



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

NOTICE OF ACCEPTANCE (NOA)

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 and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "American & European, Steel Reinforced" Unclipped Wood Mullion – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1327, titled "American and European Un-Clipped Bar Reinforced Mullions" sheets 1 through 5 of 5 dated 06/22/05, with revision A1 dated 05/04/10, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 NOA # 10-0615.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



NOA No. 11-1024.06
Expiration Date: December 22, 2015
Approval Date: December 29, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. 1327, titled "American and European Un-Clipped Bar Reinforced Mullions" sheets 1 through 5 of 5 dated 06/22/05, with revision A1 dated 05/04/10, 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 (b) and TAS 202-94along with installation diagram of two fixed window mulled units, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0284-1018-04**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA# 05-0726.04)
2. Test reports on:
 - 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with installation diagram of two fixed window mulled units, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0284-0114-05**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA# 05-0726.04)

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, dated 06/23/05 revised on 05/26/10, and updated on 10/19/11, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1024.06

Expiration Date: December 22, 2015
Approval Date: December 29, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

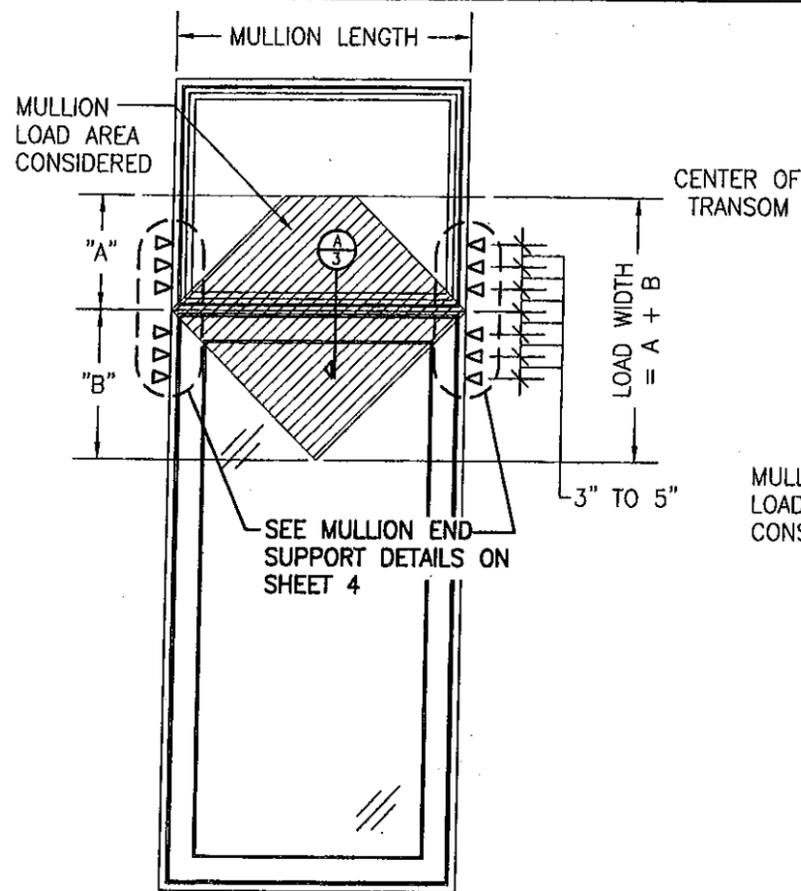
1. Statement letter of conformance, complying with FBC-2007 and FBC-2010, dated 10/19/11, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, conformance and compliance with the FBC-2007, dated 05/27/10, signed and sealed by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 10-06156.08)
3. Laboratory compliance letters for Test Reports No.'s **HTL-0284-1018.04** and **HTL-0284-1018.05**, issued by Hurricane Test Laboratory, LLC, dated 06/03/05, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 05-0726.04)

G. OTHERS

1. Notice of Acceptance No. **10-0615.08**, issued to Peetz Windows and Doors, Inc. for their Series "American and European" Unclipped 90 mm Steel Bar Reinforced Wood Mullion - L.M.I.", approved on 10/20/10 and expiring on 12/22/15.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1024.06

Expiration Date: December 22, 2015
Approval Date: December 29, 2011



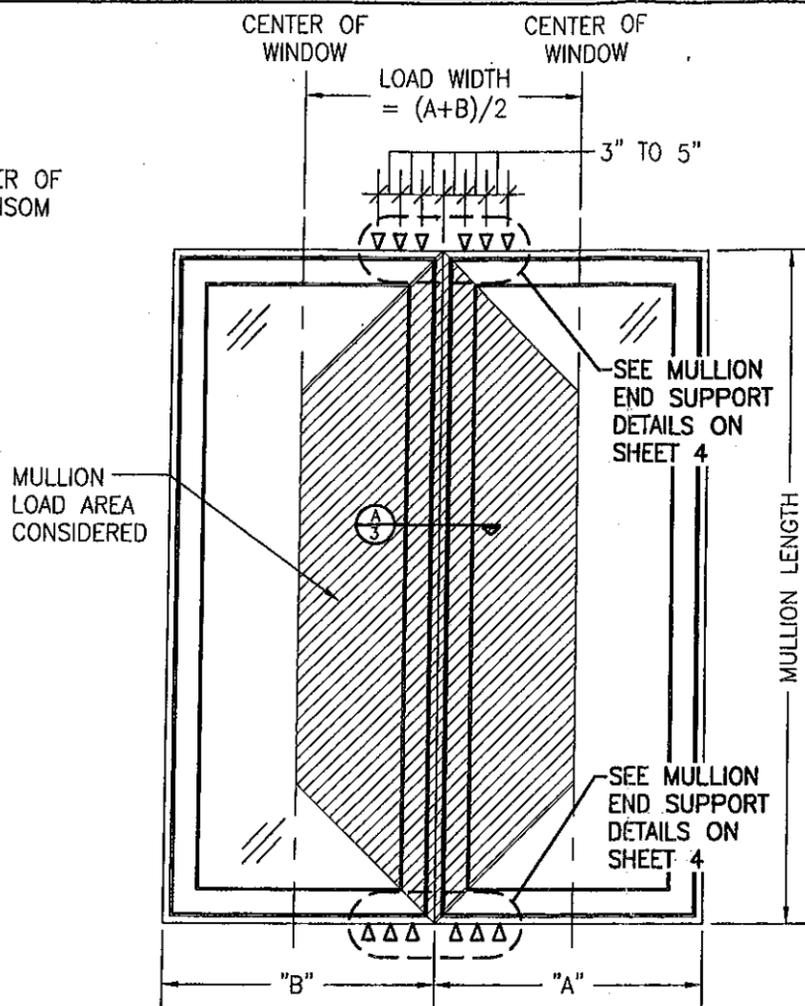
"A" = LESSER OF (MULLION LENGTH/2) OR (TRANSOM HEIGHT/2)
 "B" = MULLION LENGTH/2

SINGLE WINDOW OR DOOR WITH FIXED TRANSOM
 (SEE LOAD TABLE 1.0)

NOTE: WINDOW/DOOR MAY BE ANY FIXED OR OPERABLE UNIT
 NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL

GENERAL NOTES (ALL DRAWING SHEETS):

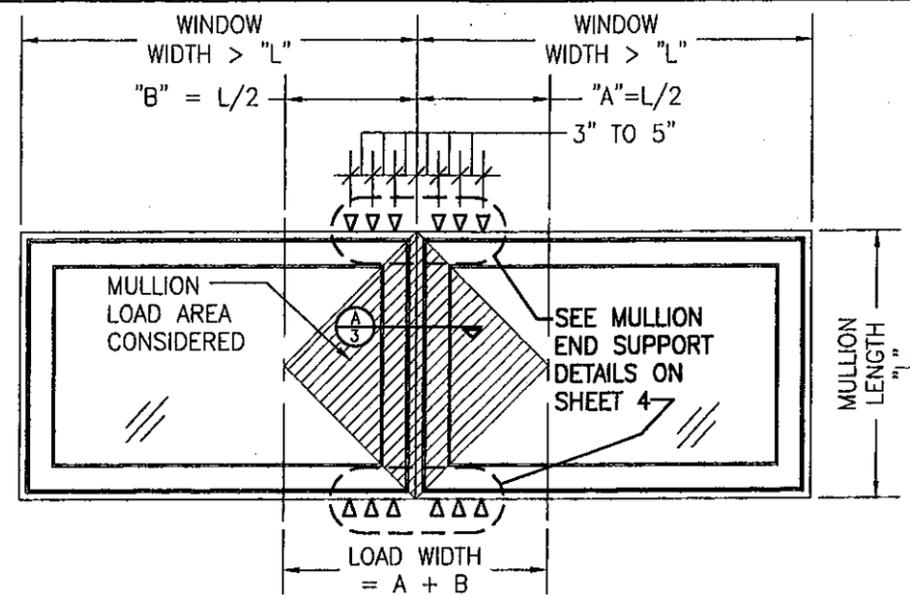
1. THESE MULLION SYSTEMS HAVE BEEN ANALYZED AND CERTIFIED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE LOAD TABLES.
2. OPENINGS, INCLUDING BUCKS (IF USED AS SUPPORT), MUST BE DESIGNED & CONSTRUCTED TO WITHSTAND WIND LOADS TRANSFERRED BY THE MULLIONS END REACTIONS & SUPPORTED WINDOWS/DOORS.
3. ALL MATERIALS & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THESE MULLION SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH & MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
5. ALLOWABLE PRESSURE ON THE MULLED UNIT SHALL BE CONTROLLED BY THE LESSER ALLOWABLE PRESSURE OF THE MULLION OR THE INDIVIDUAL DOOR/WINDOW UNITS.
6. WINDOW/DOOR SIZES SHALL BE AS RESTRICTED BY THEIR OWN INDIVIDUAL APPROVALS/CERTIFICATIONS.
7. FOR WINDOW OR DOOR FRAME TO OPENING ATTACHMENT, SEE THE RESPECTIVE PRODUCT CERTIFIED DRAWINGS/SPECIFICATIONS FOR THE WINDOW/DOOR.
8. MULLION LENGTHS ARE RESTRICTED BY THOSE SHOWN IN THE TABLES.
9. THE LOADS IN THESE TABLES CONSIDER WORSE CASE OF MULLION STRESS, DEFLECTION AND END REACTION.



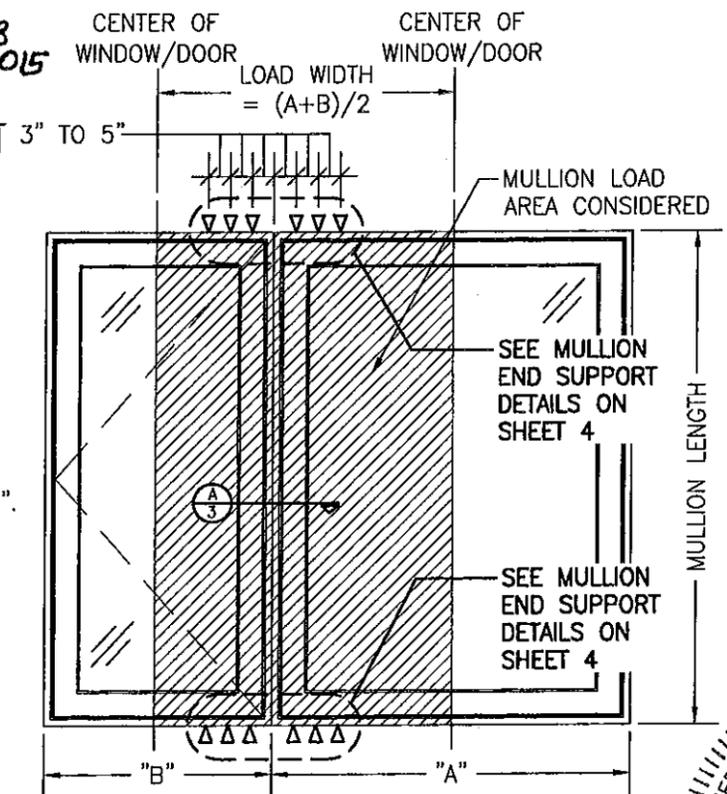
FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE LESS THAN OR EQUAL TO THE MULLION LENGTH
 (SEE LOAD TABLE 1.0)

NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL

10. ANY CONDITIONS NOT COVERED IN THIS CERTIFICATION SHALL BE SUBJECT TO SEPERATE ENGINEERING REVIEW.
11. ALL EMBEDMENTS SPECIFIED ARE TO BE BEYOND WALL FINISH.
12. MULLION BAR MUST BE CONTINUOUS END TO END WITH MAX. END SET-BACKS OF 2".
13. WHEN VERTICALLY STACKED, THE MANUFACTURER/INSTALLER SHALL INSURE THAT THE DEAD WEIGHT OF THE ABOVE WINDOWS WILL NOT CAUSE UNDO STRESS ON THE BELOW WINDOWS. THESE MULLIONS ARE DESIGNED TO SUPPORT WIND LOAD ONLY & ARE NOT CONSIDERED TO SUPPORT DEAD LOAD OF THE WINDOWS/DOORS.
14. ALL ANCHORS SPECIFIED HERE-IN THAT ARE TO PENETRATE PRESSURE TREATED (P.T.) LUMBER SHALL BE OF A MATERIAL CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
15. DOORS & WINDOWS SHALL BE UNDER SEPERATE CERTIFICATION. SEE THE PRODUCTS SPECIFIC CERTIFICATION FOR THEIR USE.
16. THE FOLLOWING PEETZ WINDOWS AND DOORS PRODUCTS SHALL BE APPLICABLE FOR USE WITH THIS MULLION APPROVAL:
 AMERICAN & EUROPEAN DIRECT GLAZED WOOD WINDOWS
 AMERICAN IN-SWING & OUT-SWING FIXED & OPERABLE CASEMENT WOOD WINDOWS
 AMERICAN IN-SWING & OUT-SWING WOOD DOORS
 EUROPEAN IN-SWING FIXED & OPERABLE CASEMENT WINDOWS
 EUROPEAN OUT-SWING DOORS (FIXED & OPERABLE)
 OTHER PRODUCTS NOT LISTED SHALL BE SUBJECT TO SEPERATE REVIEW/APPROVAL FOR USE WITH THIS MULLION APPROVAL.
17. THIS MULLION SYSTEM HAS SUCCESSFULLY PASSED TESTING TO THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT.



FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH
 (SEE LOAD TABLE 1.0)



SINGLE OPERABLE DOOR/WINDOW TO A SINGLE OPERABLE OR FIXED DOOR/WINDOW
 (SEE LOAD TABLE 2.0)

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 11-1024.06
 Expiration Date 12/22/2015
 By *Manuel Pro*
 Miami/Dade Product Control

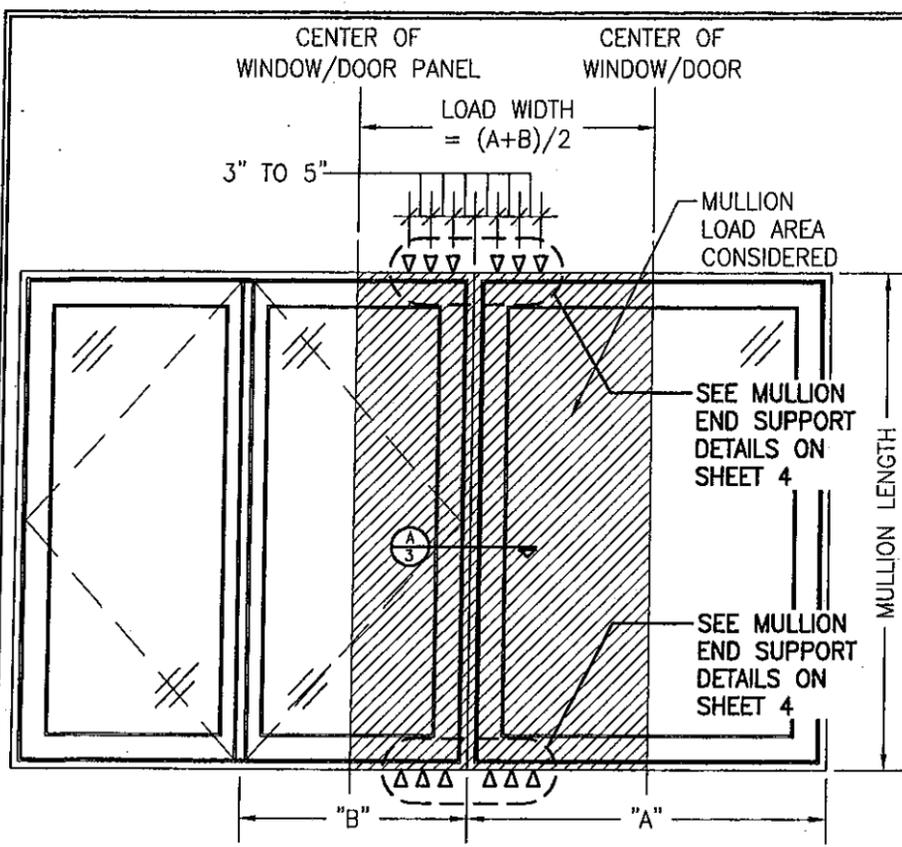
PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 10-0615.08
 Expiration Date DEC. 22, 2015
 By *Manuel Pro*
 Miami/Dade Product Control

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 06/22/05
DATE: 05/04/10	
BY: WWS	
NO. REVISION DESCRIPTION	
A1 UPDATE TO PRESENT STANDARDS	

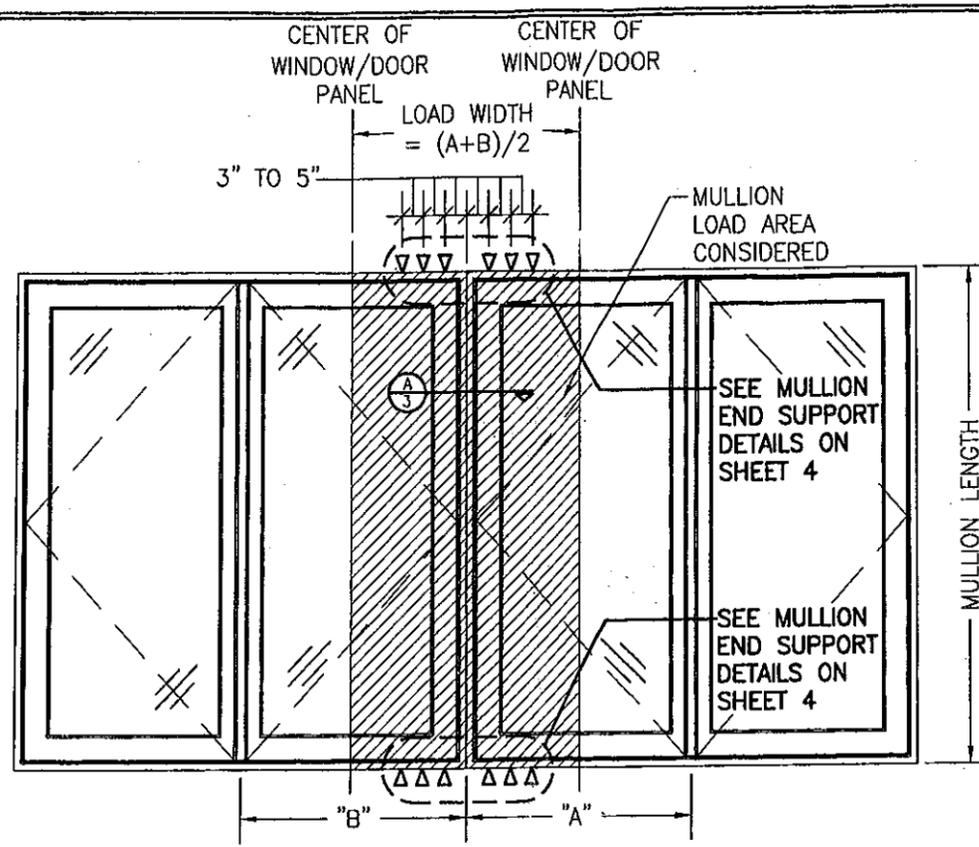
AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS
 MANUFACTURER
 PEETZ WINDOWS & DOORS
 15951 S.W. 41ST STREET, SUITE 150
 WESTON, FL 33331
 954-659-3887

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

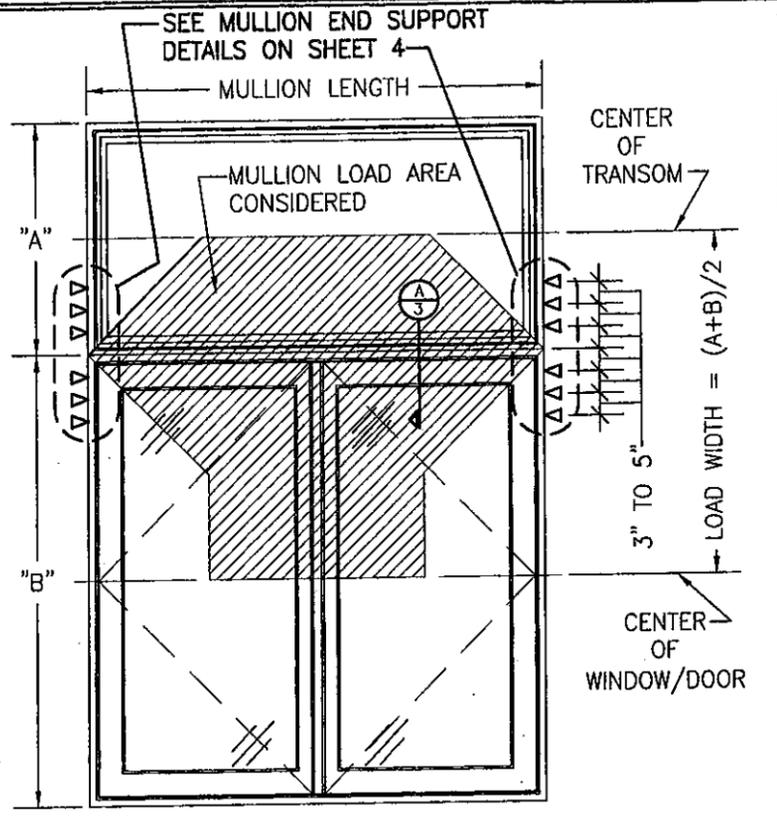
DRAWING TITLE
 AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS
 CONSULTANTS
 W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 7480 150TH COURT NORTH
 PALM BEACH GARDENS, FL 33418
 PHONE: 561-744-3424
 CERTIFICATION: W. W. SCHAEFER
 MAY 24 2010
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 DRAWING NO. 1327
 SHEET NO. 1 OF 5



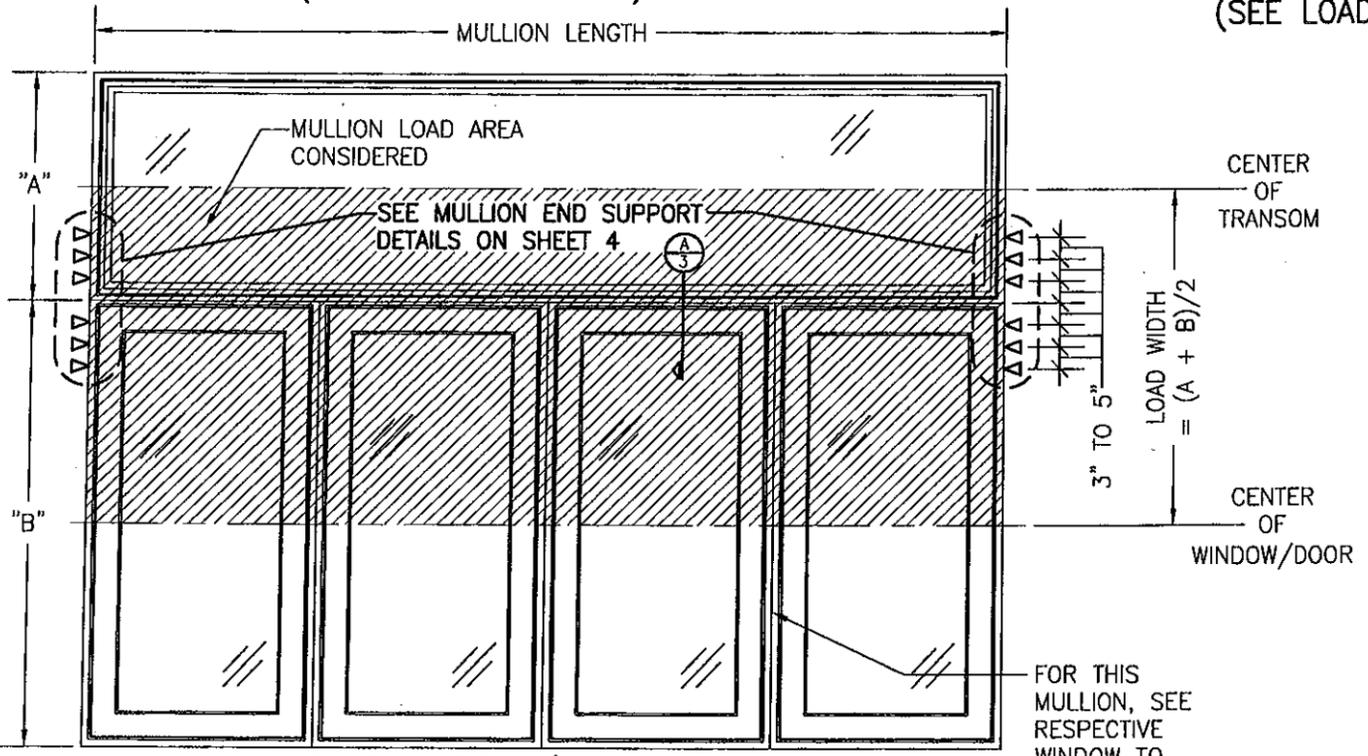
DOUBLE PANEL OPERABLE DOOR/WINDOW TO A SINGLE DOOR/WINDOW (SEE LOAD TABLE 2.0)



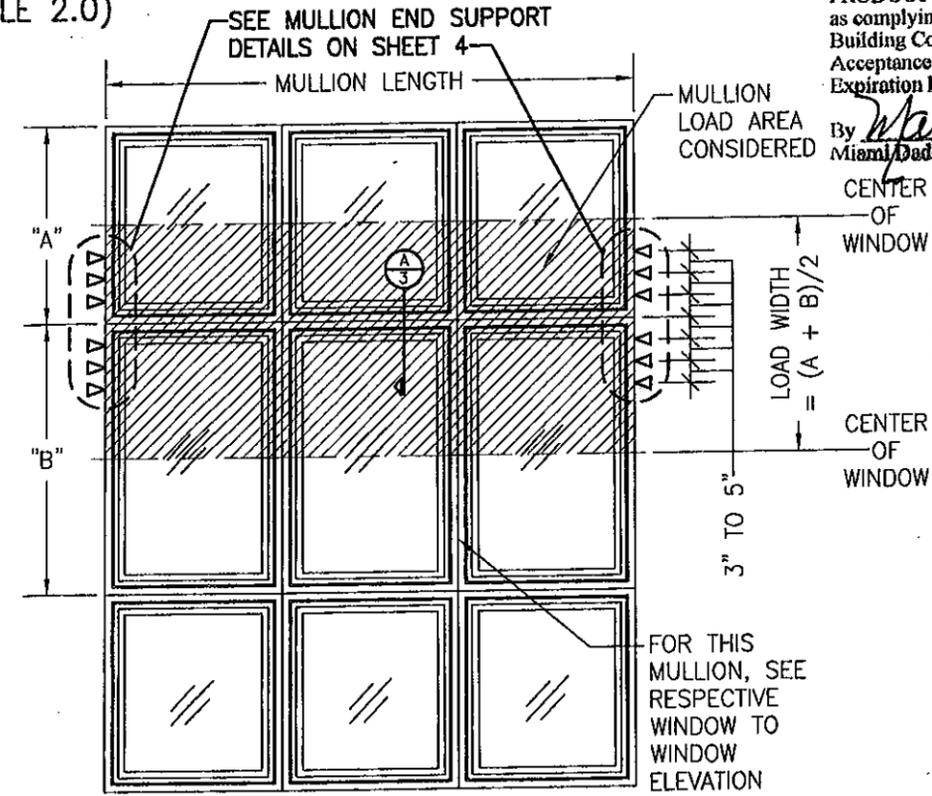
DOUBLE PANEL OPERABLE DOOR/WINDOW TO A DOUBLE PANEL DOOR/WINDOW (SEE LOAD TABLE 2.0)



DOUBLE PANEL DOOR OR CASEMENT WINDOW WITH A SINGLE FIXED TRANSOM (SEE LOAD TABLE 3.0)



MULTIPLE WINDOWS/DOORS WITH TRANSOM (SEE LOAD TABLE 4.0)



MULTIPLE WINDOWS (SEE LOAD TABLE 4.0) (CONTINUOUS MULLION MAY BE HORIZONTAL OR VERTICAL (HORIZONTAL SHOWN))

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. **11-1024.06** Expiration Date **12/22/2015**
 By *Manuel Perez*
 Miami/Dade Product Control

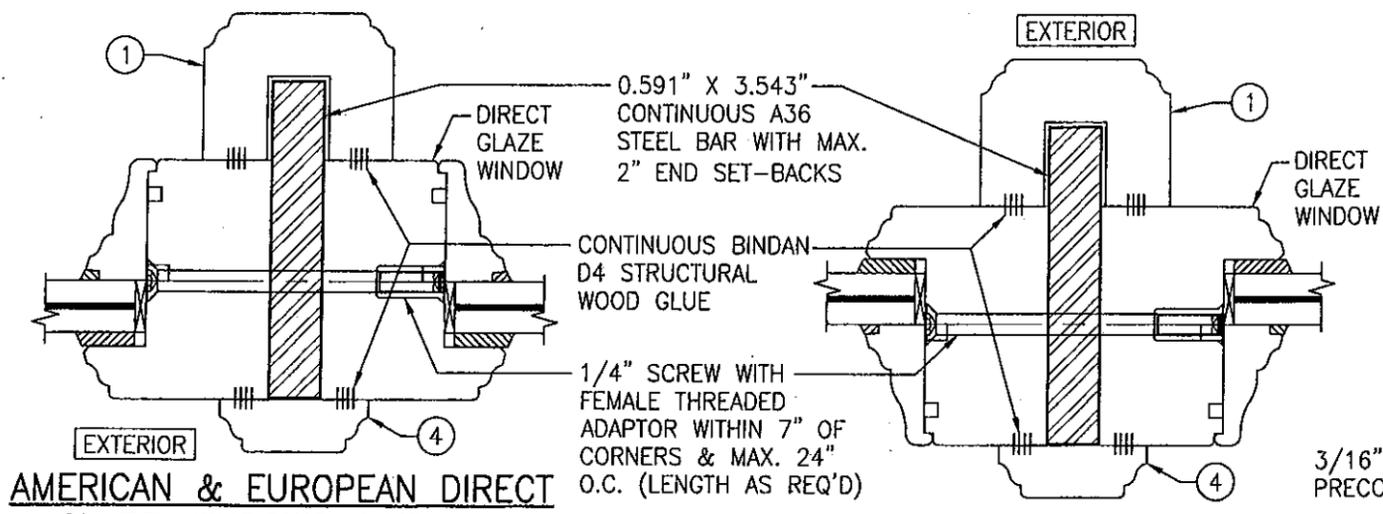
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. **10-0615.08** Expiration Date **DEC. 22, 2015**
 By *Manuel Perez*
 Miami/Dade Product Control Division

- NOTES: 1. TRANSOM MAY BE SINGLE OR MULTIPLE WINDOWS.
 2. CONTINUOUS MULLION MAY BE HORIZONTAL OR VERTICAL (HORIZONTAL SHOWN).



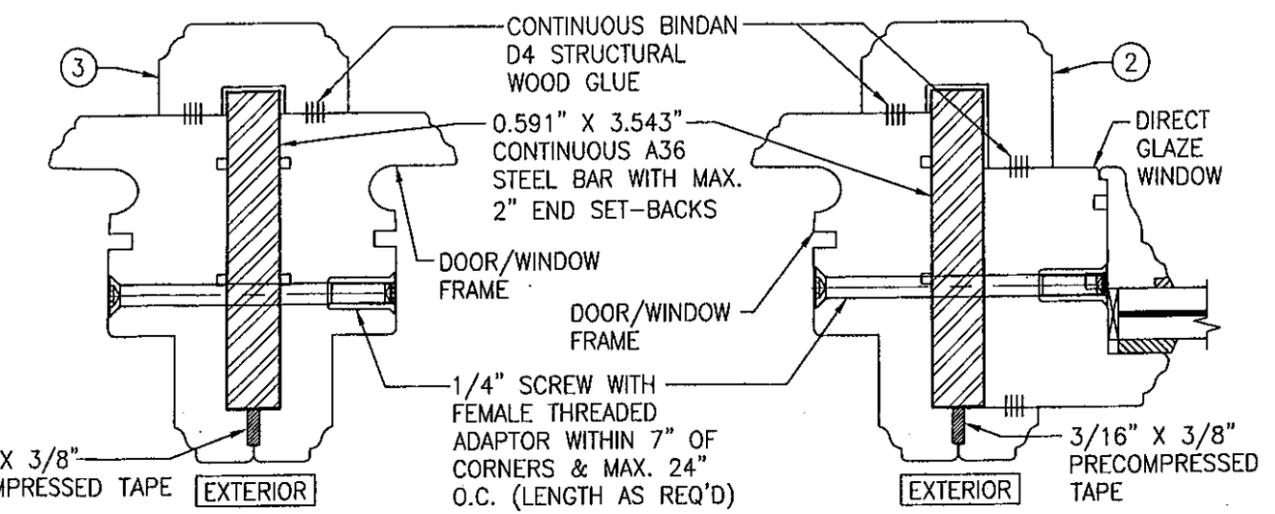
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 06/22/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS			
CONSULTANTS: PEETZ WINDOWS & DOORS & CONSULTING, P.A.			
MANUFACTURER: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887			
DRAWING NO. 1327			
REV. A			
SHEET NO. 2 OF 5			

DRAWN BY:	W.W.S.	CHECKED BY:	W.W.S.
DATE:	1-24	DATE:	06/22/05
NO.		NO.	
REVISION DESCRIPTION		REVISION DESCRIPTION	



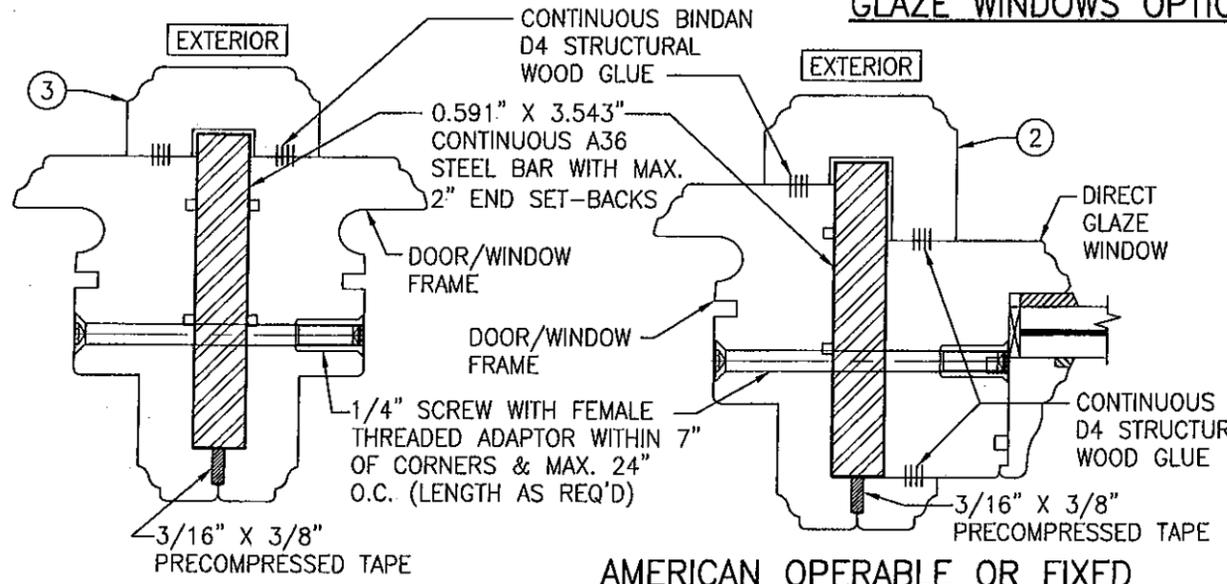
AMERICAN & EUROPEAN DIRECT GLAZE WINDOWS OPTION 1

AMERICAN & EUROPEAN DIRECT GLAZE WINDOWS OPTION 2



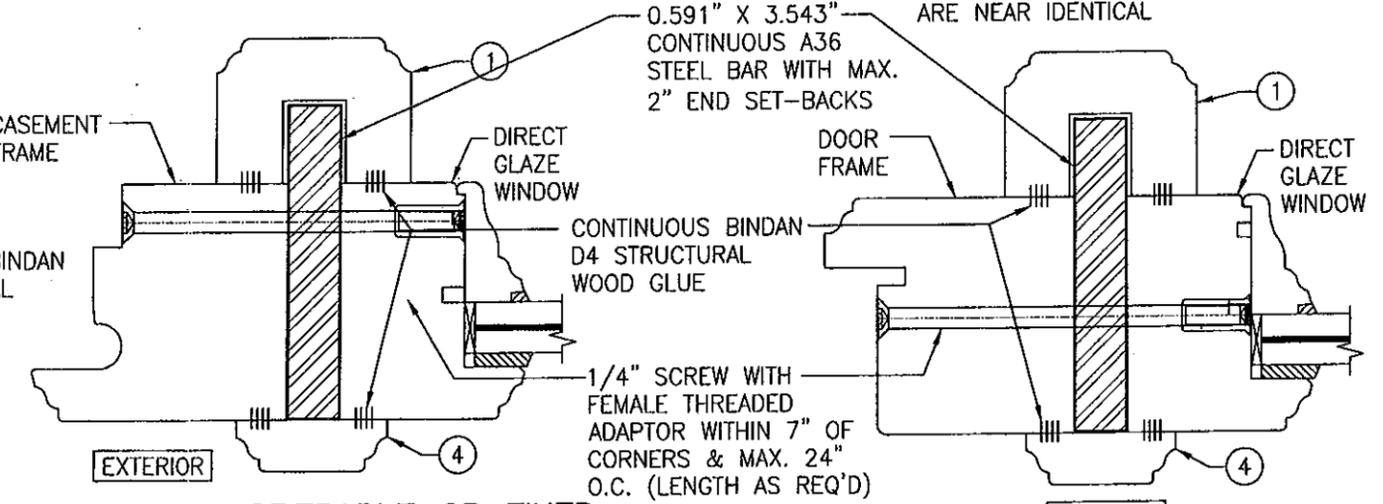
AMERICAN OPERABLE & FIXED PANEL OUT-SWING DOORS OR CASEMENT WINDOWS

AMERICAN OPERABLE OR FIXED PANEL OUT-SWING DOOR OR CASEMENT WINDOWS TO DIRECT GLAZE WINDOW



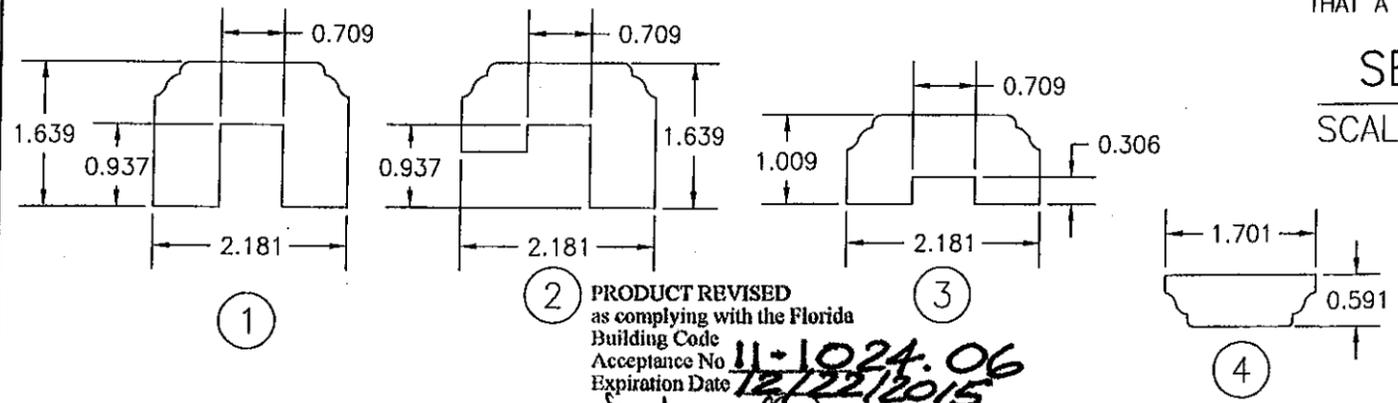
AMERICAN OPERABLE & FIXED PANEL IN-SWING DOORS OR CASEMENT WINDOWS

AMERICAN OPERABLE OR FIXED PANEL IN-SWING DOOR OR CASEMENT WINDOWS TO DIRECT GLAZE WINDOW



EUROPEAN OPERABLE OR FIXED PANEL IN-SWING CASEMENT WINDOWS TO DIRECT GLAZE WINDOW

EUROPEAN OPERABLE OR FIXED PANEL OUT-SWING DOOR TO DIRECT GLAZE WINDOW

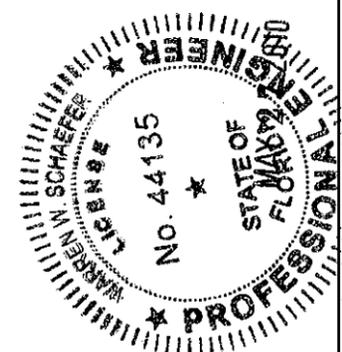


PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **11-1024.06**
 Expiration Date **12/22/2015**
 By *Manuel Perez*
 Miami/Dade Product Control

SECTIONS
 SCALE: 1/2 FULL

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **10-0615.08**
 Expiration Date **DEC. 22, 2015**
 By *Manuel Perez*
 Miami/Dade Product Control

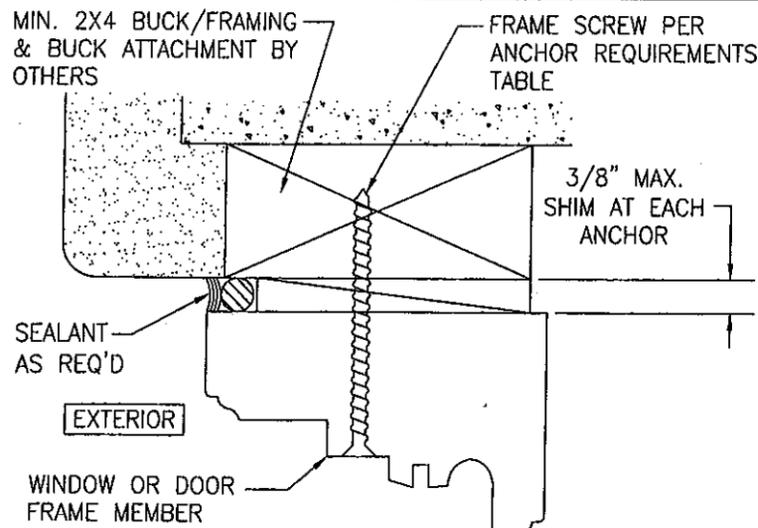
- NOTES:**
1. WINDOW AND DOOR SASH, HARDWARE, ETC. NOT SHOWN FOR CLARITY AS THEY DO NOT EFFECT THE MULLION CONDITION. SEE INDIVIDUAL WINDOW & DOOR APPROVALS FOR WINDOW OR DOOR DETAILS.
 2. WOOD MATERIALS FOR PARTS NO. 1 THROUGH 4 SHALL BE THE SAME AS APPROVED AND USED WITH THE WINDOWS/DOORS BEING MULLED UNDER THIS APPROVAL.
 3. DIMENSIONS OF PARTS 1 THROUGH 4 ARE MINIMUMS AND MAY BE INCREASED.



AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS
 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.
 7480 150TH COURT NORTH
 PALM BEACH GARDENS, FL 33418
 PHONE: 561-744-3424

DRAWING NO.	1327	REV.	A
SHEET NO.	3	OF	5

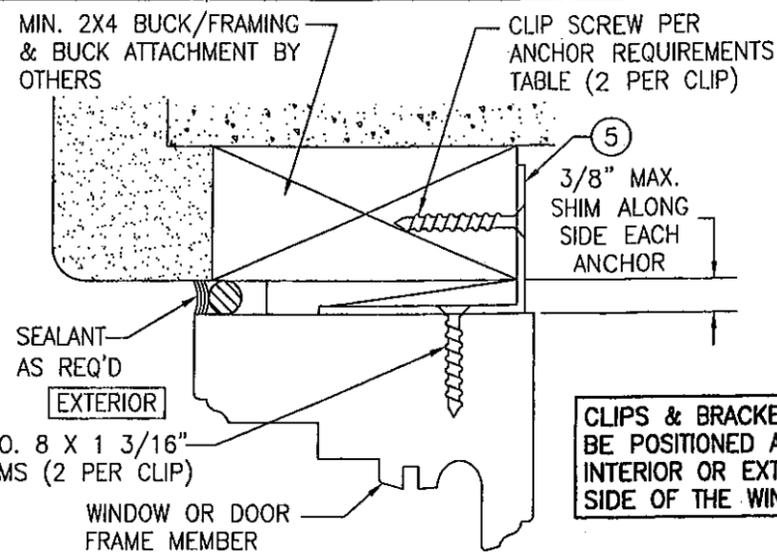


**SHEAR SCREW
INSTALLATION DETAIL**

(6 SCREWS PER MULLION END)

OUT-SWING FRAME CONDITION SHOWN. IN-SWING IS THE SAME EXCEPT FRAME MEMBER IS MIRRORED.

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

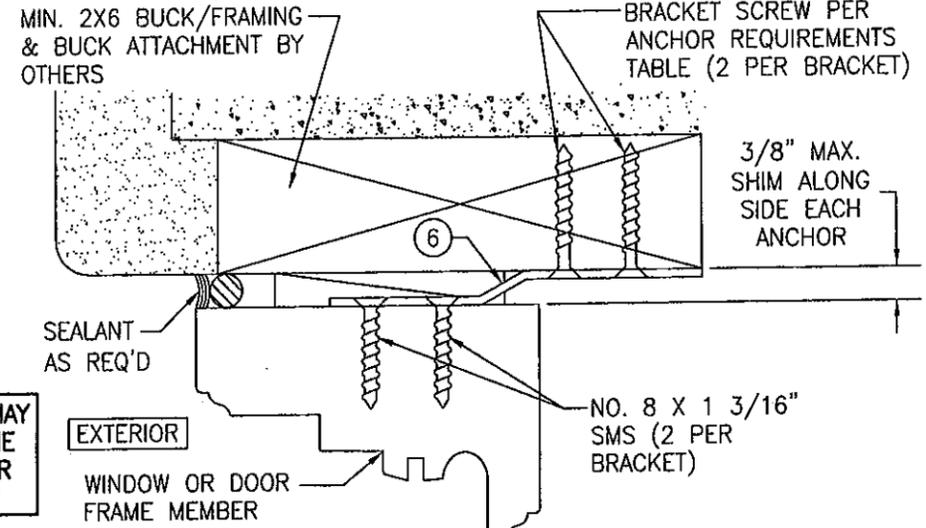


**ANGLE CLIP
INSTALLATION DETAIL**

(6 CLIPS PER MULLION END)

OUT-SWING FRAME CONDITION SHOWN. IN-SWING IS THE SAME EXCEPT FRAME MEMBER IS MIRRORED.

BUCK CONDITION SHOWN. STRUCTURAL STEEL SUBSTRATE ALSO APPLYS IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON THIS SHEET.



**MOUNTING BRACKET
INSTALLATION DETAIL**

(6 BRACKETS PER MULLION END)

OUT-SWING FRAME CONDITION SHOWN. IN-SWING IS THE SAME EXCEPT FRAME MEMBER IS MIRRORED.

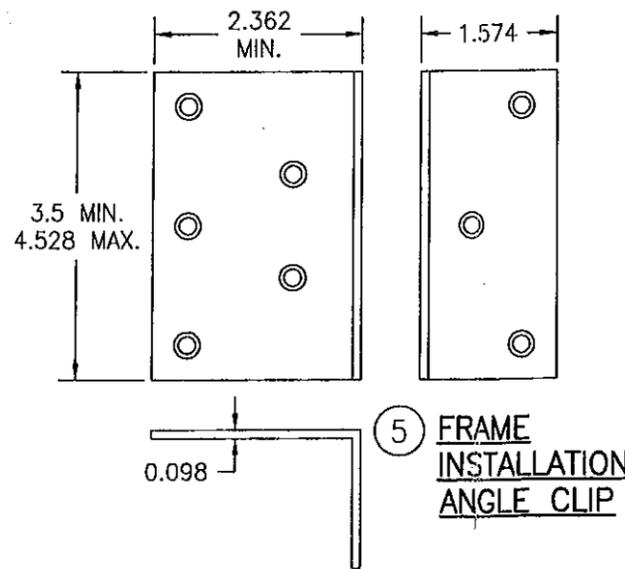
BUCK CONDITION SHOWN. METAL STUD, STRUCTURAL STEEL, BLOCK OR CONCRETE SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON THIS SHEET.

AMERICAN CASEMENT WINDOW FRAME MEMBERS ARE USED IN THESE DETAILS. ALL OTHER PRODUCT FRAMES LISTED AS APPLICABLE WITH THE BAR MULLION IN THIS APPROVAL APPLY AND ARE INSTALLED IDENTICAL TO THAT SHOWN IN THESE DETAILS.

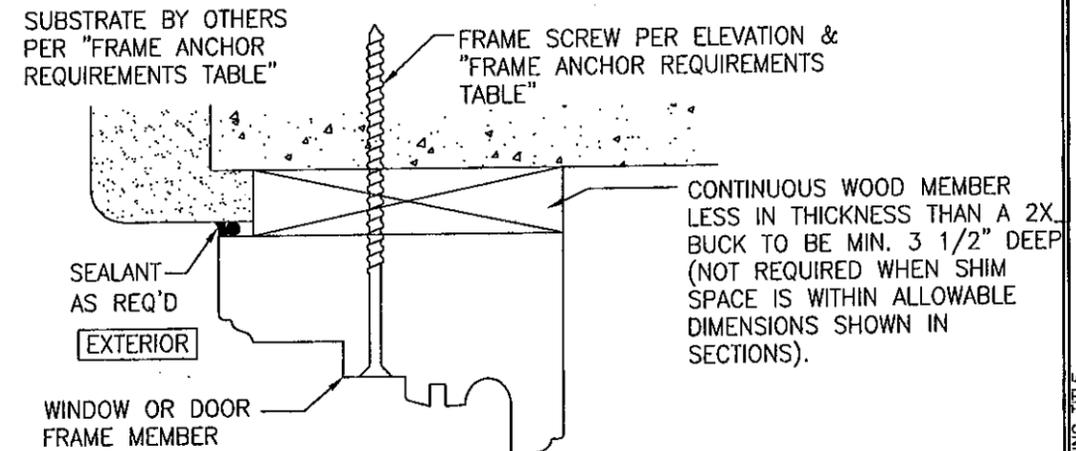
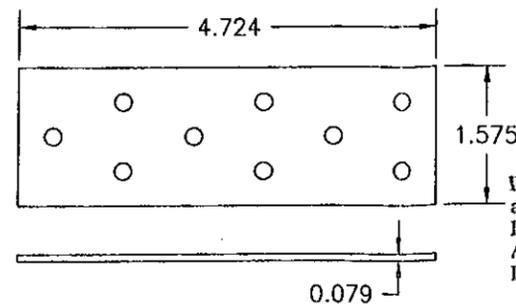
FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/BRACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
ANGLE 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"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	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.).



6 FRAME MOUNTING BRACKET



**OPTIONAL DIRECT MOUNT DETAIL
TO BLOCK OR CONCRETE WITH SPACER OR SHIM**

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 11-1024.06 Expiration Date 12/22/2015
By *Manuel Perez*
Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 10-0615.08 Expiration Date 12/22/2015
By *Manuel Perez*
Miami Dade Product Control Division



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 06/22/05
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	
MANUFACTURER PEETZ WINDOWS & DOORS	
15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION	
DRAWING NO. 1327	REV. A
SHEET NO. 4 OF 5	

LOAD TABLE 1.0		
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)
132	72	31.5
	66	34.4
	60	37.8
	54	42.0
	48	47.3
	42	54.0
	39	58.2
	36	63.1
120	30	70.0
	72	38.1
	66	41.6
	60	45.8
	54	50.9
	48	57.2
	42	65.4
	39	70.0
108	72	47.1
	66	51.4
	60	56.5
	54	62.8
96	48	70.0
	72	59.6
	66	65.0
90	60	70.0
	72	67.8
84	66	70.0
84	72	70.0

LOAD TABLE 2.0		
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)
132	66	34.4
	60	37.8
	54	42.0
	48	47.3
	42	54.0
	39	58.2
	36	63.1
	30	70.0
	66	39.3
	60	43.2
120	54	48.0
	48	54.0
	42	61.7
	39	66.5
	36	70.0
	66	43.6
	60	48.0
	54	53.3
108	48	60.0
	42	68.6
	39	70.0
	66	49.1
	60	54.0
	54	60.0
	48	67.5
	54	70.0
96	66	52.4
	60	57.6
	54	64.0
	48	70.0
	66	56.1
	60	61.7
84	54	68.6
	48	77.1
	66	60.4
	60	66.5
78	54	73.8
	66	65.5
72	60	70.0
	66	70.0
66	66	70.0

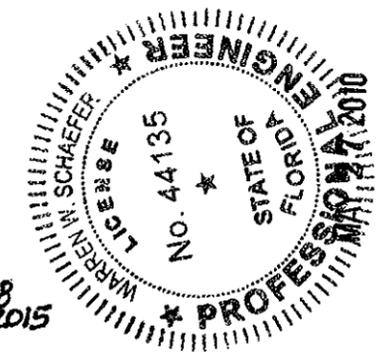
LOAD TABLE 3.0		
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)
96	90	47.7
	84	51.1
	78	55.0
	72	59.6
	66	65.0
	60	70.0
	90	54.3
	84	58.1
90	78	62.6
	72	67.8
	66	70.0
	90	58.8
84	84	63.0
	78	67.8
	72	70.0
	90	63.3
78	84	67.8
	78	70.0
	90	68.6
72	84	70.0
	90	70.0
66	90	70.0

LOAD TABLE 4.0						
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	
132	60	28.3	84	90	41.1	
	48	35.3		84	44.1	
	42	40.4		72	51.4	
	36	47.1		60	61.7	
	30	56.6		54	68.6	
	24	70.0		48	70.0	
	84	26.9		90	44.3	
	72	31.4		84	47.5	
120	60	37.6	78	72	55.4	
	48	47.0		66	60.4	
	42	53.8		60	66.5	
	36	62.7		54	70.0	
	30	70.0		90	48.0	
	90	32.2		84	51.4	
	84	34.3		72	60.0	
	72	40.0		66	65.5	
108	60	48.0	66	60	70.0	
	48	60.0		90	52.4	
	42	68.6		84	56.1	
	36	70.0		72	65.5	
	90	36.0		66	70.0	
	84	38.6		90	57.6	
	72	45.0		84	61.7	
	60	54.0		72	70.0	
96	48	67.5	54	90	64.0	
	42	70.0		84	68.6	
	90	38.4		72	70.0	
	84	41.1		90	70.0	
	72	48.0		48	90	70.0
	60	57.6				
	54	64.0				
	48	70.0				

NOTE: THE LOADS IN THESE TABLES ARE RESTRICTED TO A MAXIMUM OF 70 PSF. USE OF THESE MULLIONS WITH REQUIRED DESIGN PRESSURES ABOVE 70 PSF SHALL BE SUBJECT TO SEPERATE REVIEW BY A FLORIDA LICENSED STRUCTURAL ENGINEER AND SHALL BE UNDER SEPERATE APPROVAL.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **11-1024.06**
 Expiration Date **12/22/2015**
 By *Manuel Perez*
 Miami/Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **10-0615.08**
 Expiration Date **DEC. 22, 2015**
 By *Manuel Perez*
 Miami/Dade Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 06/22/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
MANUFACTURER: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887			
CERTIFICATION: <i>[Signature]</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO.	REV.	SHEET NO.	
1327	A	5 OF 5	