



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 & 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: Series "American and European" Unclipped 90mm Bar Reinforced Mullions

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



MFG
12/1/05

NOA No 05-0726.04
Expiration Date: December 22, 2010
Approval Date: December 22, 2005
Page 1

Peetz Windows & Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No 1327, Sheets 1 through 5 of 5, titled "American and European Un-Clipped Bar Reinforced Mullions", prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 06/22/05, signed and sealed by Warren W. Schaefer, P.E.

A. 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 mullied 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.
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 mullied 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.

C. CALCULATIONS

1. Anchor verification calculations, complying with FBC-2004, dated 07/14/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated June 29, 2005, signed and sealed by Warren W. Schaefer, P.E.



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

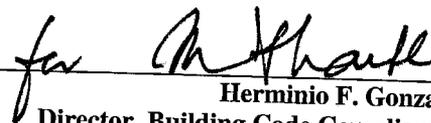
NOA No 05-0726.04
Expiration Date: December 22, 2010
Approval Date: December 22, 2005

Peetz Windows & Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. Letter from consultant, dated September 17, 2005 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 05-0726.04

Expiration Date: December 22, 2010
Approval Date: December 22, 2005

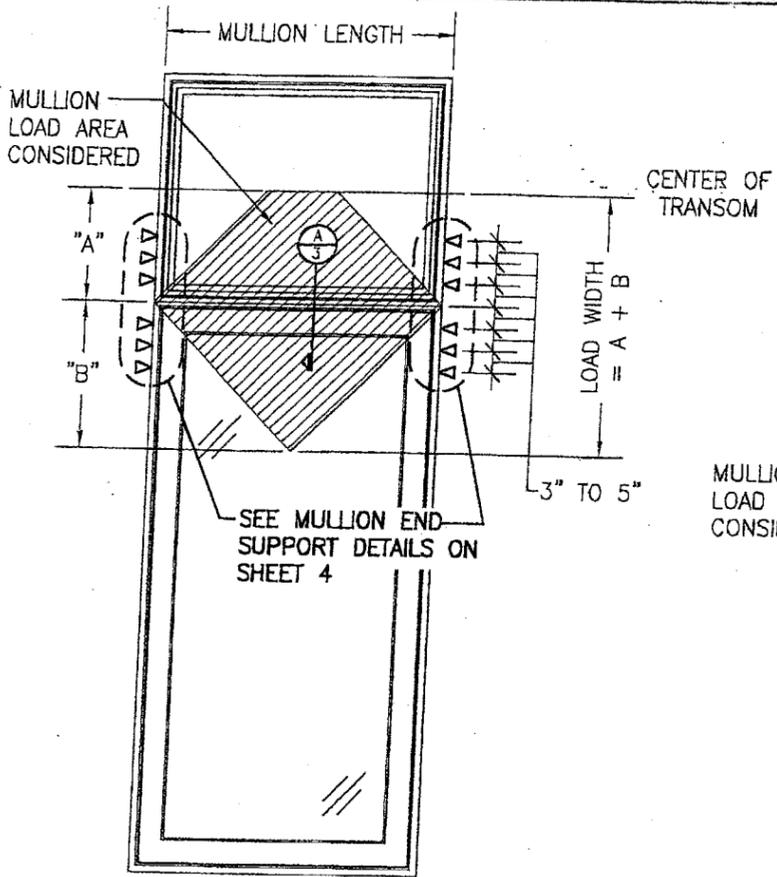
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
DATE: 06/22/05	
NO.	REVISION DESCRIPTION
DATE	BY

AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS
 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: 561-775-4803

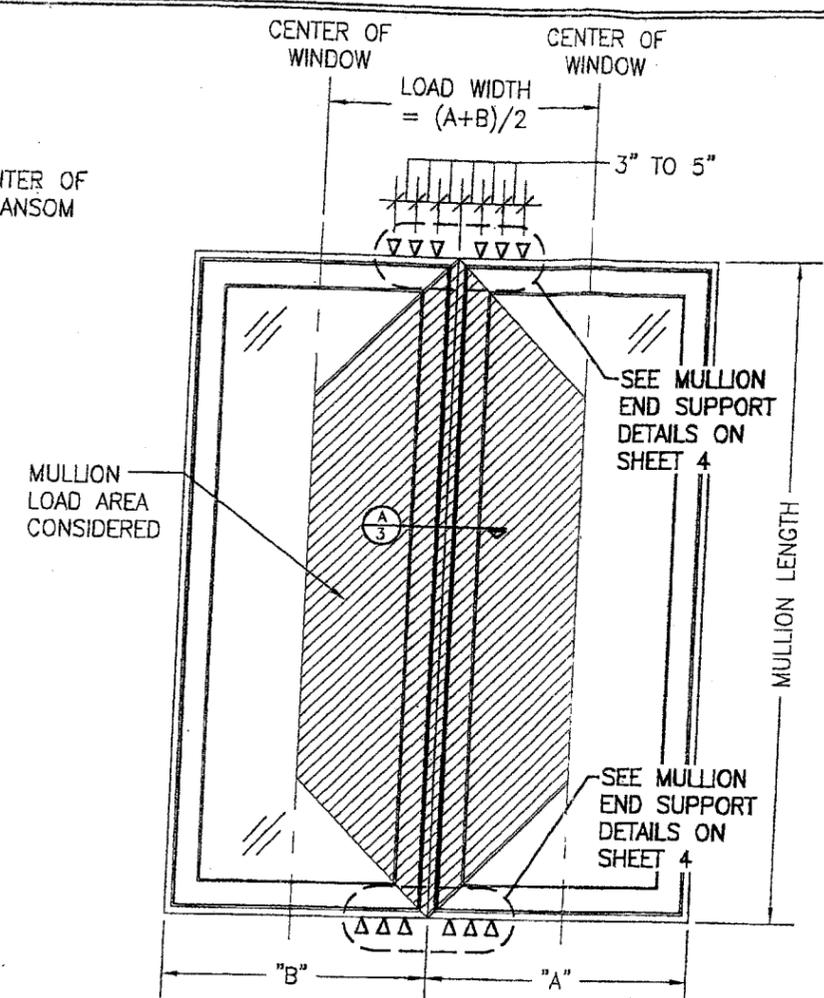
CERTIFICATION
NOV 07 2005
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44133

DRAWING NO.	REV.
1327	
SHEET NO.	1 OF 5



"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

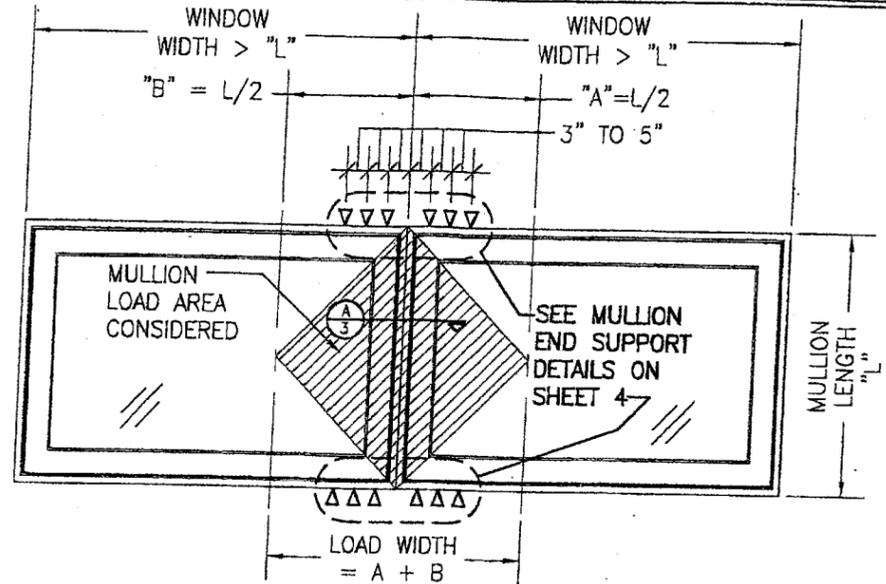
- GENERAL NOTES (ALL DRAWING SHEETS):**
1. THESE MULLION SYSTEMS HAVE BEEN ANALYZED AND CERTIFIED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE LOAD TABLES.
 2. OPENINGS, INCLUDING BUCKS (IF USED AS SUPPORT), MUST BE DESIGNED & CONSTRUCTED TO WITHSTAND WIND LOADS TRANSFERRED BY THE MULLIONS END 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 THE 2004 FLORIDA BUILDING CODE (FBC) FOR USE IN THE 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.



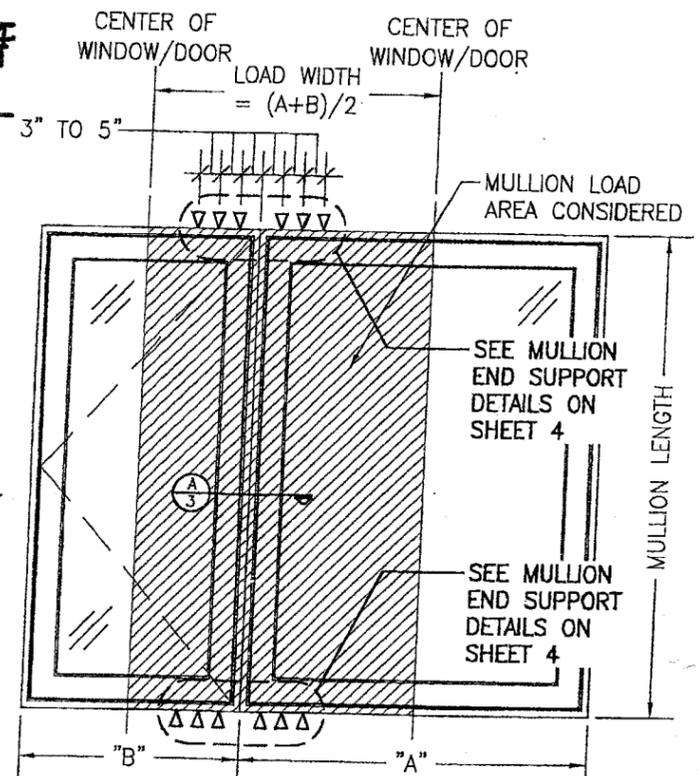
FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE LESS THAN OR EQUAL TO THE MULLION LENGTH
 (SEE LOAD TABLE 1.0)
 NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL

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 2004 FLORIDA BUILDING CODE PROTCALS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT.

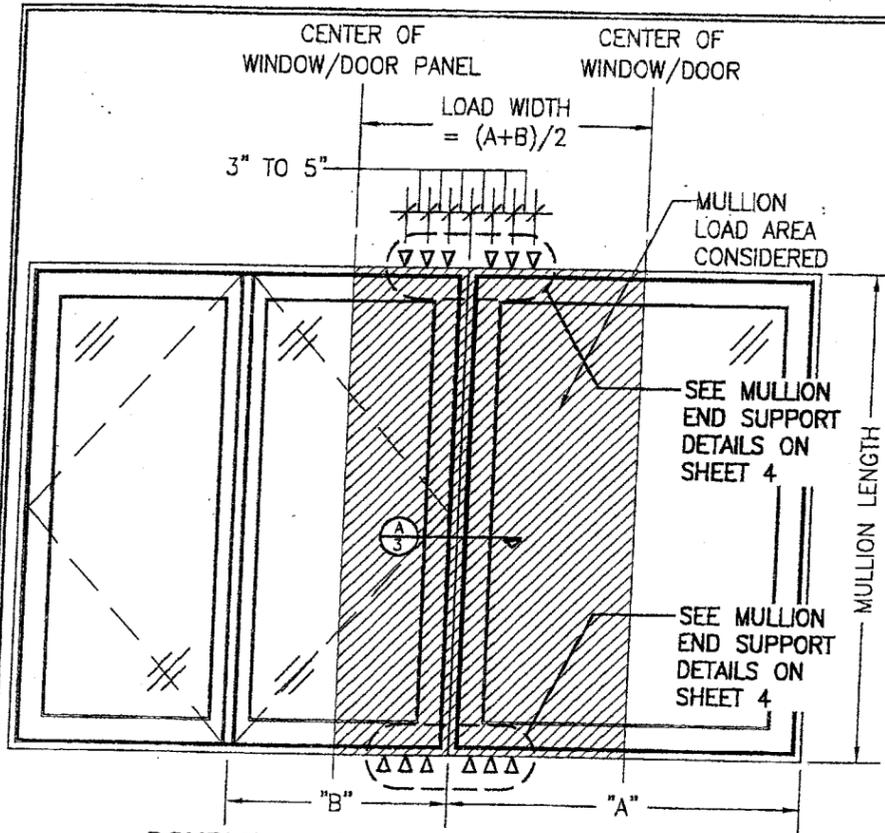
Approved as complying with the Florida Building Code
 Date 12/22/05
 NOA# 05-0226.04
 Miami Dade Product Control
 Division
 By *M. Schaefer*



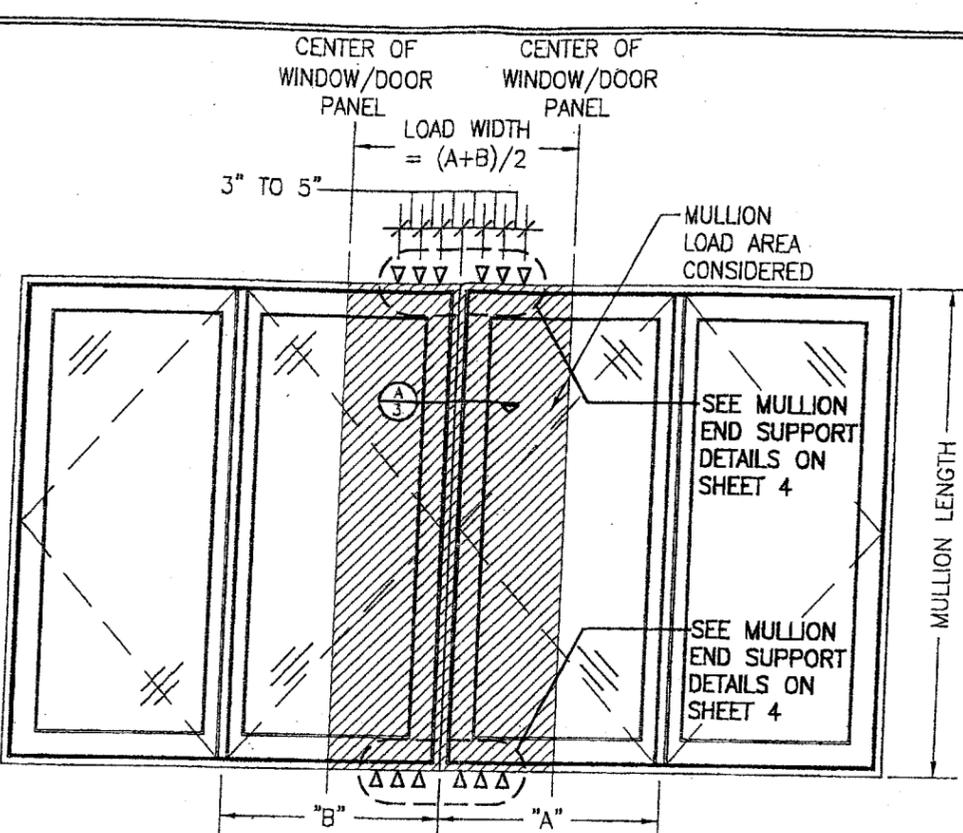
FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH
 (SEE LOAD TABLE 1.0)



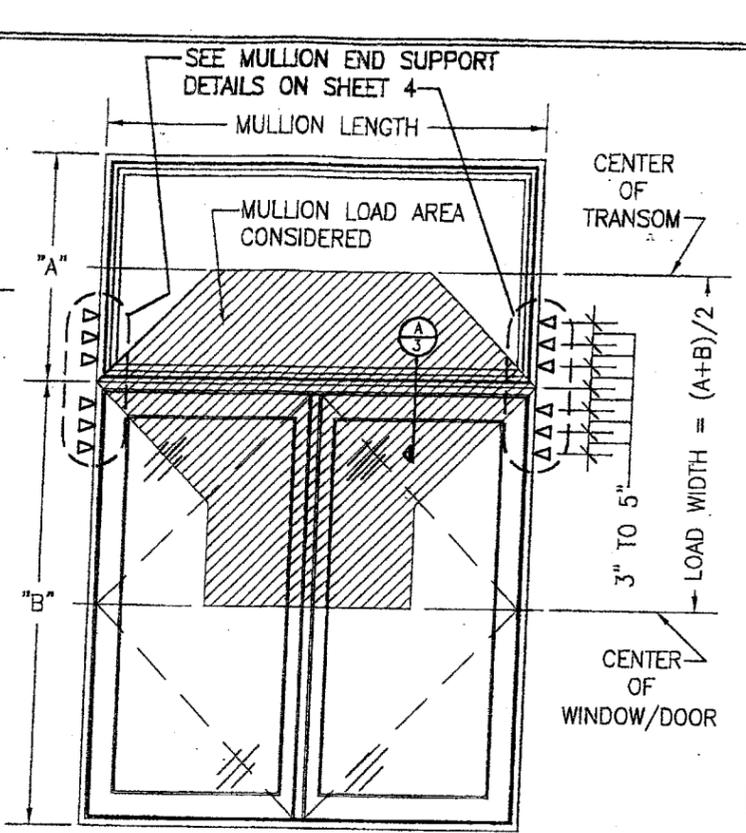
SINGLE OPERABLE DOOR/WINDOW TO A SINGLE OPERABLE OR FIXED DOOR/WINDOW
 (SEE LOAD TABLE 2.0)



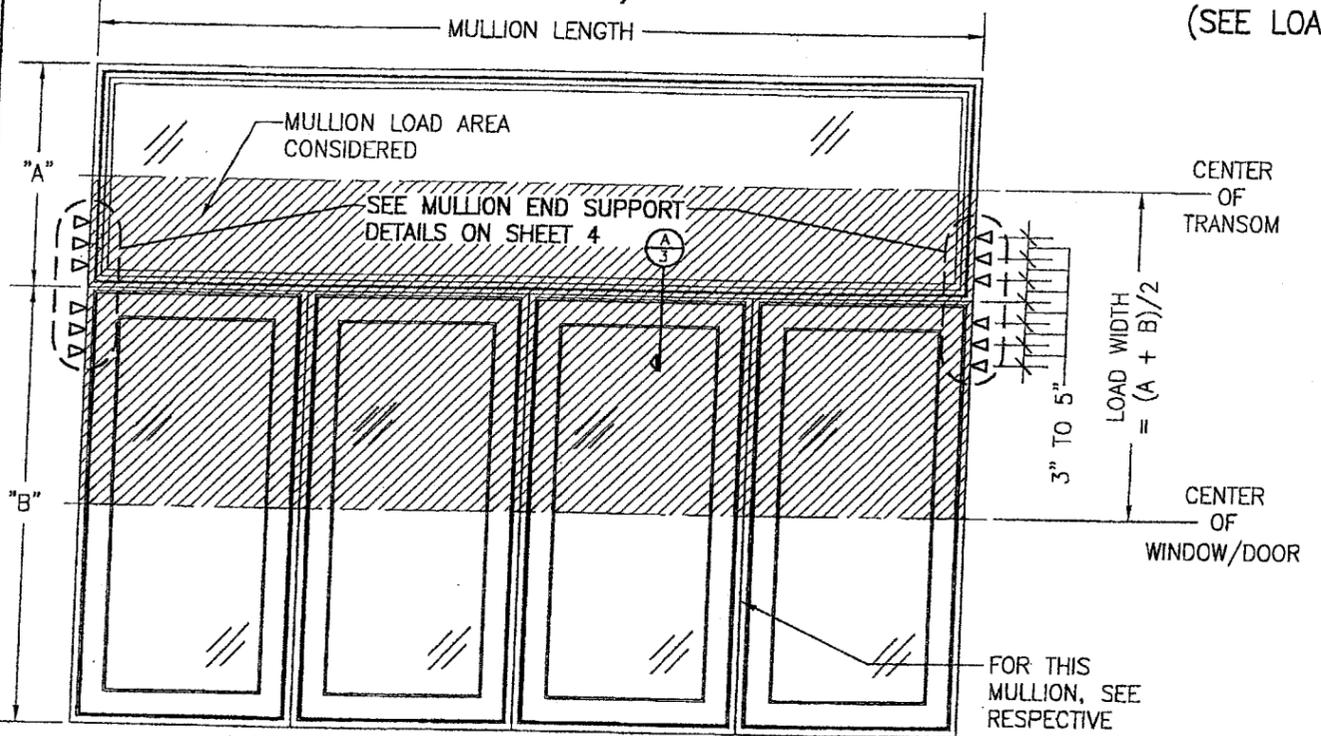
DOUBLE PANEL OPERABLE DOOR/WINDOW TO A SINGLE DOOR/WINDOW (SEE LOAD TABLE 2.0)



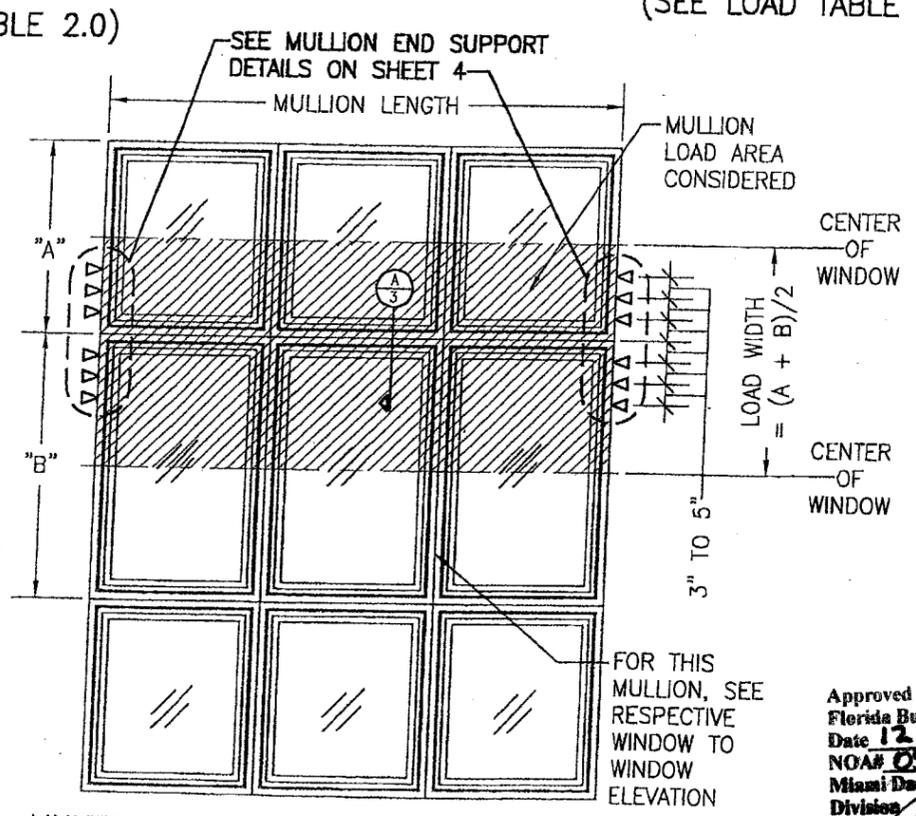
DOUBLE PANEL OPERABLE DOOR/WINDOW TO A DOUBLE PANEL DOOR/WINDOW (SEE LOAD TABLE 2.0)



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))

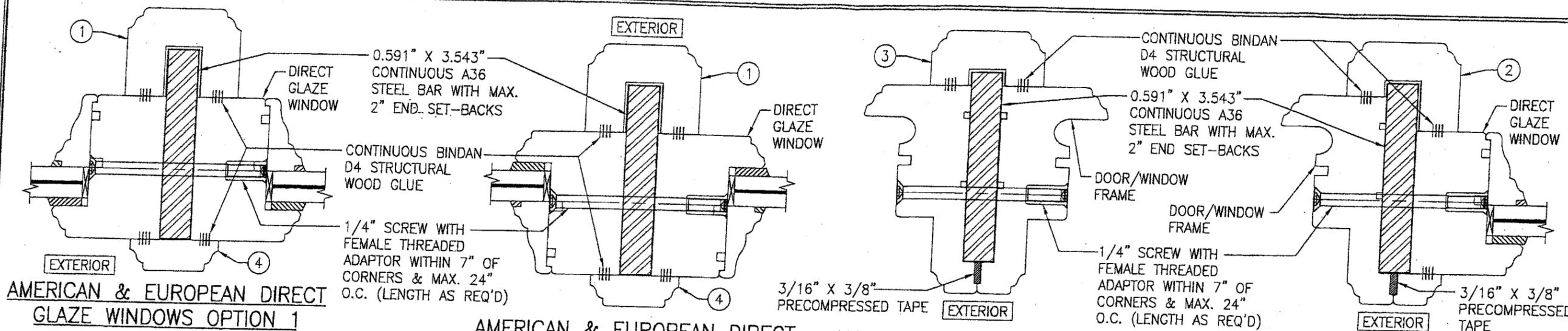
NOTES: 1. TRANSOM MAY BE SINGLE OR MULTIPLE WINDOWS.
2. CONTINUOUS MULLION MAY BE HORIZONTAL OR VERTICAL (HORIZONTAL SHOWN).

FOR THIS MULLION, SEE RESPECTIVE WINDOW TO WINDOW ELEVATION

FOR THIS MULLION, SEE RESPECTIVE WINDOW TO WINDOW ELEVATION

Approved as complying with the Florida Building Code
Date 12/22/05
NOAH 05-0326.04
Miami Dade Product Control Division
By *M. Shull*

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLATE: 1-24	DATE: 06/22/05
NO.	DATE
BY	
REVISION DESCRIPTION	
DRAWING TITLE AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS	
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 NOV 07 2005	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1327	REV.
SHEET NO. 2	OF 5



AMERICAN & EUROPEAN DIRECT GLAZE WINDOWS OPTION 1

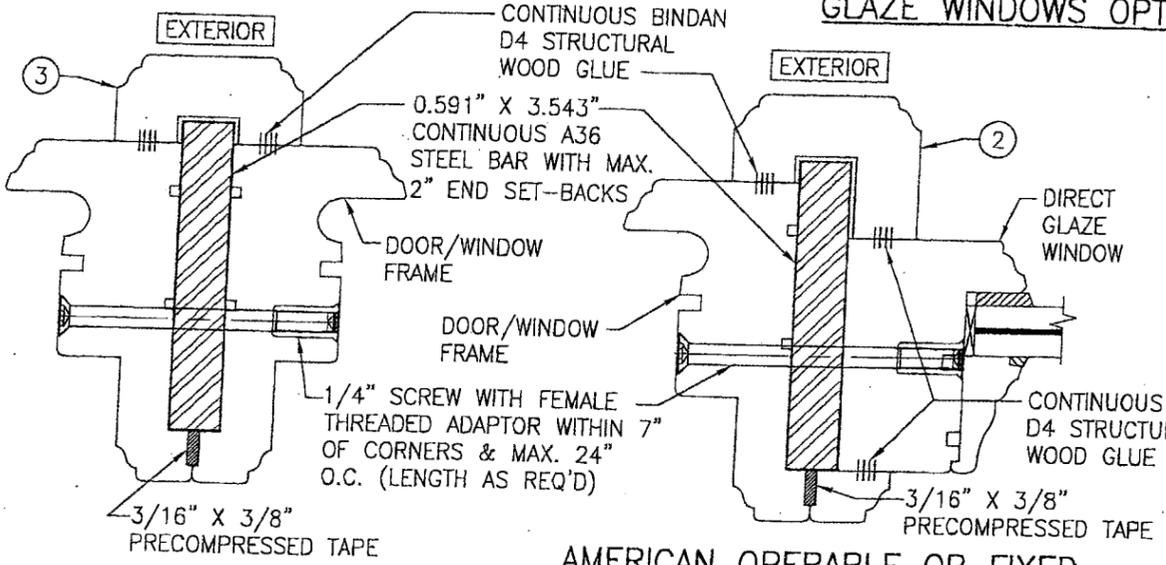
AMERICAN & EUROPEAN DIRECT GLAZE WINDOWS OPTION 2

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

DOOR JAMBS SHOWN; CASEMENTS ARE NEAR IDENTICAL

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

DOOR JAMBS SHOWN; CASEMENTS ARE NEAR IDENTICAL

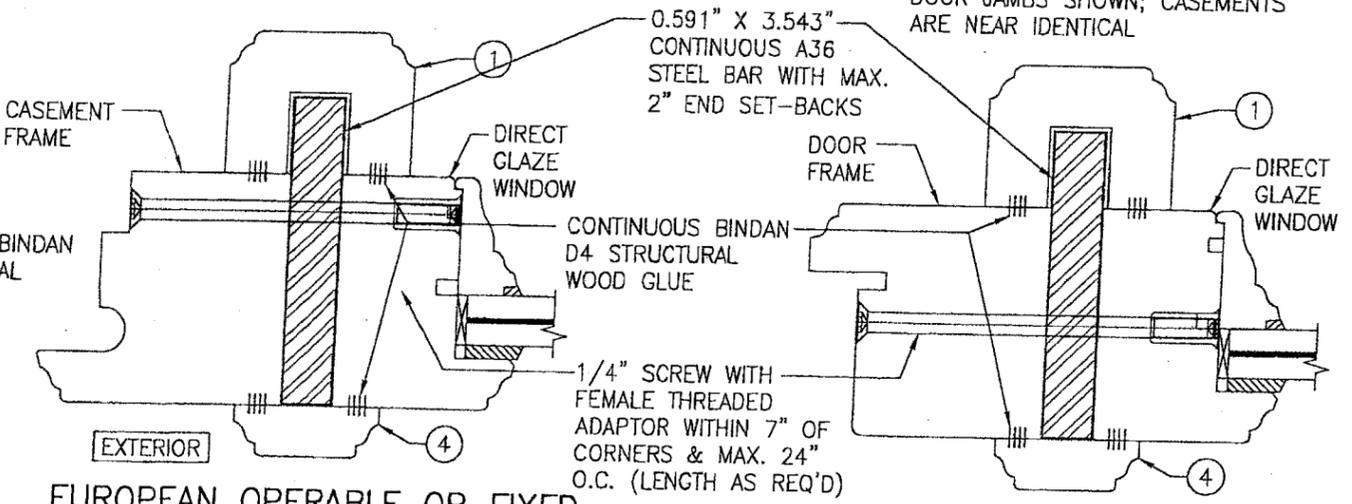


AMERICAN OPERABLE & FIXED PANEL IN-SWING DOORS OR CASEMENT WINDOWS

DOOR JAMBS SHOWN; CASEMENTS ARE NEAR IDENTICAL

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

DOOR JAMBS SHOWN; CASEMENTS ARE NEAR IDENTICAL

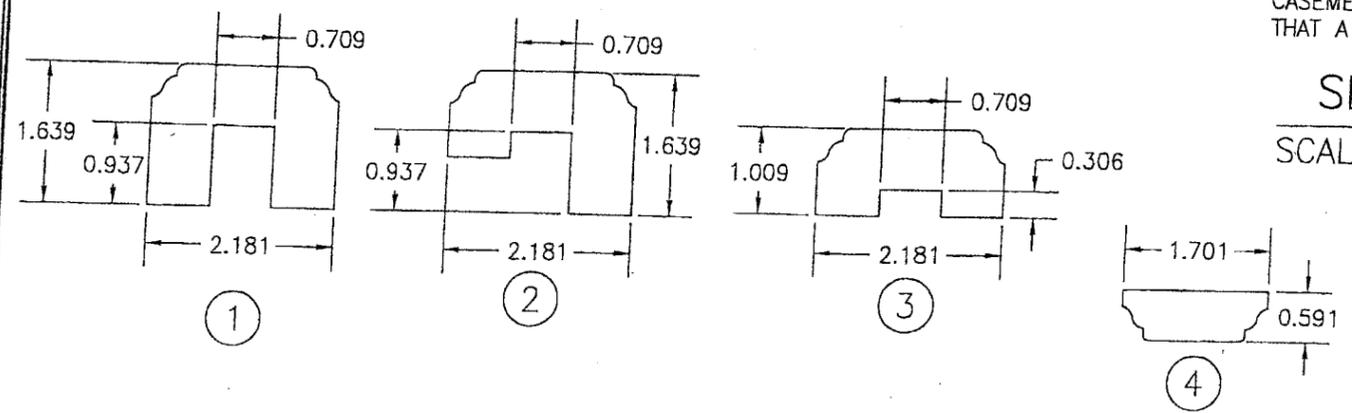


EUROPEAN OPERABLE OR FIXED PANEL IN-SWING CASEMENT WINDOWS TO DIRECT GLAZE WINDOW

CASEMENT TO CASEMENT IS THE SAME EXCEPT THAT A CASEMENT FRAME IS ON EACH SIDE.

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

DOOR TO DOOR IS THE SAME EXCEPT THAT A DOOR FRAME IS ON EACH SIDE.



SECTIONS
SCALE: 1/2 FULL

- 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. THE FOLLOWING ARE APPLICABLE WOOD MATERIALS FOR PARTS NO. 1 THROUGH 4: MERANTI, MERBAU, DOUSSIE, SIPO, SAPELLI OR HONDURAS MAHOGANY OR OAK. ALL WOOD IS TO BE MIN GRADE 2 MILLED BY PEETZ TO SELECT.
 3. DIMENSIONS OF PARTS 1 THROUGH 4 ARE MINIMUMS AND MAY BE INCREASED.

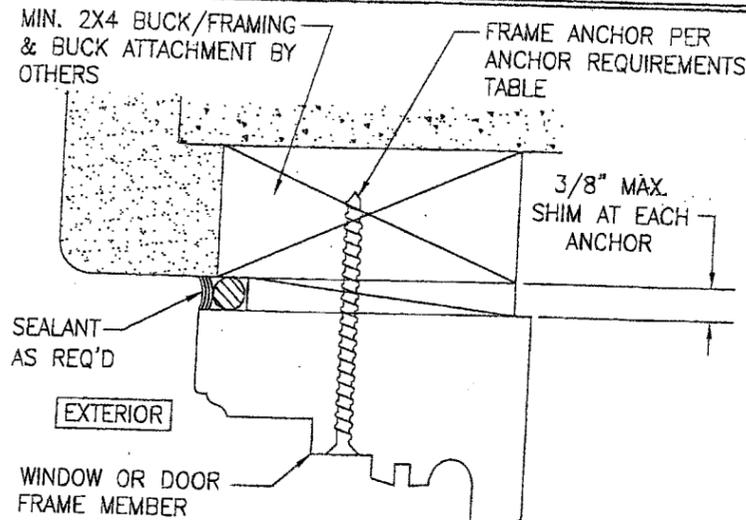
Approved as complying with the Florida Building Code
Date 12/22/05
NOA# 05-0326-04
Miami Dade Product Control Division
By *[Signature]*

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

AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS
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: 561-775-4803

DRAWING TITLE AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS	CERTIFICATION NOV 07 2005
DRAWING NO. 1327	REV.
SHEET NO. 3	OF 5

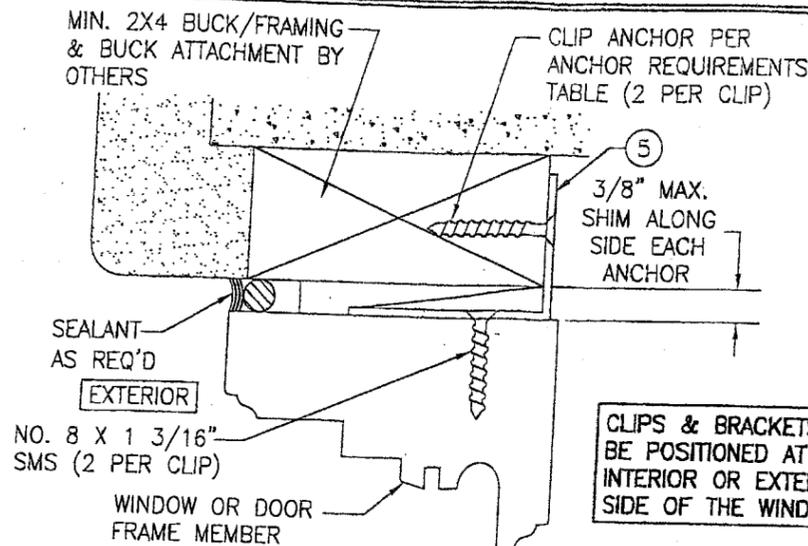


**SHEAR SCREW
INSTALLATION DETAIL**

(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.

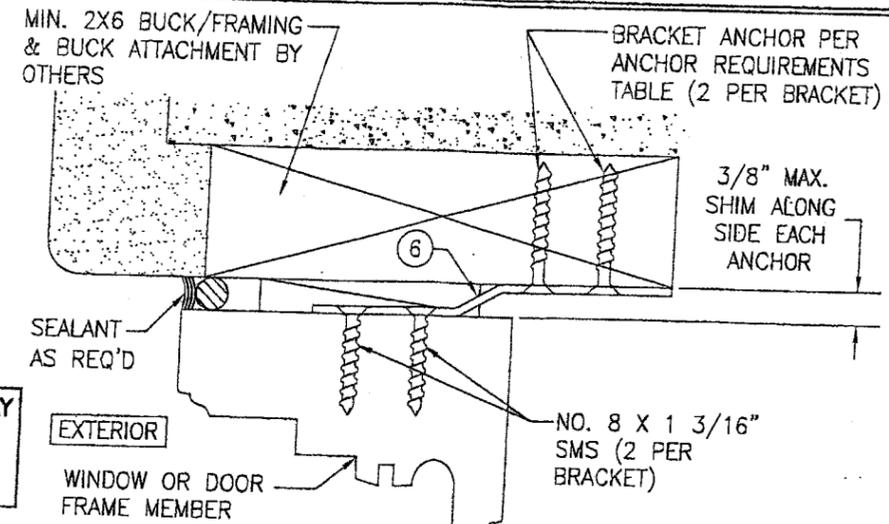


**ANGLE CLIP
INSTALLATION DETAIL**

(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.



**BRACKET
INSTALLATION DETAIL**

(6 BRACKETS PER MULLION END)

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

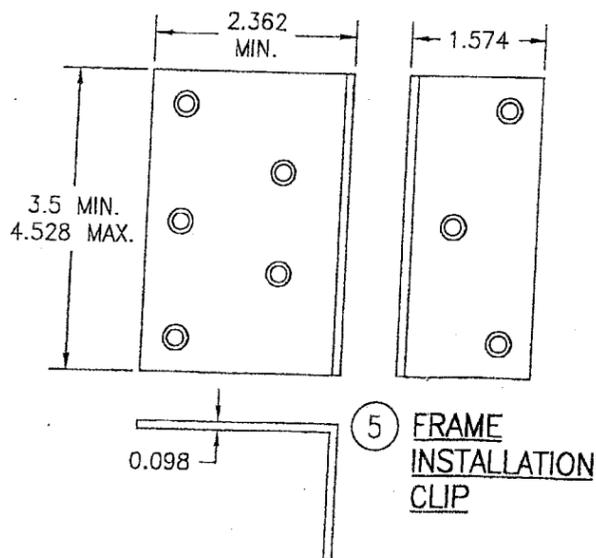
BUCK CONDITION SHOWN. METAL STUD, STRUCTURAL STEEL, BLOCK OR CONCRETE SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON THIS SHEET.

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.

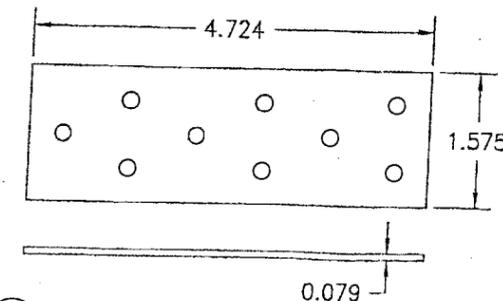
FRAME ANCHOR REQUIREMENTS TABLE

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"
ANGLE 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"
CMU/CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"

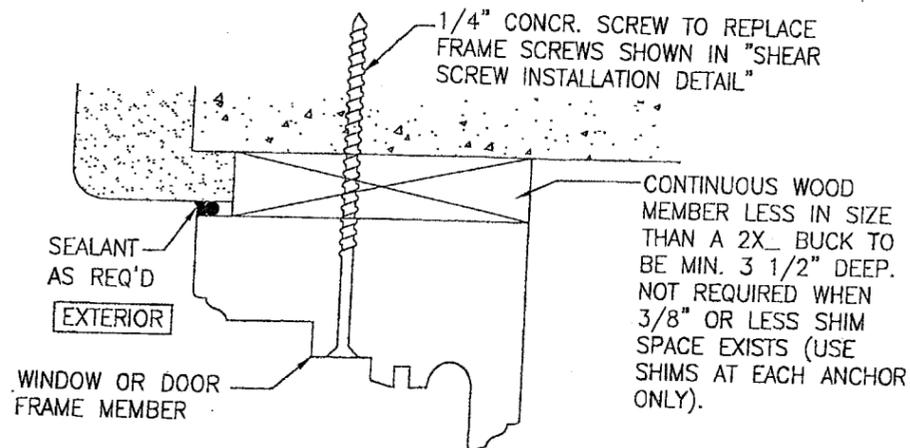
(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).



**5 FRAME
INSTALLATION
CLIP**



6 FRAME INSTALLATION BRACKET



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

Approved as complying with the Florida Building Code
Date 12/22/05
NOA# 05-032604
Miami Code Product Control
Division
By *[Signature]*

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

AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS
MANUFACTURER
PEETZ WINDOWS & DOORS
5783 S.W. 40TH STREET; PMB 220
MIAMI, FL 33155
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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
NOV 07 2005
DRAWING NO. 1327
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
	30	70.0
	72	38.1
120	66	41.6
	60	45.8
	54	50.9
	48	57.2
	42	65.4
	39	70.0
	72	47.1
108	66	51.4
	60	56.5
	54	62.8
	48	70.0
96	72	59.6
	66	65.0
	60	70.0
90	72	67.8
	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	41.6
	60	45.8
120	54	50.9
	48	57.2
	42	65.4
	39	70.0
	66	50.7
	60	55.7
	54	61.9
108	48	69.7
	42	70.0
	66	57.0
	60	62.7
96	54	69.7
	48	70.0
	66	60.8
90	60	66.9
	54	70.0
84	66	65.1
	60	70.0
78	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
90	84	58.1
	78	62.6
	72	67.8
	66	70.0
84	90	62.3
	84	66.7
	78	70.0
78	90	70.0

LOAD TABLE 4.0		
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)
132	60	28.3
	48	35.3
	42	40.4
	36	47.1
	30	56.6
	24	70.0
	84	26.9
	72	31.4
	60	37.6
	48	47.0
120	42	53.8
	36	62.7
	30	70.0
	90	32.2
	84	34.5
	72	40.3
	60	48.3
	48	60.4
	42	69.1
	36	70.0
96	90	40.8
	84	43.7
	72	50.1
	60	61.2
	48	70.0
	90	44.6
90	84	47.8
	72	55.7
	60	66.9
	54	70.0
	90	47.8
	84	51.2
84	72	59.7
	60	70.0
	90	51.4
	84	55.1
78	72	64.3
	66	70.0
	90	55.7
	84	59.7
72	72	69.7
	66	70.0
	90	60.8
	84	65.1
66	72	70.0
	90	66.9
	84	70.0
60	90	70.0
	84	70.0
54	90	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.

Approved as complying with the Florida Building Code
 Date 12/22/05
 NOA# 05-0746.04
 Miami Code Product Control
 Division
 By *[Signature]*

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 06/22/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS			
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 NOV 07 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1327		REV.	
SHEET NO. 5 OF 5			