



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 372-6339

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**Pella Corporation  
102 Main Street  
Pella, IA 50219**

**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: Clipped, Steel Reinforced and Unreinforced Aluminum Mullion – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **1252**, titled "Plate Mullion," sheets 1 through 4 of 4, dated 09/14/04, 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 Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

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

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

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

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

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA renews NOA # **05-0105.01** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



NOA No. 09-1116.08  
Expiration Date: March 24, 2015  
Approval Date: February 17, 2010  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1252**, titled "Plat Mullion" Sheets 1 through 4 of 4, dated 09/14/04, 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) 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 203-94  
along with installation diagram of mulled window assemblies, prepared by Architectural Testing, Test Report No. **ATI-02-50043.01**, dated 03/23/04, signed and sealed by Steven M. Urich, P.E.  
*(Submitted under previous NOA #05-0105.01)*

**C. CALCULATIONS:**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W.W. Schaefer Engineering & Consulting P.A., dated 10/27/09, signed and sealed by Warren W. Schaefer, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

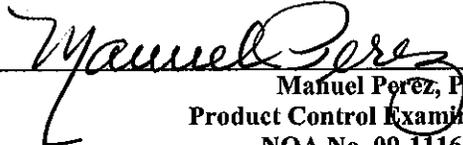
1. None.

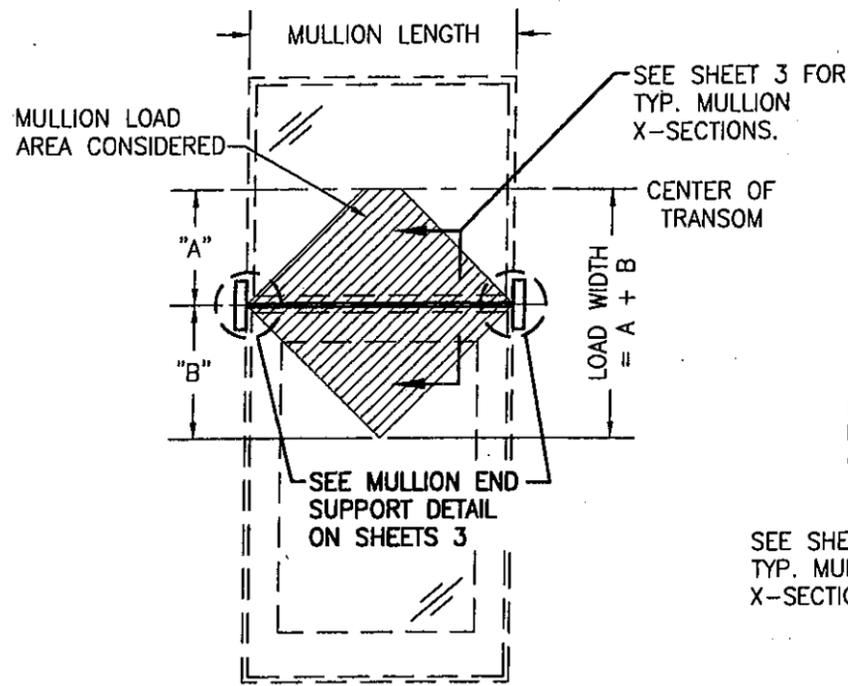
**F. STATEMENTS**

1. Statement letter of conformance, dated October 27, 2009, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated October 27, 2009, signed and sealed by Warren W. Schaefer, P.E.

**G. OTHERS**

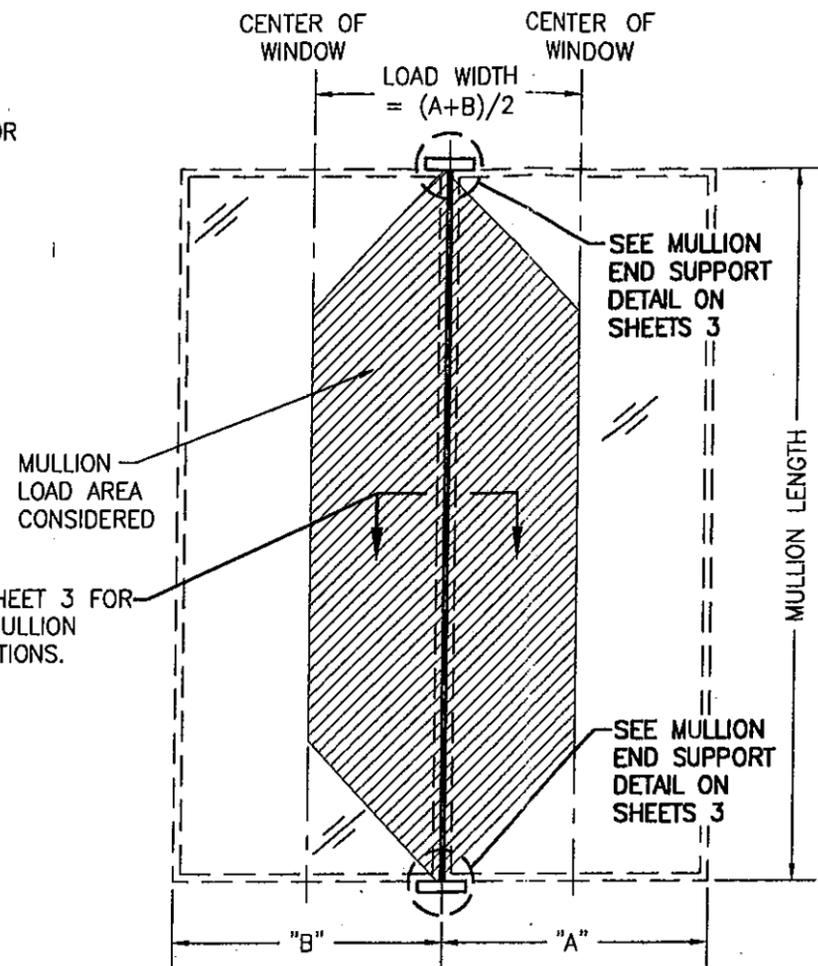
1. Notice of Acceptance No. **05-0105.01**, issued to Pella Corporation for their Clipped Mullion System for Hurricane Impact, approved on 03/24/05 and expiring on 03/24/10.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 09-1116.08  
Expiration Date: March 24, 2015  
Approval Date: February 17, 2010



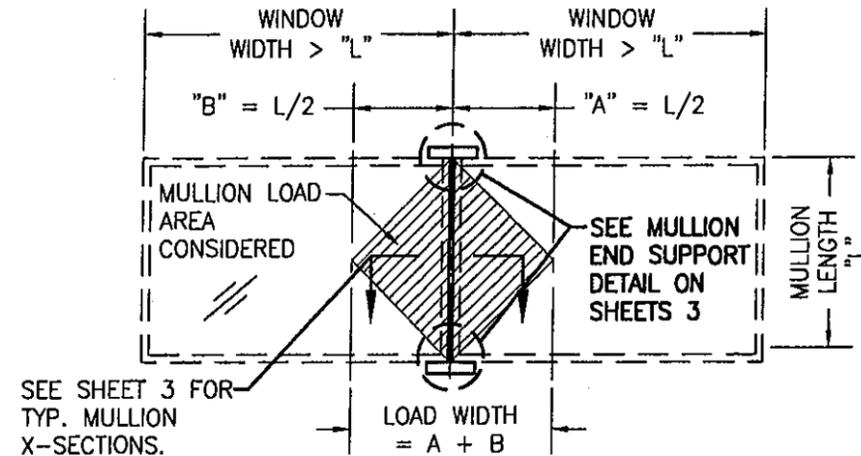
"A" = LESSER OF (MULLION LENGTH/2) OR (TRANSOM HEIGHT/2)  
 "B" = MULLION LENGTH/2  
**SINGLE WINDOW OR DOOR WITH FIXED TRANSOM**  
 (SEE LOAD TABLE 1.0)

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

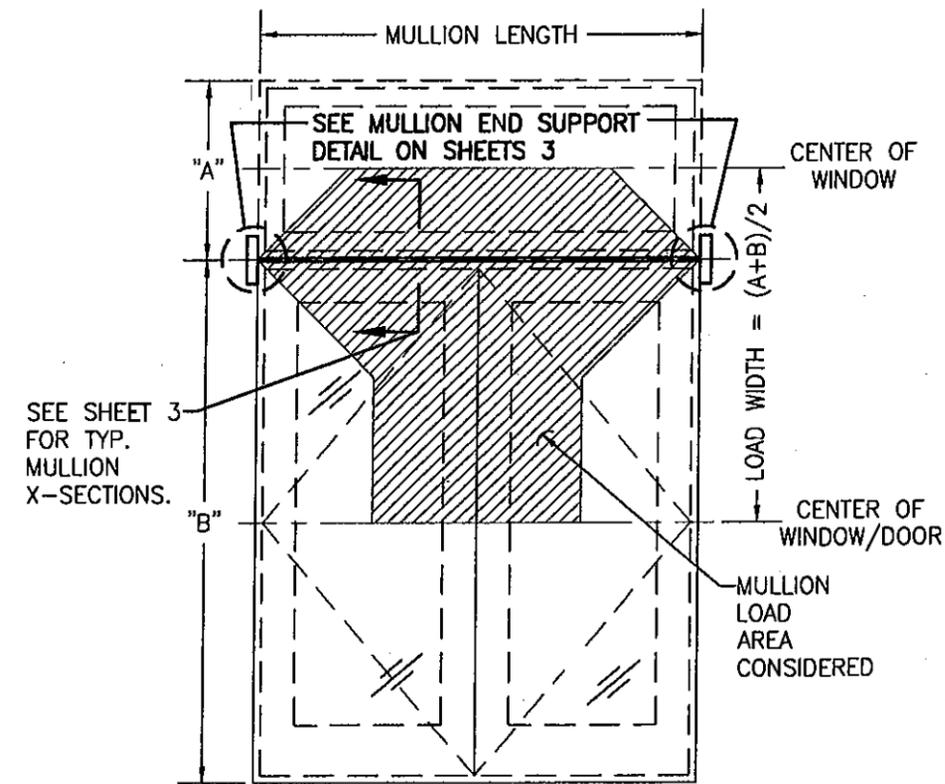


**FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE LESS THAN OR EQUAL TO THE MULLION LENGTH**  
 (SEE LOAD TABLE 1.0)

NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL



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



**DOUBLE PANEL DOOR OR CASEMENT WINDOW (IN A SINGLE FRAME) WITH A SINGLE FIXED TRANSOM**  
 (SEE LOAD TABLE 2.0)

NOTE: DOORS & WINDOWS MAY BE SWING OR SLIDING.

**GENERAL NOTES (ALL DRAWING SHEETS):**

- DOORS & WINDOWS SHALL BE UNDER SEPERATE N.O.A. SEE THE PRODUCTS SPECIFIC N.O.A. FOR THEIR USE.
- THESE MULLION SYSTEMS HAVE BEEN ANALYZED AND CERTIFIED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE LOAD TABLES.
- OPENINGS, INCLUDING BUCKS (IF USED AS SUPPORT), MUST BE DESIGNED & CONSTRUCTED TO WITHSTAND WIND LOADS TRANSFERRED BY THE MULLIONS END REACTIONS & SUPPORTED WINDOWS/DOORS.
- ALL MATERIALS & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
- THESE MULLION SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
- ANY ALUMINUM CLAD WOOD PRODUCT APPROVED WINDOW/DOOR MAY BE SUPPORTED BY THESE MULLIONS PROVIDING THEY ARE PROPERLY ANCHORED TO THE MULLION & THE FRAME CROSS SECTION IS NO SMALLER THAN THE FRAME SECTIONS SHOWN IN THE MULLION DETAILS.
- ALLOWABLE PRESSURE ON THE MULLED UNIT SHALL BE CONTROLLED BY THE LESSER ALLOWABLE PRESSURE OF THE MULLION OR THE INDIVIDUAL DOOR/WINDOW UNITS.
- WINDOW/DOOR SIZES SHALL BE AS RESTRICTED BY THEIR OWN INDIVIDUAL APPROVALS.
- FOR WINDOW OR DOOR FRAME TO OPENING ATTACHMENT, SEE THE RESPECTIVE PRODUCT APPROVAL DRAWINGS/SPECIFICATIONS FOR THE WINDOW/DOOR.

- MULLION LENGTHS & LOAD WIDTHS ARE RESTRICTED BY THOSE SHOWN IN THE TABLES.
- THE LOADS IN THESE TABLES CONSIDER WORSE CASE OF MULLION STRESS, DEFLECTION AND END REACTION.
- ANY CONDITIONS NOT COVERED IN THIS CERTIFICATION SHALL BE SUBJECT TO SEPERATE ENGINEERING REVIEW.
- ALL PLATE MULLIONS SHALL BE 6061-T6 ALUMINUM. ALL CONNECTION CLIPS SHALL BE MIN. 316L STAINLESS STEEL.
- PLATE MULLIONS MUST BE CONTINUOUS FROM END TO END.
- 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.
- THIS MULLION PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS-201, TAS-202 & TAS-203 FOR LARGE MISSILE IMPACT, STRUCTURAL & CYCLIC TESTING.
- THESE MULLIONS ARE ACCEPTABLE FOR USE WITH IMPACT & NON-IMPACTED RATED WINDOWS & DOORS.

PRODUCT RENEWED as complying with the Florida Building Code  
 Building Code Acceptance No. 09-1116-08  
 Expiration Date MARCH 24, 2015  
 By *Maureen Pera*  
 Miami Dade Product Control Division

Approved as complying with the Florida Building Code  
 Date 03/24/05  
 NOAH 05-0105-01  
 Miami Dade Product Control Division  
 By *M. Shark*

DRAWN BY:	K.P.S.	CHECKED BY:	W.W.S.
PLOT:	1=24	DATE:	09/14/04
NO.	REVISION	DESCRIPTION	BY

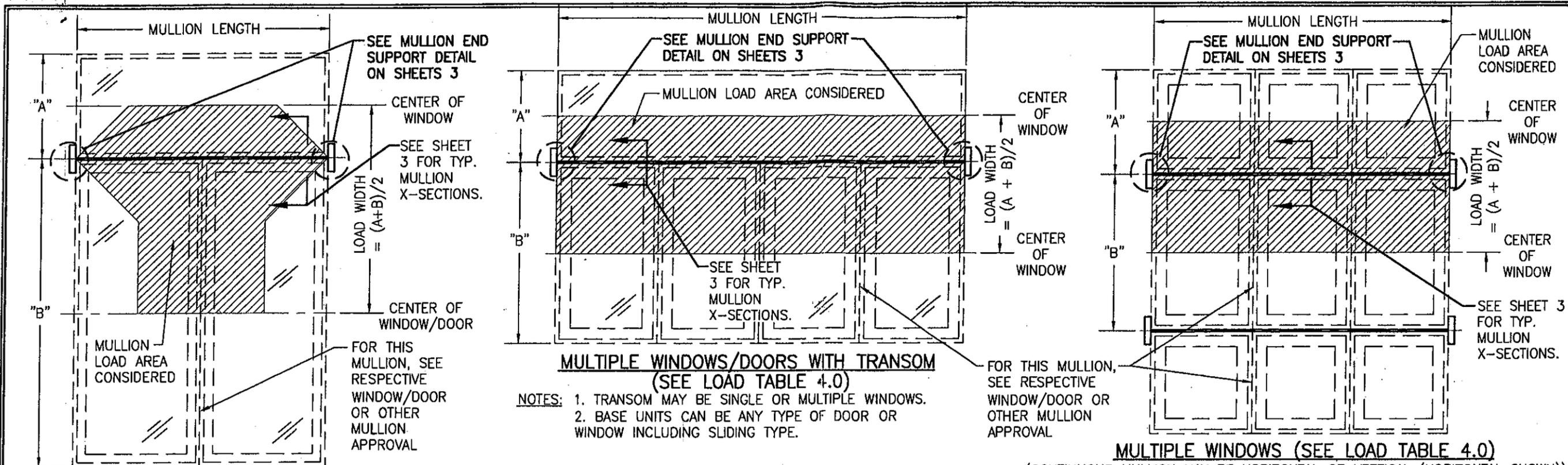
PELLA CORPORATION  
 102 MAIN STREET  
 PELLA, IA 50219  
 641-621-1000

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: **PLATE MULLION**

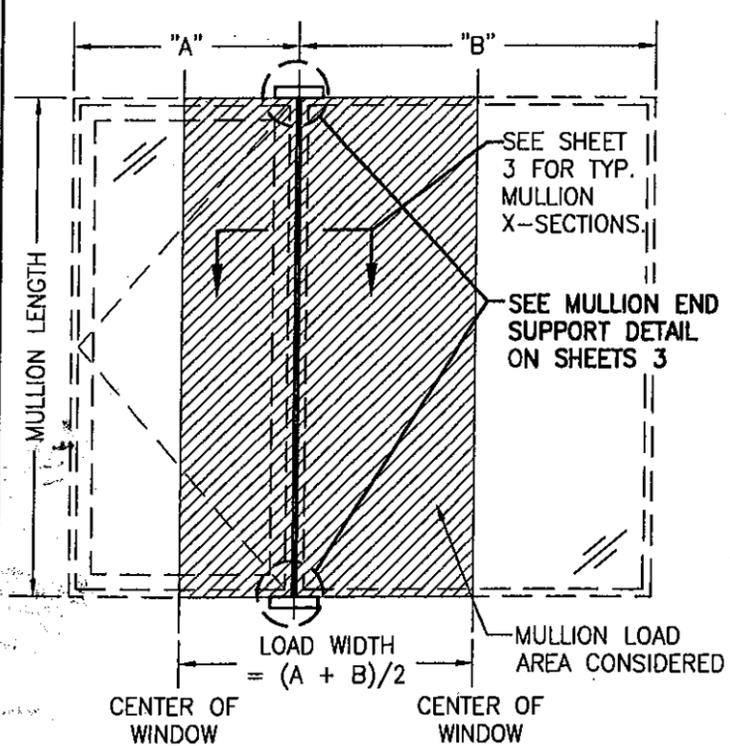
CERTIFICATION  
 SEP 15 2004  
 WARREN W. SCHAEFER, P.E.  
 P.E. NO. 44135

DRAWING NO. 1252  
 SHEET NO. 1 OF 4

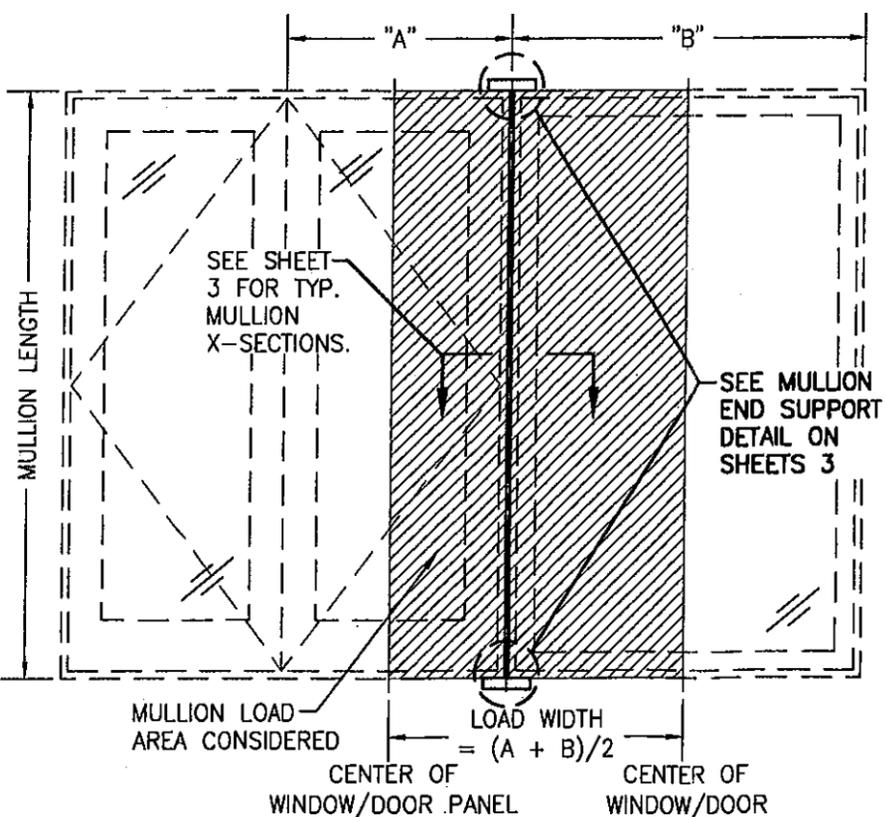


**TWO (2) SINGLE DOORS OR WINDOWS WITH A SINGLE FIXED TRANSOM (SEE LOAD TABLE 3.0)**

NOTE: DOORS/WINDOWS MAY BE OPERABLE OR FIXED.

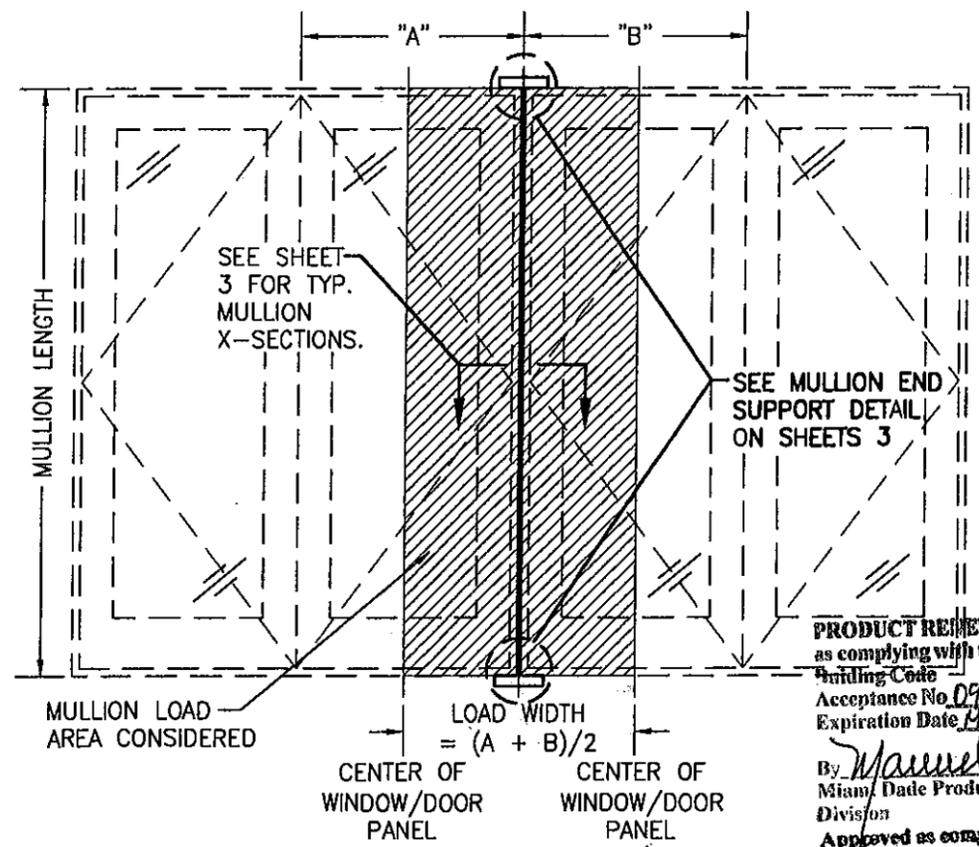


**SINGLE OPERABLE DOOR/WINDOW TO A SINGLE OPERABLE OR FIXED DOOR/WINDOW (SEE LOAD TABLE 5.0)**



**DOUBLE PANEL OPERABLE DOOR/WINDOW TO A SINGLE DOOR OR FIXED SIDELIGHT (SEE LOAD TABLE 5.0)**

NOTE: DOORS & WINDOWS MAY BE EITHER SWING OR SLIDING.



**DOUBLE PANEL OPERABLE DOOR/WINDOW TO A DOUBLE PANEL OPERABLE DOOR/WINDOW (SEE LOAD TABLE 5.0)**

NOTE: DOORS & WINDOWS MAY BE EITHER SWING OR SLIDING.

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 09/14/04
NO.	REVISION DESCRIPTION

**PELLA CORPORATION**  
102 MAIN STREET  
PELLA, IA 50219  
641-621-1000

**PELLA**  
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

DRAWING TITLE: **PLATE MULLION**

**PRODUCT REVIEWED**  
as complying with the Florida Building Code  
Acceptance No. 09-1116-08  
Expiration Date MARCH 29, 2019

By: *Warren W. Schaefer*  
Miami Dade Product Control Division  
Approved as complying with the Florida Building Code  
Date 03/24/05  
NOA# 05-0105-01  
Miami Dade Product Control Division  
By: *M. Khank*

CERTIFICATION  
SEP 15 2004

WARREN W. SCHAEFER, P.E.  
P.E. NO. 44153

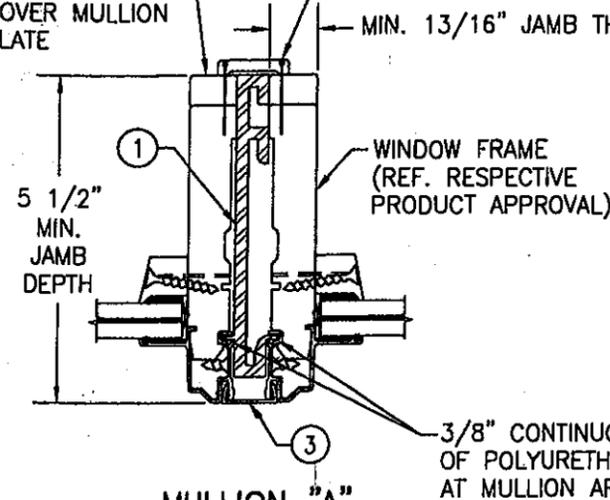
DRAWING NO. 1252  
SHEET NO. 2 OF 4

**Physical Properties**

$I_x = 3.705 \text{ in}^4$  (alum)  
 $S_x = 1.419 \text{ in}^3$

MIN. 1/4" X 1 3/16"  
 CONTINUOUS INTERIOR WOOD  
 MULLION COVER SECURED  
 TO EACH FRAME WITH MIN.  
 18 GA. X 1" PIN NAILS 4"  
 FROM ENDS & 18" O.C.

EXTEND  
 STANDARD JAMB  
 DEPTH AS  
 REQUIRED TO  
 COVER MULLION  
 PLATE



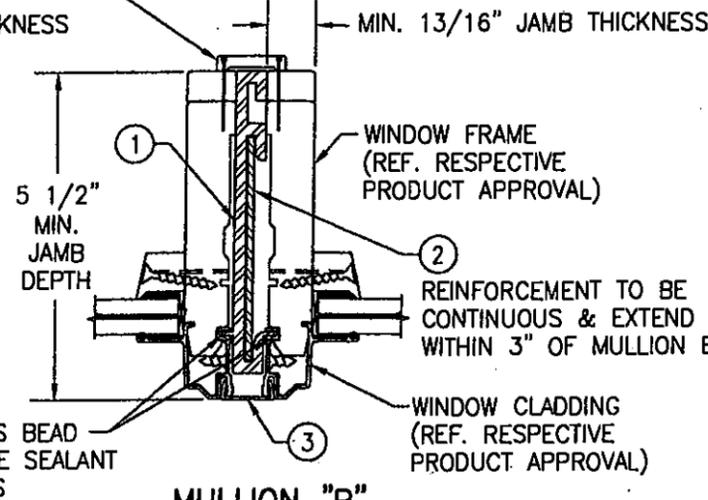
**MULLION "A"**

(WITHOUT S.S. BAR REINFORCEMENT)

DIRECT GLAZED WINDOW FRAMES SHOWN.  
 OTHER PRODUCT APPROVED PELLA ALUMINUM  
 CLAD WOOD PRODUCT FRAMES ALSO  
 APPLICABLE PROVIDING FRAME CROSS  
 SECTION SIZES ARE EQUAL TO OR GREATER  
 THAN THOSE SHOWN

**Physical Properties**

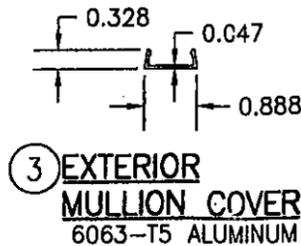
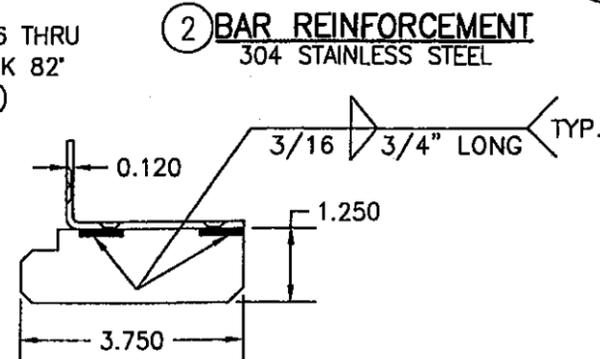
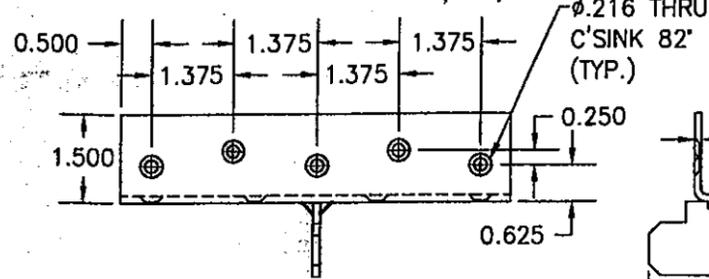
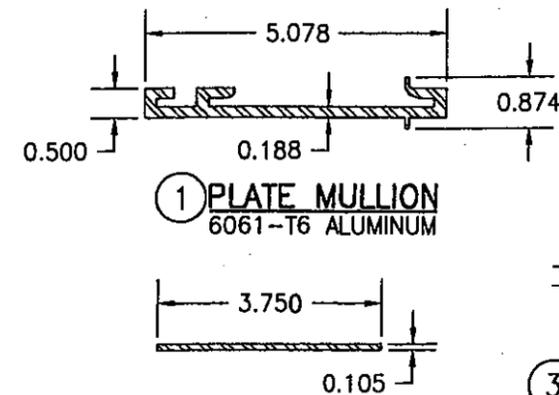
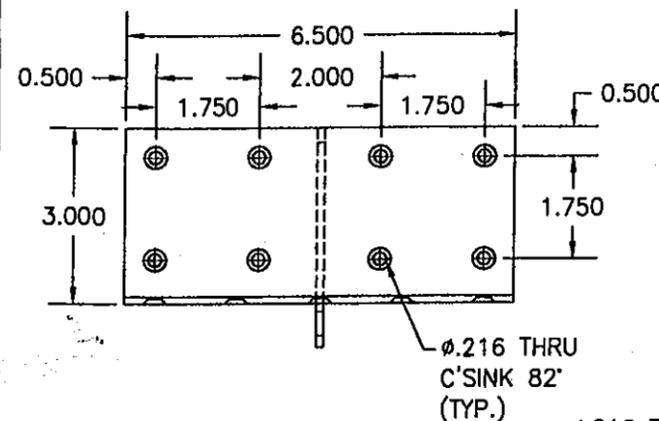
$I_x = 5.206 \text{ in}^4$  (alum)  
 $S_x = 1.921 \text{ in}^3$



**MULLION "B"**

(WITH S.S. BAR REINFORCEMENT)

DIRECT GLAZED WINDOW FRAMES SHOWN.  
 OTHER PRODUCT APPROVED PELLA ALUMINUM  
 CLAD WOOD PRODUCT FRAMES ALSO  
 APPLICABLE PROVIDING FRAME CROSS  
 SECTION SIZES ARE EQUAL TO OR GREATER  
 THAN THOSE SHOWN



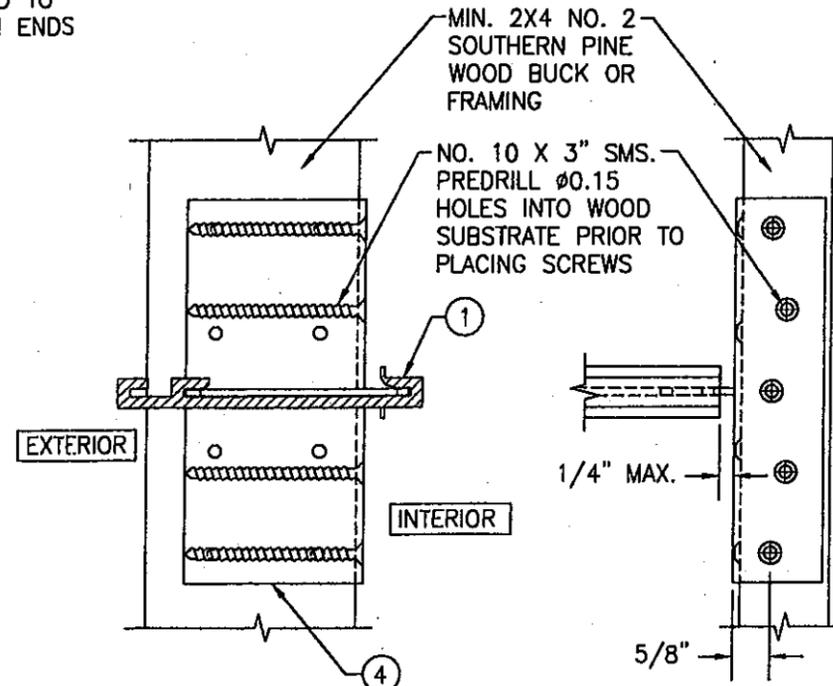
4 MULLION END CLIP  
316L STAINLESS STEEL

**INSTRUCTIONS FOR TABLE USE:**

1. DETERMINE REQUIRED WIND PRESSURE FOR THE OPENING.
2. DETERMINE THE MULLION LENGTH & LOAD WIDTH USING THE APPLICABLE ELEVATION ON SHEETS 1 & 2.
3. FIND ALLOWABLE PRESSURE UNDER APPLICABLE MULLION TYPE.
4. MULLION "A" = NON-REINFORCED PLATE MULLION (SEE MULLION CROSS SECTIONS ON SHEET 3)  
 MULLION "B" = BAR REINFORCED PLATE MULLION (SEE MULLION CROSS SECTIONS ON SHEET 3)

**TABLE NOTES:**

1. INDIVIDUAL UNIT SIZES & SHUTTER REQUIREMENTS ARE LIMITED BY THEIR OWN INDIVIDUAL "CERTIFICATION".
2. IN ORDER TO SIMPLIFY TABLES, TABLE PRESSURES ARE LIMITED TO 100 PSF.
3. MULLION 1/3 STRESS INCREASE HAS NOT BEEN CONSIDERED IN THE CALCULATION OF THESE PRESSURES.



**TYPICAL MULLION END SUPPORT**

**LOAD TABLE 1.0**

MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	
		MULLION "A"	MULLION "B"
72	72	83.2	100.0
	66	90.8	100.0
	60	99.9	100.0
78	72	70.9	94.5
	66	77.3	100.0
	60	85.1	100.0
	54	94.5	100.0
84	48	100.0	100.0
	72	61.1	75.7
	66	66.7	82.6
	60	73.4	90.8
	54	81.5	100.0
90	48	91.7	100.0
	42	100.0	100.0
	72	53.3	61.5
	66	58.1	67.1
	60	63.9	73.9
	54	71.0	82.1
96	48	79.9	92.3
	42	91.3	100.0
	36	100.0	100.0
	72	46.8	50.7
	66	51.1	55.3
	60	56.2	60.9
	54	62.4	67.6
108	48	70.2	76.1
	42	80.2	86.9
	36	93.6	100.0
	30	100.0	100.0
	72	35.5	35.6
	66	38.7	38.9
	60	42.6	42.7
	54	47.3	47.5
120	48	53.3	53.4
	42	60.9	61.1
	36	71.0	71.2
	30	85.2	85.5
	24	100.0	100.0
	72	-	26.0
	66	28.2	28.3
	60	31.1	31.2
	54	34.5	34.6
48	38.8	38.9	
42	44.4	44.5	
36	51.8	51.9	
30	62.1	62.3	
24	77.6	77.9	

DRAWN BY: K.P.S. CHECKED BY: W.W.S.  
 PLOT: 1-3 DATE: 09/14/04

REVISION DESCRIPTION

NO. BY DATE

PELLA CORPORATION  
 102 MAIN STREET  
 PELLA, IA 50219  
 641-621-1000

MANUFACTURER

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: PLATE MULLION

CERTIFICATION  
 SEP 15 2004

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

DRAWING NO. 1252  
 SHEET NO. 3 OF 4

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Date 03/23/05  
 Acceptance No. 09-1116.08  
 Expiration Date MARCH 24, 2015  
 By: *Manuel Perez*  
 Miami Dade Product Control  
 Division

Approved as complying with the  
 Florida Building Code  
 Date 03/23/05  
 NOAH 05-0105-01  
 Miami Dade Product Control  
 Division  
 By: *M. Schaefer*

LOAD TABLE 2.0			
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	
		MULLION "A"	MULLION "B"
60	84	100.0	100.0
66	84	84.9	93.5
	78	91.4	100.0
	72	99.0	100.0
	66	100.0	100.0
72	84	71.3	85.7
	78	76.8	92.3
	72	83.2	100.0
	66	90.8	100.0
	60	99.9	100.0
78	84	60.8	79.1
	78	65.4	85.2
	72	70.9	92.3
	66	77.3	100.0
	60	85.1	100.0
	54	94.5	100.0
84	84	52.4	64.9
	78	56.4	69.9
	72	61.1	75.7
	66	66.7	82.6
	60	73.4	90.8
	54	81.5	100.0
	48	91.7	100.0
	42	100.0	100.0
90	84	45.6	52.8
	78	49.2	56.8
	72	53.3	61.5
	66	58.1	67.1
	60	63.9	73.9
	54	71.0	82.1
	48	79.9	92.3
	42	91.3	100.0
	36	100.0	100.0
96	84	40.1	43.5
	78	43.2	46.8
	72	46.8	50.7
	66	51.1	55.3
	60	56.2	60.9
	54	62.4	67.6
	48	70.2	76.1
	42	80.2	86.9
	36	93.6	100.0
	30	100.0	100.0

LOAD TABLE 3.0			
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	
		MULLION "A"	MULLION "B"
60	84	100.0	100.0
66	84	84.9	93.5
	78	91.4	100.0
	72	99.0	100.0
	66	100.0	100.0
72	84	71.3	85.7
	78	76.8	92.3
	72	83.2	100.0
	66	90.8	100.0
	60	99.9	100.0
78	84	57.7	79.1
	78	62.1	85.2
	72	67.3	92.3
	66	73.4	100.0
	60	80.7	100.0
	54	89.7	100.0
84	84	46.2	64.9
	78	49.7	69.9
	72	53.9	75.7
	66	58.8	82.6
	60	64.7	90.8
	54	71.8	100.0
	48	80.8	100.0
	42	92.4	100.0
90	84	37.5	52.8
	72	43.8	61.5
	66	47.8	67.1
	60	52.6	73.9
	54	58.4	82.1
	48	65.7	92.3
	42	75.1	100.0
	36	87.6	100.0
	30	100.0	100.0
96	84	30.9	43.5
	72	36.1	50.7
	66	39.4	55.3
	60	43.3	60.9
	54	48.1	67.6
	48	54.1	76.1
	42	61.9	86.9
	36	72.2	100.0
	30	84.0	100.0
	24	96.0	100.0
108	84	25.3	30.5
	72	25.3	35.6
	66	27.7	38.9
	60	30.4	42.7
	54	33.8	47.5
	48	38.0	53.4
	42	43.5	61.1
	36	50.7	71.2
	30	58.4	82.1
	24	67.6	90.8
120	84	21.7	28.3
	72	21.7	31.2
	60	24.3	34.6
	48	27.7	38.9
	42	31.7	44.5
	36	37.0	51.9

LOAD TABLE 4.0			
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	
		MULLION "A"	MULLION "B"
48	72	100.0	100.0
54	72	93.3	93.3
	66	100.0	100.0
60	84	72.0	72.0
	78	77.5	77.5
	72	84.0	84.0
	66	91.6	91.6
	60	100.0	100.0
66	84	65.5	65.5
	78	70.5	70.5
	72	76.4	76.4
	66	83.3	83.3
	60	91.6	91.6
	54	100.0	100.0
72	90	56.0	56.0
	84	60.0	60.0
	78	64.6	64.6
	72	70.0	70.0
	66	76.4	76.4
	60	84.0	84.0
	54	93.3	93.3
	48	100.0	100.0
78	90	51.7	51.7
	84	55.4	55.4
	78	59.6	59.6
	72	64.6	64.6
	66	70.5	70.5
	60	77.5	77.5
	54	86.2	86.2
	48	96.9	96.9
	42	100.0	100.0
84	90	43.1	48.0
	84	46.2	51.4
	78	49.7	55.4
	72	53.9	60.0
	66	58.8	65.5
	60	64.7	72.0
	54	71.8	80.0
	48	80.8	90.0
	42	92.4	100.0
	36	100.0	100.0
90	90	35.0	44.8
	84	37.5	48.0
	78	40.4	51.7
	72	43.8	56.0
	66	47.8	61.1
	60	52.6	67.2
96	90	28.9	40.6
	84	30.9	43.5
	78	33.3	46.8
	72	36.1	50.7
	66	39.4	55.3
	60	43.3	60.9
	54	48.1	67.6
	48	54.1	76.1
	42	61.9	86.9
	36	72.2	100.0
108	90	28.5	38.9
	84	30.5	42.7
	78	32.9	47.5
	72	35.6	53.4
	66	38.9	61.1
	60	42.7	71.2
	54	47.5	85.5
	48	53.4	100.0
	42	60.9	100.0
	36	76.0	100.0
120	90	28.3	38.9
	84	31.2	44.5
	78	34.6	51.9
	72	38.9	62.3
	66	44.4	77.9
	60	51.9	92.3
132	48	29.3	39.0
	42	33.4	46.8
	36	39.0	58.5
	30	46.8	71.2
144	48	25.8	36.1
	42	30.1	45.1
	36	36.1	51.9
	30	45.1	67.2

LOAD TABLE 5.0			
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	
		MULLION "A"	MULLION "B"
60	60	100.0	100.0
66	60	91.6	91.6
	54	100.0	100.0
72	60	84.0	84.0
	54	93.3	93.3
	48	100.0	100.0
	42	100.0	100.0
78	60	77.5	77.5
	54	86.2	86.2
	48	96.9	96.9
	42	100.0	100.0
	36	100.0	100.0
84	60	72.0	72.0
	54	80.0	80.0
	48	90.0	90.0
	42	100.0	100.0
	36	100.0	100.0
	30	100.0	100.0
90	60	63.9	67.2
	54	71.0	74.7
	48	79.9	84.0
	42	91.3	96.0
	36	100.0	100.0
	30	100.0	100.0
	24	100.0	100.0
96	60	56.2	60.9
	54	62.4	67.6
	48	70.2	76.1
	42	80.2	86.9
	36	93.6	100.0
	30	100.0	100.0
	24	100.0	100.0
	18	100.0	100.0
108	60	42.6	42.7
	54	47.3	47.5
	48	53.3	53.4
	42	60.9	61.1
	36	71.0	71.2
	30	85.2	85.5
	24	100.0	100.0
	18	100.0	100.0
	12	100.0	100.0
120	60	31.1	31.2
	54	34.5	34.6
	48	38.8	38.9
	42	44.4	44.5
	36	51.8	51.9
	30	62.1	62.3

**TABLE NOTES:**

- INDIVIDUAL UNIT SIZES & SHUTTER REQUIREMENTS ARE LIMITED BY THEIR OWN INDIVIDUAL "CERTIFICATION".
- IN ORDER TO SIMPLIFY TABLES, TABLE PRESSURES ARE LIMITED TO 100 PSF.
- MULLION 1/3 STRESS INCREASE HAS NOT BEEN CONSIDERED IN THE CALCULATION OF THESE PRESSURES.

**INSTRUCTIONS FOR TABLE USE:**

- DETERMINE REQUIRED WIND PRESSURE FOR THE OPENING.
- DETERMINE THE MULLION LENGTH & LOAD WIDTH USING THE APPLICABLE ELEVATION ON SHEETS 1 & 2.
- FIND ALLOWABLE PRESSURE UNDER APPLICABLE MULLION TYPE.  
MULLION "A" = NON-REINFORCED PLATE MULLION (SEE MULLION CROSS SECTIONS ON SHEET 3)  
MULLION "B" = BAR REINFORCED PLATE MULLION (SEE MULLION CROSS SECTIONS ON SHEET 3)

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. 09-1116.08  
Expiration Date 11/23/2015  
By Warren W. Schaefer  
Miami Dade Product Control Division

Approved as complying with the Florida Building Code  
Date 09/24/08  
NOAH 05-0105.01  
Miami Dade Product Control Division  
By M. Khalil

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=1	DATE: 09/14/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE <b>PLATE MULLION</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER  <b>PELLA CORPORATION</b> 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION <b>SEP 15 2004</b>	WARREN W. SCHAEFER, P.E. NO. 44135Z
DRAWING NO. <b>1252</b>	REV.
SHEET NO. <b>4 OF 4</b>	