



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 Windows 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 Doors – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1324, titled "American Outswing Impact Wood Door", sheets 1 through 12 of 12, dated 03/22/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren 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**



Mx
7/28/2005

NOA No 05-0622.02
Expiration Date: August 18, 2010
Approval Date: August 18, 2005

Peetz Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. 1324, titled "American Outswing Impact Wood Door", sheets 1 through 12 of 12, dated 03/22/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren 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 202-94
along with the manufacturer's parts drawings, installation diagram and marked-up drawings of a outswing wood door 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 202-94
along with the manufacturer's parts drawings, installation diagram and marked-up drawings of a outswing wood door window prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0284-0114-05**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

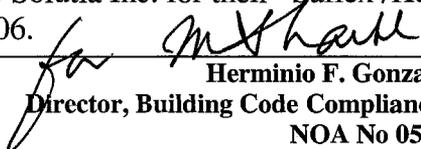
1. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 04/13/05, signed and sealed by Warren Schaefer, P.E.
2. Revised Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 07/13/05, signed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



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0622.02
Expiration Date: May 22, 2008
Approval Date: August 04, 2005

Peetz Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

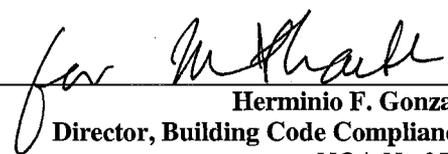
2. Notice of Acceptance No. **03-0415.13** issued to Solutia Inc. for their "Vanceva Composites" dated 12/11/03, expiring on 12/11/08.

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

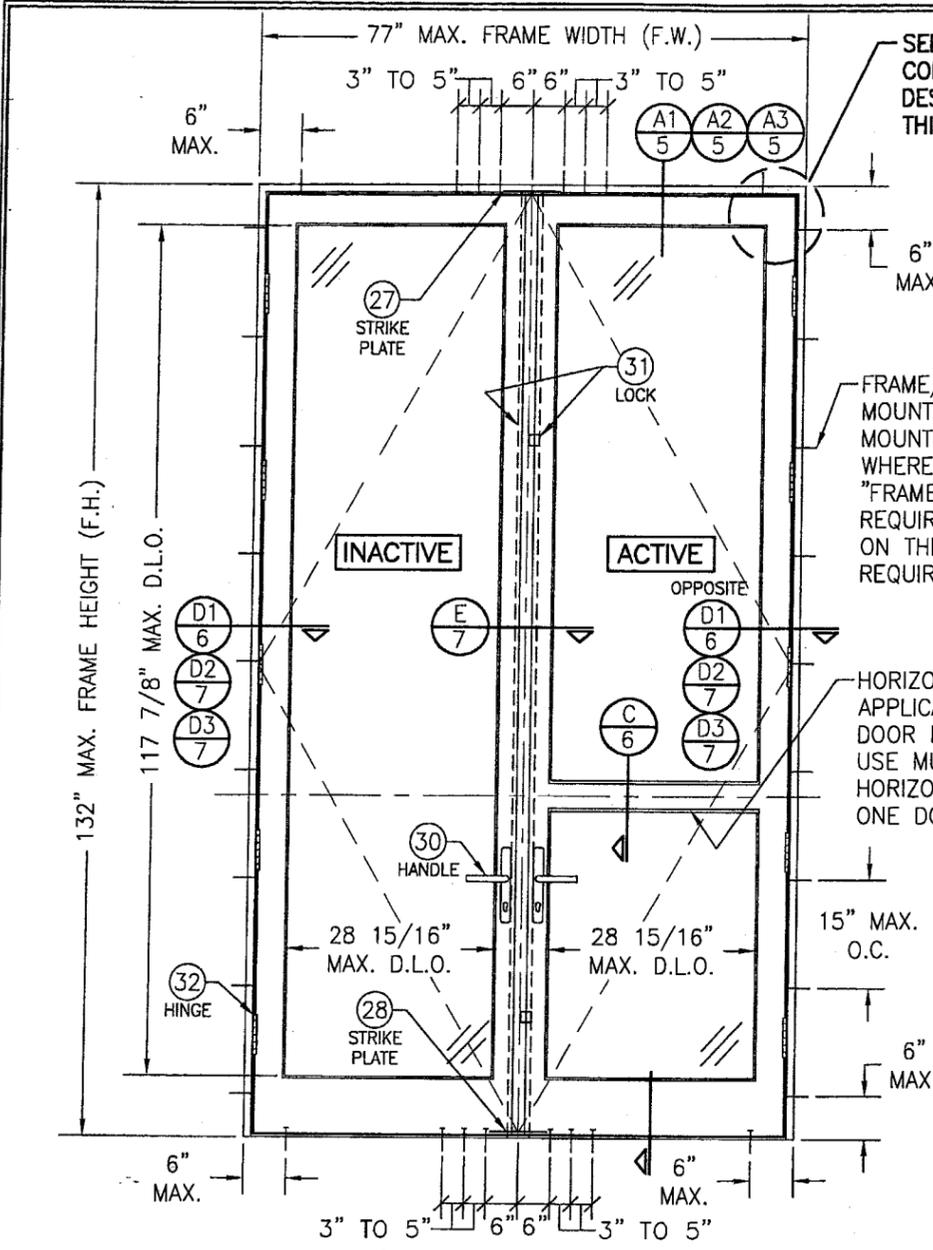
1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office

NOA No 05-0622.02

Expiration Date: May 22, 2008
Approval Date: August 04, 2005



**EXTERIOR ELEVATION
DOUBLE RECTANGULAR OUTSWING DOOR**
SCALE: 1/2" = 1'-0"

GENERAL NOTES

1. THESE DOOR 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 DOOR 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 DOORS.
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.

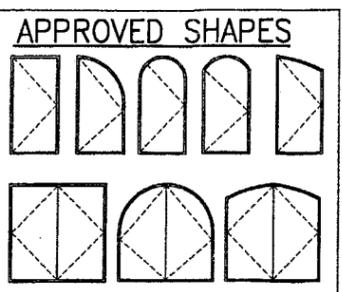
CORNER CONSTRUCTION:

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, OR COPED, BUTTED TOGETHER & JOINED WITH (6) 3/8" X 3 15/16" WOOD DOWELS & GLUED WITH BINDAN D4 OR EQUAL

SEE "CORNER CONSTRUCTION" DESCRIPTION ON THIS SHEET

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

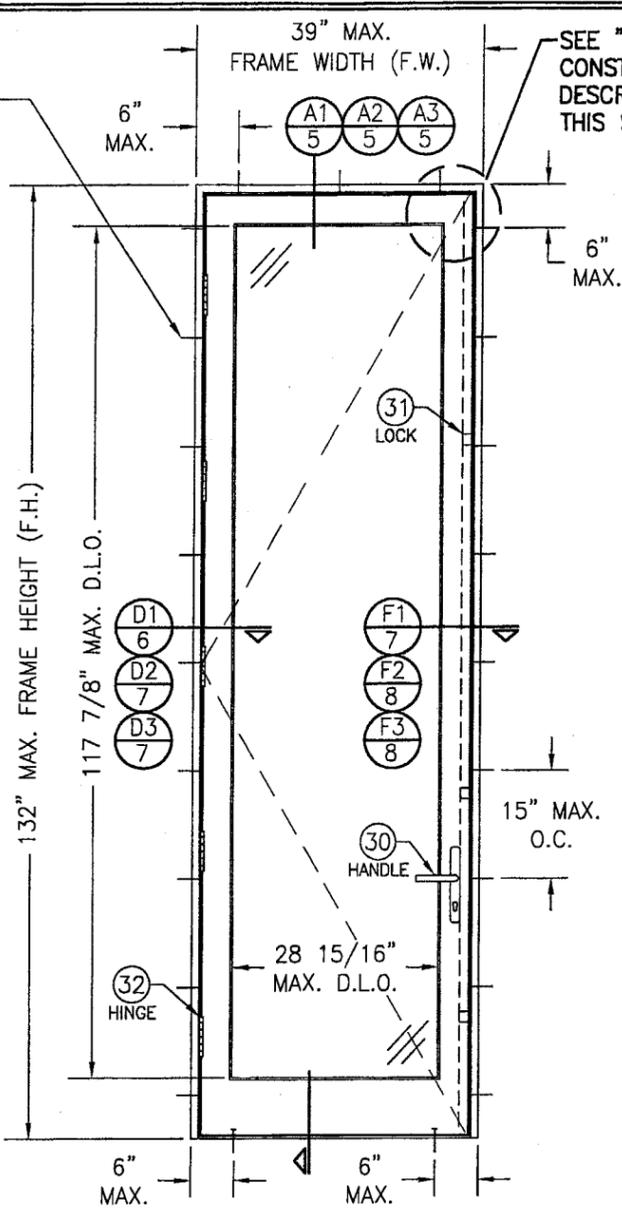
HORIZONTAL SASH BAR APPLICABLE WITH ALL DOOR PANELS (MAY USE MULTIPLE HORIZONTAL BARS IN ONE DOOR PANEL)



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.

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

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

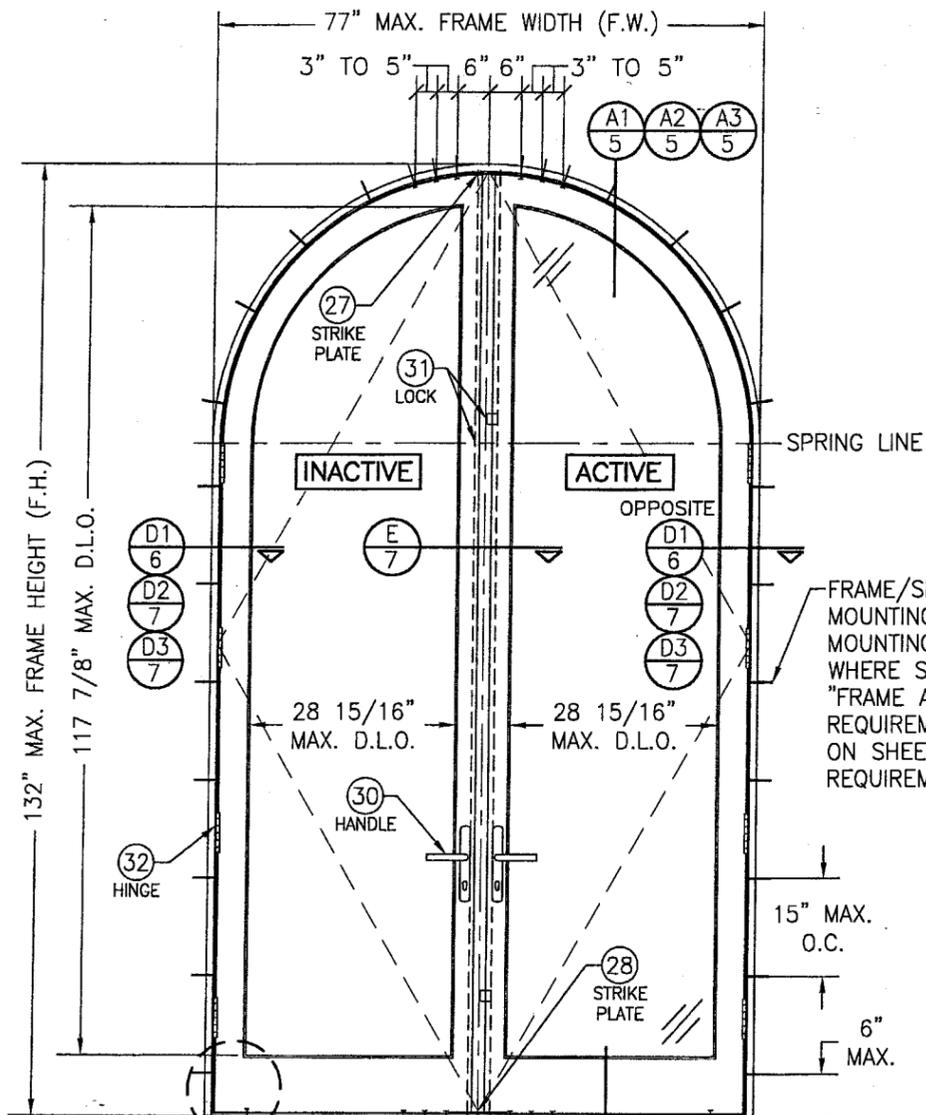


**EXTERIOR ELEVATION
SINGLE RECTANGULAR OUTSWING DOOR**
SCALE: 1/2" = 1'-0"

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.).			

Approved as complying with the Florida Building Code
Date: 08/15/05
NOA# 05-0622-02
Miami Dade Product Control Division
By: [Signature]

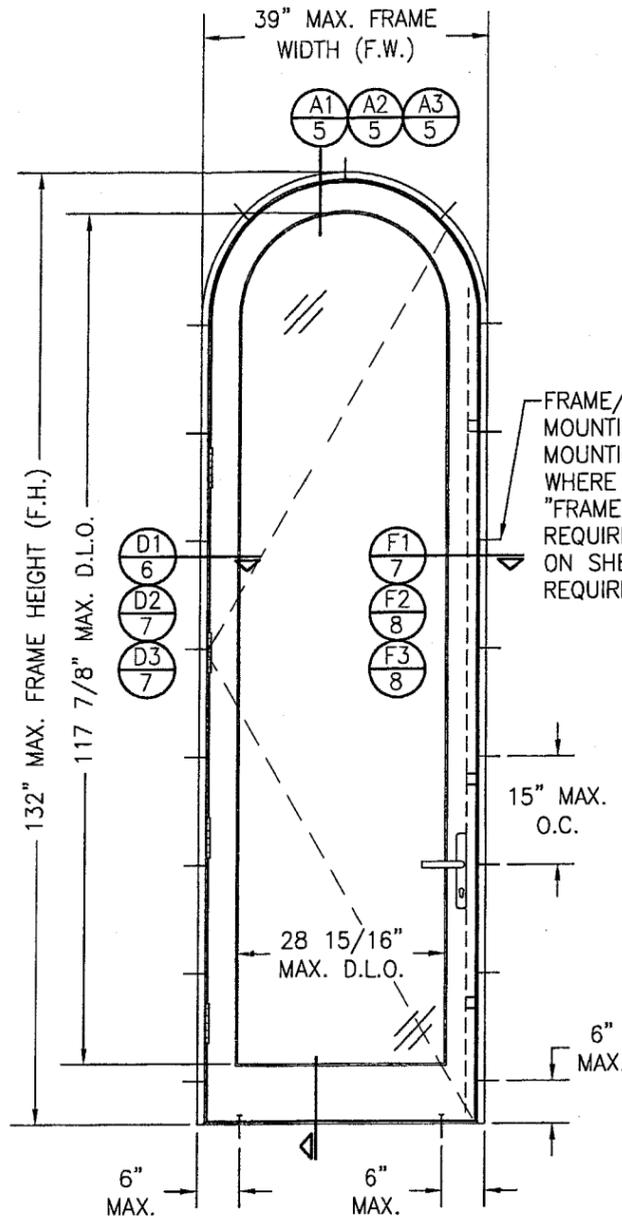
DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 3/22/05
DATE	BY
REVISION DESCRIPTION	NO.
AMERICAN OUT-SWING IMPACT WOOD DOORS MANUFACTURER PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET; PMB 220 MIAMI, FL 33155 305-665-0291	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
DRAWING TITLE AMERICAN OUT-SWING IMPACT WOOD DOORS	
CERTIFICATION JUL 14 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1324	REV.
SHEET NO. 1 OF 12	



**EXTERIOR ELEVATION
DOUBLE HALF ROUND DOOR**

SCALE: 1/2" = 1'-0"

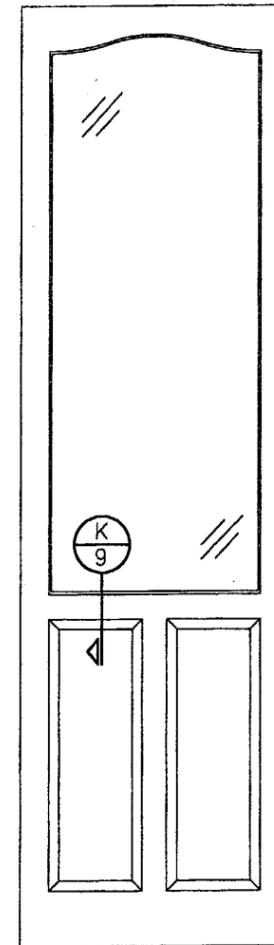
(OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET 1)



**EXTERIOR ELEVATION
SINGLE HALF ROUND DOOR**

SCALE: 1/2" = 1'-0"

(OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET 1)



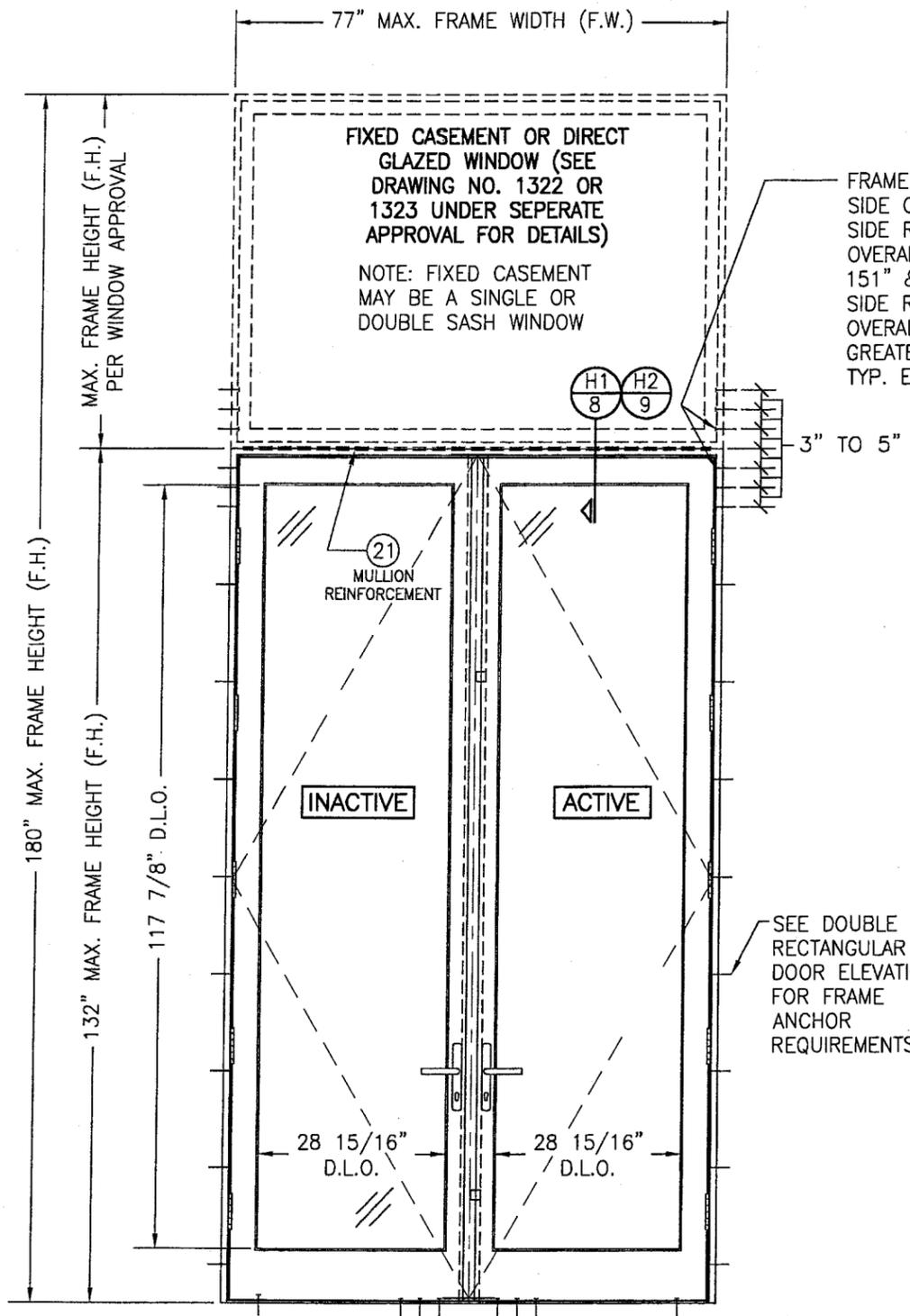
**EXTERIOR ELEVATION SOLID
RAISED PANEL WITH
STANDARD MID RAILS**

SCALE: 1/2" = 1'-0"

1. TOP & MID RAILS MAY BE OF ANY CONFIGURATION PROVIDING THE SMALLEST CROSS SECTION OF RAILS IS EQUAL TO OR LARGER THAN THAT DETAILED IN DRAWINGS.
2. MULTIPLE MID RAIL (BOTH HORIZONTAL & VERTICAL) MAY BE USED WITH THESE PANELS.
3. PARTIAL PANEL CONDITION IS SHOWN ABOVE. FULL PANEL DOORS AND OTHER PANEL CONFIGURATIONS ARE ALSO PART OF THIS APPROVAL AND ARE SIMILAR IN CONSTRUCTION TO THAT SHOWN ABOVE.
4. PANEL ONLY IS SHOWN. FOR INSTALLATION INTO FRAME, SEE OTHER ELEVATIONS.

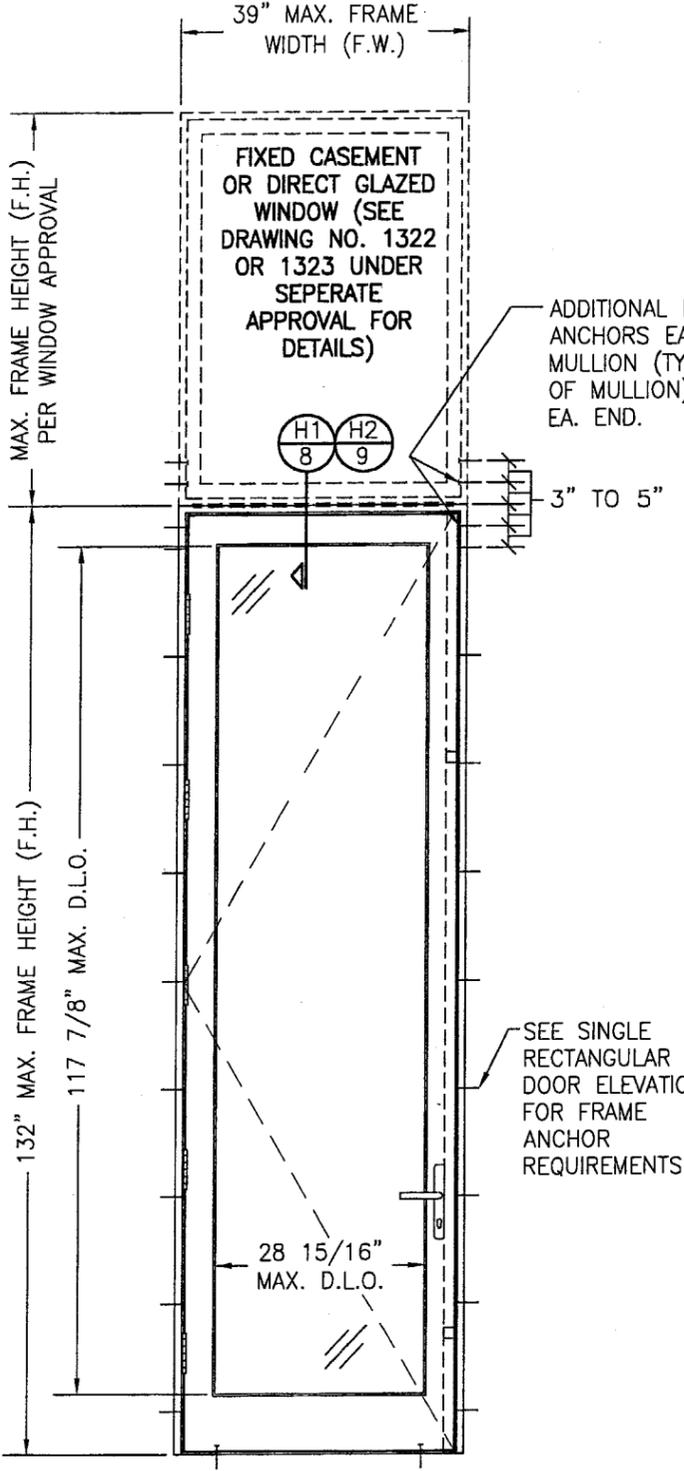
Approved as complying with the
Florida Building Code
Date: 08/18/05
NOA# 05-0622-02
Miami Dade Product Control
Division
By: *Warren W. Schaefer*

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/22/05	
NO.	REVISION DESCRIPTION	BY	DATE
AMERICAN OUT-SWING IMPACT WOOD DOORS 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 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1324		REV.	
SHEET NO. 2		OF 12	



**EXTERIOR ELEVATION
DOUBLE DOOR WITH TRANSOM**
SCALE: 3/4" = 1'-0"

SEE DOUBLE RECTANGULAR DOOR ELEVATION FOR DOOR DETAIL NOT SHOWN

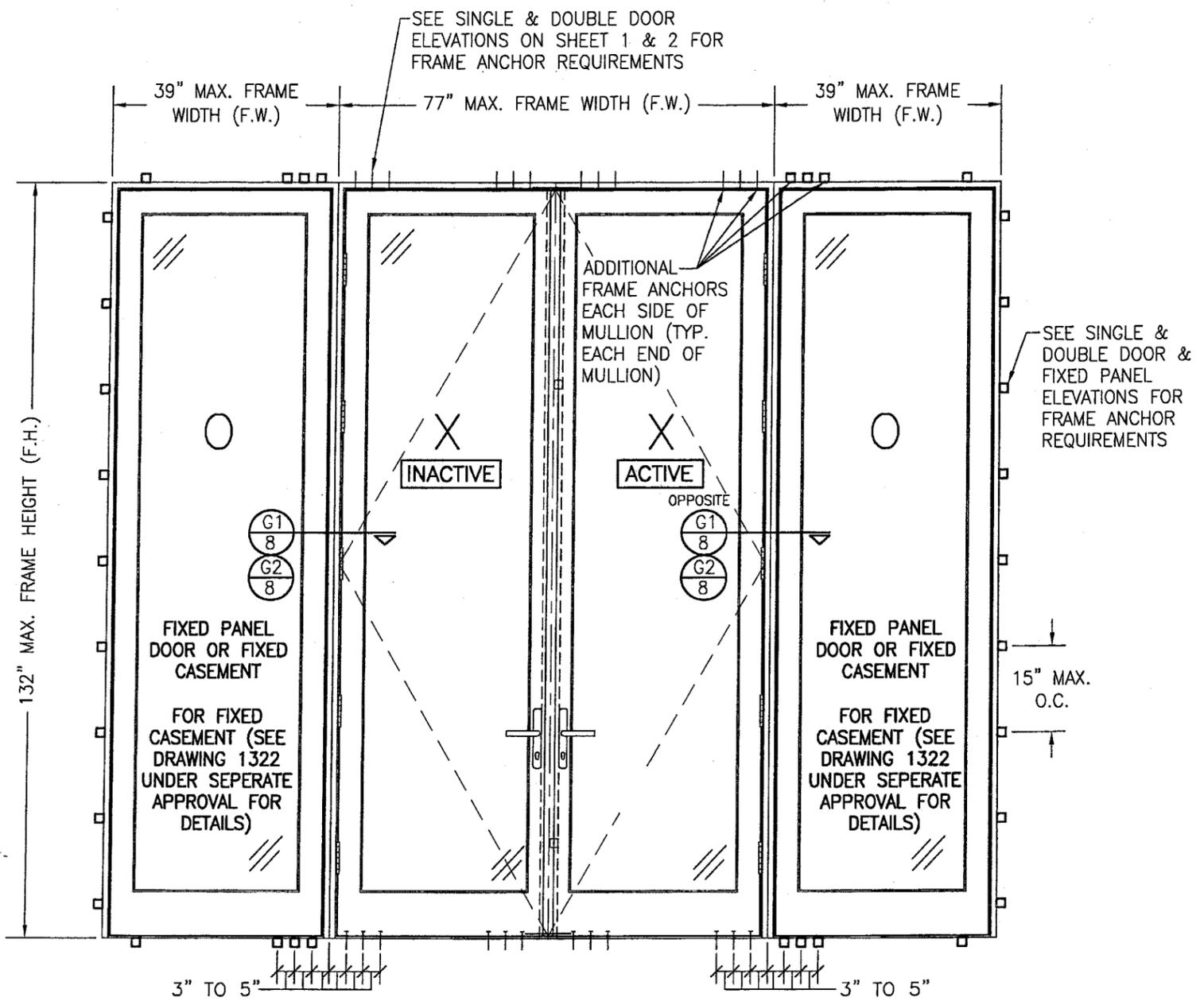


**EXTERIOR ELEVATION
SINGLE DOOR WITH TRANSOM**
SCALE: 3/4" = 1'-0"

SEE SINGLE RECTANGULAR DOOR ELEVATION FOR DOOR DETAIL NOT SHOWN
NOTE: DOOR MAY ALSO BE A FIXED PANEL DOOR

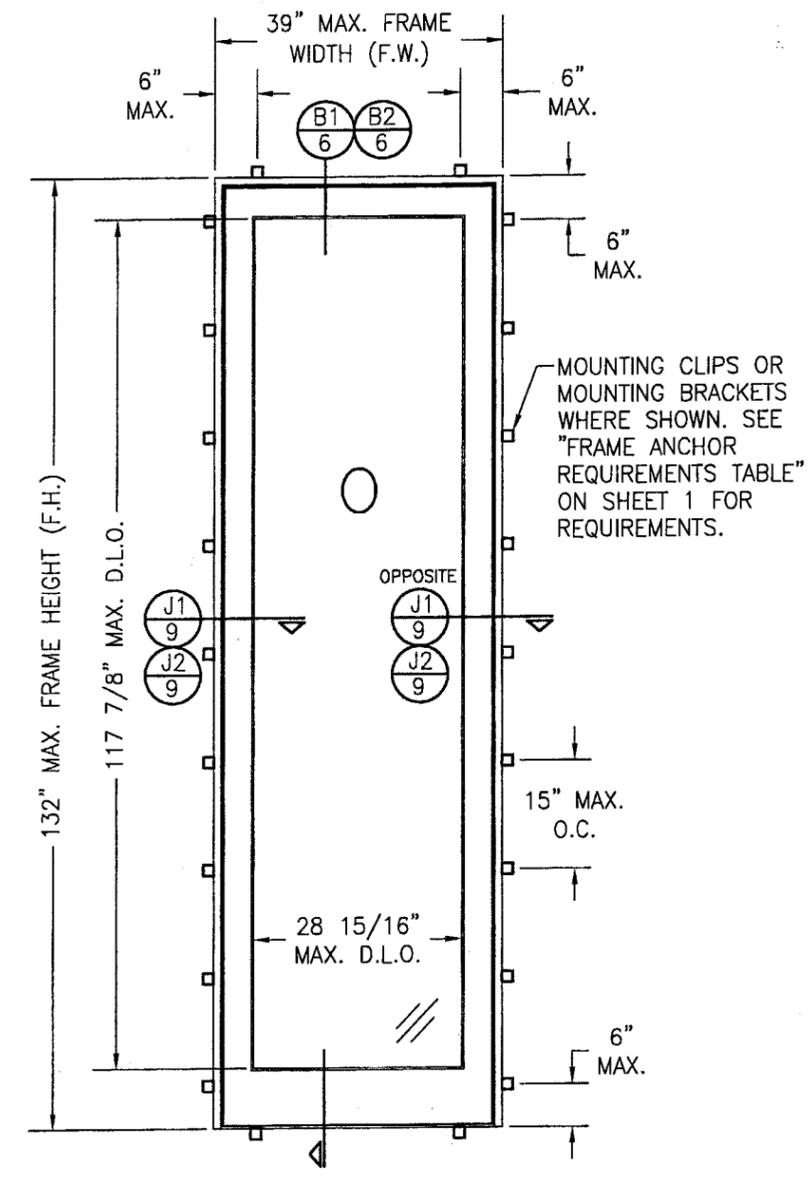
Approved as complying with the Florida Building Code
Date 08/18/05
NOA# 05-002202
Miami Dade Product Control
Division
By W. Schaefer

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 3/22/05	
NO.	DATE	BY	REVISION DESCRIPTION
AMERICAN OUT-SWING IMPACT WOOD DOORS			
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 <u>WARREN W. SCHAEFER, P.E.</u> P.E. NO. 44135 <u>JUL 14 2005</u>			
DRAWING NO. 1324		REV.	
SHEET NO. 3		OF 12	



**EXTERIOR ELEVATION
DOUBLE OUTSWING DOOR WITH SIDELITES**
SCALE: 3/4" = 1'-0"

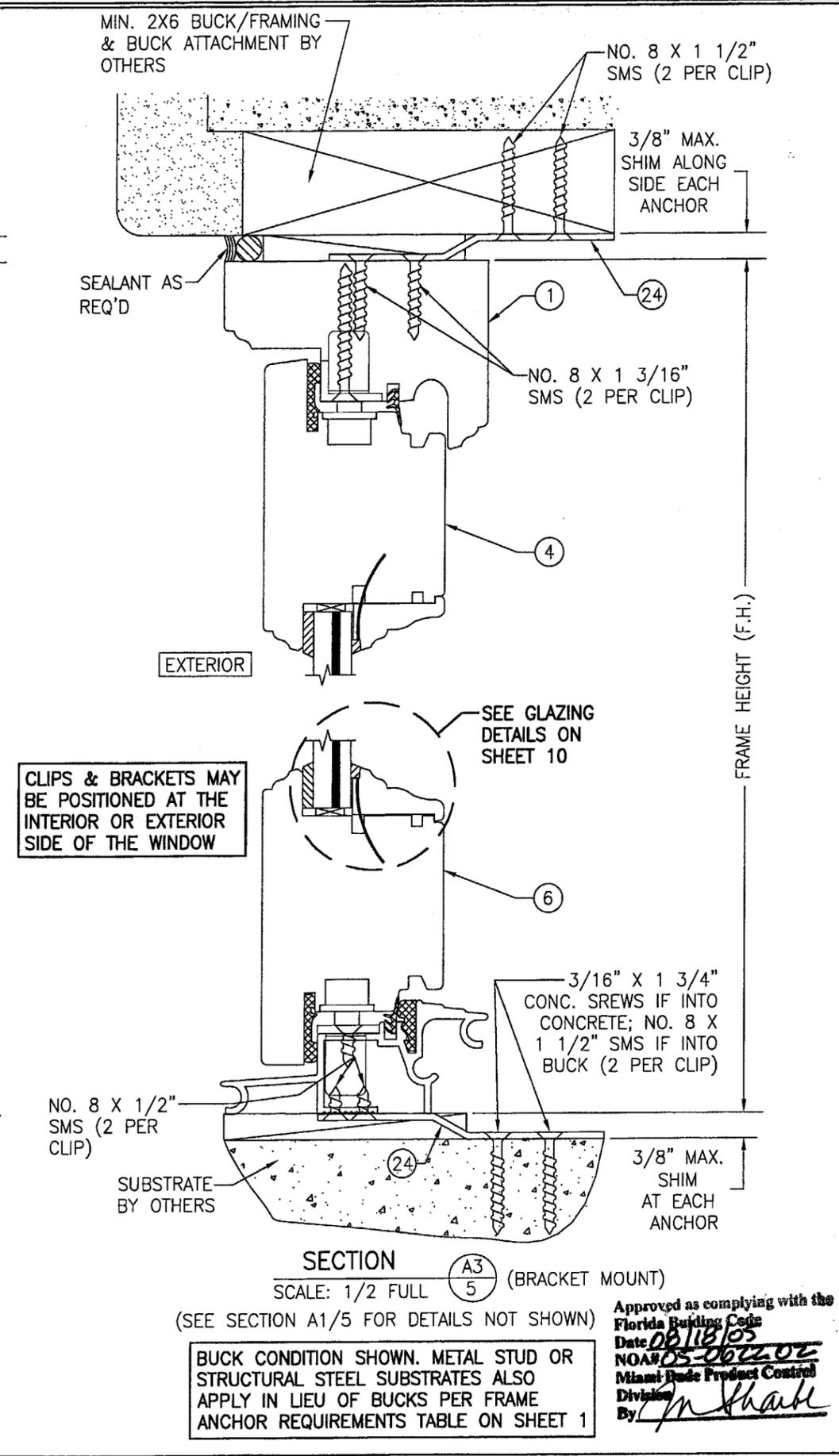
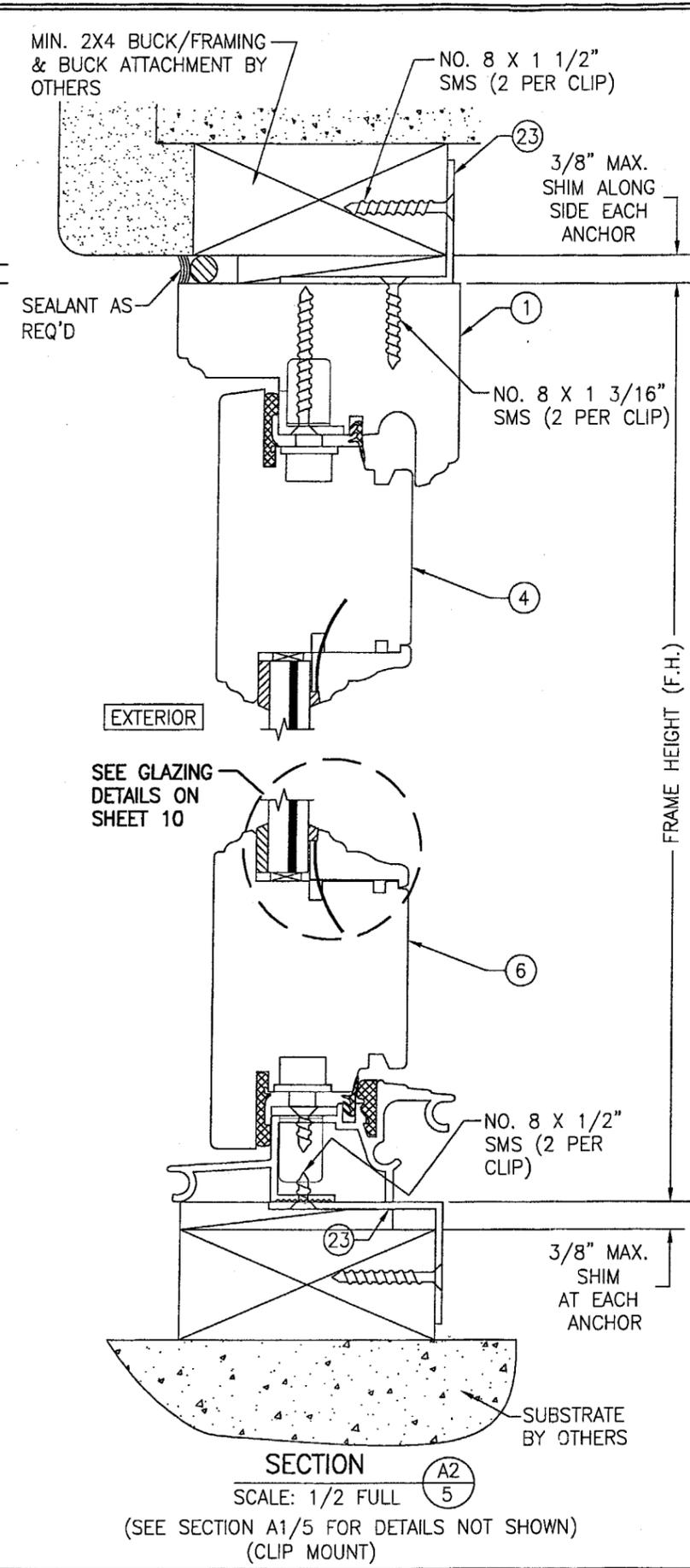
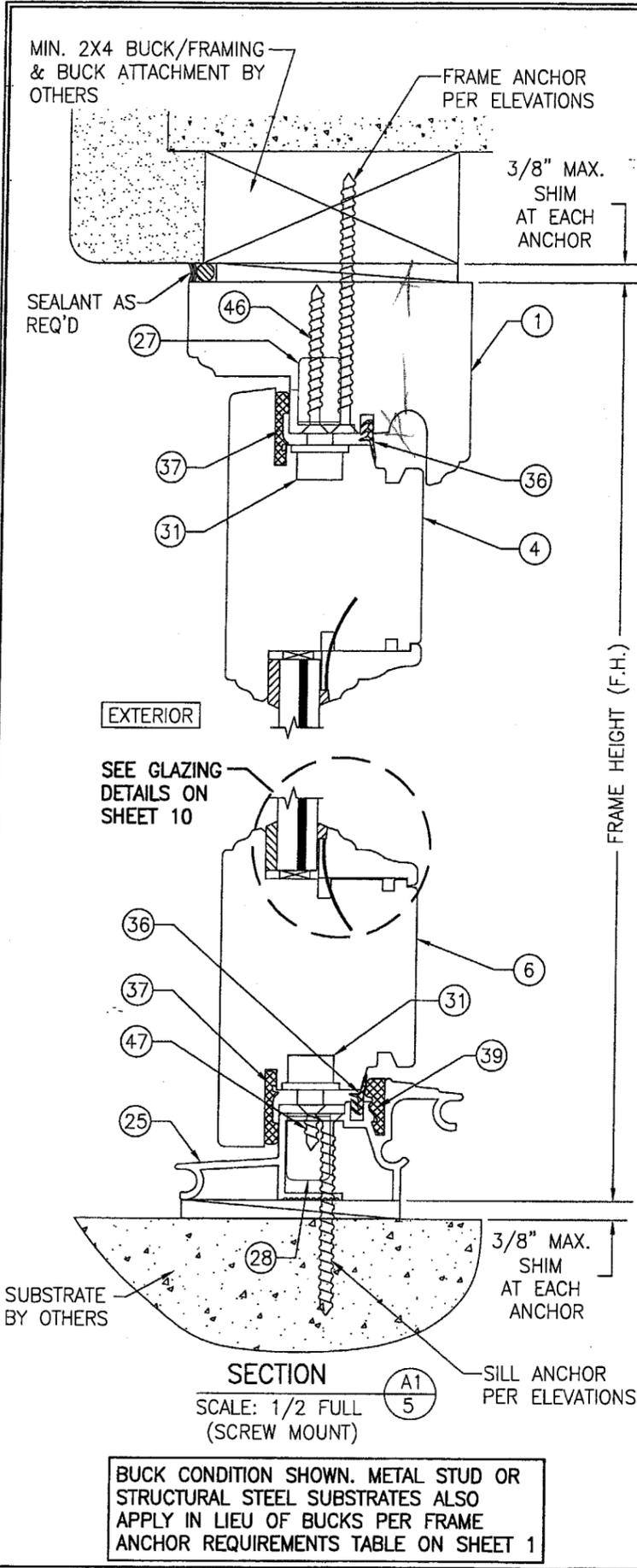
SEE DOUBLE & SINGLE DOOR ELEVATIONS FOR DETAIL NOT SHOWN
(OXXO UNIT SHOWN. ALL OTHER FIXED/OPERABLE COMBINATIONS ALSO APPLY WITH THE MULLION CONDITIONS SHOWN.)



**EXTERIOR ELEVATION
SINGLE FIXED PANEL**
SCALE: 3/4" = 1'-0"

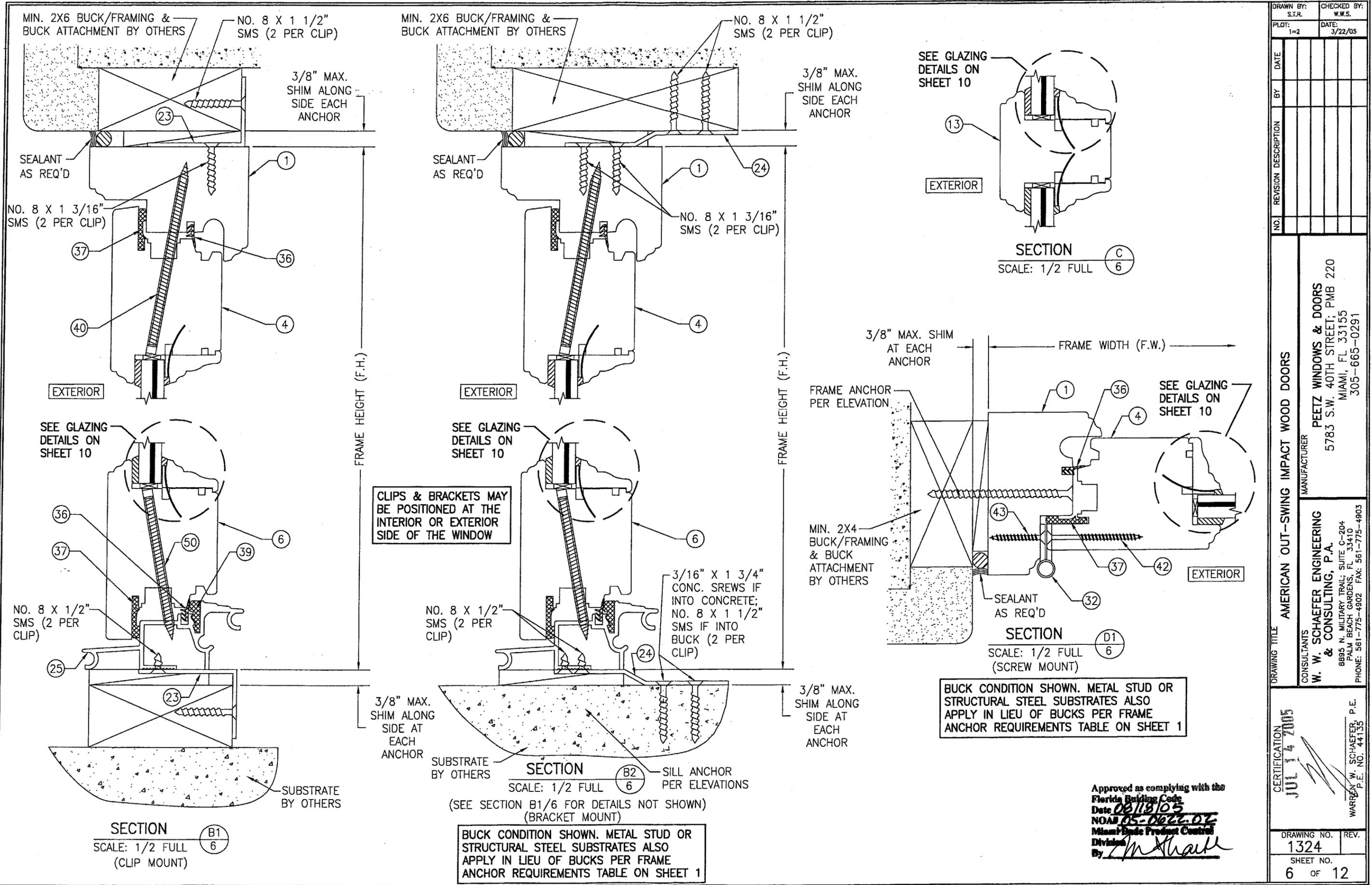
Approved as complying with the Florida Building Code.
Date 08/18/05
NOAH 05-0622.02
Miami Dade Product Control
Division
By *M. Shaub*

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 3/22/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE AMERICAN OUT-SWING IMPACT WOOD DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4802 FAX: 561-775-4803		MANUFACTURER PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET, PMB 220 MIAMI, FL 33155 305-665-0291	
CERTIFICATION JUL 14 2005 W. W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1324	
SHEET NO. 4		REV. OF 12	

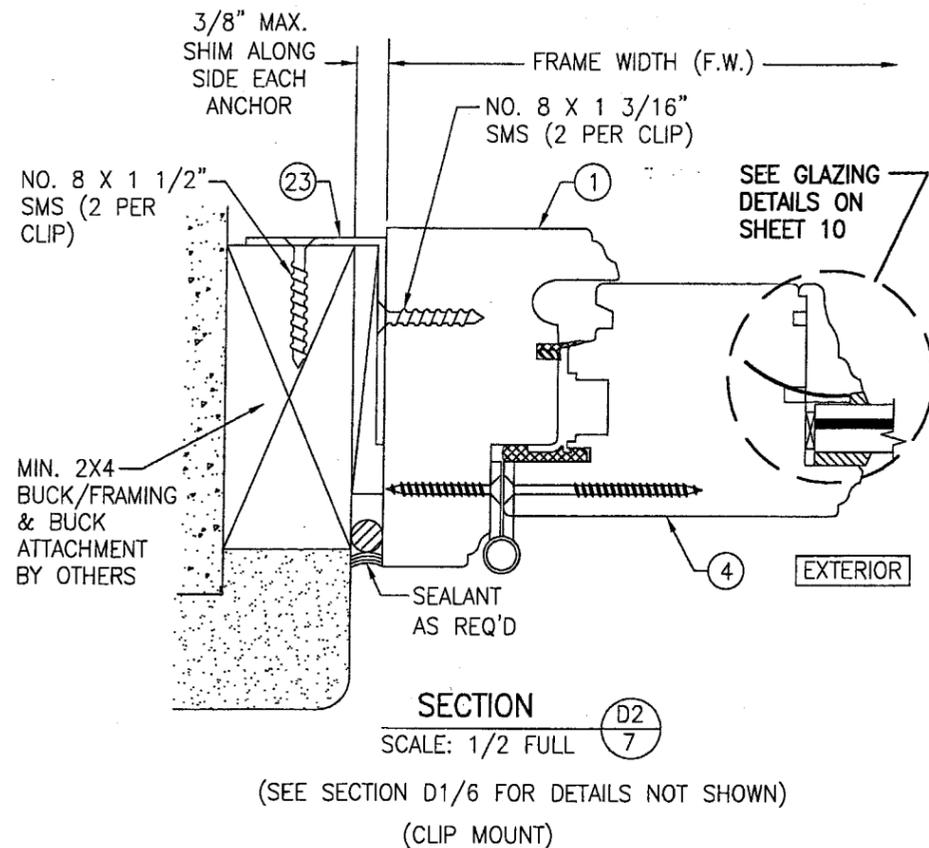


DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN OUT-SWING IMPACT WOOD DOORS			
MANUFACTURER: PEETZ WINDOWS & DOORS			
5783 S.W. 40TH STREET; PMB 220			
MIAMI, FL 33155			
305-665-0291			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.			
8895 N. MILITARY TRAIL; SUITE C-204			
PALM BEACH GARDENS, FL 33410			
PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION		WARREN W. SCHAEFER, P.E.	
JUL 14 2005		P.E. NO. 44135	
DRAWING NO. 1324		REV.	
SHEET NO. 5		OF 12	

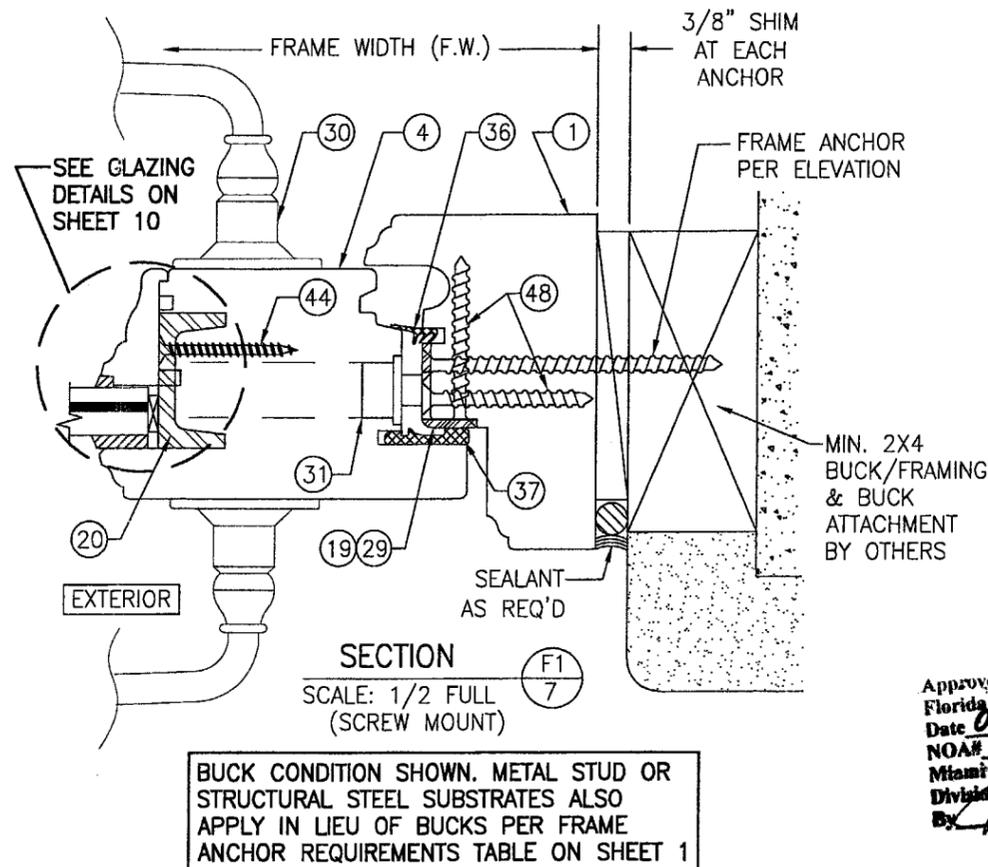
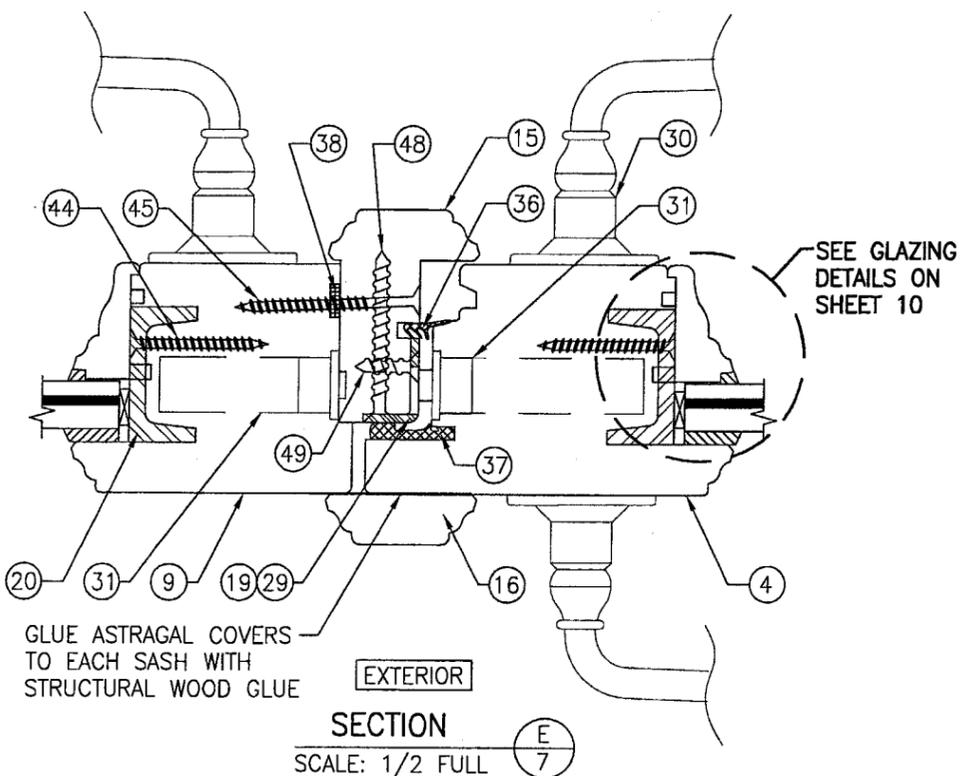
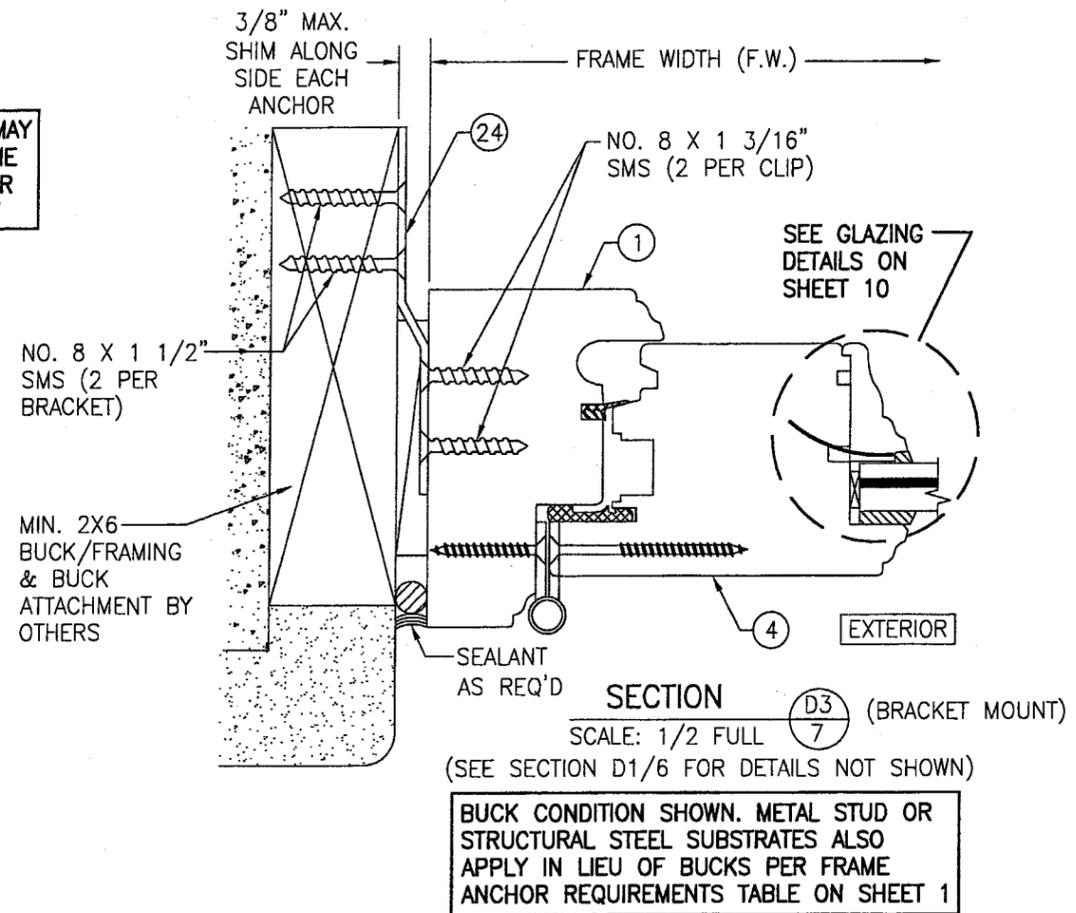
Approved as complying with the Florida Building Code
 Date 06/18/05
 NOA# 05-062202
 Miami Code Product Control
 Division
 By: *m. shank*



DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 3/22/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE AMERICAN OUT-SWING IMPACT WOOD DOORS	
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. 1324	REV.
SHEET NO. 6	OF 12

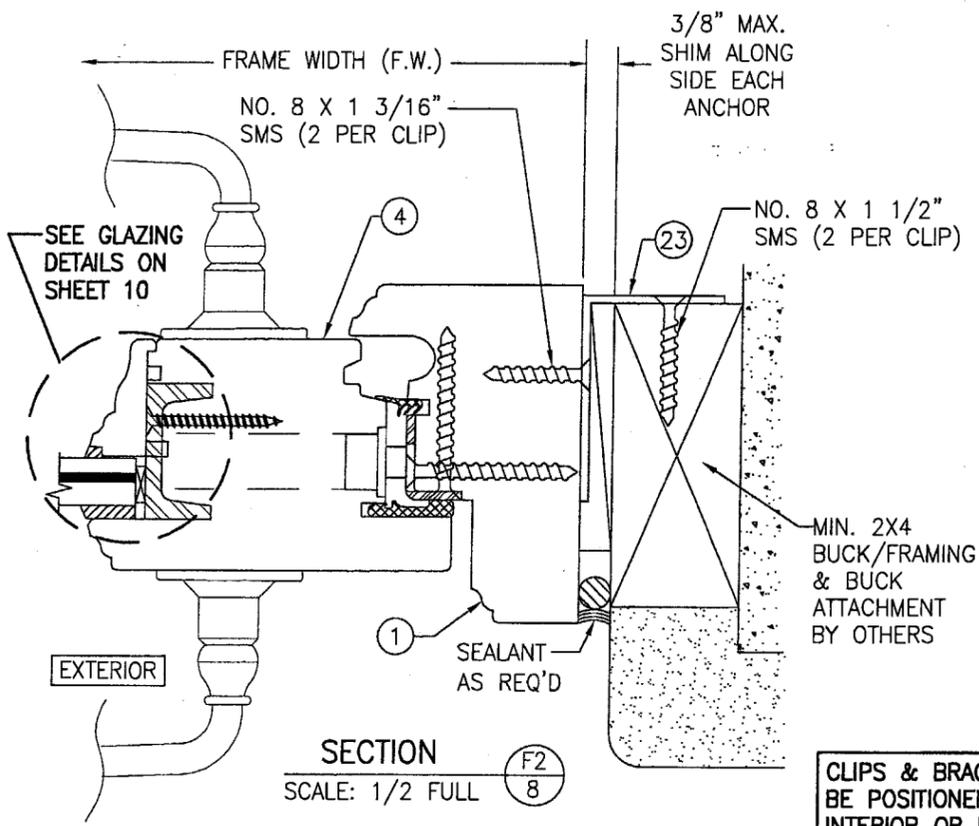


CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW



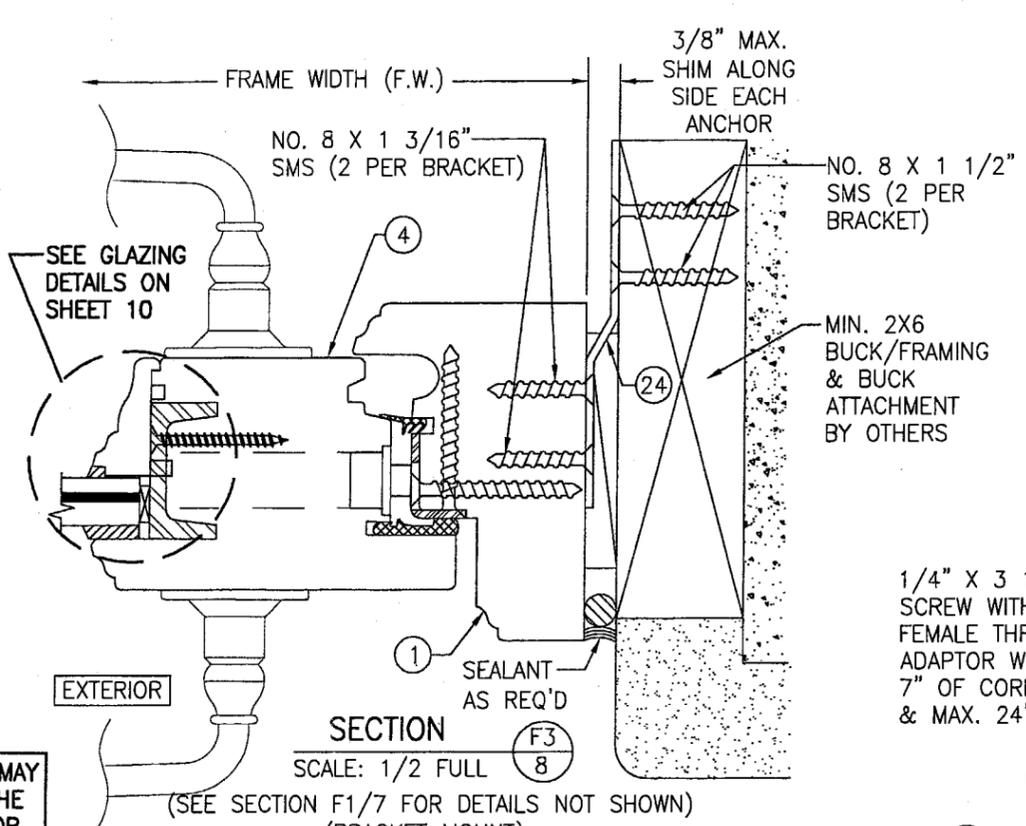
Approved as complying with the Florida Building Code
Date 08/18/05
NOA# 05-0626-07
Miami Dade Product Council
Division
By *[Signature]*

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/22/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN OUT-SWING IMPACT WOOD DOORS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		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. 1324		REV.	
SHEET NO. 7 OF 12			



SECTION F2
SCALE: 1/2 FULL

(SEE SECTION F1/7 FOR DETAILS NOT SHOWN)
(CLIP MOUNT)

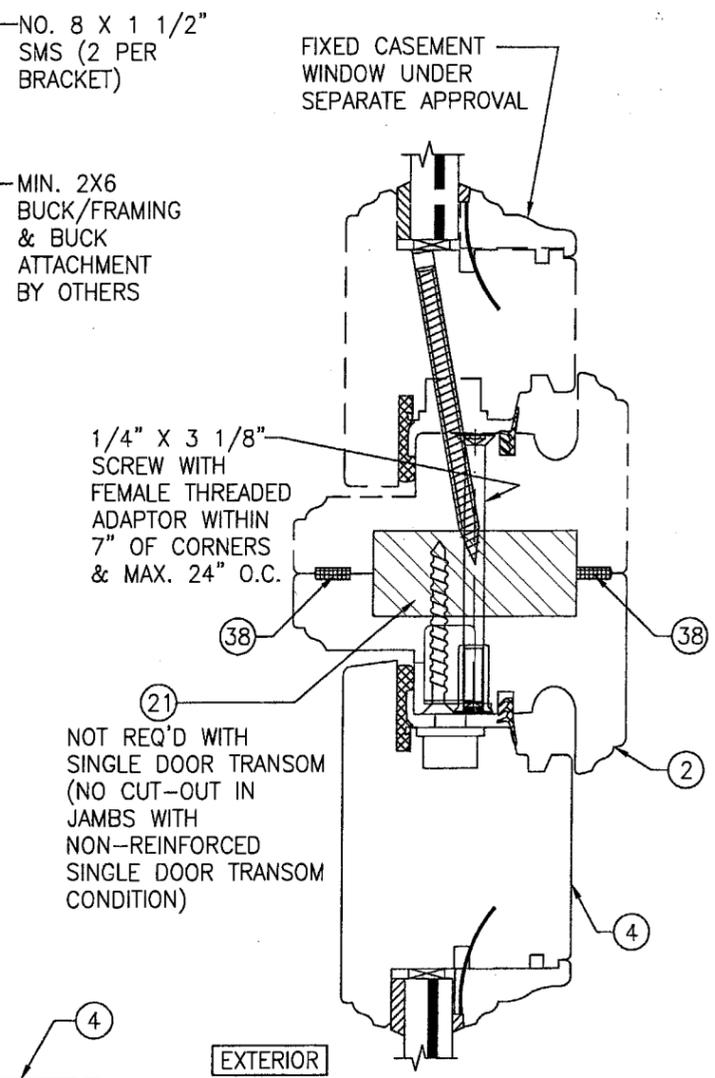


SECTION F3
SCALE: 1/2 FULL

(SEE SECTION F1/7 FOR DETAILS NOT SHOWN)
(BRACKET MOUNT)

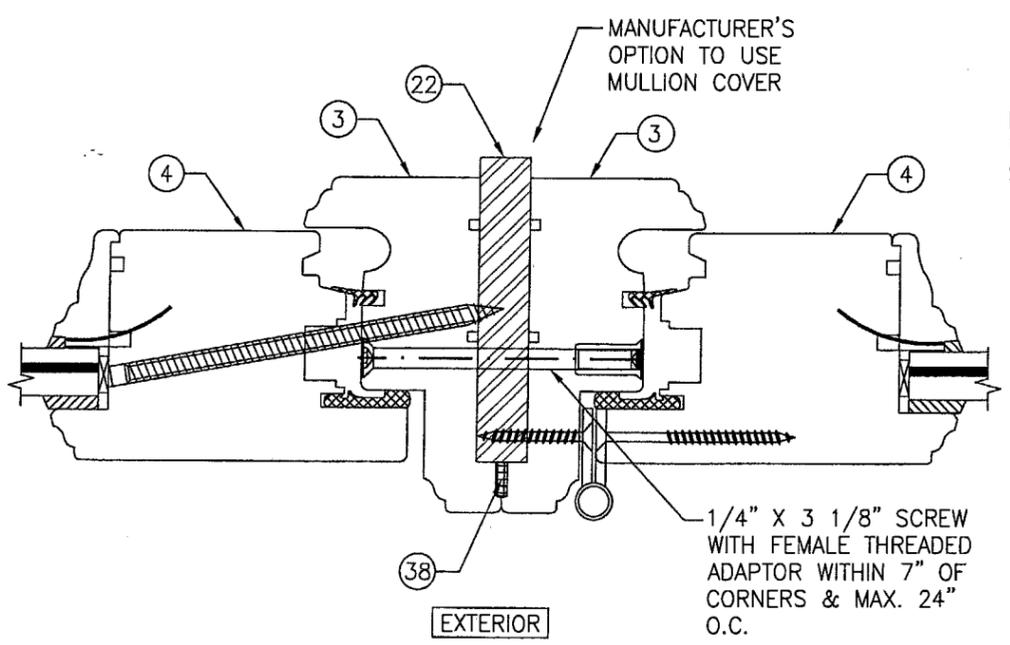
CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW

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



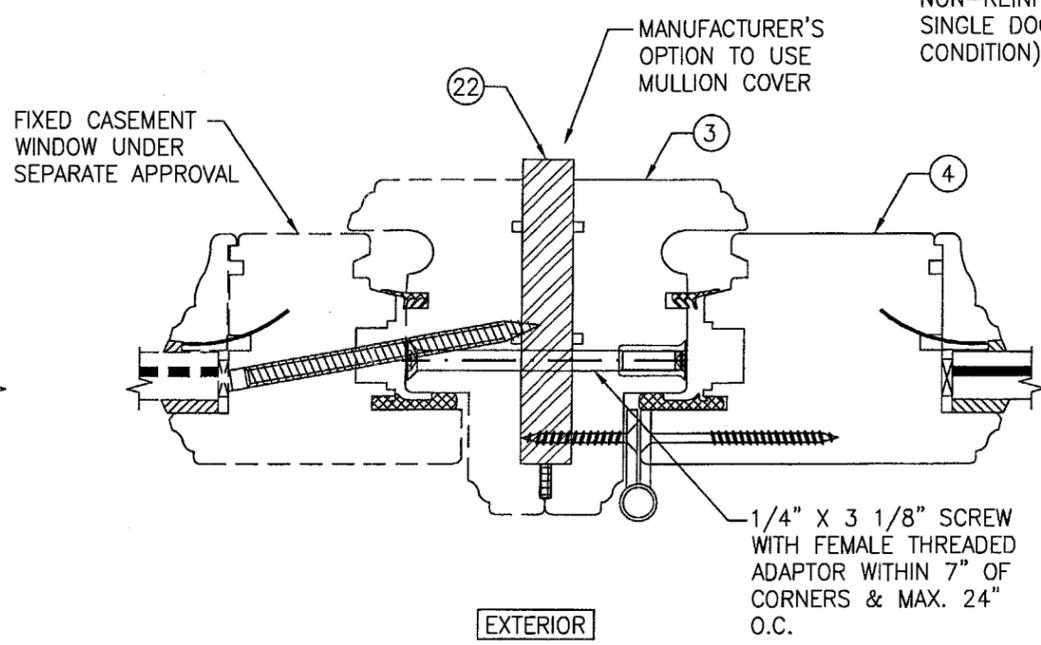
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(SEE OTHER SECTION FOR DETAIL NOT SHOWN)



SECTION G1
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(SEE OTHER SECTIONS FOR DETAIL NOT SHOWN)

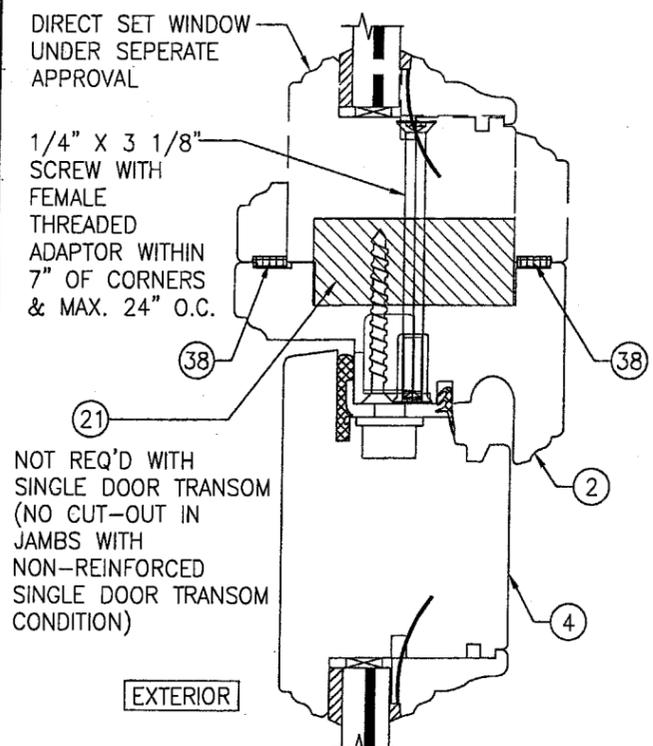


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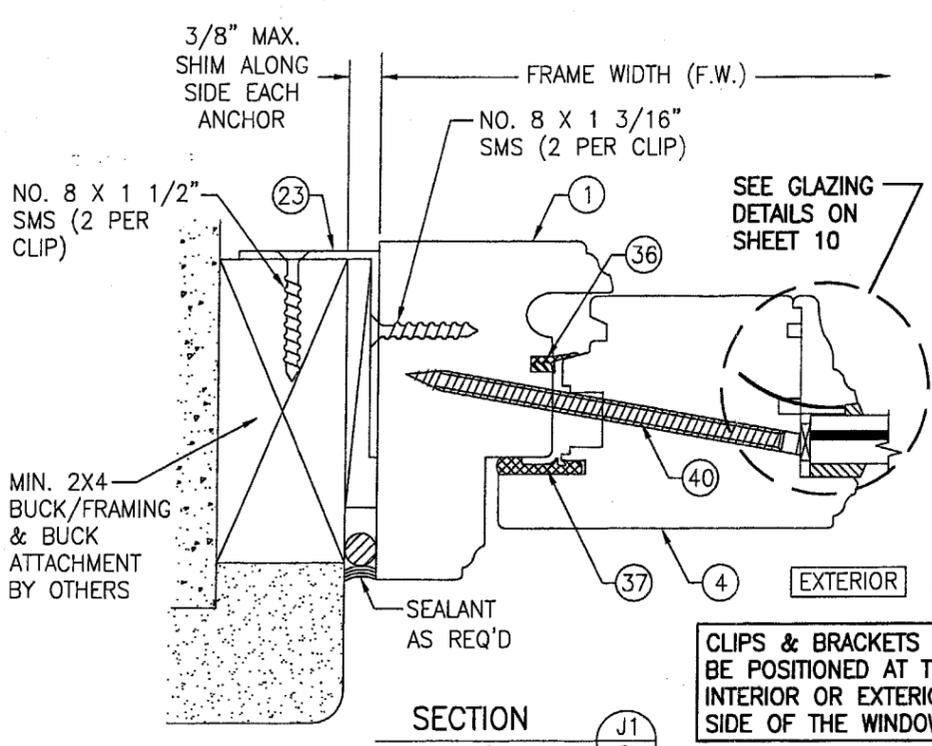
(SEE OTHER SECTIONS FOR DETAIL NOT SHOWN)

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Date 08/18/05
NOA# 05-0622-03
Miami Dade Product Control Division
By *[Signature]*

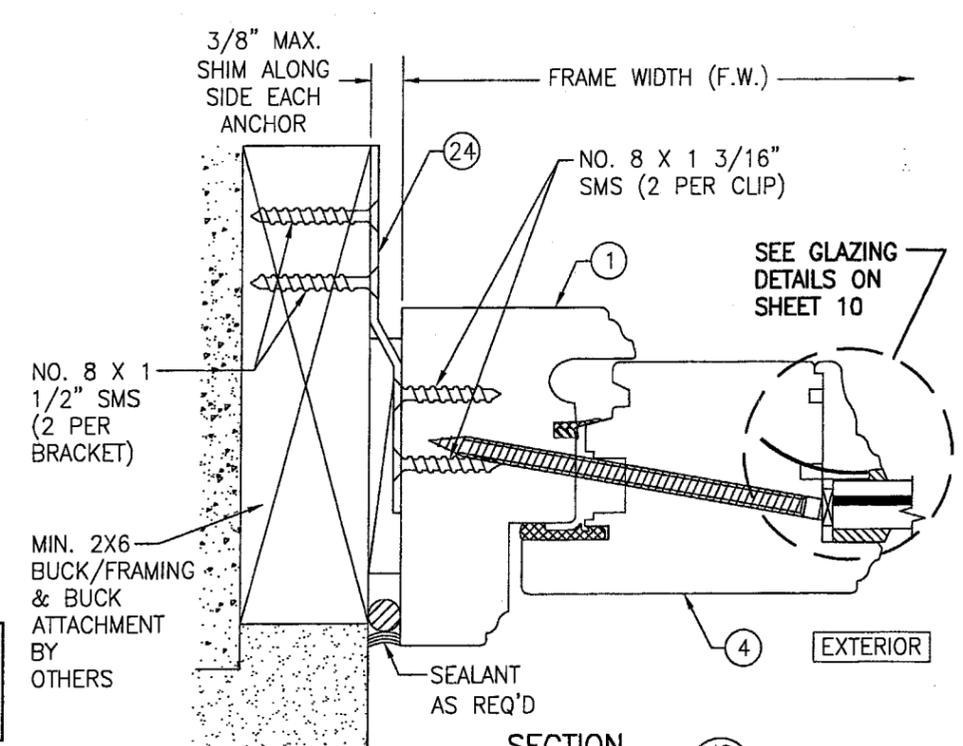
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/22/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN OUT-SWING IMPACT WOOD DOORS			
CONSULTANTS: PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET; PMB 220 MIAMI, FL 33155 305-665-0291			
MANUFACTURER: W. W. SCHAEFER ENGINEERING & CONSULTING, 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 WARREN W. SCHAEFER, P.E. P.E. NO. 44133			
DRAWING NO. 1324		REV.	
SHEET NO. 8		OF 12	



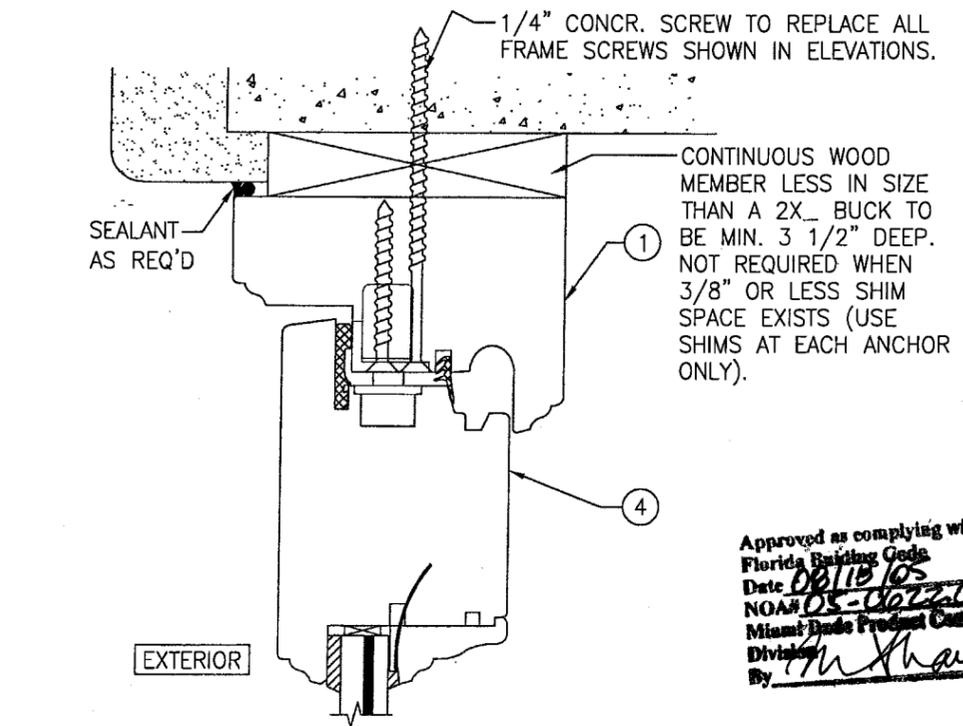
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(SEE OTHER SECTION FOR DETAIL NOT SHOWN)



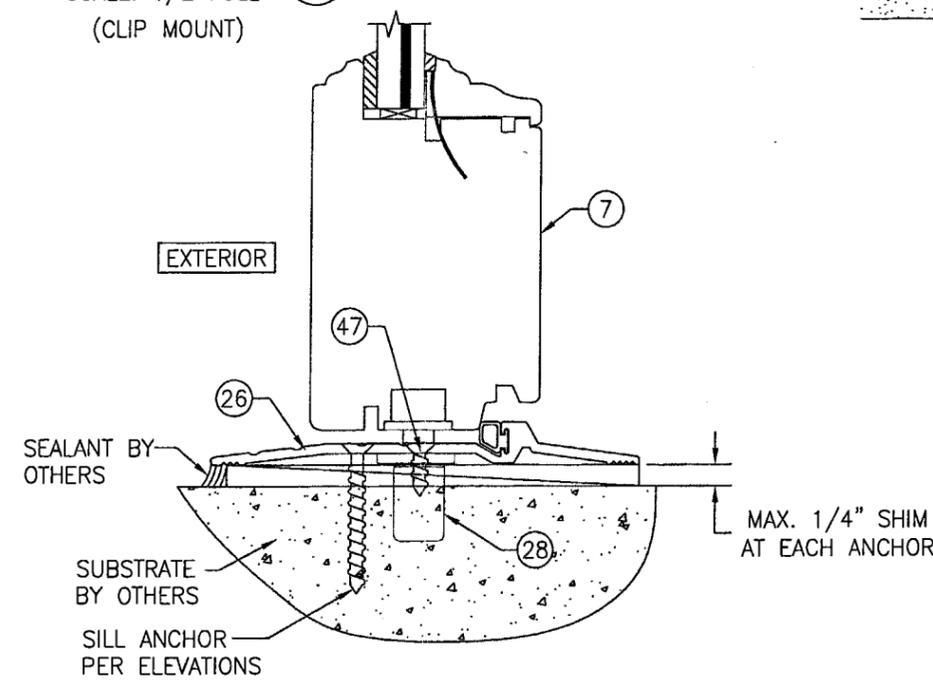
SECTION J1
SCALE: 1/2 FULL
(CLIP MOUNT)



SECTION J2
SCALE: 1/2 FULL
(BRACKET MOUNT)
(SEE SECTION J1/9 FOR DETAILS NOT SHOWN)

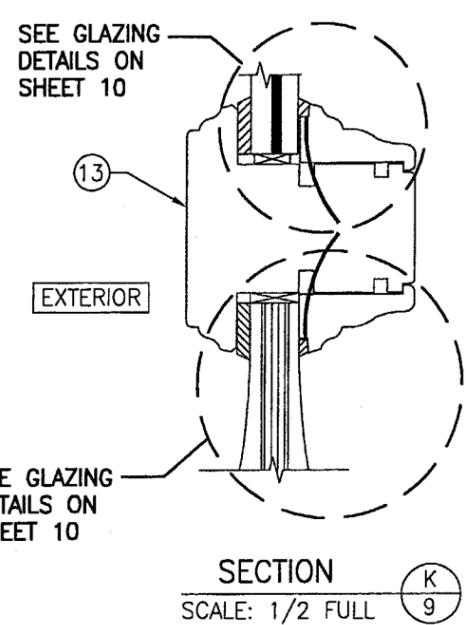


OPTIONAL DIRECT MOUNT DETAIL
TO BLOCK OR CONCRETE WITH SPACER OR SHIM
HEAD SECTION SHOWN, SIDES AND SILL SIMILAR



OPTIONAL ADA THRESHOLD DETAIL
NOTE: DOORS WITH ADA SILLS SHALL NOT BE WATER RATED.
(1) POSITIVE PRESSURE NOTE: DOORS ARE APPROVED FOR WATER INFILTRATION RESISTANCE WHEN THE BUMPER THRESHOLD (ITEM 25) IS USED. WHEN THE "ADA" THRESHOLD IS USED, THESE DOORS ARE NOT APPROVED FOR WATER INFILTRATION RESISTANCE UNLESS THE UNITS ARE INSTALLED IN A NON-HABITABLE AREA WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION. OTHERWISE, THE DOORS MUST BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF THE CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES.

Approved as complying with the Florida Building Code
Date 06/18/05
NOAH OS-06/22/07
Miami Trade Product Control
Division
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SECTION K
SCALE: 1/2 FULL

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PLOT: 1=2		DATE: 3/22/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: AMERICAN OUT-SWING IMPACT WOOD DOORS			
CONSULTANTS: PEETZ WINDOWS & DOORS 5783 S.W. 40TH STREET; PMB 220 MIAMI, FL 33155 305-665-0291			
DRAWING TITLE: 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		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1324		REV.	
SHEET NO. 9		OF 12	

1/2" LAMINATED GLASS
(SEE OPTIONS BELOW)

STRUCTURAL SILICONE (ELASTOSIL SG20 BY WACKER)

5/8" MIN. BITE

GLASS SHIM AS REQUIRED

3/16" TEMPERED GLASS

OPTIONAL NON-STRUCTURAL SILICONE CAP BEAD

SPOT OF POLYURETHANE ADHESIVE (OTTOCOLL P85 BY OTTO-CHEMIE OR EQUIVALENT) AT ENDS AND 16" MAX. O.C.

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

1/2" PLYWOOD (0.472")

STRUCTURAL SILICONE (ELASTOSIL SG20 BY WACKER)

5/8" MIN. BITE

PANEL SHIM AS REQUIRED

1.181"

0.364" THICK POLYSTYROL INSULATION MATERIAL

5/16" PLYWOOD (0.315")

OPTIONAL NON-STRUCTURAL SILICONE CAP BEAD

SPOT OF POLYURETHANE ADHESIVE (OTTOCOLL P85 BY OTTO-CHEMIE OR EQUIVALENT) AT ENDS AND 16" MAX. O.C.

FLUSH PANEL GLAZING DETAIL

1/2" LAMINATED GLASS
(SEE OPTIONS BELOW)

STRUCTURAL SILICONE (ELASTOSIL SG20 BY WACKER)

5/8" MIN. BITE

GLASS SHIM AS REQUIRED

3/16" TEMPERED GLASS

OPTIONAL NON-STRUCTURAL SILICONE CAP BEAD

SPOT OF POLYURETHANE ADHESIVE (OTTOCOLL P85 BY OTTO-CHEMIE OR EQUIVALENT) AT ENDS AND 16" MAX. O.C.

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)

1.477"

STRUCTURAL SILICONE (ELASTOSIL SG20 BY WACKER)

5/8" MIN. BITE

PANEL SHIM AS REQUIRED

0.581" 0.581"

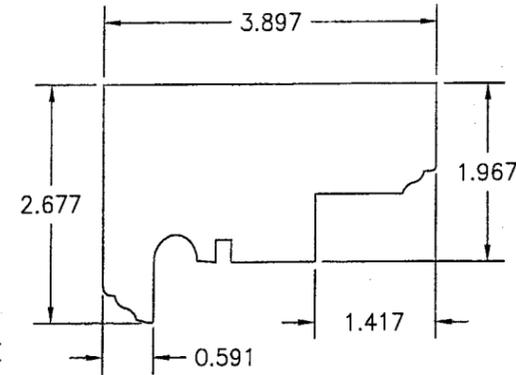
5/16" PLYWOOD (0.315")

MAHOGANY

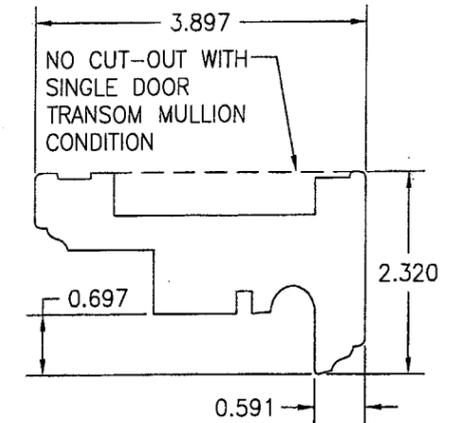
OPTIONAL NON-STRUCTURAL SILICONE CAP BEAD

SPOT OF POLYURETHANE ADHESIVE (OTTOCOLL P85 BY OTTO-CHEMIE OR EQUIVALENT) AT ENDS AND 16" MAX. O.C.

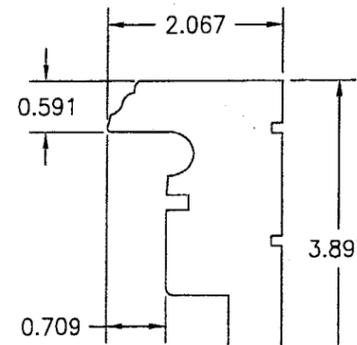
RAISED PANEL GLAZING DETAIL



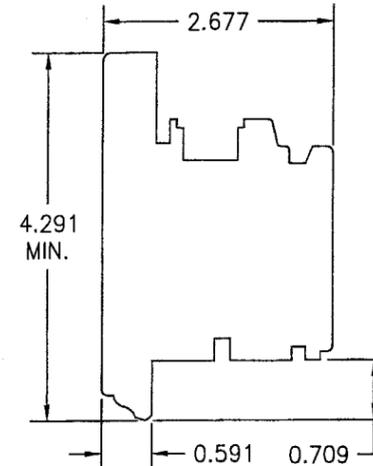
1 HEAD AND SIDE JAMB



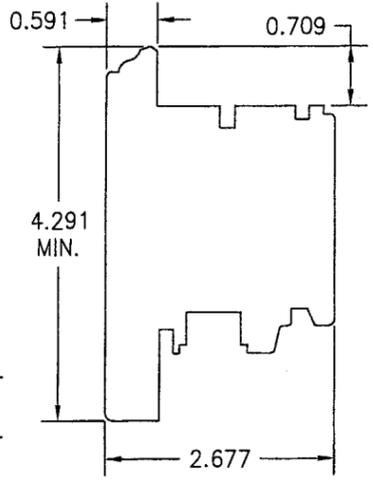
2 MULLION HEAD JAMB



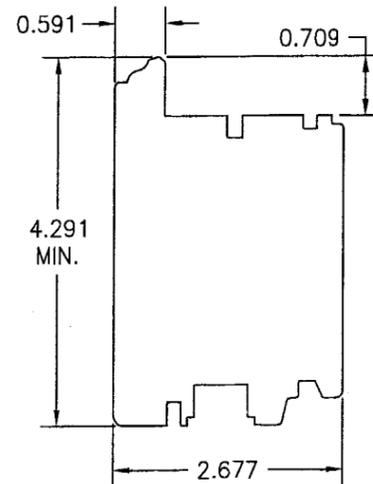
3 MULLION SIDE JAMB



4 STILE AND TOP RAIL



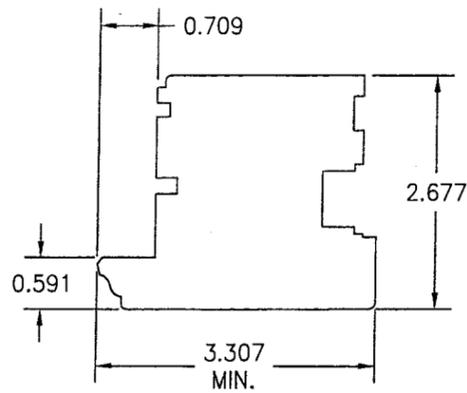
6 BOTTOM RAIL (BUMPER SILL)



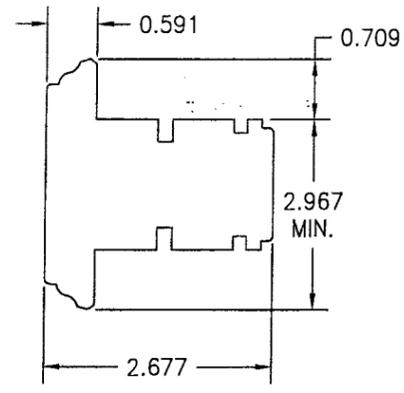
7 BOTTOM RAIL (ADA SILL)

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Date 08/18/05
NOAH 05-0622-02
Miami Dade Product Control Division
By [Signature]

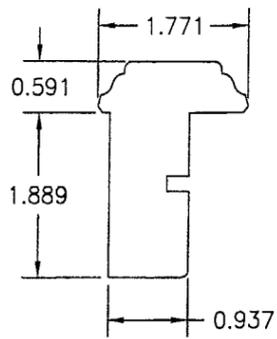
DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 3/22/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
<p>AMERICAN OUT-SWING IMPACT WOOD DOORS</p> <p>MANUFACTURER</p> <p>PEETZ WINDOWS & DOORS</p> <p>5783 S.W. 40TH STREET; PMB 220</p> <p>MIAMI, FL 33155</p> <p>305-665-0291</p>	
<p>CONSULTANTS</p> <p>W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.</p> <p>8895 N. MILITARY TRAIL, SUITE C-204</p> <p>PALM BEACH GARDENS, FL 33410</p> <p>PHONE: 561-775-4902 FAX: 561-775-4903</p>	
<p>DRAWING TITLE</p> <p>AMERICAN OUT-SWING IMPACT WOOD DOORS</p>	
<p>CERTIFICATION</p> <p><u>JUL 14 2005</u></p> <p>WARREN W. SCHAEFER, P.E.</p> <p>P.E. NO. 44135</p>	
DRAWING NO.	REV.
1324	
SHEET NO.	
10	OF 12



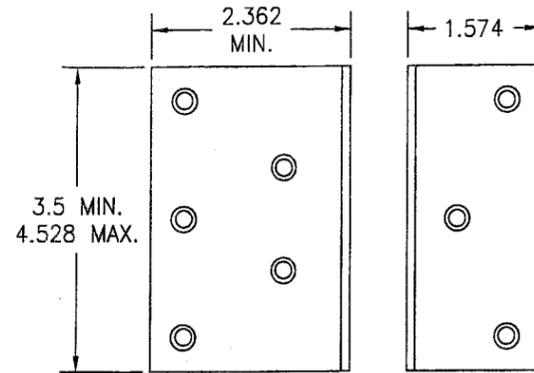
9 MEETING STILE



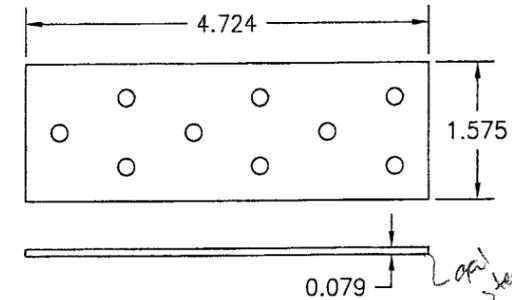
13 MID RAIL



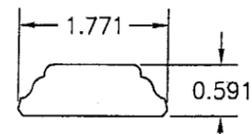
15 ASTRAGAL (INACTIVE LEAF)



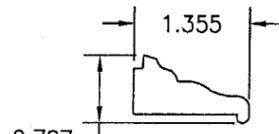
23 FRAME INSTALLATION CLIP



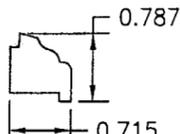
24 FRAME INSTALLATION BRACKET



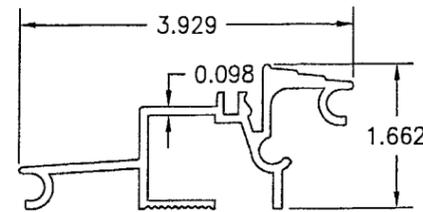
16 ASTRAGAL COVER (ACTIVE LEAF)



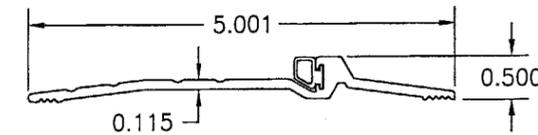
17 NON-I.G. GLAZING BEAD



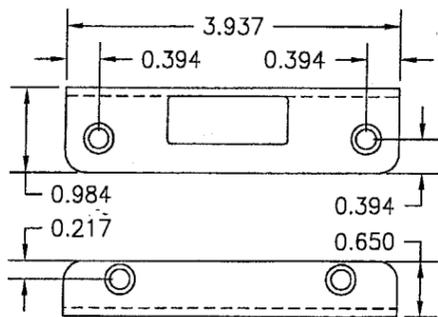
18 I.G. GLAZING BEAD



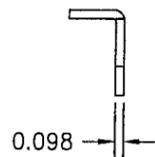
25 OUTSWING BUMPER THRESHOLD



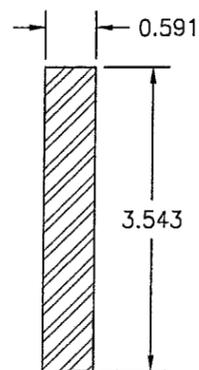
26 ADA THRESHOLD



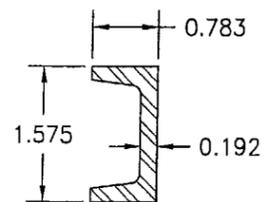
19 STRIKE PLATE



21 TRANSOM MULLION REINFORCEMENT



22 VERTICAL MULLION REINFORCEMENT



20 STILE REINFORCEMENT

Approved as complying with the Florida Building Code
 Date: 08/18/05
 NOA# 05-0622-02
 Miami-Dade Product Control Division
 By: *M. Sharr*

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 3/22/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN OUT-SWING IMPACT WOOD DOORS			
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.	REV.		
1324			
SHEET NO.			
11	OF 12		

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD AND SIDE JAMB	MAHOGANY
2	MULLION HEAD JAMB	MAHOGANY
3	MULLION SIDE JAMB	MAHOGANY
4	TOP RAIL AND STILE (OUTSWING)	MAHOGANY
6	BOTTOM RAIL (OUTSWING)	MAHOGANY
7	BOTTOM RAIL (OUTSWING)	MAHOGANY
9	MEETING STILE (OUTSWING)	MAHOGANY
13	MID RAIL	MAHOGANY
15	ASTRAGAL (INACTIVE LEAF)	MAHOGANY
16	ASTRAGAL COVER (ACTIVE LEAF)	MAHOGANY
17	NON-I.G. GLAZING BEAD	MAHOGANY
18	I.G. GLAZING BEAD	MAHOGANY
19	0.984 X 3.937 X 0.098 STRIKE PLATE	GU (KFV) S.S.
20	STILE REINFORCEMENT	A36 STEEL (ONLY REQ'D W/DOORS TALLER THAN 96")
21	TRANSOM MULLION REINFORCEMENT	A36 STEEL
22	VERTICAL MULLION REINFORCEMENT	A36 STEEL
23	FRAME INSTALLATION CLIP	GALVANIZED 34.1 KSI STEEL
24	FRAME INSTALLATION BRACKET	GALVANIZED 34.1 KSI STEEL
25	OUTSWING BUMBER THRESHOLD	BRONZE BY PEETZ
26	ADA THRESHOLD	PEMKO BRONZE
27	0.906 X 9.843 X 0.118 TOP STRIKE PLATE	S.S. BY PEETZ
28	0.906 X 9.843 X 0.118 SILL STRIKE PLATE	BRONZE OR S.S. BY PEETZ
29	0.984 X 9.843 X 0.098 LATCH/ DEADBOLT STRIKE PLATE	S.S. BY GU (KFV)
HARDWARE		
30	LOCK HANDLE	AS REQUIRED TO OPERATE LOCKS
31	MULTI-POINT LOCK SYSTEM	KFV OR HOPPE 5-POINT LOCK AT DOUBLE DOOR ACTIVE PANEL KFV OR HOPPE 2-POINT LOCK AT DOUBLE DOOR INACTIVE PANEL KFV OR HOPPE 4-POINT LOCK AT SINGLE ACTIVE DOOR (3-POINT WITH DOORS LESS THAN 10' TALL)
32	HINGE	BRASS 2 1/4" X 5 1/2"
SEALS AND SEALANTS		
36	SWEEP	GTG EDPM
37	COMPRESSION SEAL	SCHLEGEL
38	3/8" X 3/16" PRECOM PRESSED TAPE	N/A
39	COMPRESSION SEAL	SCHLEGEL

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.

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
FASTENERS		
40	.295" X 4 7/16" AMO III GALVANIZED STEEL SCREWS	5 1/2" FROM INTERIOR CORNERS & 14" O.C. AT HEAD AND JAMBS
41	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)
42	3/16" X 2 3/4" SCREW	4 PER HINGE (@ PANEL)
43	3/16" X 1 3/16" SCREW	4 PER HINGE (@ JAMB)
44	3/16" X 1 3/4" SCREW	5 1/2" FROM INT. CORNER & 14" MAX. O.C.
45	3/16" X 2 3/4" ASTRAGAL SCREW	5 1/2" FROM ENDS & 14" MAX. O.C.
46	#10 X 2" S.S. S.M.S.	5 PER HEAD STRIKE PLATE #27
47	#10 X 5/8" S.S. S.M.S.	4 PER SILL STRIKE PLATE #28
48	#8 X 2" S.S. S.M.S.	@ FRAME: 4 PER STRIKE PLATE #19 7 PER STRIKE PLATE #29 @ ASTRAGAL: 2 PER STRIKE PLATE #19 3 PER STRIKE PLATE #29
49	#8 X 3/4" S.S. S.M.S.	@ ASTRAGAL: 2 PER STRIKE PLATE #19 4 PER STRIKE PLATE #29
50	.295" X 4 7/16" AMO III GALVANIZED STEEL SCREWS	5 1/2" FROM INTERIOR CORNERS & 14" O.C. AT SILL

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/22/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE AMERICAN OUT-SWING IMPACT WOOD DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.			
MANUFACTURER PEETZ WINDOWS & DOORS			
8885 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			
Approved as complying with the Florida Building Code Date 08/18/05 NO. 05-067207 Miami Code Provisions Division By <i>W. Schaefer</i>			
DRAWING NO. 1324			
SHEET NO. 12 OF 12			