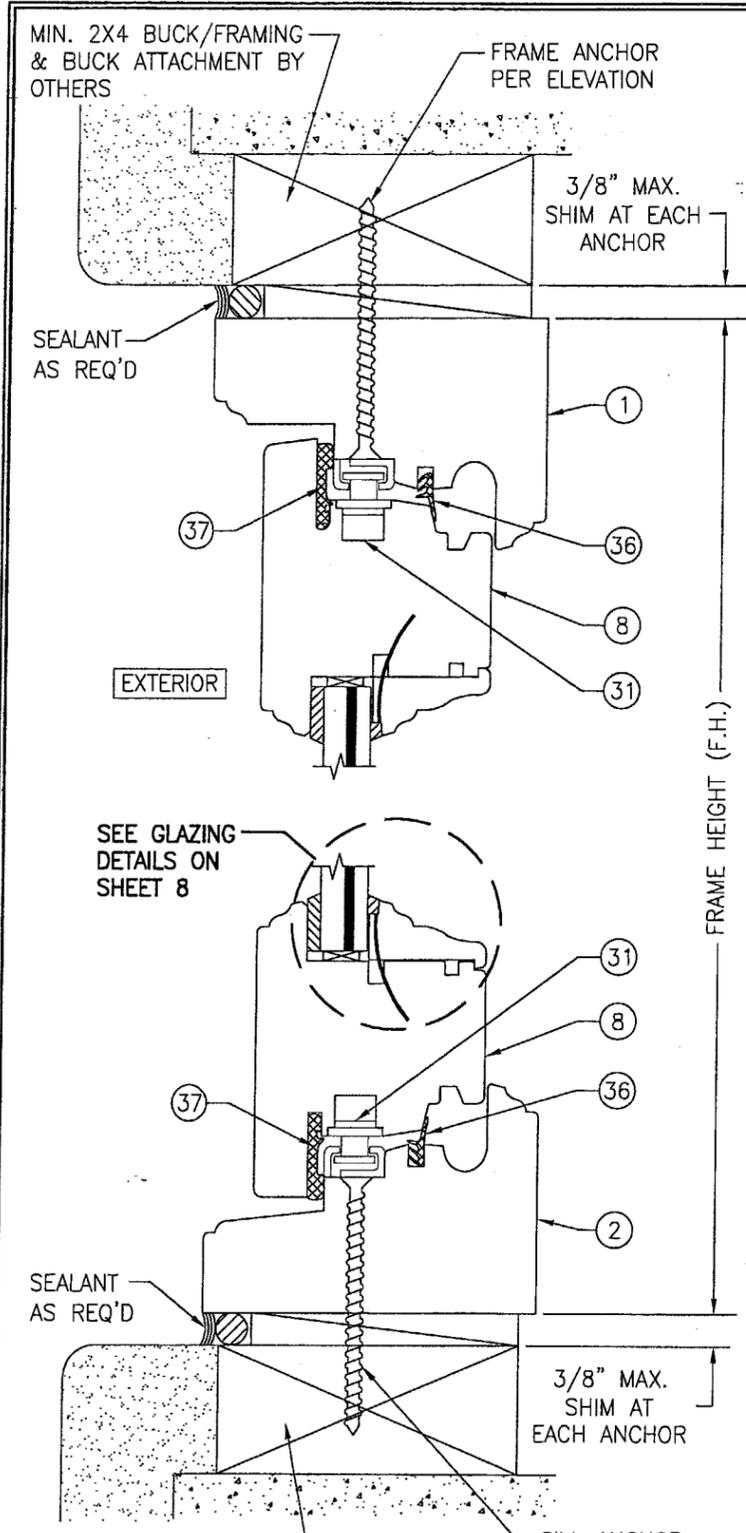
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

MANUFACTURER: PEETZ WINDOWS & DOORS
5783 S.W. 40TH STREET, PMB 220
MIAMI, FL 33155
305-665-0291

CERTIFICATION
JUL 14 2005

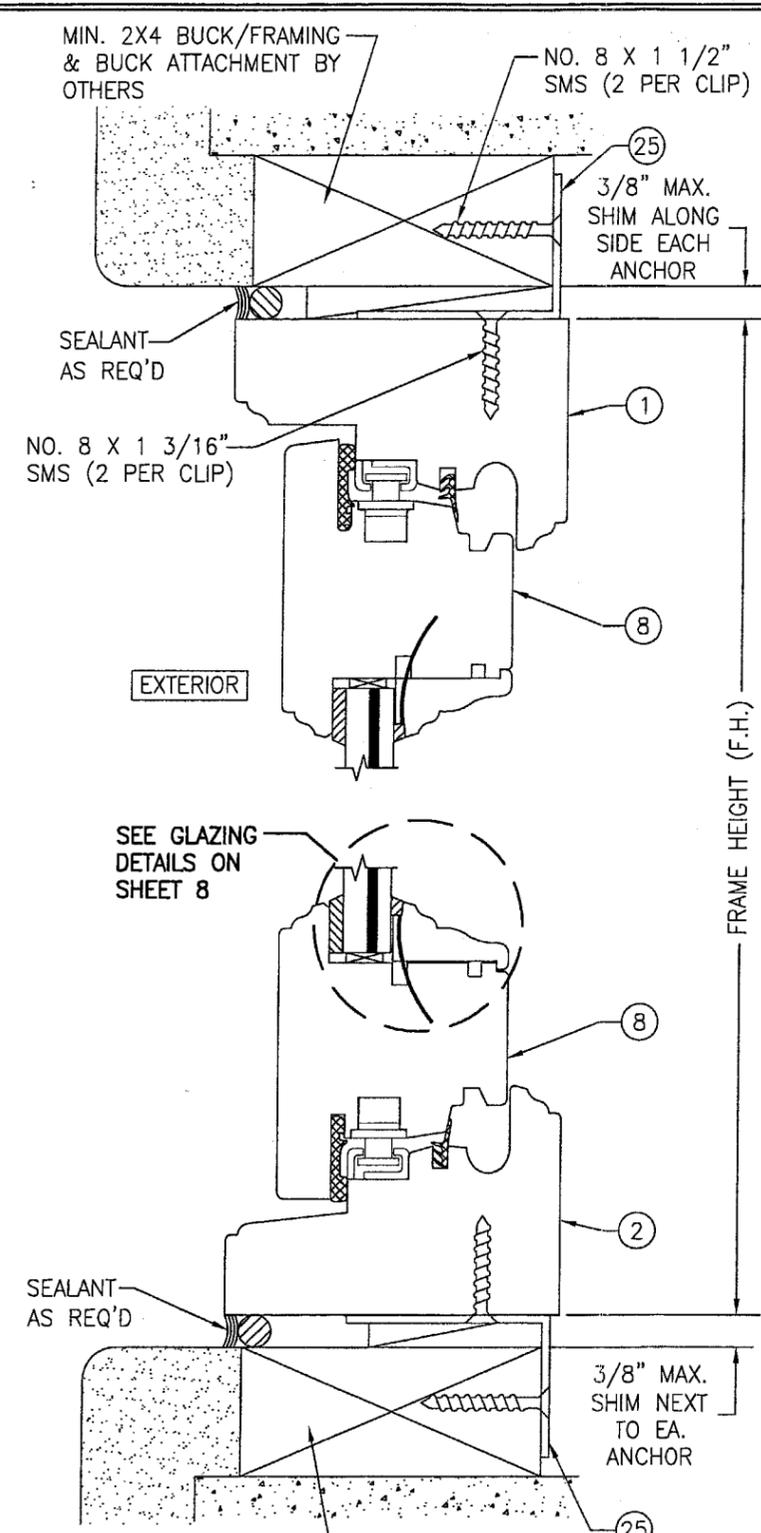
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1320
SHEET NO. 4 OF 9



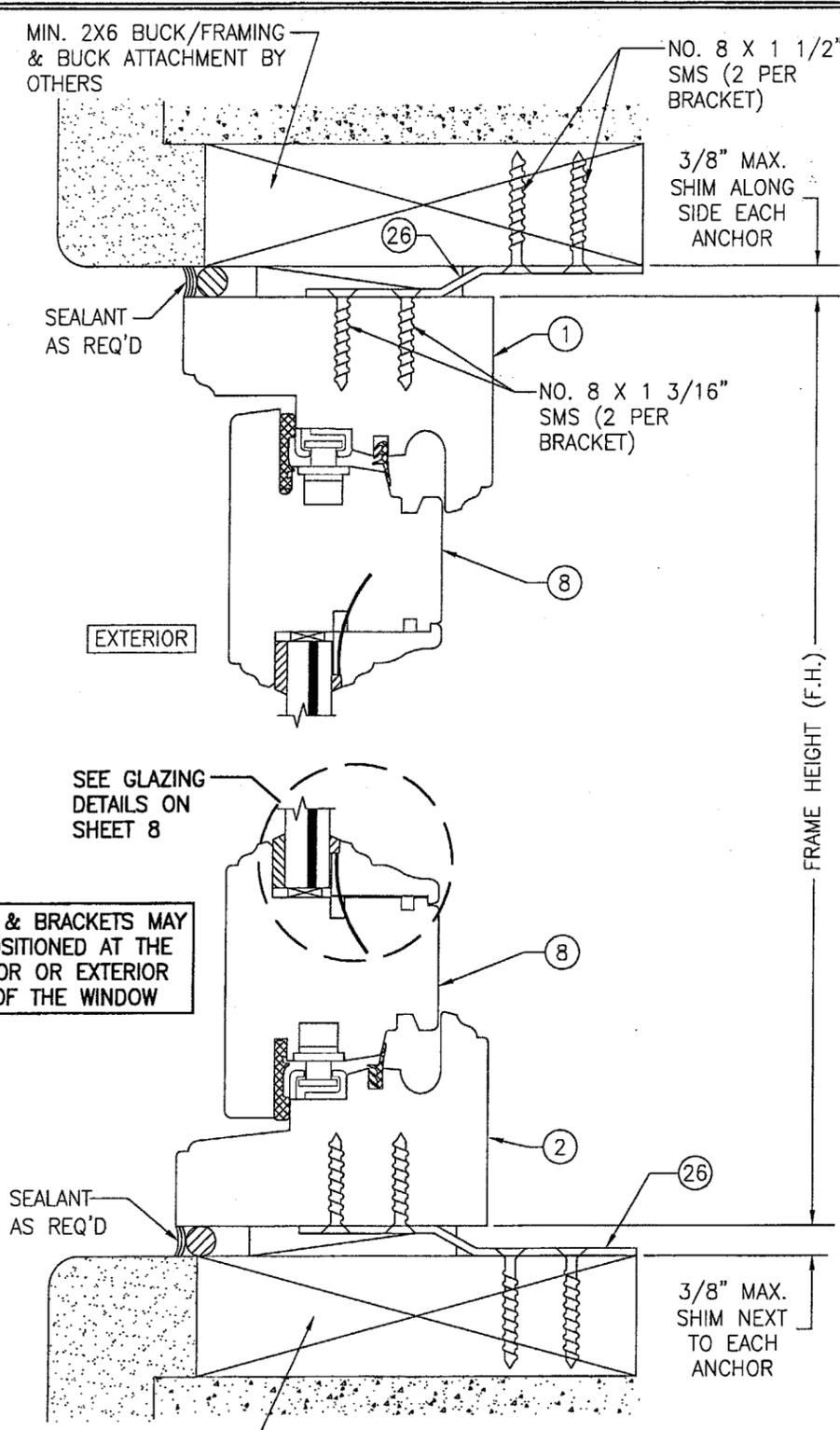
SECTION A1
SCALE: 1/2 FULL (SCREW MOUNT)

BUCK CONDITION SHOWN. METAL STUD OR STRUCTURAL STEEL SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1



SECTION A2
SCALE: 1/2 FULL (CLIP MOUNT)

(SEE DETAIL A1/4 FOR DETAILS NOT SHOWN)



SECTION A3
SCALE: 1/2 FULL (BRACKET MOUNT)

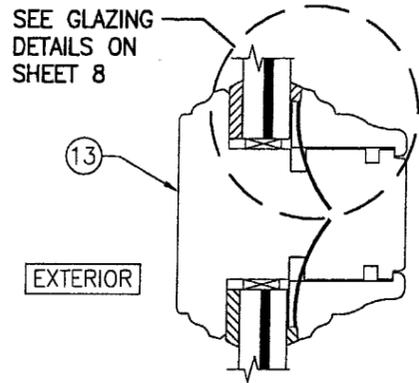
(SEE DETAIL A1/4 FOR DETAILS NOT SHOWN)

BUCK CONDITION SHOWN. METAL STUD OR STRUCTURAL STEEL SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1

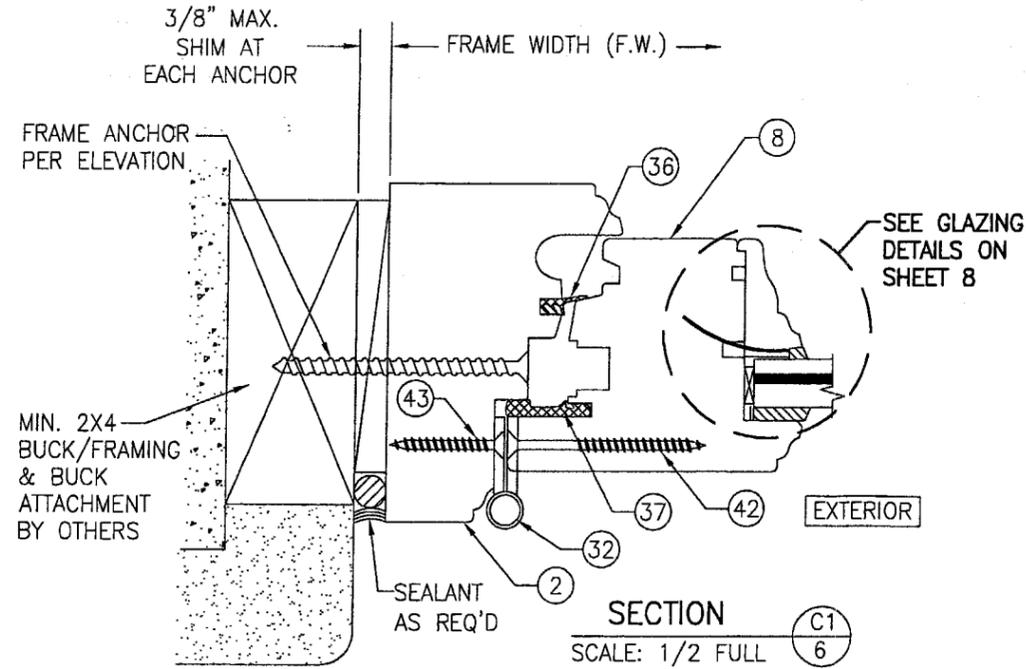
CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW

Approved as complying with the Florida Building Code
Date 08/18/05
NOAH 05-06-22-06
Miami-Dade Permit Center
By *[Signature]*

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: AMERICAN OUT-SWING 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 5783 S.W. 40TH STREET, PMB 220 MIAMI, FL 33155 305-665-0291			
CERTIFICATION: JUL 14 2005		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320		REV. 5	
SHEET NO. 5		OF 9	

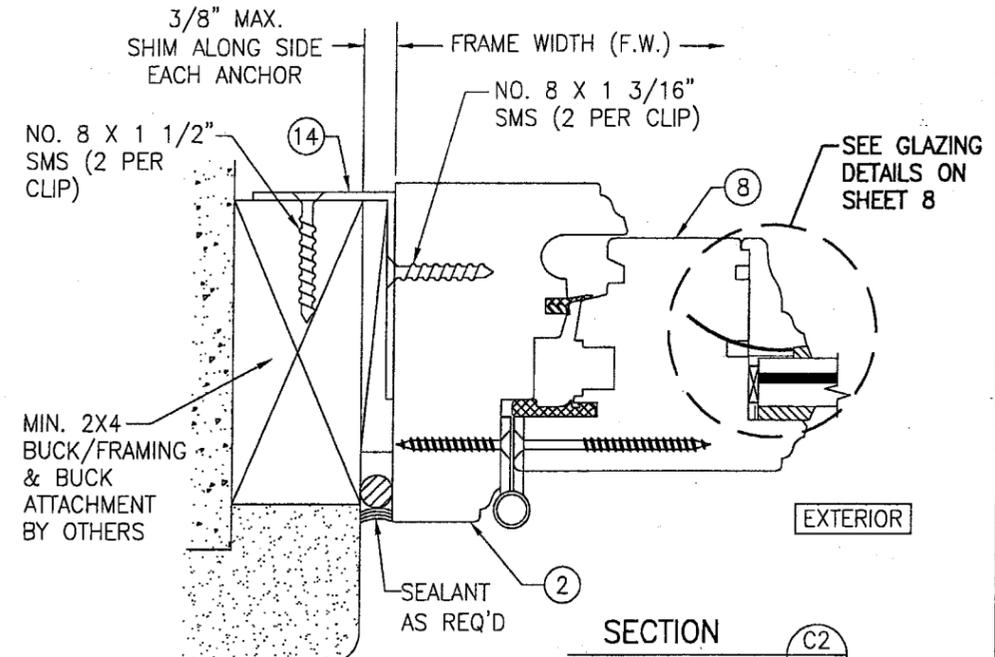


SECTION B
SCALE: 1/2 FULL

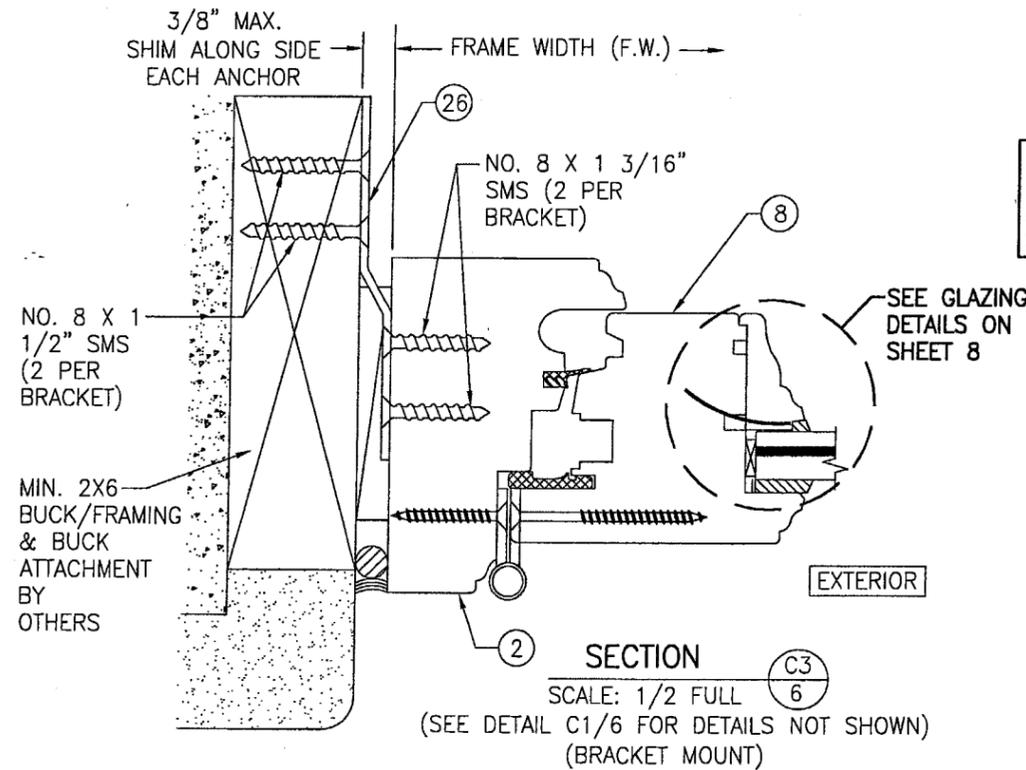


SECTION C1
SCALE: 1/2 FULL
(SCREW MOUNT)

BUCK CONDITION SHOWN. METAL STUD OR STRUCTURAL STEEL SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1



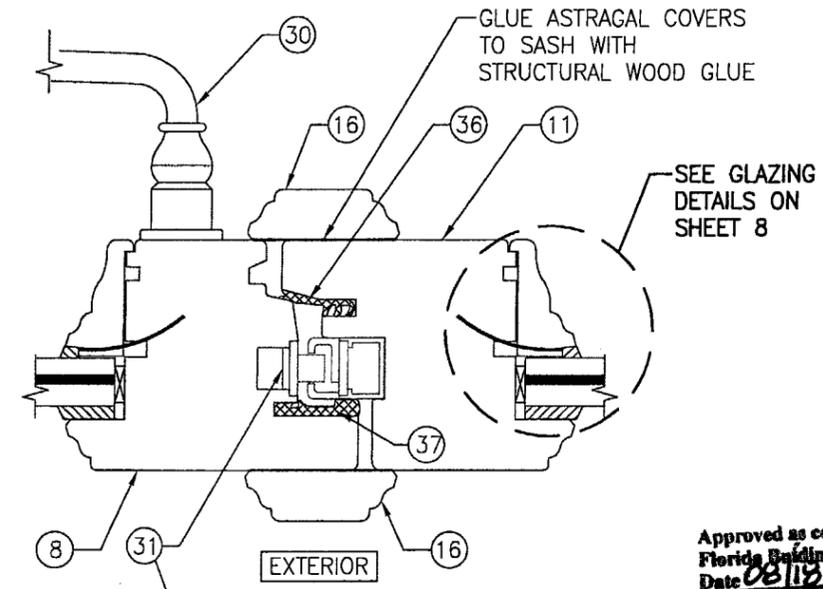
SECTION C2
SCALE: 1/2 FULL
(SEE DETAIL C1/6 FOR DETAILS NOT SHOWN)
(CLIP MOUNT)



SECTION C3
SCALE: 1/2 FULL
(SEE DETAIL C1/6 FOR DETAILS NOT SHOWN)
(BRACKET MOUNT)

BUCK CONDITION SHOWN. METAL STUD OR STRUCTURAL STEEL SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1

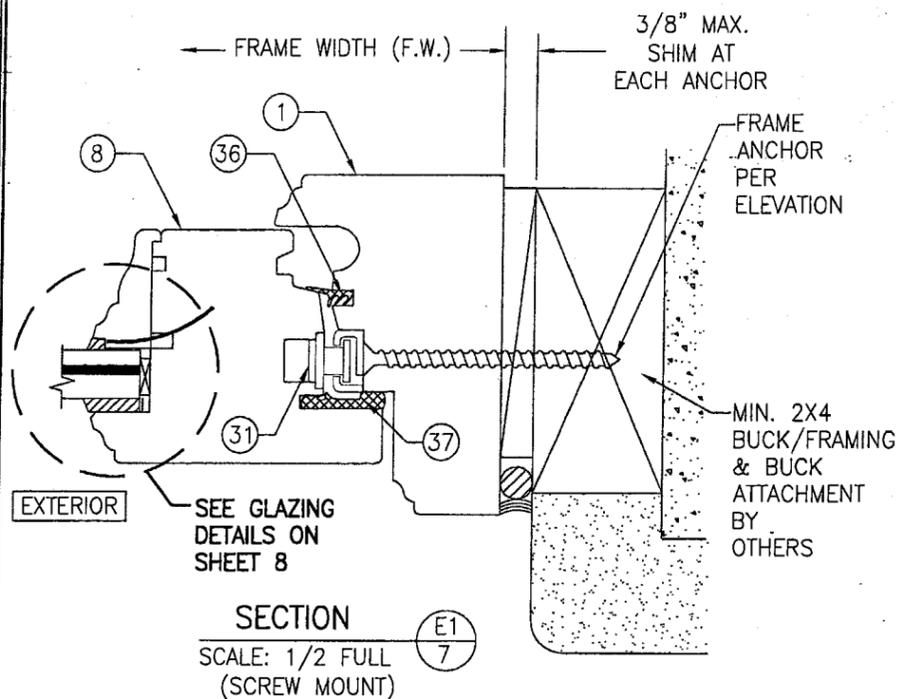
CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW



SECTION D
SCALE: 1/2 FULL
NOTE: NO LOCKING CAM AT MEETING STILES WITH GU LOCK SYSTEM

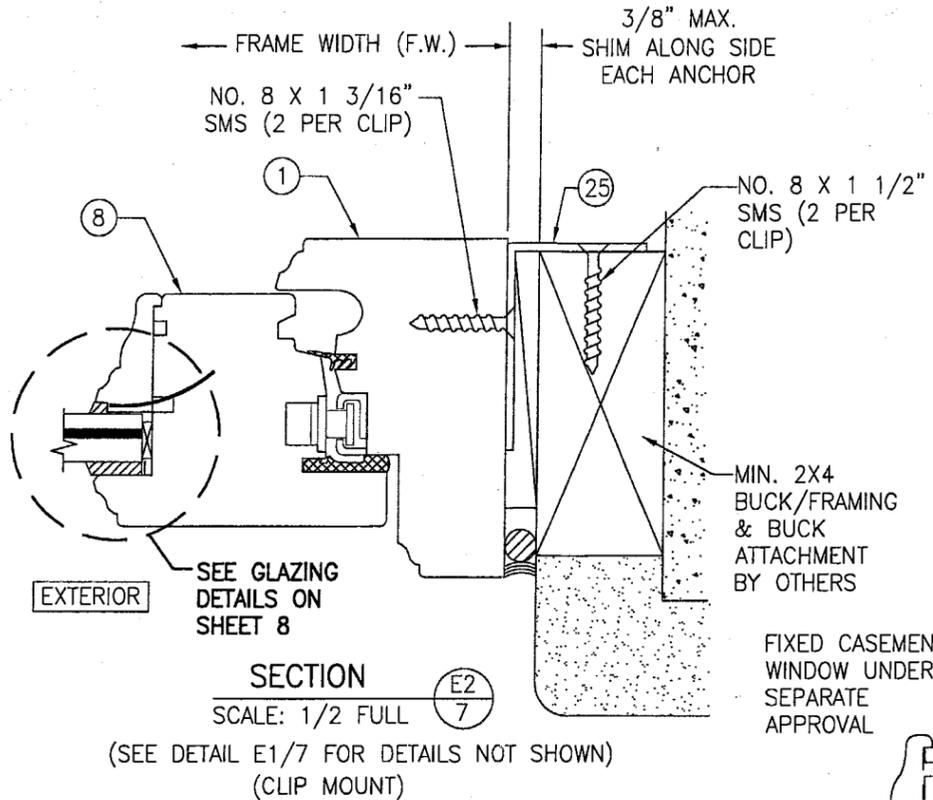
Approved as complying with the Florida Building Code
Date 08/18/05
NOA 05-0625-06
Miami Dade Permit Center
Division
By *[Signature]*

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
MANUFACTURER PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET, PMB 220 MIAMI, FL 33155 305-665-0291			
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			
DRAWING NO. 1320			
SHEET NO. 6 OF 9			



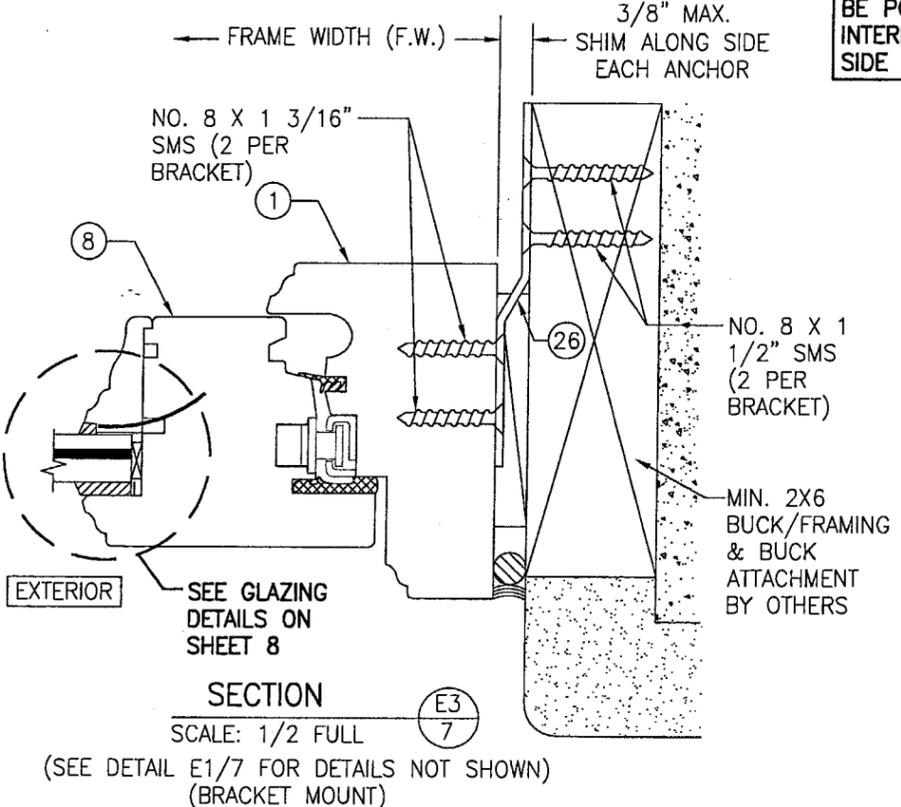
SECTION E1
SCALE: 1/2 FULL (SCREW MOUNT)

BUCK CONDITION SHOWN. METAL STUD OR STRUCTURAL STEEL SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1



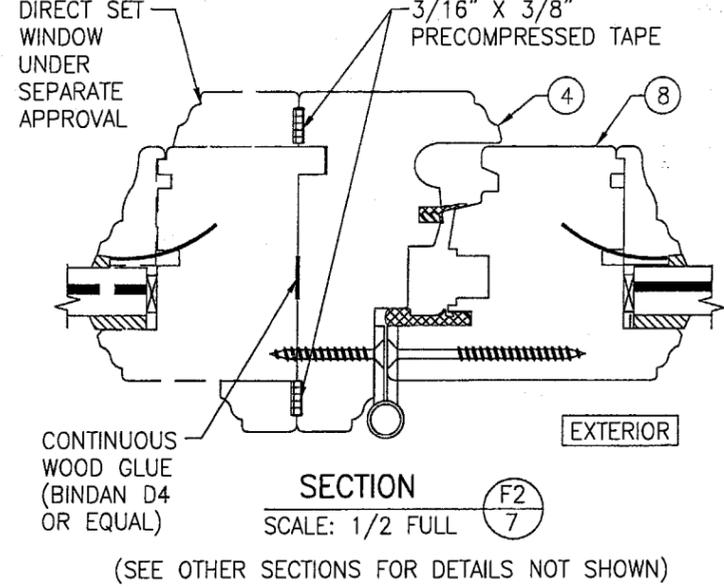
SECTION E2
SCALE: 1/2 FULL (CLIP MOUNT)

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

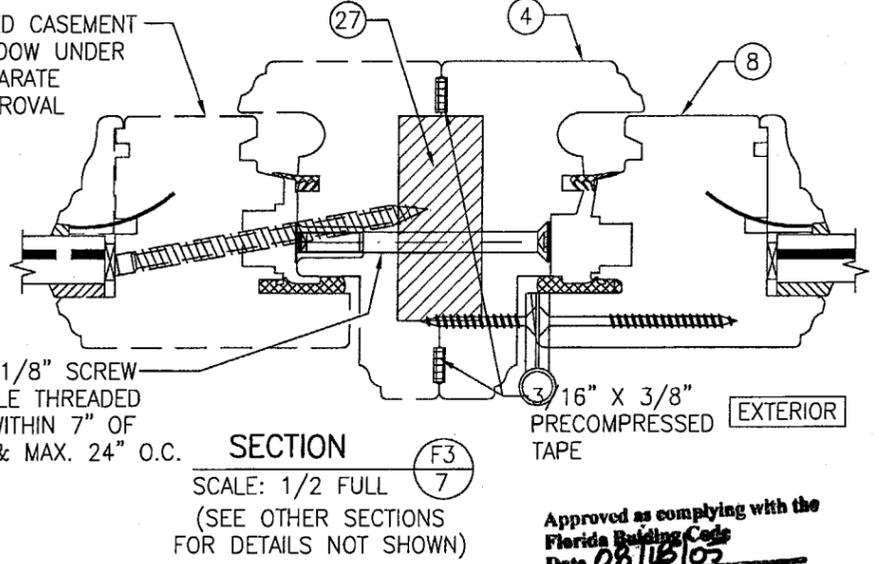


SECTION E3
SCALE: 1/2 FULL (BRACKET MOUNT)

BUCK CONDITION SHOWN. METAL STUD OR STRUCTURAL STEEL SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1

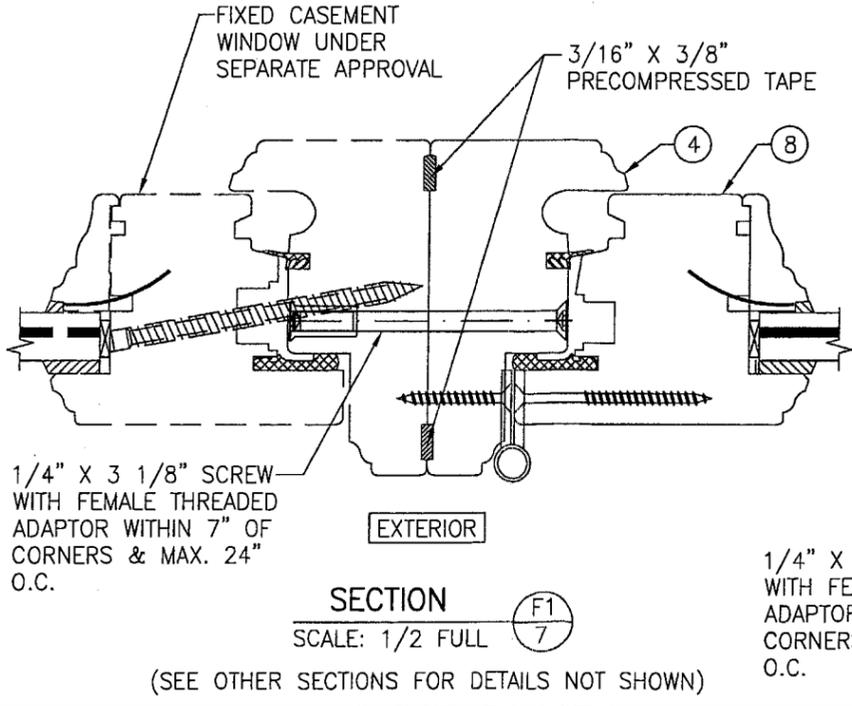


SECTION F2
SCALE: 1/2 FULL

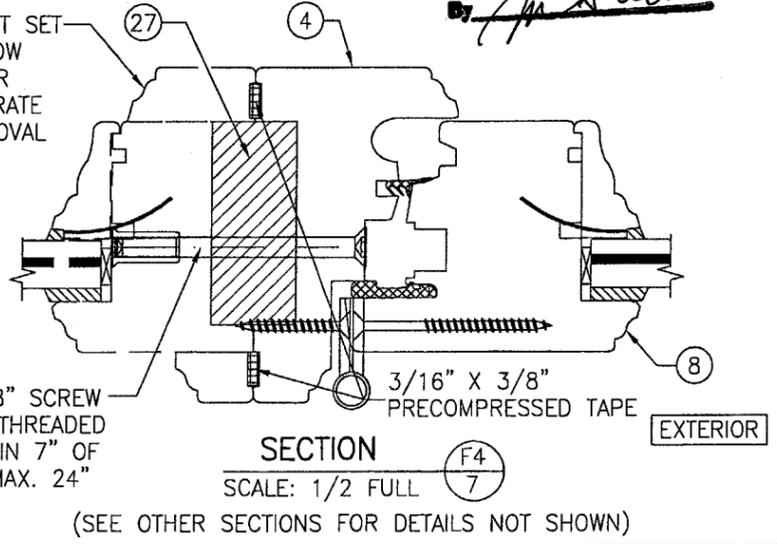


SECTION F3
SCALE: 1/2 FULL

Approved as complying with the Florida Building Code
Date 08/18/05
NO. 05-0022-06
Miami Code Product Control
By [Signature]

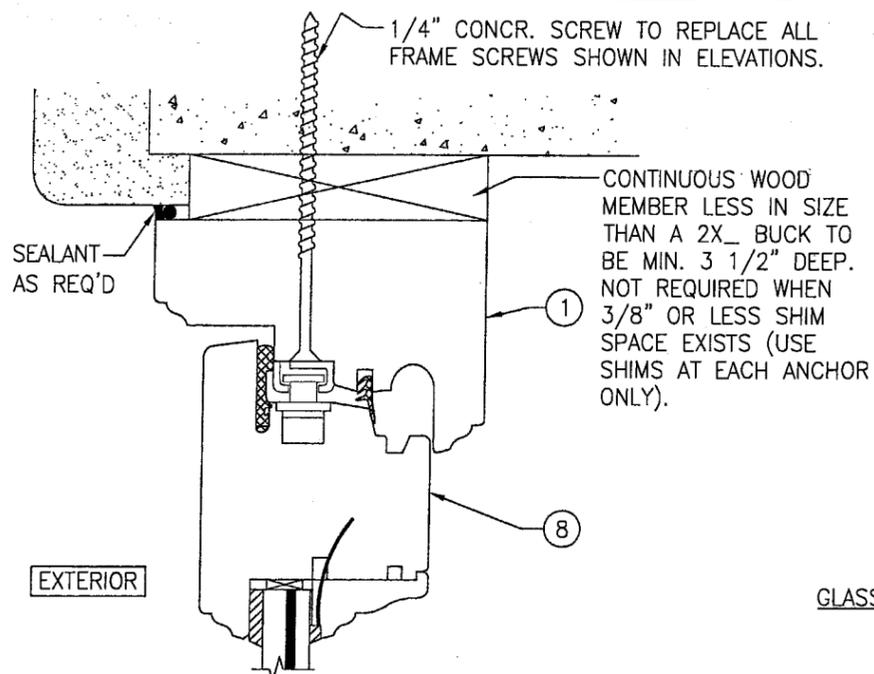


SECTION F1
SCALE: 1/2 FULL

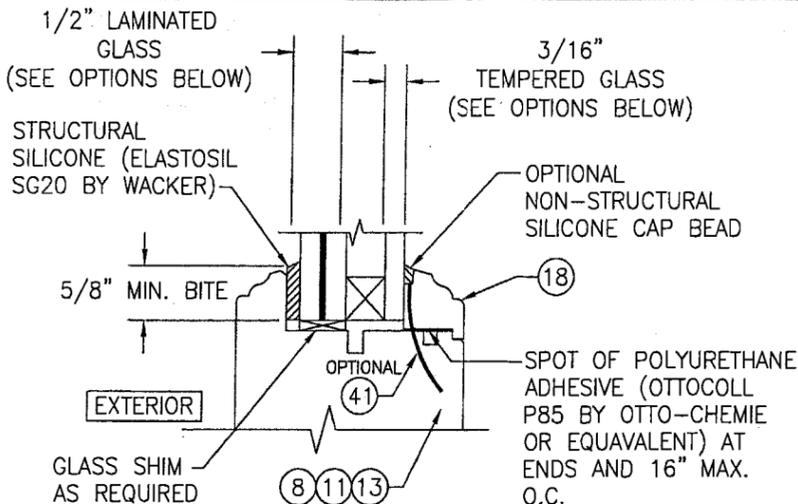


SECTION F4
SCALE: 1/2 FULL

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: AMERICAN OUT-SWING 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 5783 S.W. 40TH STREET, PMB 220 MIAMI, FL 33155 305-665-0291			
CERTIFICATION: JUL 2005		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320		REV.	
SHEET NO. 7 OF 9			

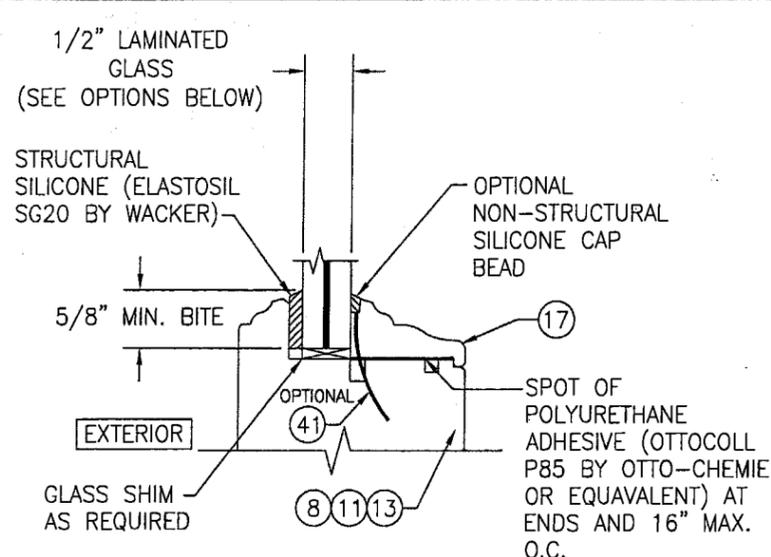


**OPTIONAL DIRECT MOUNT DETAIL
TO BLOCK OR CONCRETE WITH SPACER OR SHIM**
HEAD SECTION SHOWN, SIDES AND SILL SIMILAR



I.G. GLAZING DETAIL

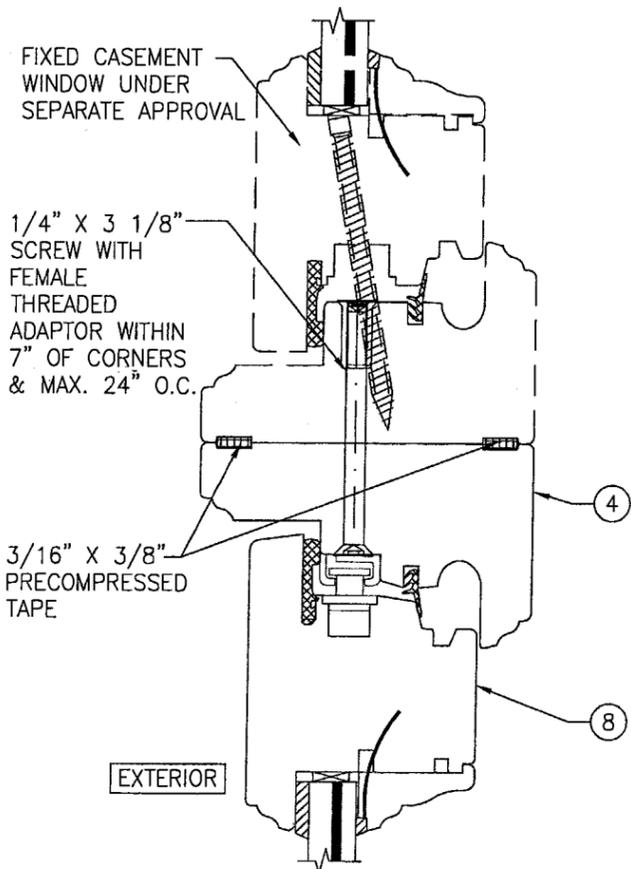
- GLASS OPTION:**
- 1/2" THICK SOLUTIA SAFLEX III LAMINATED OUTER GLASS (3/16" AN/0.09 SAFLEX III G PVB/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE
 - 1/2" THICK SOLUTIA VANCEVA LAMINATED OUTER GLASS (3/16" AN/0.075" VANCEVA/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2"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



NON-I.G. GLAZING DETAIL

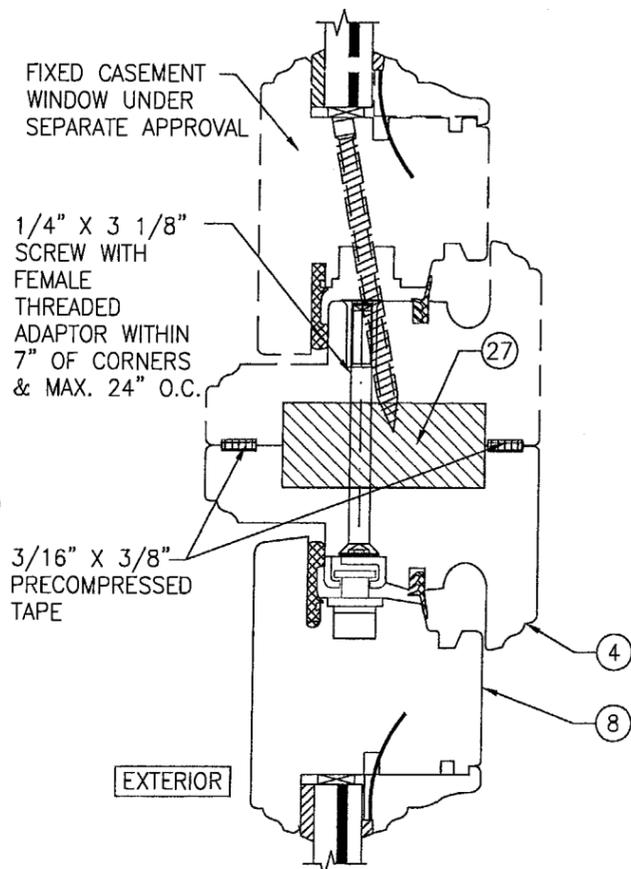
- GLASS OPTION:**
- 1/2" THICK SOLUTIA SAFLEX III LAMINATED GLASS (3/16" AN/0.09 SAFLEX III G PVB/1/4" AN)
 - 1/2" THICK SOLUTIA VANCEVA LAMINATED GLASS (3/16" AN/0.075" VANCEVA/1/4" AN)

Approved as complying with the
Florida Building Code
Date 08/18/05
NOAH 05-0677.06
Miami-Dade Product Control
Division
By *[Signature]*



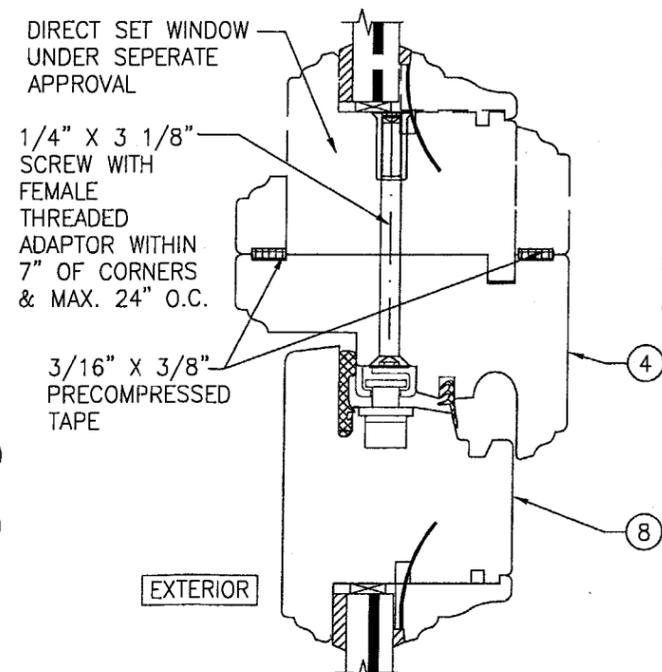
SECTION G1
SCALE: 1/2 FULL 8

(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)



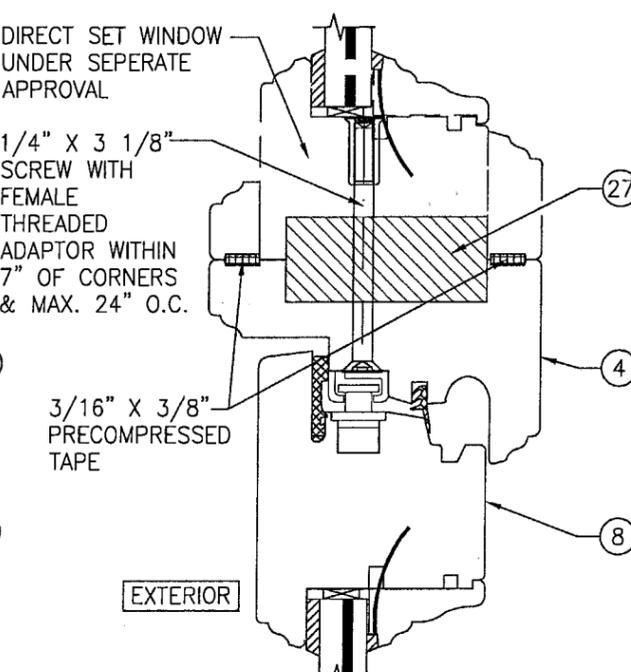
SECTION G2
SCALE: 1/2 FULL 8

(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)



SECTION G3
SCALE: 1/2 FULL 8

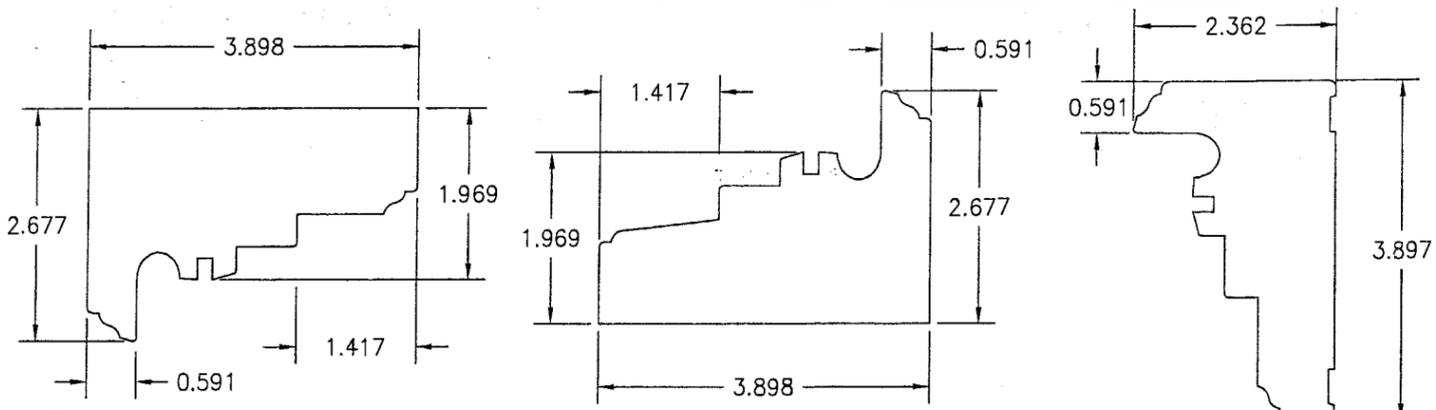
(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)



SECTION G4
SCALE: 1/2 FULL 8

(SEE DETAIL A1/5 FOR DETAILS NOT SHOWN)

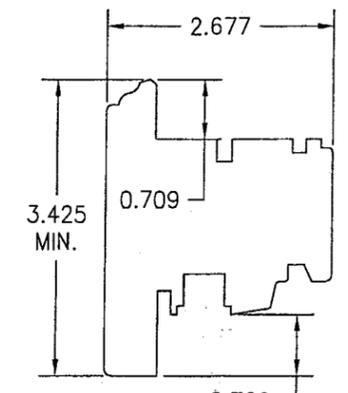
DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 1/3/05
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS	
MANUFACTURER PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET; PMB 220 MIAMI, FL 33155 305-665-0291	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION JUL 14 2005	P.E. <i>[Signature]</i> WARREN W. SCHAEFER P.E. NO. 44155
DRAWING NO. 1320	REV.
SHEET NO. 8	OF 9



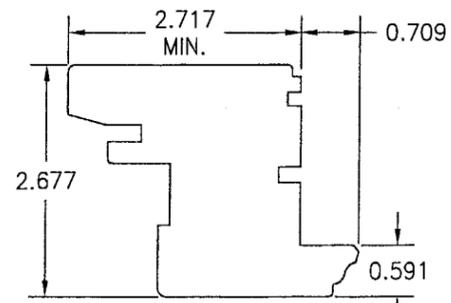
① HEAD AND SIDE JAMB

② SILL JAMB

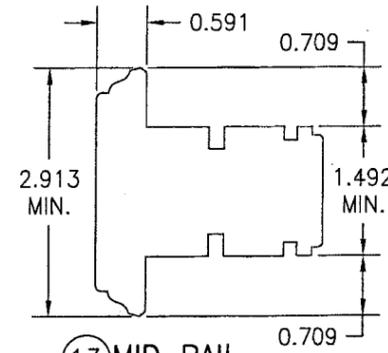
⑤ MULLION JAMB
(NOTCH OUTS FOR REINFORCEMENTS NOT SHOWN)



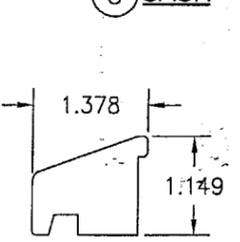
⑧ SASH



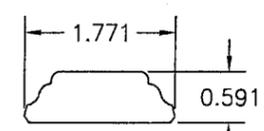
⑪ MEETING SASH



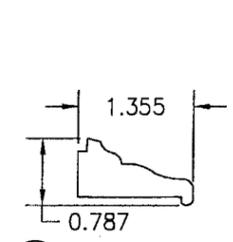
⑬ MID RAIL



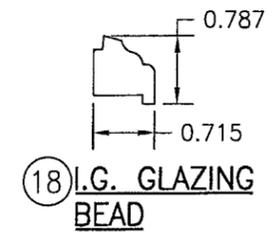
⑮ SILL DRIP



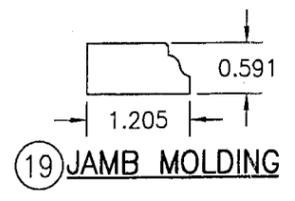
⑯ ASTRAGAL COVER



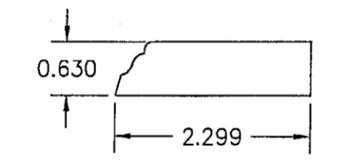
⑰ NON-I.G. GLAZING BEAD



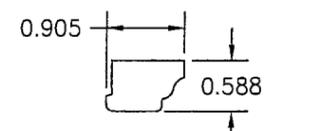
⑱ I.G. GLAZING BEAD



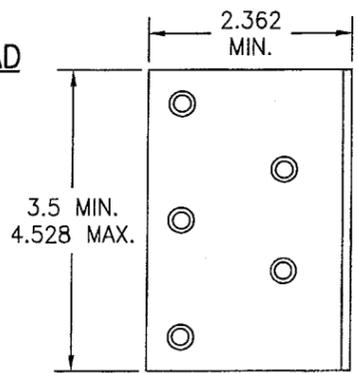
⑲ JAMB MOLDING



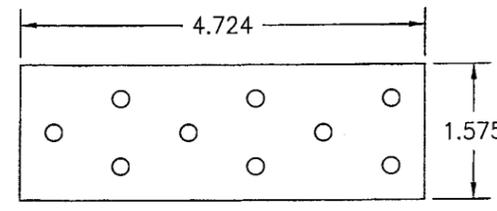
⑳ JAMB MOLDING



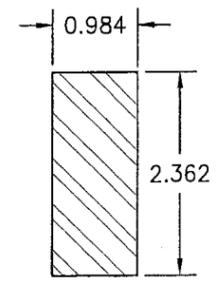
㉓ JAMB MOLDING



㉕ FRAME INSTALLATION CLIP



㉖ FRAME INSTALLATION BRACKET



㉗ TRANSOM MULLION REINFORCEMENT

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD AND SIDE JAMB	MAHOGANY
2	SILL JAMB (OUTSWING)	MAHOGANY
5	MULLION JAMB	MAHOGANY
8	SASH (OUTSWING)	MAHOGANY
11	MEETING SASH (OUTSWING)	MAHOGANY
13	MID RAIL	MAHOGANY
15	SILL DRIP	MAHOGANY
16	ASTRAGAL COVER	MAHOGANY
17	NON-I.G. GLAZING BEAD	MAHOGANY
18	I.G. GLAZING BEAD	MAHOGANY
19	JAMB MOLDING	MAHOGANY
20	JAMB MOLDING	MAHOGANY
22	JAMB MOLDING	MAHOGANY
23	JAMB MOLDING	MAHOGANY
24	JAMB MOLDING	MAHOGANY
25	FRAME INSTALLATION CLIP	GALVANIZED 34.1 KSI STEEL
26	FRAME INSTALLATION BRACKET	GALVANIZED 34.1 KSI STEEL
27	MULLION REINFORCEMENT	A36 STEEL (FY = 36 KSI)
HARDWARE		
30	LOCK HANDLE	AS REQUIRED TO OPERATE LOCKS
31	MULTI-POINT LOCK SYSTEM	GU, ROTO OR SIEGENIA MUSHROOM CAM SYSTEM
32	HINGE (2 3/16" X 5 1/2")	BRASS, PLATED STEEL, OR S.S. BY BROS
SEALS AND SEALANTS		
36	SWEEP	GTG EPDM
37	COMPRESSION SEAL	SCHLEGEL
38	3/8" X 3/16" PRECOM PRESSED TAPE	N/A
FASTENERS		
40	.295" X 3 5/8" AMO III GALVANIZED STEEL SCREWS	5 1/2" FROM INNER CORNERS & 14" O.C.
41	OPTIONAL 18 GA. X 1 1/4" GALVANIZED CURVED NAIL	10" FROM CORNERS & 20" O.C.
42	3/16" X 1 3/16" SCREWS	4 PER HINGE (@ DOOR)
43	3/16" X 2 3/4" SCREWS	4 PER HINGE (@ JAMB)

NOTE: MAHOGANY USED IN TESTING WAS MERANTI MAHOGANY. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE MERBAU, DOUSSIE, SIPO, SAPELLI, HONDURAS MAHOGANY OR OAK. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ TO SELECT.

Approved as complying with the Florida Building Code
 Date: 08/18/05
 NOAH 05-0022-00
 Miami-Dade Product Control
 Division
W. Schaefer

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 1/3/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE AMERICAN OUT-SWING 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 5783 S.W. 40TH STREET, PMB 220 MIAMI, FL 33155 305-665-0291	
CERTIFICATION JUL 14 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1320		REV.	
SHEET NO. 9		OF 9	