



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

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

**WinDoor, Inc.**  
7500 Amsterdam Drive  
Orlando, FL 32832

**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 RER-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. RER 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 "1000/2000 135° Fixed" Clipped, Extruded Aluminum Mullion – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **08-00661**, titled "1000/2000 Series 135° LMI Vertical Mullion 4'-0" x 10'-0" and 5'-0" x 8'-0" Maximum Windows", sheets 1 through 8 of 8, dated 12/17/08, with revision "C", dated 07/25/16, prepared by manufacturer, dated 08/26/16, signed and sealed by Luis R. Lomas, 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, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**REVISION** 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 No. **14-1023.03** 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.**



*WP*  
*10/18/16*

*(Updated design pressure charts & calcs.)*

NOA No. 15-0723.09  
Expiration Date: December 23, 2019  
Approval Date: August 25, 2016  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 08-0902.02)*
2. Drawing No. **08-00661**, titled "1000/2000 Series 135° LMI Vertical Mullion 4'-0" x 10'-0" and 5'-0" x 8'-0" Maximum Windows", sheets 1 through 8 of 8, dated 12/17/08, with revision "C" dated 07/25/16, prepared by manufacturer, dated 08/26/16, signed and sealed by Luis R. Lomas, P.E

**B. TESTS**

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading 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  
along with marked-up drawings and installation diagram of series 1000 fixed windows w/180°aluminum impact mullion, series 2000 fixed windows w/180° mullion, series 1000/ 2000 fixed windows w/ 135°fixed mullion and series 1000/ 2000 fixed windows w/ 135°adjustable mullion, all prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3632-1**, dated 08/26/09, signed and sealed by Gerard J. Ferrara, P.E.  
*(Submitted under NOA No. 08-0902.02)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated 07/16/15 revised on 09/29/16, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

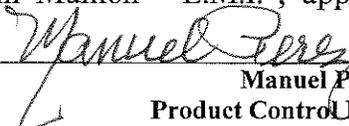
1. None.

**F. STATEMENTS**

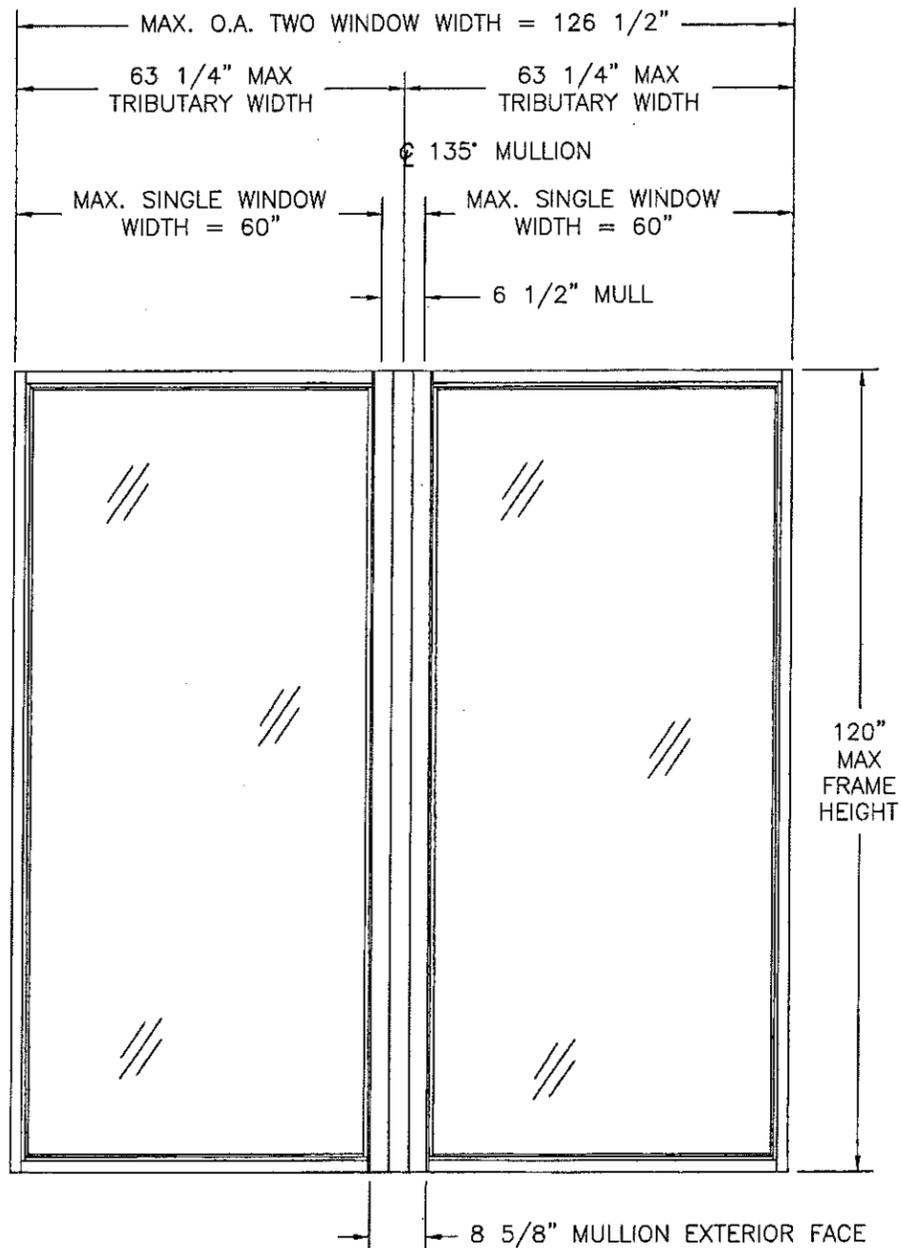
1. Statement letter of conformance, complying with **FBC-5<sup>th</sup> Edition (2014)**, and of no financial interest, dated June 10, 2015, issued, signed and sealed by Luis R. Lomas, P.E.
2. Laboratory compliance letter for Test Report No. **NCTL-210-3632-1**, issued by National Certified Testing Laboratories, dated 08/26/09, signed and sealed by Gerard J. Ferrara, P.E.  
*(Submitted under NOA No. 08-0902.02)*

**G. OTHERS**

1. Notice of Acceptance No. **14-1023.03**, issued to WinDoor, Inc. for their Series "1000/ 2000 135° Fixed" Clipped, Extruded Aluminum Mullion - L.M.I.", approved on 02/26/15 and expiring on 12/23/19.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0723.09

Expiration Date: December 23, 2019  
Approval Date: August 25, 2016



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE 5TH EDITION (2014) INCLUDING THE HVHZ.
2. WOOD FRAMING/2X BUCK, 16GA. STEEL STUD OR MASONRY/CONCRETE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING/2X BUCK, 16GA. STEEL STUD OR MASONRY/CONCRETE OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
4. MULLION MATERIAL: EXTRUDED ALUMINUM 6063-T6
5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
6. DESIGN PRESSURE AND INSTALLATION DETAILS SHOWN IN THIS DOCUMENT APPLY ONLY TO THE MULLION. WINDOWS MUST BE APPROVED UNDER SEPARATE APPROVAL.
7. MASONRY INSTALLATION:  
HIGH DESIGN PRESSURES SEE SHEET 4.  
LOW DESIGN PRESSURES SEE SHEET 5.
8. 2X BUCK/WOOD FRAMING INSTALLATION:  
HIGH DESIGN PRESSURES SEE SHEET 6.  
LOW DESIGN PRESSURES SEE SHEET 7
9. 16GA. STEEL STUD FRAMING INSTALLATION: SEE SHEET 8.
10. SINGLE UNITS TO BE MULLED ARE NOT LIMITED TO THOSE SHOWN IN THIS DRAWING. SINGLE UNITS TO BE MULLED TOGETHER MUST BE MANUFACTURED BY WinDoor INC. AND MUST BE MADE OUT OF EXTRUDED ALUMINUM 6063-T6.
11. DESIGN PRESSURE OF MULLED UNIT SHALL BE CONTROLLED BY THE LESSER DESIGN PRESSURE OF THE MULLION OR THE INDIVIDUAL WINDOW UNIT.
12. TWIN CONFIGURATION SHOWN. UNITS MAY BE MULLED TOGETHER INDEFINITELY AS LONG AS THE SINGLE UNIT WIDTH AND THE SINGLE UNIT HEIGHT ARE NOT EXCEEDED AND MULLION IS ANCHORED AS SHOWN HEREIN.
13. MULLION VERTICAL INSTALLATION IS SHOWN, MULLION MAY BE USED IN HORIZONTAL APPLICATIONS AS LONG AS DIMENSIONS INDICATED HEREIN ARE NOT EXCEEDED AND MULLION IS ANCHORED ACCORDING TO THIS DOCUMENT.
14. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:  
A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42  
B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,350 PSI.  
C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH Fm=2,000PSI MINIMUM.  
D. METAL STUD - 16GA. 33KSI .060" MINIMUM THICKNESS.

**1000/2000 SERIES LARGE MISSILE IMPACT 135° MULLION**  
TYPICAL ELEVATION EXTERIOR VIEW  
DOUBLE SHOWN, MULTIPLES ARE APPROVED, SEE NOTE 12 SHEET 1

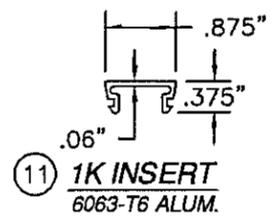
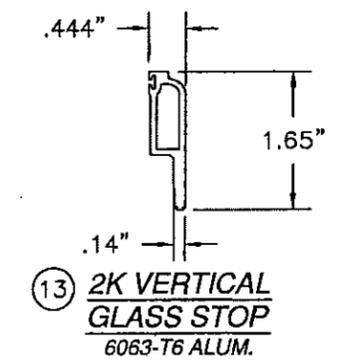
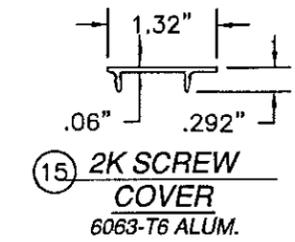
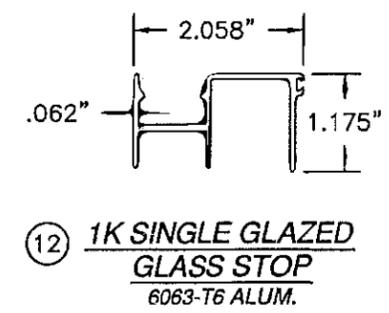
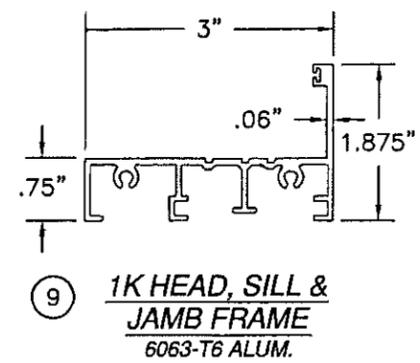
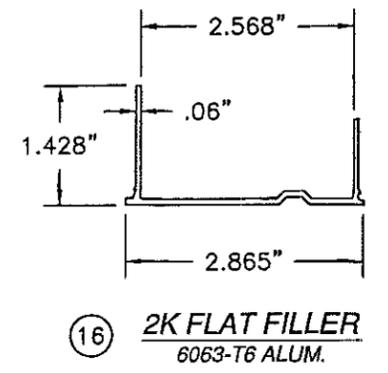
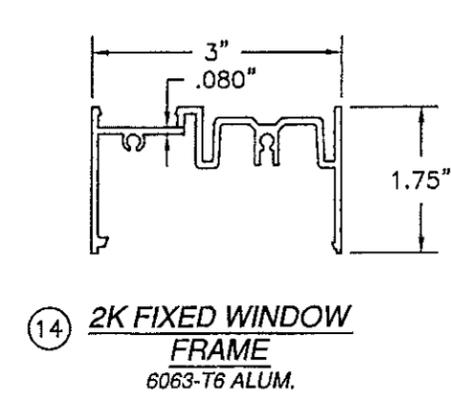
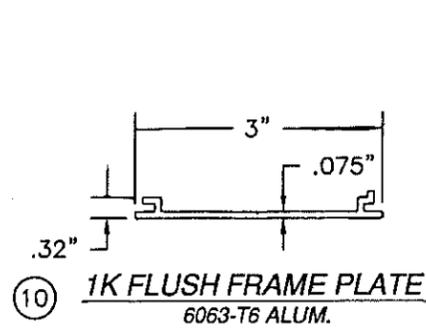
SIGNED: 09/23/2016

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND GENERAL NOTES
2	BILL OF MATERIALS AND COMPONENTS
3	COMPONENTS AND CROSS SECTION
4 - 8	INSTALLATION DETAILS AND DESIGN PRESSURE CHART

<b>WinDoor</b> INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	<b>1000/2000 SERIES 135° LMI VERTICAL MULLION</b> 4'0 x 10'0 AND 5'0 x 8'0 MAXIMUM WINDOWS ELEVATION AND GENERAL NOTES	
	DRAWN: TJH DATE: 12/17/08	DW GN O. 08-00661 SHEET 1 OF 8
<b>PRODUCT REVISED</b> as complying with the Florida Building Code NOA-No. 15-0723.09 Expiration Date 12/23/2019 By <i>Manuel Perez</i> Miami-Dade Product Control		

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	FH-03828	135° WINDOW MULLION	KEYMARK	ALUMINUM 6063-T6
2	FH-03856	4" x 6 1/2" x 1/8" 3HOLE L-CLIP	KEYMARK	ALUMINUM 6063-T6
3	FH-03855	4" x 4" x 1/8" 2HOLE L-CLIP	KEYMARK	ALUMINUM 6063-T6
4	FH-03855	4" x 4" x 1/8" 3HOLE L-CLIP	KEYMARK	ALUMINUM 6063-T6
5		1/4" ELCO CRETE-FLEX	ELCO	STAINLESS STEEL
6		#14 CUT THREAD WOOD SCREW		STAINLESS STEEL
7		1/4"-14 3-POINT TEK SCREW	ITW	STAINLESS STEEL
8		#12 TEK SCREW		STAINLESS STEEL
9	FH-02485	1K HEAD, SILL & JAMB FRAME	KEYMARK	ALUMINUM 6063-T6
10	FS-02862	1K FLUSH FRAME PLATE	KEYMARK	ALUMINUM 6063-T6
11	FS-01882	1K INSERT	KEYMARK	ALUMINUM 6063-T6
12	FS-02479	1K SINGLE GLAZED GLASS STOP	KEYMARK	ALUMINUM 6063-T6
13	FH-01878	2K VERTICAL GLASS STOP	KEYMARK	ALUMINUM 6063-T6
14	FS-02840	2K FIXED WINDOW FRAME	KEYMARK	ALUMINUM 6063-T6
15	FS-02849	2K SCREW COVER	KEYMARK	ALUMINUM 6063-T6
16	FS-02837	2K FLAT FILLER	KEYMARK	ALUMINUM 6063-T6

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.



SIGNED: 08/26/2016

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **15-0723.09**  
Expiration Date **12/23/2019**  
By *Manuel Perez*  
Miami-Dade Product Control

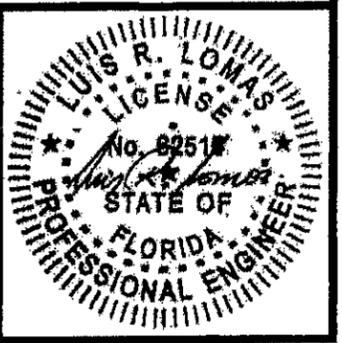
**WinDoor** INCORPORATED  
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

1000/2000 SERIES 135° LMI VERTICAL MULLION  
4'0 x 10'0 AND 5'0 x 8'0 MAXIMUM WINDOWS  
BILL OF MATERIALS AND COPONENTS

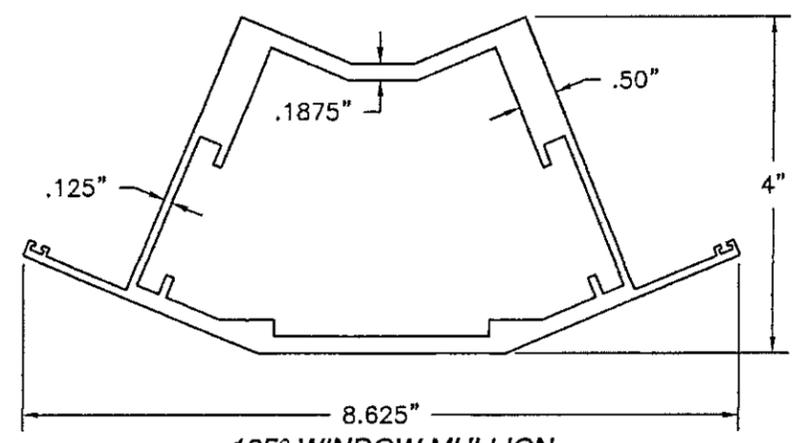
DRAWN: TJH  
DATE: 12/17/08  
SCALE: NTS

DWG NO. 08-00661  
REV C

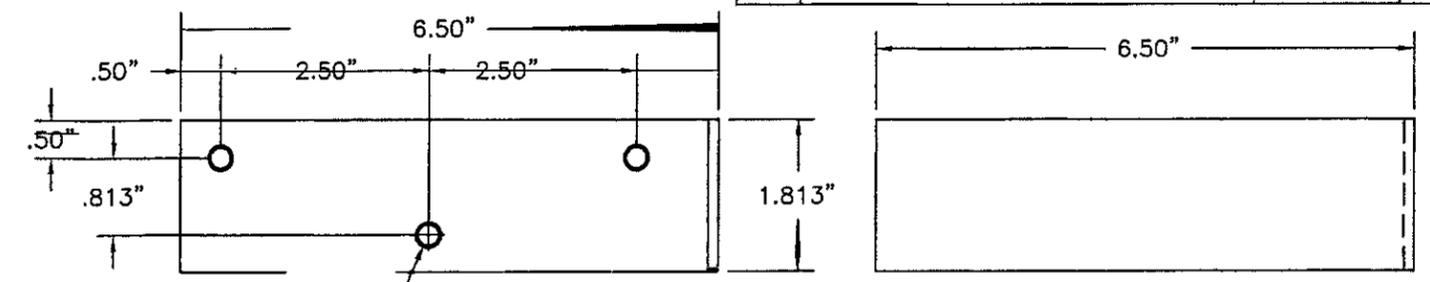
SHEET 2 OF 8



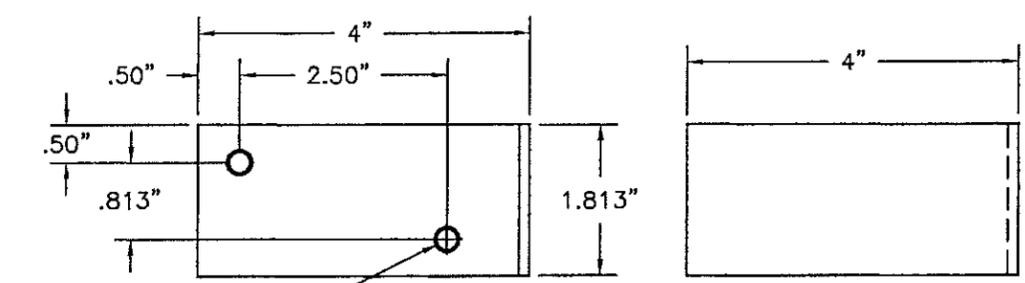
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.



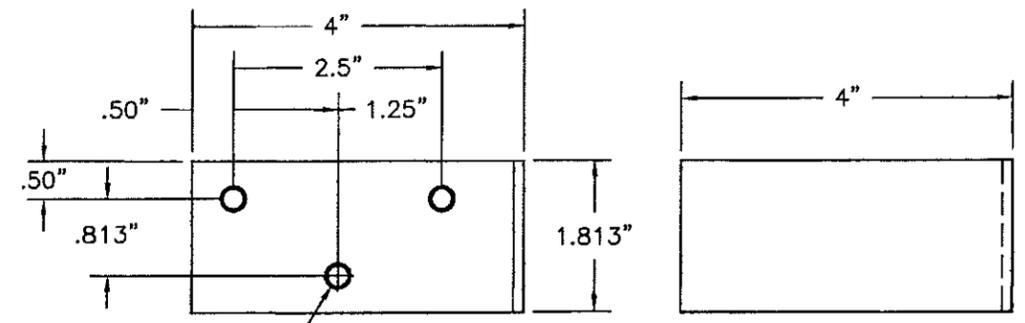
① **135° WINDOW MULLION**  
6063-T6 ALUM.  
EFFECTIVE MI = 12.852 IN<sup>4</sup>  
(EFFECTIVE MI PER TESTING)



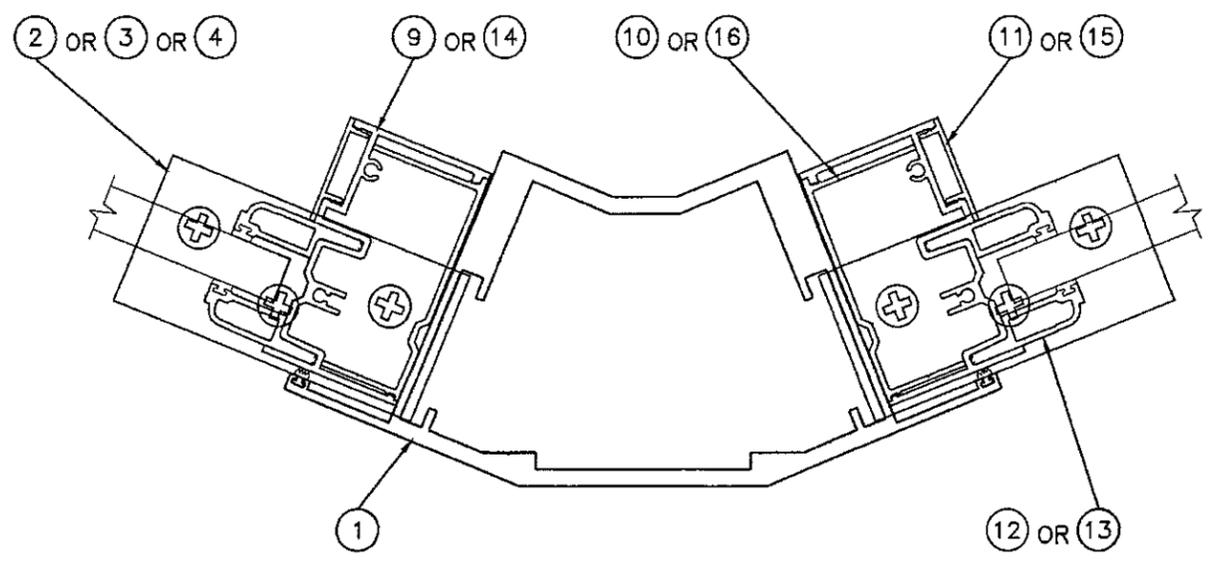
② **4" x 6 1/2" L-CLIP**  
6063-T6 ALUMINUM .125" THICK



③ **4" x 4" 2HOLE L-CLIP**  
6063-T6 ALUMINUM .125" THICK



④ **4" x 4" 3HOLE L-CLIP**  
6063-T6 ALUMINUM .125" THICK

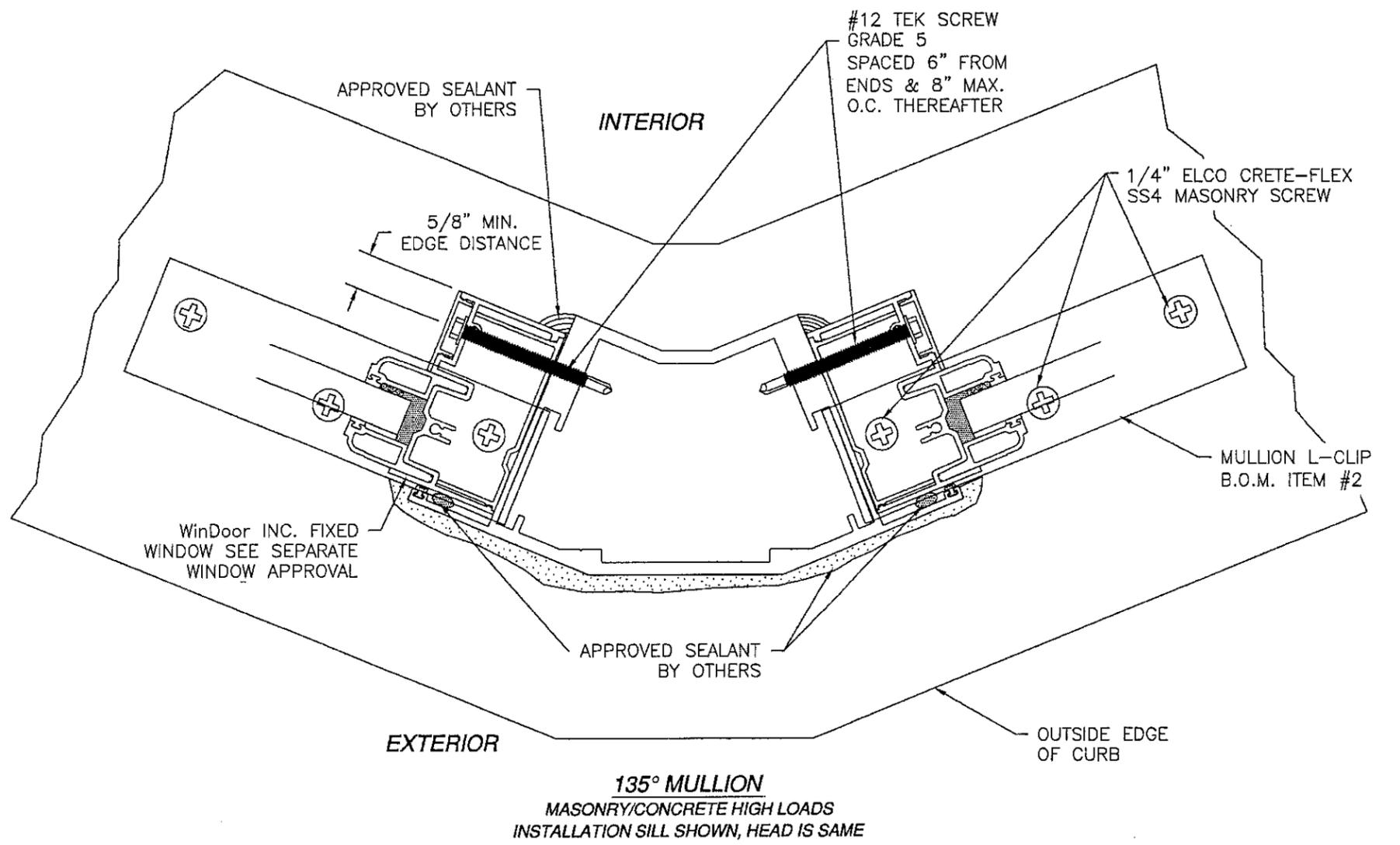
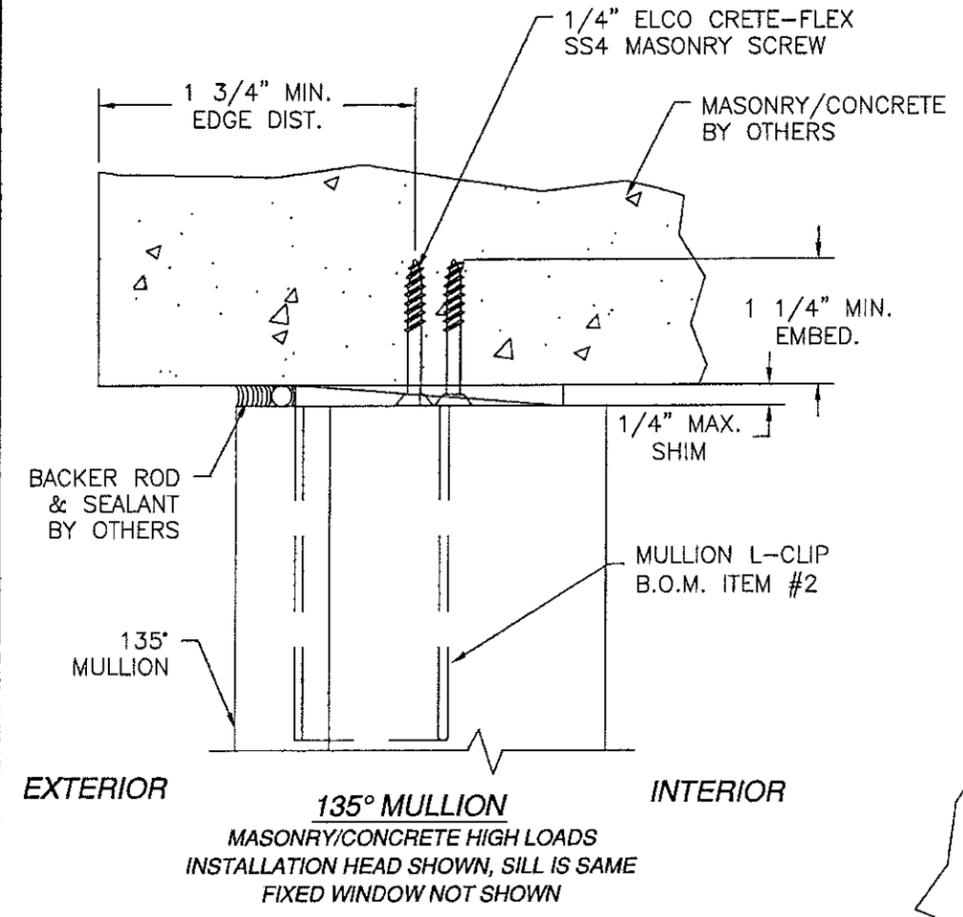


**MULLION CROSS SECTION**

SIGNED: 08/26/2016

<b>PRODUCT REVISED</b> as complying with the Florida Building Code NOA-No. <b>15-0723.09</b> Expiration Date <b>12/23/2019</b> By <i>Manuel Perez</i> Miami-Dade Product Control	<b>WinDoor</b> INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	<b>1000/2000 SERIES 135° LMI VERTICAL MULLION</b> <b>4'0" x 10'0" AND 5'0" x 8'0" MAXIMUM WINDOWS</b> <b>COMPONENTS AND CROSS SECTION</b>	
DRAWN: TJH SCALE NTS	DWG NO. 08-00661 DATE 12/17/08	REV C SHEET 3 OF 8

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.



Maximum design pressure capacity chart (psf)  
1000/2000 Series FW 135D Mull  
Masonry/concrete installation, High Loads

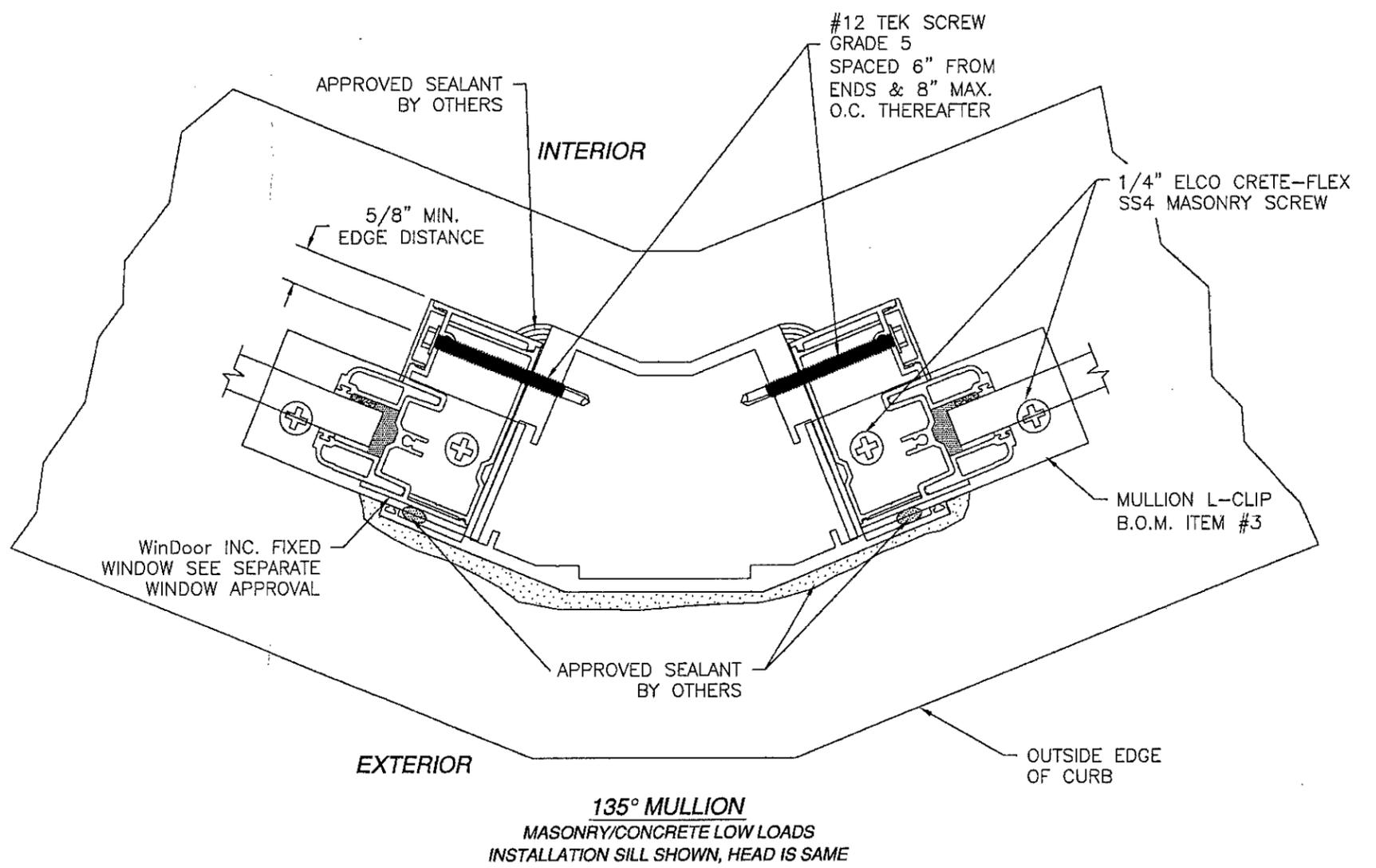
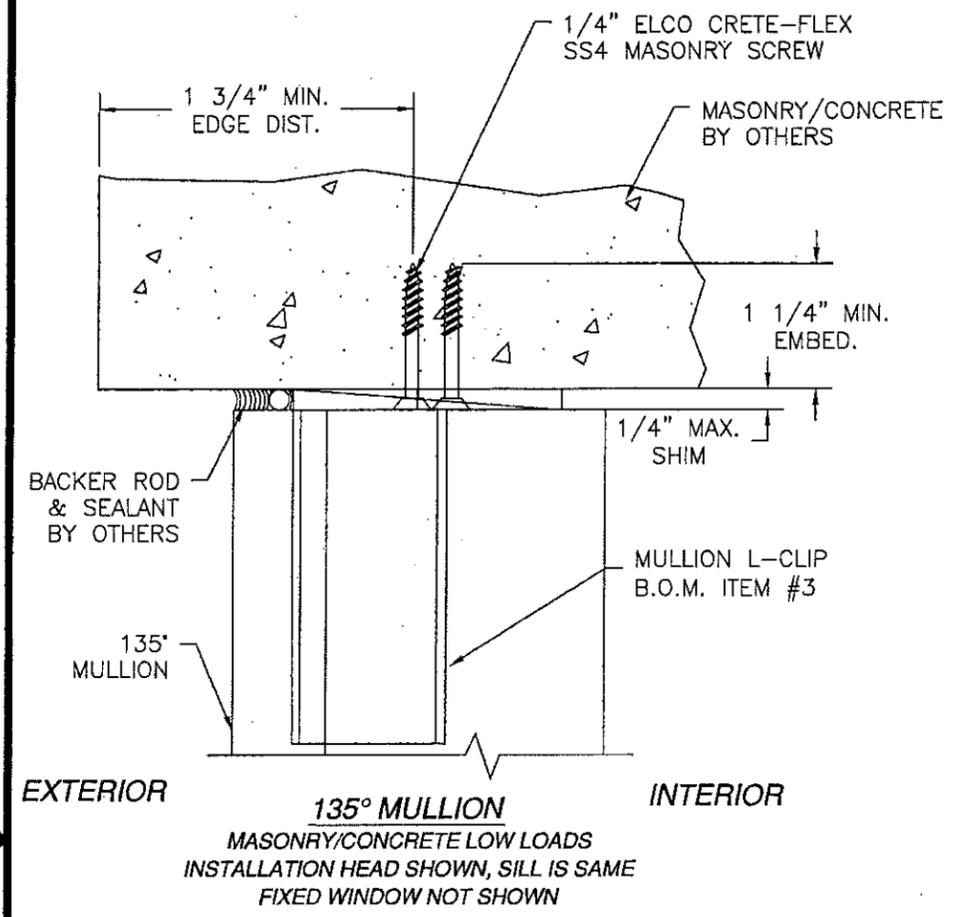
Mullion span (in)	Tributary width/single unit width (in)						
	27.25	33.25	39.25	45.25	51.25	57.25	63.25
60.00	97.0	97.0	97.0	97.0	97.0	97.0	97.0
66.00	97.0	97.0	97.0	97.0	97.0	97.0	97.0
72.00	97.0	97.0	97.0	97.0	97.0	97.0	90.7
78.00	97.0	97.0	97.0	97.0	97.0	92.5	83.7
84.00	97.0	97.0	97.0	97.0	95.9	85.9	77.7
90.00	97.0	97.0	97.0	97.0	89.5	80.2	72.6
96.00	97.0	97.0	97.0	95.1	83.9	75.1	68.0
102.00	97.0	97.0	97.0	89.5	79.0	70.7	64.0
108.00	97.0	97.0	97.0	84.5	74.6	66.8	60.5
114.00	97.0	97.0	92.3	80.1	70.7	63.3	57.3
120.00	97.0	97.0	87.7	76.1	67.2	60.1	54.4

SIGNED: 08/26/2016

<b>WinDoor</b> INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	<b>1000/2000 SERIES 135° LMI VERTICAL MULLION</b> 4'0" x 10'0" AND 5'0" x 8'0" MAXIMUM WINDOWS INSTALLATION DETAILS AND DESIGN PRESSURE CHART		
	DRAWN: TJH DATE: 12/17/08	DWG NO.: 08-00661 SHEET 4 OF 8	

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. 15-0723.09  
 Expiration Date 12/23/2019  
 By *Manuel Perez*  
 Miami-Dade Product Control

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.



Maximum design pressure capacity chart (psf)  
1000/2000 Series FW 135D Mull  
Masonry/concrete installation, Low Loads

Mullion span (in)	Tributary width/single unit width (in)						
	27.25	33.25	39.25	45.25	51.25	57.25	63.25
60.00	97.0	97.0	97.0	97.0	89.5	80.2	72.6
66.00	97.0	97.0	97.0	92.2	81.4	72.9	66.0
72.00	97.0	97.0	97.0	84.5	74.6	66.8	60.5
78.00	97.0	97.0	89.9	78.0	68.9	61.7	55.8
84.00	97.0	97.0	83.5	72.4	64.0	57.3	51.8
90.00	97.0	92.0	77.9	67.6	59.7	53.4	48.4
96.00	97.0	86.3	73.1	63.4	56.0	50.1	45.3
102.00	97.0	81.2	68.8	59.7	52.7	47.1	42.7
108.00	93.6	76.7	65.0	56.3	49.7	44.5	40.3
114.00	88.6	72.6	61.5	53.4	47.1	42.2	38.2
120.00	84.2	69.0	58.5	50.7	44.8	40.1	36.3

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **15-0723.09**  
Expiration Date **12/23/2019**  
By *Manuel Perez*  
Miami-Dade Product Control

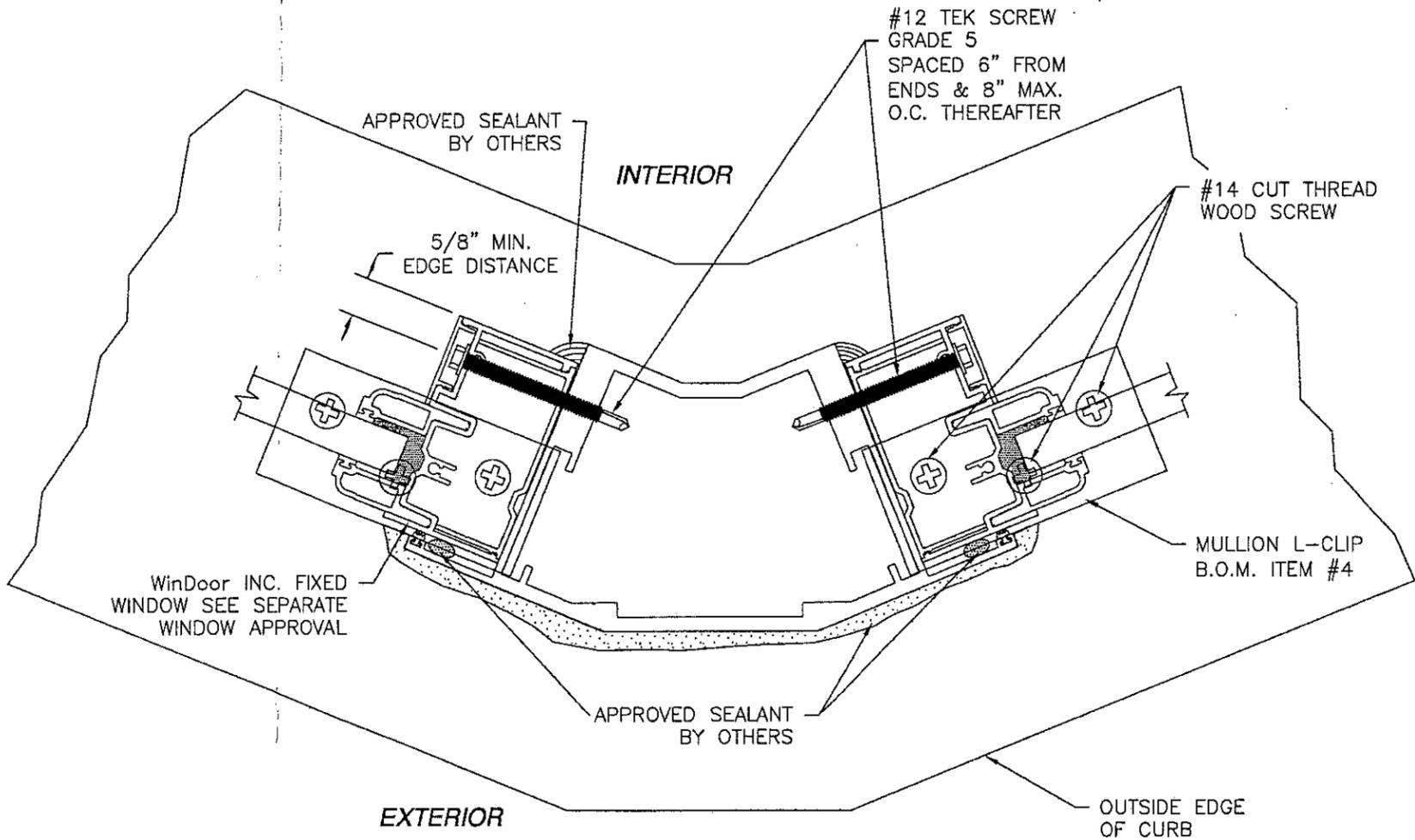
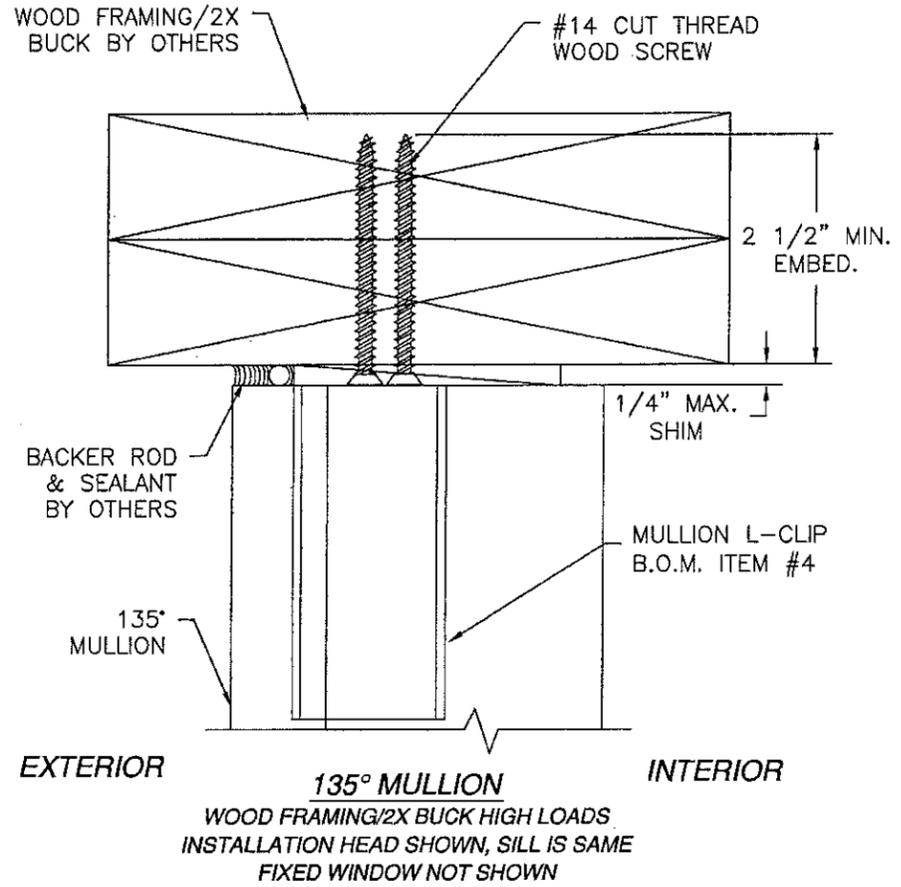
**WinDoor INCORPORATED**  
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

1000/2000 SERIES 135° LMI VERTICAL MULLION  
4'0 x 10'0 AND 5'0 x 8'0 MAXIMUM WINDOWS  
INSTALLATION DETAILS AND DESIGN PRESSURE CHART

DRAWN: TJH  
DWG NO. 08-00661  
SCALE NTS  
DATE 12/17/08  
SHEET 5 OF 8

SIGNED: 08/26/2016

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.



**135° MULLION**  
WOOD FRAMING/2X BUCK HIGH LOADS  
INSTALLATION HEAD SHOWN, SILL IS SAME  
FIXED WINDOW NOT SHOWN

**135° MULLION**  
WOOD FRAMING/2X BUCK HIGH LOADS  
INSTALLATION SILL SHOWN, HEAD IS SAME

Maximum design pressure capacity chart (psf)  
1000/2000 Series FW 135D Mull  
Wood installation, High Loads

Mullion span (in)	Tributary width/single unit width (in)						
	27.25	33.25	39.25	45.25	51.25	57.25	63.25
60.00	97.0	97.0	97.0	97.0	97.0	97.0	97.0
66.00	97.0	97.0	97.0	97.0	97.0	97.0	97.0
72.00	97.0	97.0	97.0	97.0	97.0	97.0	97.0
78.00	97.0	97.0	97.0	97.0	97.0	97.0	92.1
84.00	97.0	97.0	97.0	97.0	97.0	94.5	85.5
90.00	97.0	97.0	97.0	97.0	97.0	88.2	79.8
96.00	97.0	97.0	97.0	97.0	92.4	82.7	74.8
102.00	97.0	97.0	97.0	97.0	86.9	77.8	70.4
108.00	97.0	97.0	97.0	93.0	82.1	73.5	66.5
114.00	97.0	97.0	97.0	88.1	77.8	69.6	63.0
120.00	97.0	97.0	96.5	83.7	73.9	66.2	59.9

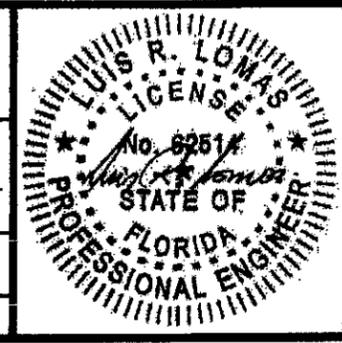
SIGNED: 08/26/2016

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **15-0723.09**  
Expiration Date **12/23/2019**  
By *Manuel Perez*  
Miami-Dade Product Control

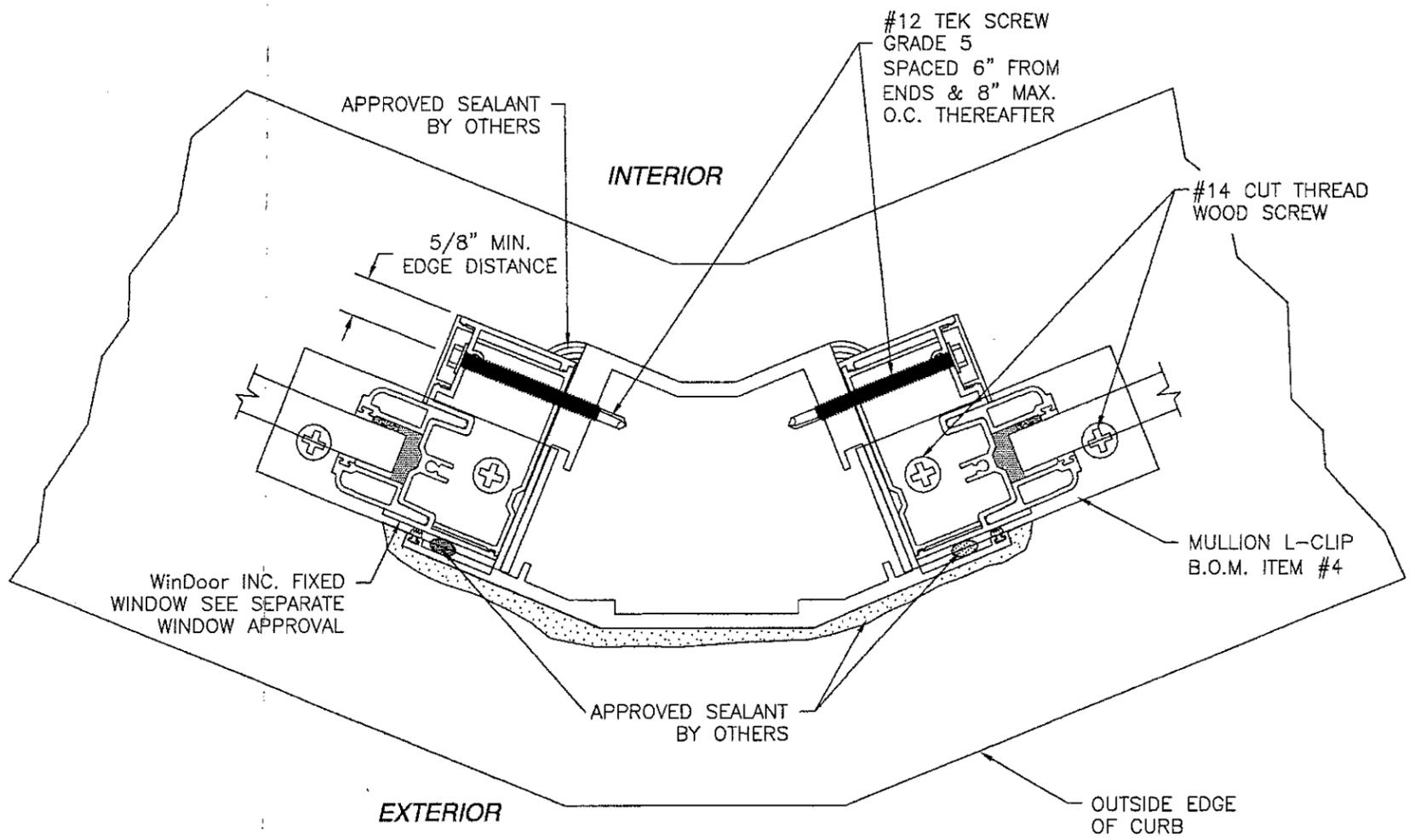
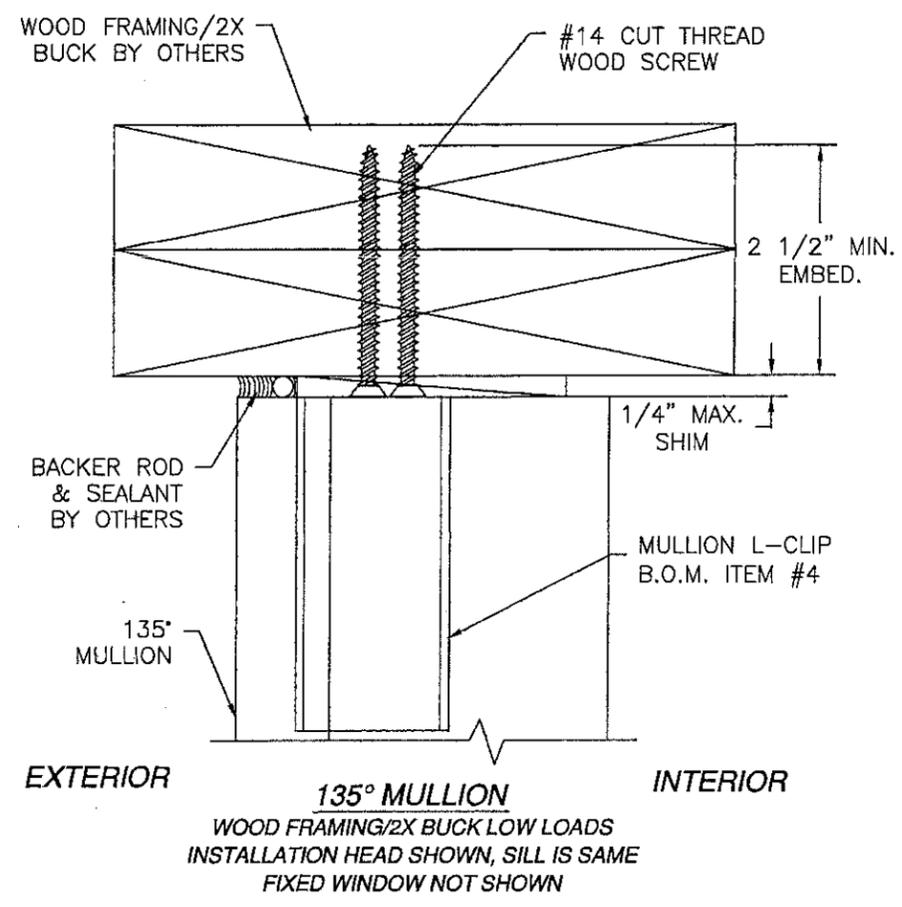
**WinDoor INCORPORATED**  
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

1000/2000 SERIES 135° LMI VERTICAL MULLION  
4'0 x 10'0 AND 5'0 x 8'0 MAXIMUM WINDOWS  
INSTALLATION DETAILS AND DESIGN PRESSURE CHART

DRAWN: TJH  
SCALE NTS  
DATE 12/17/08  
DWG NO. 08-00661  
SHEET 6 OF 8  
REV C



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.



Maximum design pressure capacity chart (psf)  
1000/2000 Series FW 135D Mull  
Wood installation, Low Loads

Mullion span (in)	Tributary width/single unit width (in)						
	27.25	33.25	39.25	45.25	51.25	57.25	63.25
60.00	97.0	97.0	97.0	97.0	97.0	88.2	79.8
66.00	97.0	97.0	97.0	97.0	89.6	80.2	72.6
72.00	97.0	97.0	97.0	93.0	82.1	73.5	66.5
78.00	97.0	97.0	97.0	85.8	75.8	67.8	61.4
84.00	97.0	97.0	91.9	79.7	70.4	63.0	57.0
90.00	97.0	97.0	85.8	74.4	65.7	58.8	53.2
96.00	97.0	94.9	80.4	69.7	61.6	55.1	49.9
102.00	97.0	89.3	75.7	65.6	58.0	51.9	47.0
108.00	97.0	84.4	71.5	62.0	54.7	49.0	44.4
114.00	97.0	79.9	67.7	58.7	51.9	46.4	42.0
120.00	92.7	75.9	64.3	55.8	49.3	44.1	39.9

135° MULLION  
WOOD FRAMING/2X BUCK LOW LOADS  
INSTALLATION SILL SHOWN, HEAD IS SAME

SIGNED: 08/26/2016

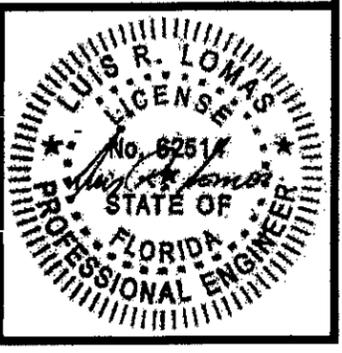
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **15-0723.09**  
Expiration Date **12/23/2019**  
By *Manuel Perez*  
Miami Dade Product Control

**WinDoor INCORPORATED**  
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

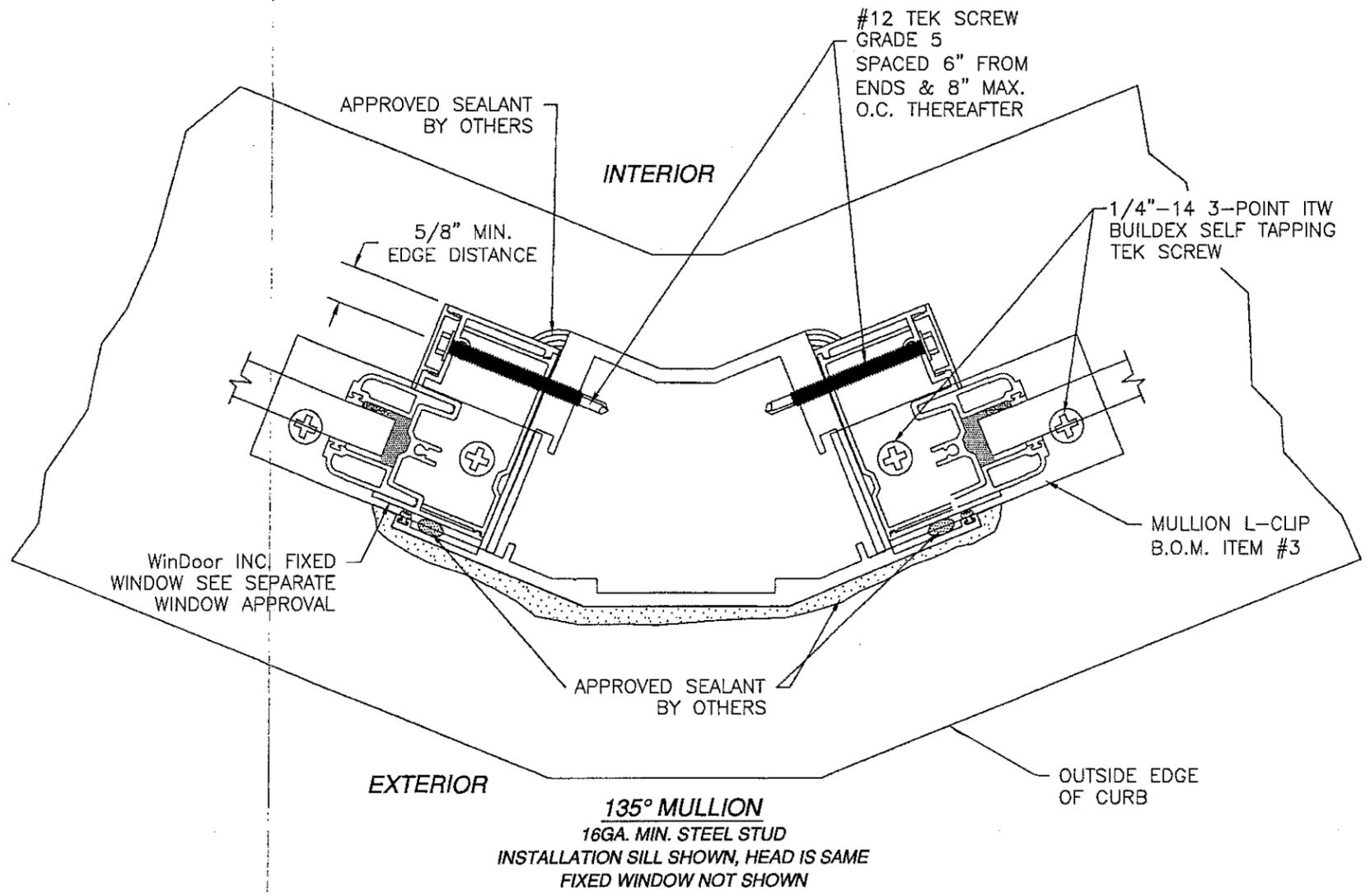
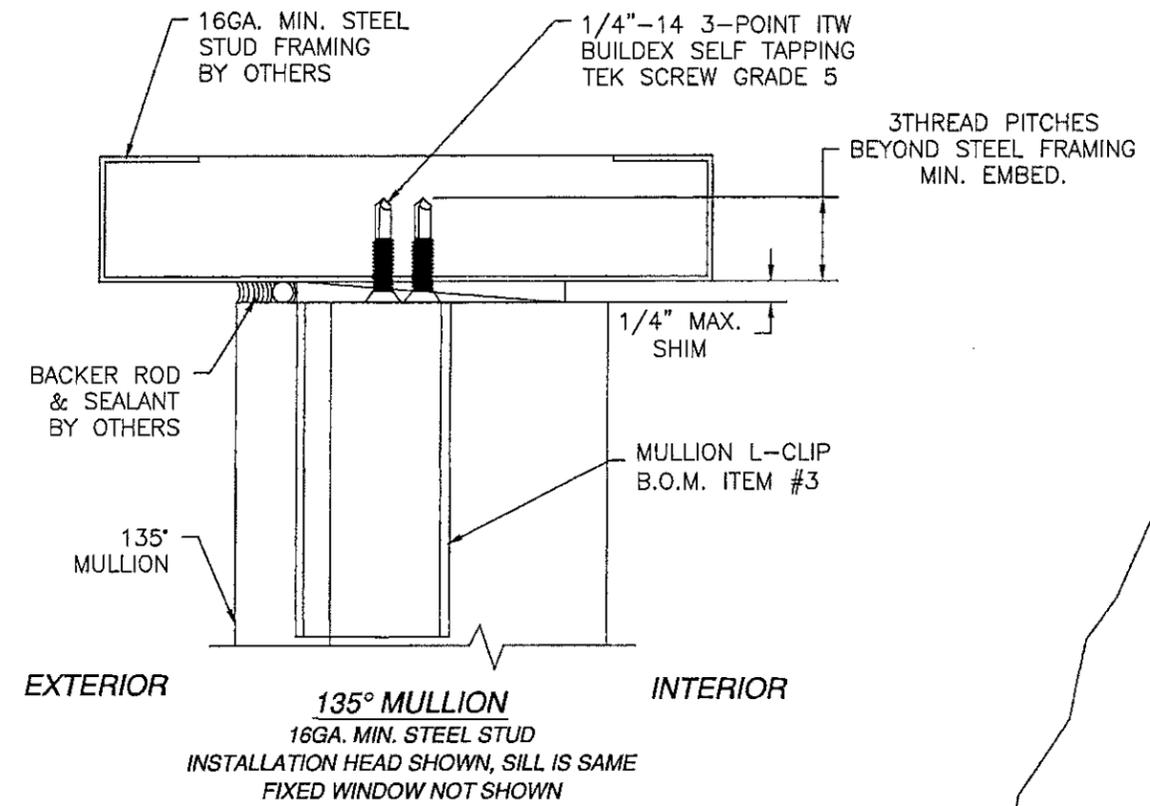
1000/2000 SERIES 135° LMI VERTICAL MULLION  
4'0 x 10'0 AND 5'0 x 8'0 MAXIMUM WINDOWS  
INSTALLATION DETAILS AND DESIGN PRESSURE CHART

DRAWN: TJH  
DWG NO. 08-00661  
SCALE NTS  
DATE 12/17/08  
SHEET 7 OF 8

REV C



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER TESTING	06/05/09	R.L.
B	REVISED CHARTS PER NEW STANDARDS	07/14/15	R.L.
C	REVISED PER NEW REQUIREMENTS	07/25/16	R.L.



Maximum design pressure capacity chart (psf)  
1000/2000 Series FW 135D Mull  
Metal framing installation

Mullion span (in)	Tributary width/single unit width (in)						
	27.25	33.25	39.25	45.25	51.25	57.25	63.25
60.00	97.0	97.0	97.0	97.0	97.0	97.0	97.0
66.00	97.0	97.0	97.0	97.0	97.0	97.0	97.0
72.00	97.0	97.0	97.0	97.0	97.0	97.0	93.3
78.00	97.0	97.0	97.0	97.0	97.0	95.2	86.2
84.00	97.0	97.0	97.0	97.0	97.0	88.4	80.0
90.00	97.0	97.0	97.0	97.0	92.2	82.5	74.7
96.00	97.0	97.0	97.0	97.0	86.4	77.3	70.0
102.00	97.0	97.0	97.0	92.1	81.3	72.8	65.9
108.00	97.0	97.0	97.0	87.0	76.8	68.8	62.2
114.00	97.0	97.0	95.0	82.4	72.8	65.1	59.0
120.00	97.0	97.0	90.3	78.3	69.1	61.9	56.0

SIGNED: 08/26/2016

**WinDoor**  
INCORPORATED  
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windowinc.com

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **15-0723.09**  
Expiration Date **12/23/2019**  
By *Manuel Perez*  
Miami-Dade Product Control

1000/2000 SERIES 135° LMI VERTICAL MULLION  
4'0" x 10'0" AND 5'0" x 8'0" MAXIMUM WINDOWS  
INSTALLATION DETAILS AND DESIGN PRESSURE CHART

DRAWN: TJH  
DWG NO. 08-00661  
SCALE NTS  
DATE 12/17/08  
SHEET 8 OF 8

REV C

