



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

NOTICE OF ACCEPTANCE (NOA)

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/building

Stormproof, Inc.
2501 W 6th Lane
Hialeah, FL 33010

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 Non-Thermal and Thermally Broken" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **212221**, titled "Stormproof® Thermal and Non-Thermal Break System - Impact - Series 1000 – Impact Window Plus - Fixed Aluminum Window Wall", sheets 1 through 7 of 7, dated 12/22/12, with revision #2 dated 10/27/22, prepared by manufacturer, signed and sealed by Daniel Gonzalez, 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.

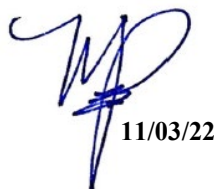
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 and renews** NOA No. **18-0322.02** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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




11/03/22

NOA No. 22-0120.05
Expiration Date: September 26, 2028
Approval Date: November 10, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 13-0416.18)
2. Drawing No **212221**, titled "Stormproof® Thermal and Non-Thermal Break System – Impact - Series 464 Fixed Aluminum Window Wall", sheets 1 through 7 of 7, dated 12/22/12, with revision #1 dated 03/12/18, prepared by manufacturer, signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 18-0322.02)

B. TESTS

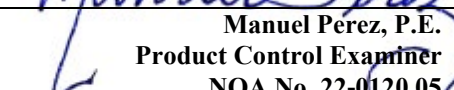
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a Trinity series 464 single and mulled aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6993**, dated 08/27/12, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 13-0416.18)
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 203-94
along with marked-up drawings and installation diagram of an two aluminum fixed window mulled together with a 1-1/16" x 3-1/2" extruded aluminum custom mullion, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7508**, dated 08/30/13, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 13-0416.18)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 03/03/18 and updated on 09/19/17, prepared, signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 18-0322.02)
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

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


Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0120.05
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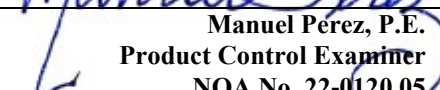
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their **"SentryGlas® (Clear and White) Glass Interlayers"** dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **17-1114.14** issued to **Kuraray America, Inc.** for their **"Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers"** dated 01/18/18, expiring on 07/08/19
3. Test report No. **ATI-61261.01-106-18**, prepared by Architectural Testing, Inc., dated 12/08/05, with revision date 01/04/06, issued to **Technoform**, for their **I-Strut Insulating Strip** comprised of Polyamide with 25% glass fibers, per **ASTM D635-03** "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position" and **ASTM D2843-99** "Standard Test Method for the Density of Smoke from the Burning Decomposition of Plastics", signed and sealed by Joseph A. Reed, P.E.
4. Test report No. **ETC-07-1043-19094.0**, prepared by ETC Laboratories, dated 02/04/08, issued to Technoform Bautech NA, Inc., for their **I-Strut Insulating Strip** comprised of Polyamide with 25% glass fibers, per **ASTM D638-03** "Standard Test Methods for Tensile Properties of Plastics", for exposed & unexposed sample per Xenon Arc after 4500 Hours, signed and sealed by Joseph Labora Doldan, P.E.
5. Test report No. **ETC-08-1043-20974.0**, prepared by ETC Laboratories, dated 07/01/08, issued to Technoform, for their **I-Strut Insulating Strip** comprised of Polyamide with 25% glass fibers, per **ASTM D1929-96** "Standard Test Method for Ignition Properties of Plastics", signed and sealed by Joseph Doldan, P.E.
6. Material Data Sheet for "insulating profiles made of PA 66 GF25 – dry impact resistant, to fit into Technoform I-Strut™ Aluminum Standard Reglet.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated February 27, 2018, issued by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 18-0322.02)
2. Statement letter of no financial interest, dated February 27, 2018, issued by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 18-0322.02)
3. Notification of Successor Engineer for manufacturer's NOA document per **Section 61G15-27.001** of the **Florida Administrative Code**, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated February 27, 2018, issued by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.
(Submitted under NOA No. 18-0322.02)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-0120.05
Expiration Date: September 26, 2028
Approval Date: November 10, 2022

Stormproof, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

G. OTHERS

1. Notice of Acceptance No. **13-0416.18**, issued to Stormproof, Inc. for their Series "464 Non-Thermal and Thermally Broken" Aluminum Fixed Window - L.M.I., approved on 09/26/13 and expiring on 09/26/18.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **212221**, titled "Stormproof® Thermal and Non-Thermal Brake System – Impact - Series 1000 – Impact Window Plus - Fixed Aluminum Window Wall", sheets 1 through 7 of 7, dated 12/22/12, with revision #2 dated 10/27/22, prepared by manufacturer, signed and sealed by Daniel Gonzalez, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 11/19/20, expiring on 07/04/23.
2. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 11/19/20, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated February 19, 2022, issued by AM American Consulting, Inc., signed and sealed by Daniel Gonzalez, P.E.

G. OTHERS

1. Notice of Acceptance No. **18-0322.02**, issued to Stormproof, Inc. for their Series "464 Non-Thermal and Thermally Broken" Aluminum Fixed Window - L.M.I., approved on 04/19/18 and expiring on 09/26/23.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 22-0120.05
Expiration Date: September 26, 2028
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THERMAL AND NON-THERMAL BREAK SYSTEM

IMPACT
SERIES 1000

IMPACT WINDOW PLUS
FIXED ALUMINUM WINDOW WALL

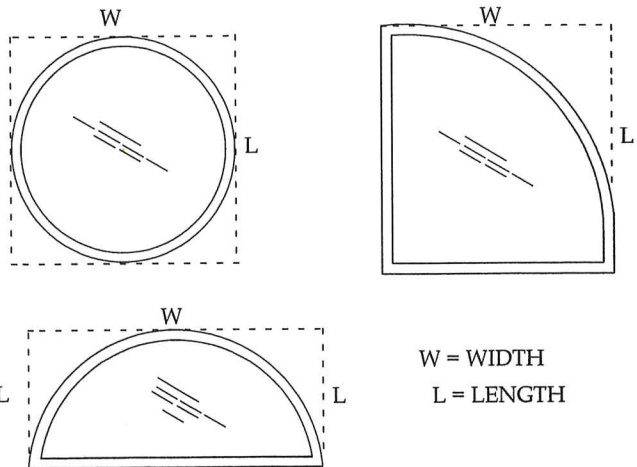
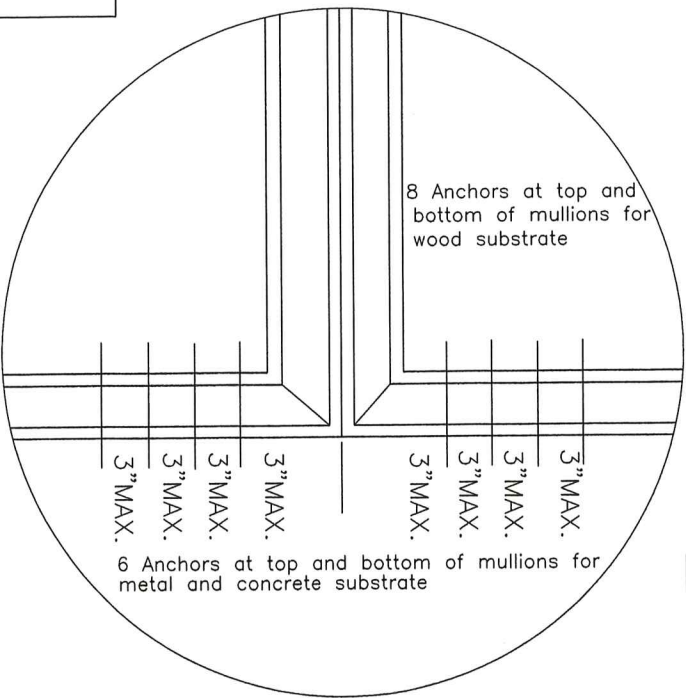
These windows are rated for large and Small missiles

Shutters are not required

MAX DESIGN PRESSURE
+ 75 - 200

SEE SHEETS 2, 3, & 4

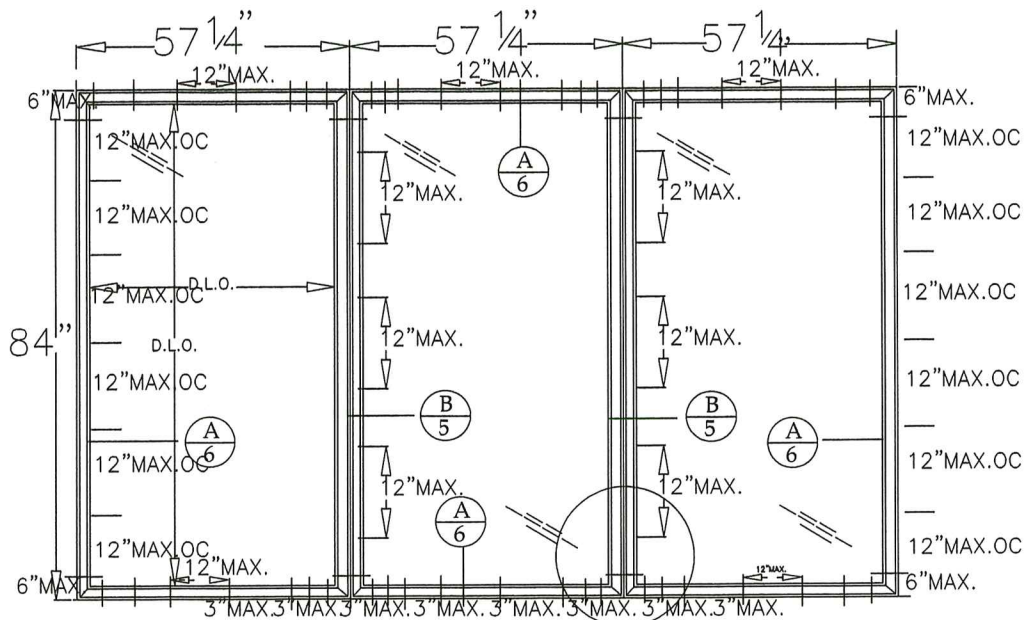
DETAIL
TYPICAL UNCLIPPED MULLION



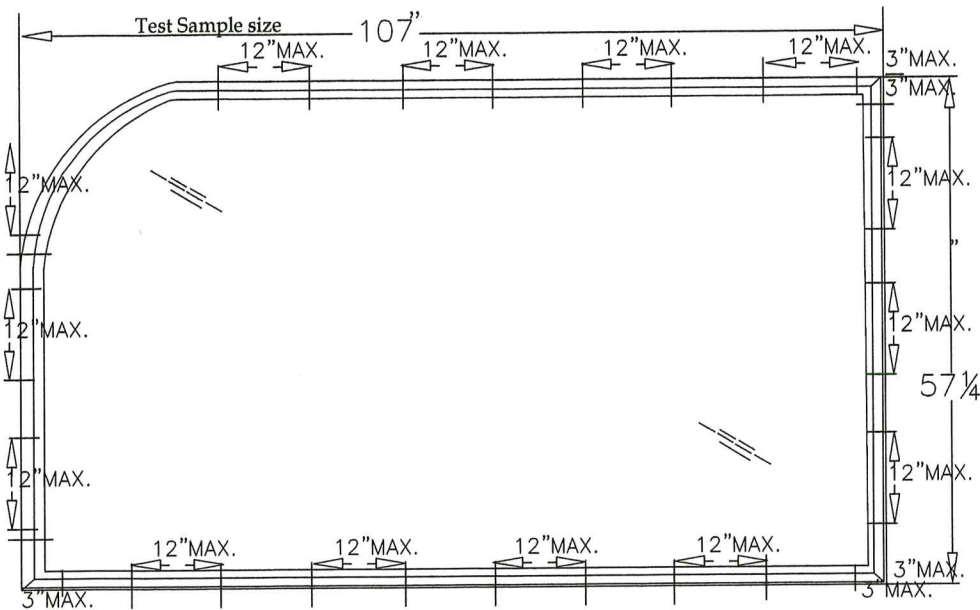
W = WIDTH
L = LENGTH

NOTE: ALLOWABLE ALTERNATE SHAPES AS SHOWN ABOVE
OR SIMILAR CAN BE OBTAINED BY INSCRIBING PICTURE

For dimensions and design loads
See pages 2, 3 and 4
For anchoring information and details
See page 6



TYPICAL ELEVATION WITH UNCLIPPED MULLION **STORMPROOF®**



Professional Engineer Seal for Daniel Gonzalez, Inc. License No. 74271, State of Florida, expires 10/27/22. Includes product control approval and revision information.

AM American Consulting, Inc.
Miami FL No Ph(786)219 9490

10/27/22

Daniel Gonzalez PE
Lic. No. 74271
Cert. Authorization No. 31388

PRODUCT CONTROL APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **22-0120.05**
Expiration Date: **09/26/2028**
By: *Manuel Perez*
Miami-Dade Product Control

DATE: 12/22/12	REVISION ① Update to the FBC 6TH Edition (2017)
SCALE: As Shown	DATE: 3/12/18
DRAWN BY: G.M.	REVISION ② -Update to the FBC- 7 Th - Edition (2020)
	DATE: 10/27/22

STORMPROOF®

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Florida, 33010
Impactpluswindows.com
T-free-888-448-4848

Drawing No.
212221

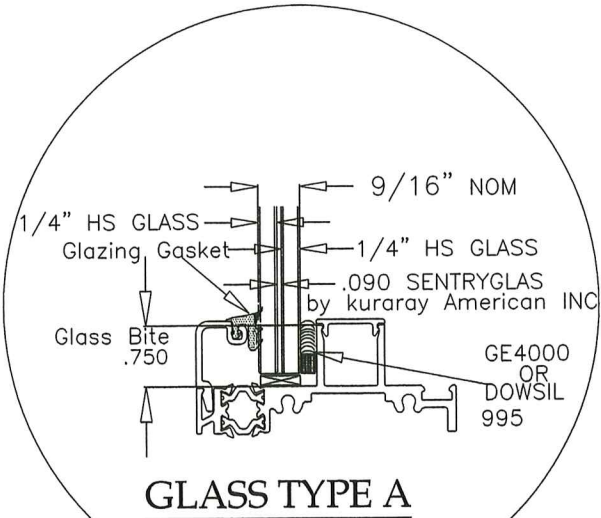
sheet 1 of 7

Design Load Capacity Table For Single Units

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE A		GLASS TYPE B	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18	74 1/2	75.0	140.0	75.0	200.0
24		75.0	140.0	75.0	200.0
30		75.0	140.0	75.0	200.0
36		75.0	140.0	75.0	200.0
37 1/4		75.0	140.0	75.0	200.0
18	84	75.0	140.0	75.0	200.0
24		75.0	140.0	75.0	200.0
30		75.0	140.0	67.6	180.3
36		75.0	140.0	-	-
42		75.0	140.0	-	-
48		75.0	140.0	-	-
54		75.0	140.0	-	-
57 1/4		75.0	140.0	-	-
60		75.0	105.0	-	-
18	90	75.0	140.0	75.0	200.0
24		75.0	140.0	71.1	189.6
27		75.0	140.0	62.3	166.1
30		75.0	140.0	-	-
36		75.0	140.0	-	-
42		75.0	140.0	-	-
48		75.0	139.3	-	-
54		75.0	105.0	-	-
60		75.0	105.0	-	-
18	96	75.0	140.0	75.0	200.0
24		75.0	140.0	58.6	156.2
30		75.0	140.0	-	-
36		75.0	140.0	-	-
42		75.0	134.5	-	-
48		75.0	105.0	-	-
54		75.0	105.0	-	-
60		75.0	105.0	-	-

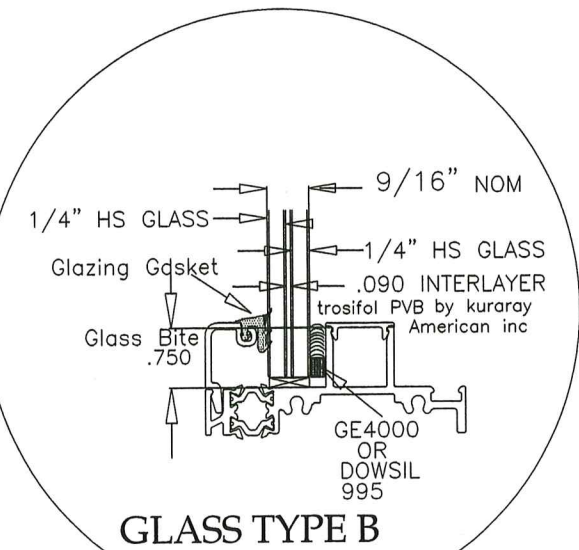
DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE A		GLASS TYPE B	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18	106 5/8	75.0	140.0	59.3	158.0
24		75.0	140.0	-	-
30		75.0	140.0	-	-
36		75.0	117.7	-	-
42		75.0	105.0	-	-
48		75.0	105.0	-	-
54		75.0	105.0	-	-
57 1/4		75.0	105.0	-	-
18	108	75.0	140.0	-	-
24		75.0	140.0	-	-
30		75.0	139.2	-	-
36		75.0	113.3	-	-
42		75.0	105.0	-	-
48		75.0	106.6	-	-
54		75.0	105.0	-	-
18	120	75.0	140.0	-	-
24		75.0	130.6	-	-
30		75.0	105.0	-	-
36		75.0	105.0	-	-
42		75.0	105.0	-	-
48		65.1	91.2	-	-
18	132	75.0	119.7	-	-
24		75.0	105.0	-	-
30		75.0	105.0	-	-
36		67.8	95.0	-	-
42	144	57.3	80.2	-	-
18		75.0	105.0	-	-
24		75.0	105.0	-	-
30		64.5	90.4	-	-
36		52.6	73.7	-	-
42		44.5	62.2	-	-

GLAZING DETAIL



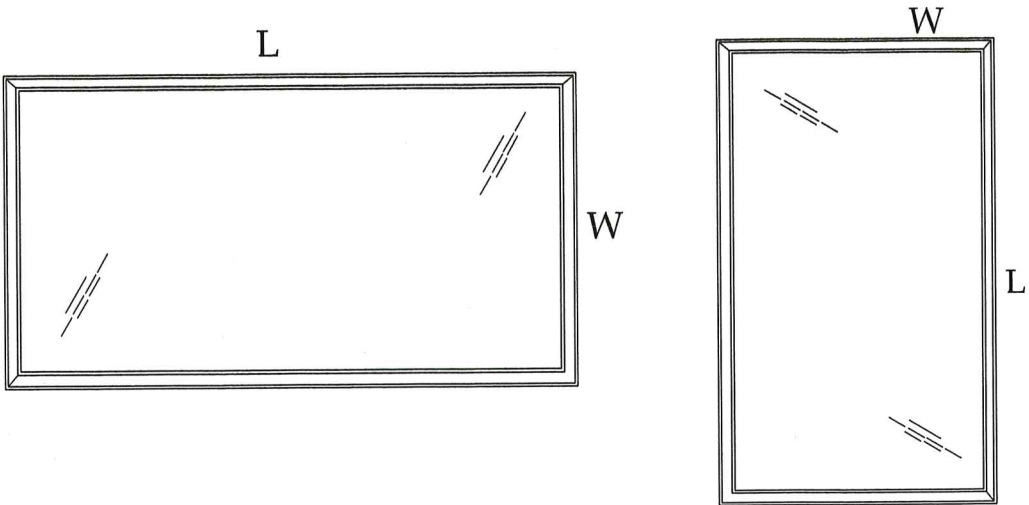
GLASS TYPE A

GLAZING DETAIL



GLASS TYPE B

NOTE: WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE



Daniel Gonzalez PE 10/27/22
Lic. No. 74271
Cert. Authorization No. 31388

PRODUCT CONTROL APPROVAL

PRODUCT REVISED
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Expiration Date: **09/26/2028**
By: *Manuel Perez*
Miami-Dade Product Control

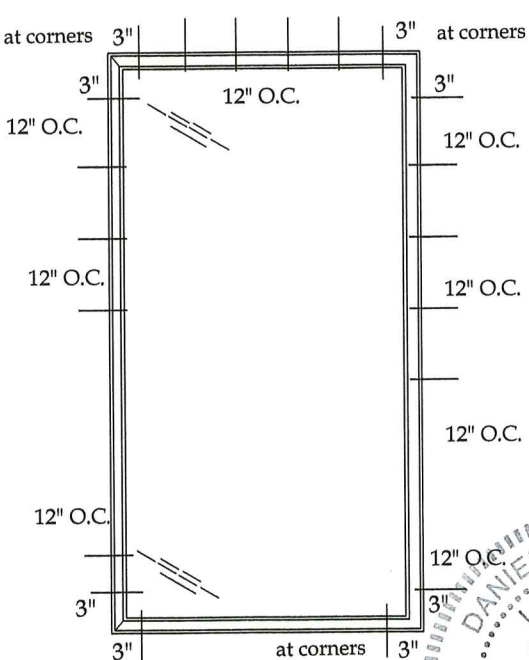
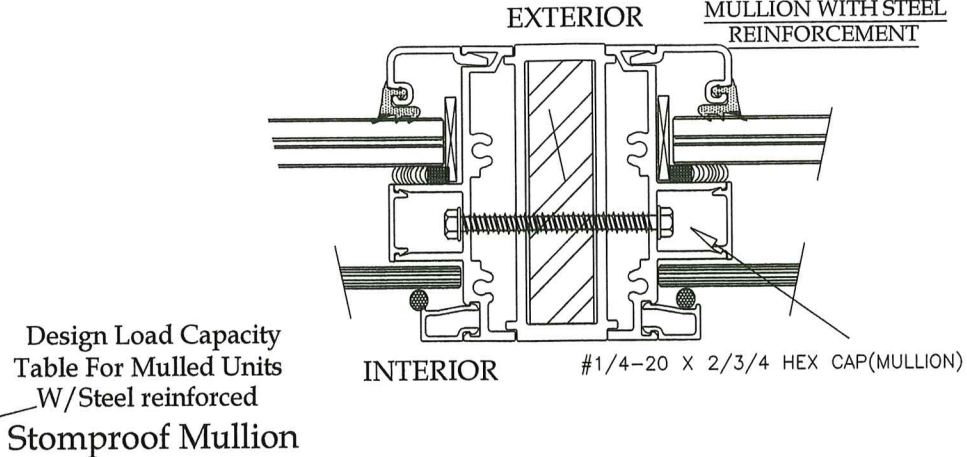
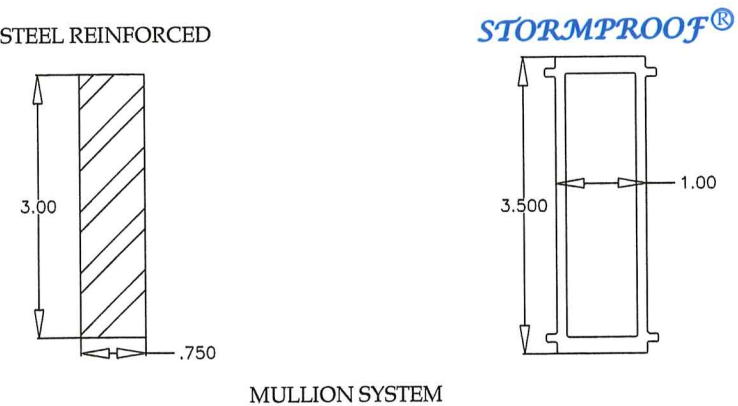
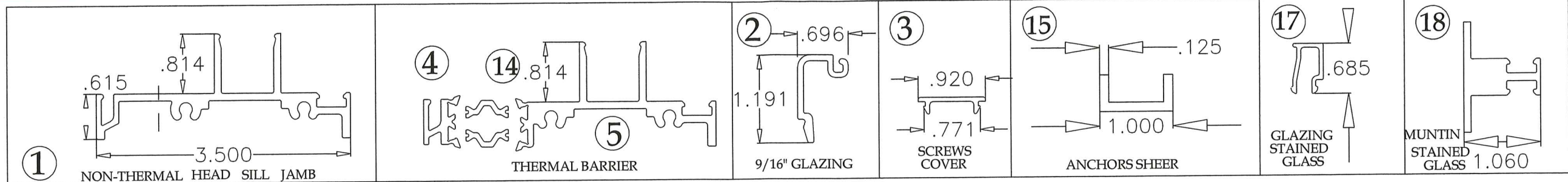
DATE: 12/22/12	REVISION ① Update to the FBC 6TH Edition (2017)
SCALE: As Shown	DATE: 3/12/18
DRAWN BY: G.M.	REVISION ② -Update to the FBC- 7 Th - Edition (2020)
	DATE: 10/27/22

STORMPROOF®

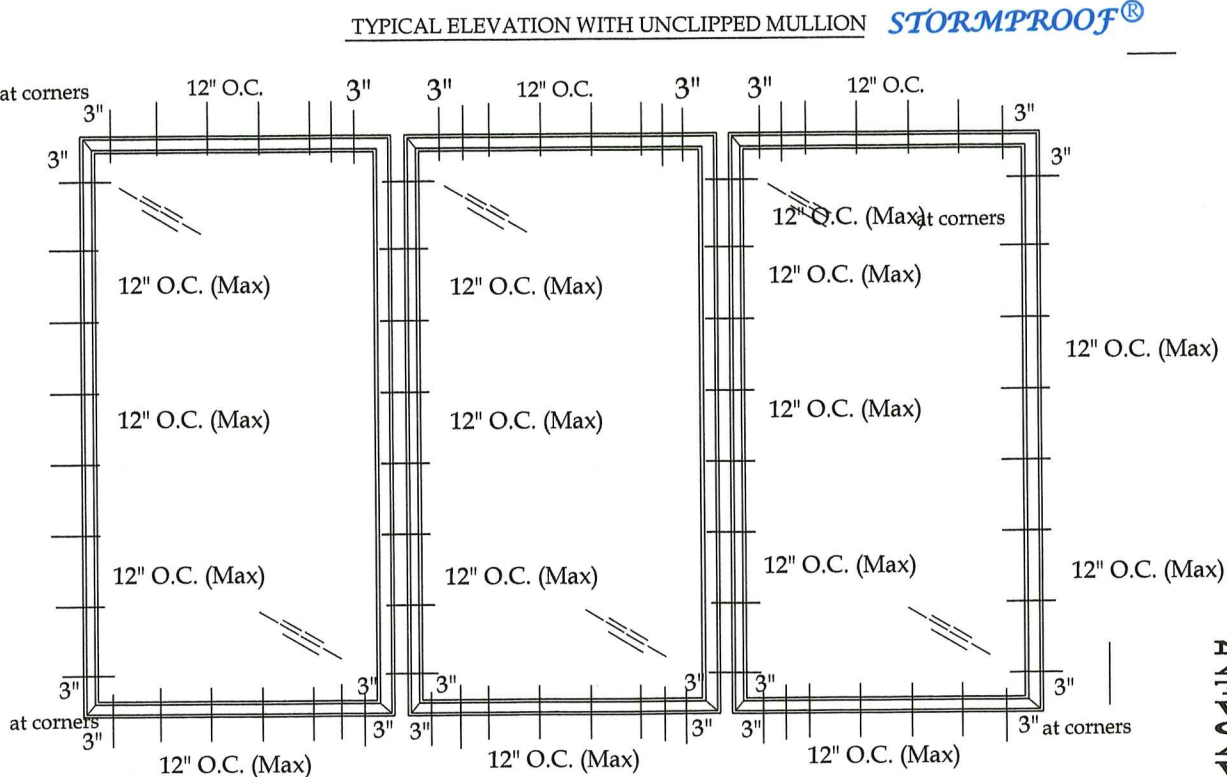
STORMPROOF®
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Florida, 33010
Impactpluswindows.com
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Drawing No.
212221

sheet 2 of 7

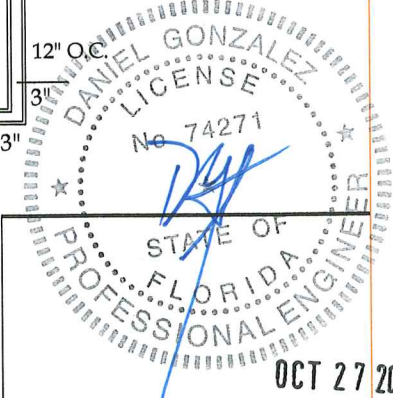


DESIGN LOAD CAPACITY – PSF			
WINDOW DIMS.		MULLION W/STEEL REINF.	
WIDTH	HEIGHT	EXT.(+)	INT.(–)
18	72	75.0	140.0
24		75.0	140.0
30		75.0	140.0
36		75.0	140.0
42		75.0	140.0
48		75.0	140.0
54		75.0	140.0
60		75.0	140.0
18	84	75.0	140.0
24		75.0	140.0
30		75.0	140.0
36		75.0	140.0
42		75.0	140.0
48		75.0	140.0
54		75.0	140.0
57 1/4"		75.0	95.0
60		75.0	90.0



SEE PAGE 6 FOR ANCHORING DETAILS

NOTE: ANCHORING TO MASONRY, WOOD, CONCRETE AND METAL WILL HAVE THE SAME SPACING (O.C.)



Daniel Gonzalez PE 10/27/22
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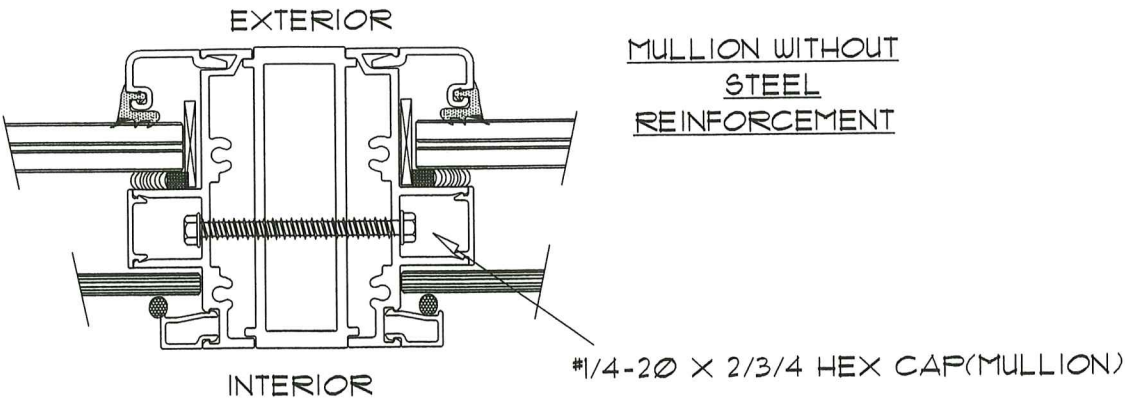
STORMPROOF®

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Drawing No. 212221
sheet 3 of 7

Design Load Capacity Table
For Muller Units W/ STORMPROOF® Mullion System

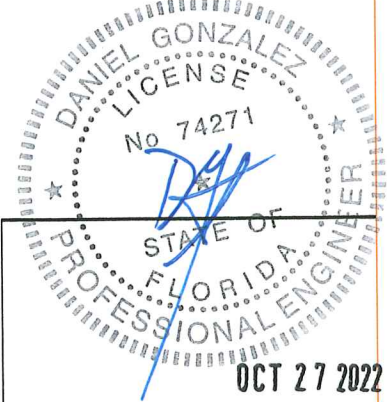
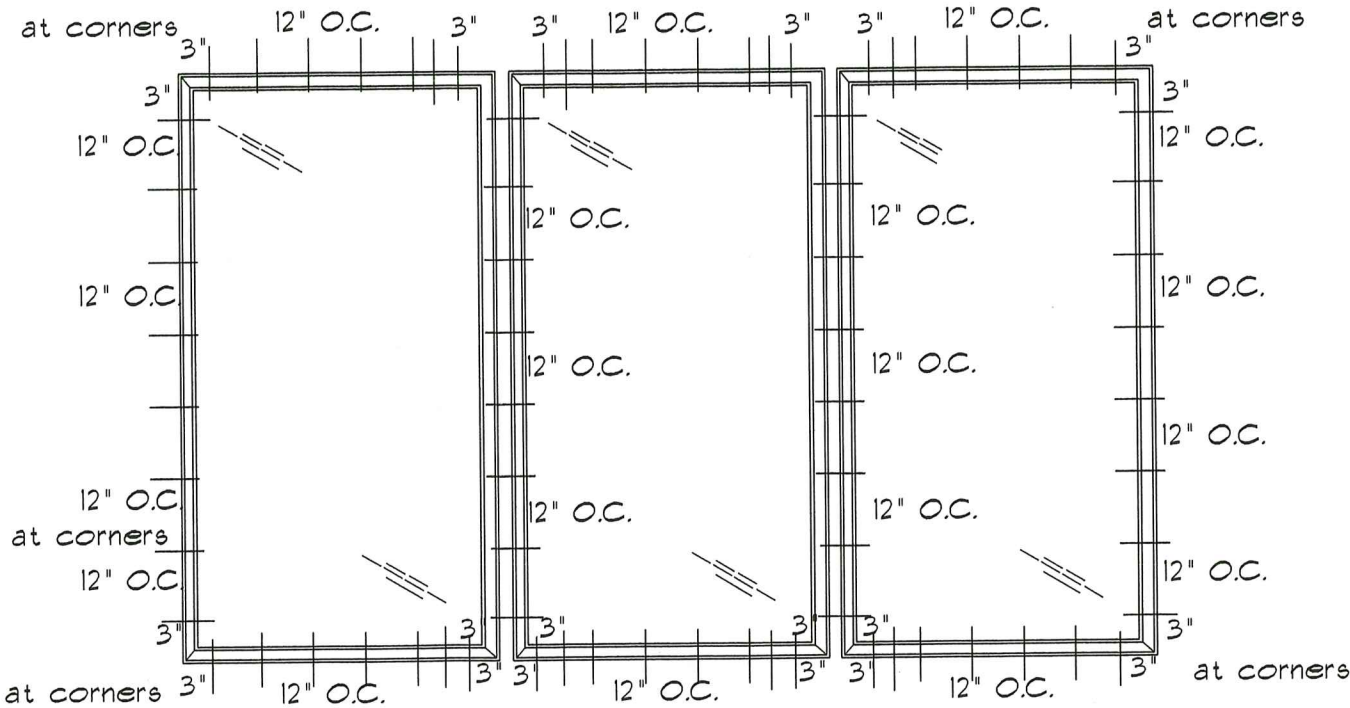
DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		MULLION	
		WITHOUT/ STEEL REINF.	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
18	60	75.0	105.0
24		75.0	105.0
30		75.0	105.0
36		75.0	105.0
42		75.0	105.0
48		75.0	105.0
54		75.0	105.0
60		75.0	105.0
18	66	75.0	105.0
24		75.0	105.0
30		75.0	105.0
36		75.0	105.0
42		75.0	105.0
48		75.0	105.0
54		75.0	105.0
60		75.0	105.0
18	72	75.0	105.0
24		75.0	105.0
30		75.0	105.0
36		75.0	105.0
42		75.0	105.0
48		75.0	105.0
54		75.0	105.0
60		75.0	95.0
18	78	75.0	105.0
24		75.0	105.0
30		75.0	105.0
36		75.0	105.0
42		75.0	105.0
48		75.0	95.0
54		75.0	85.0
60		75.0	75.0



NOTE:
ANCHORING
TO MASONRY,
WOOD,
CONCRETE,
AND METAL
WILL HAVE
THE SAME
SPACING (O.C.)

TYPICAL ELEVATION WITH UNCLIPPED MULLION STORMPROOF®
Lower Design Pressure shall Control

SEE PAGE 6
FOR
ANCHORING
DETAILS



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Expiration Date: **09/26/2028**

By: *Manuel Ferrer*
Miami-Dade Product Control

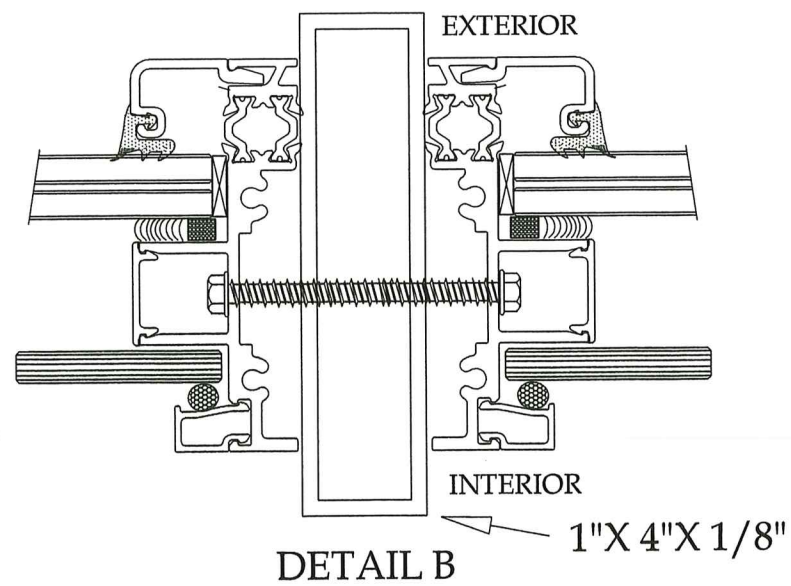
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	DATE: 10/27/22

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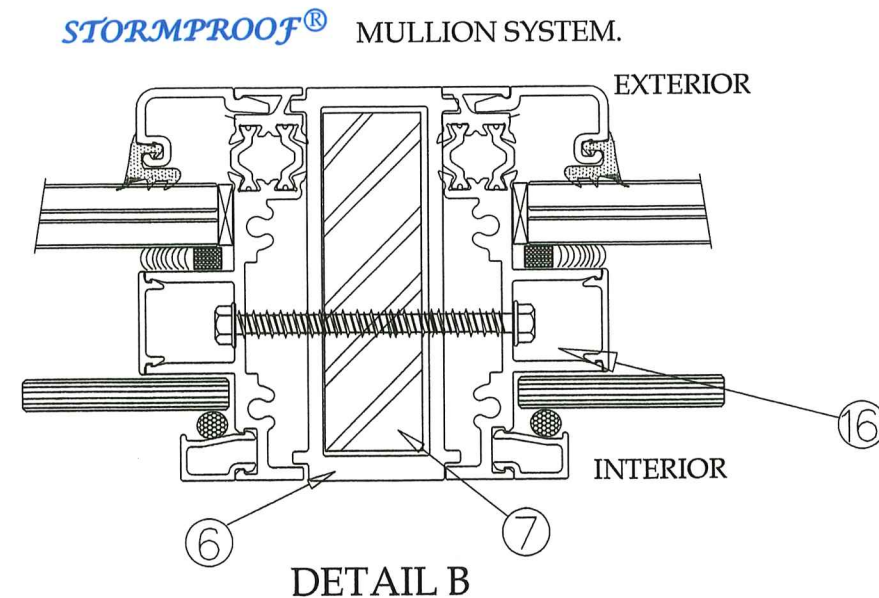
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Drawing No.
212221

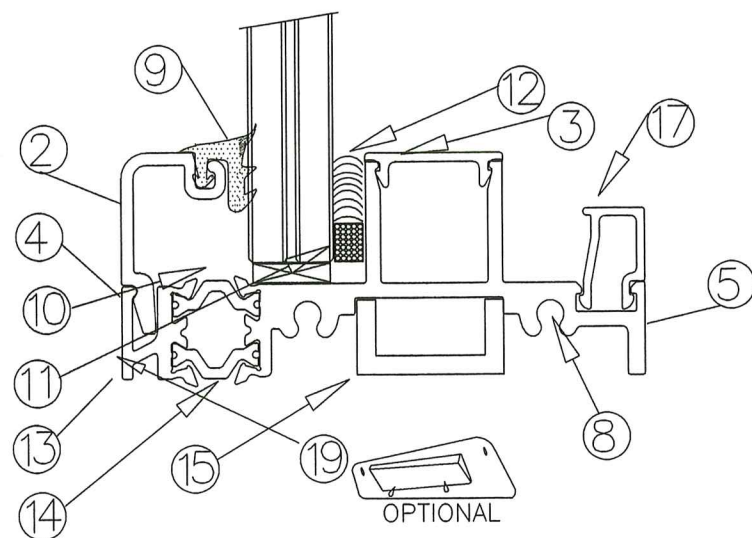
sheet 4 of 7



DETAIL B
STANDARD MULLION under Separate NOA
Lower Design Pressure Shall Control



WOOD BUCKS OR METAL
STRUCTURE NOT BY STORMPROOF



ITEM	QUANTITY	PART	DESCRIPTION	MATERIAL	SUPPLIER
1	4	13871	Non-Thermal frame Head/Sill/Jamb	6063-T6	
2	AS REQD	13866	Glazing Bead (9/16" LAM. Glass)	6063-T6	
3	4	13868	Snap Cover	6063-T6	
4	4	13869	Front Thermal frame Head/Sill/Jamb	6063-T6	
5	4	13870	Rear Thermal frame Head/Sill/Jamb	6063-T6	
6	AS REQD	13872	1"X3" Custom Tube 1 3/8"x 3 1/2"	6063-T6	
7	AS REQD	SP-118	Steel Reinforcement 3/4"x 3"	HOT ROD	
8	2/CORNER	-	# 12 x 1 1/2" Assembly Screws	Plated	
9	AS REQD	SP-122	Glazing Gasket	SANTOPRENE	Team Plastic
10	2/Lite	SP-128	Setting Blocks 1/8" x 1/2" x 1 1/2"	SANTOPRENE	Team Plastic
11	AS REQD	SP-129	Thermal bond V-2104	Open-Cell	TSF TAMPA
12	AS REQD	SP-114 SP-138	Structural Glazing D.C. 995 G.E. 4000	Silicone	DOWSIL G.E.
13	AS REQD	SP-113	Perimeter Glazing Dow Corning 790	Caulking	DOWSIL
14	AS REQD	SP-133	Structural Thermal Break System	Polyamide	Techno Bautech 952100
15	AS REQD	SP-134	ALUMINUM ANCHOR SHEER	6063-T6	
16	AS REQD	SP-139	#1/4-20 X 2/3/4 HEX CAP(MULLION)	GRADE B	
17	AS REQD	13865	Stained Glass Glazing Bead	6063-T6	
18	AS REQD	13864	Muntin Stained Glass	6063-T6	
19	AS REQD	SP-143	WEEPERS		Preferred Prod



Daniel Gonzalez PE 10/27/22
Lic. No. 74271
Cert. Authorization No. 31388

PRODUCT CONTROL APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **22-0120.05**

Expiration Date: **09/26/2028**

By: *Manuel Perez*
Miami-Dade Product Control

DATE: 12/22/12
SCALE: As Shown
DRAWN BY: G.M.

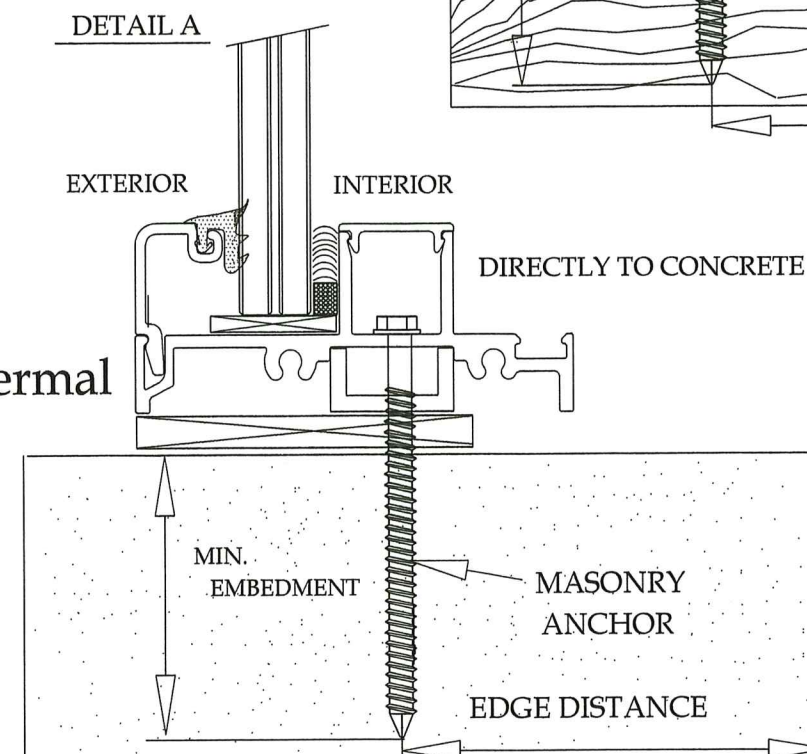
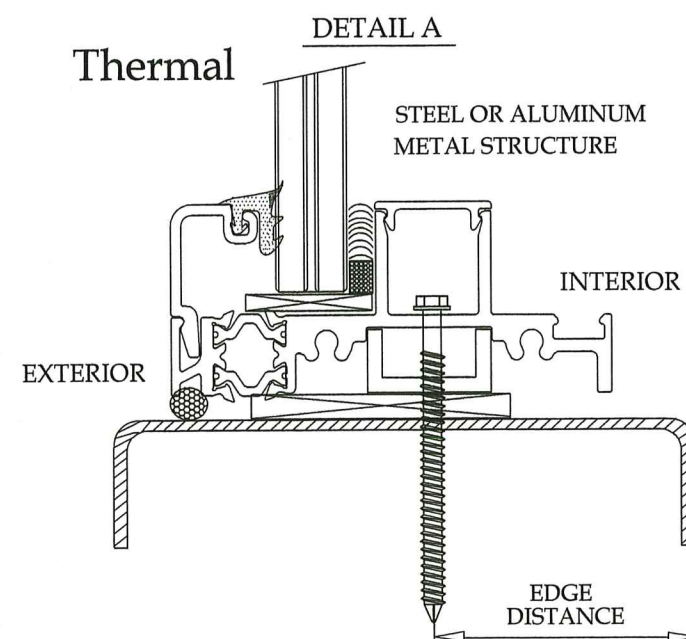
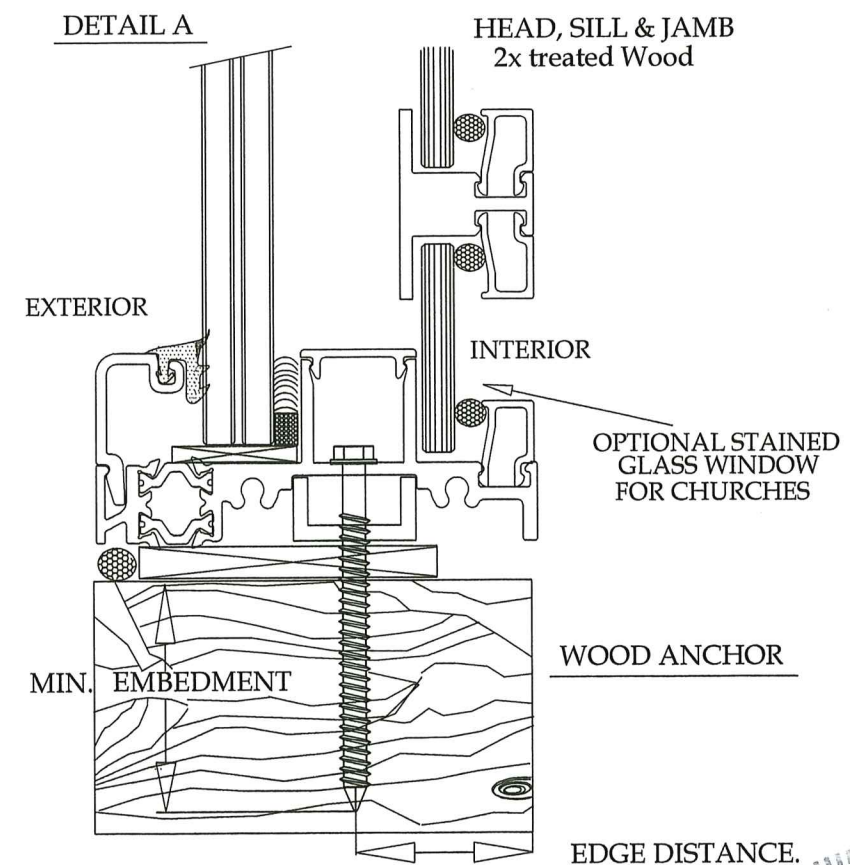
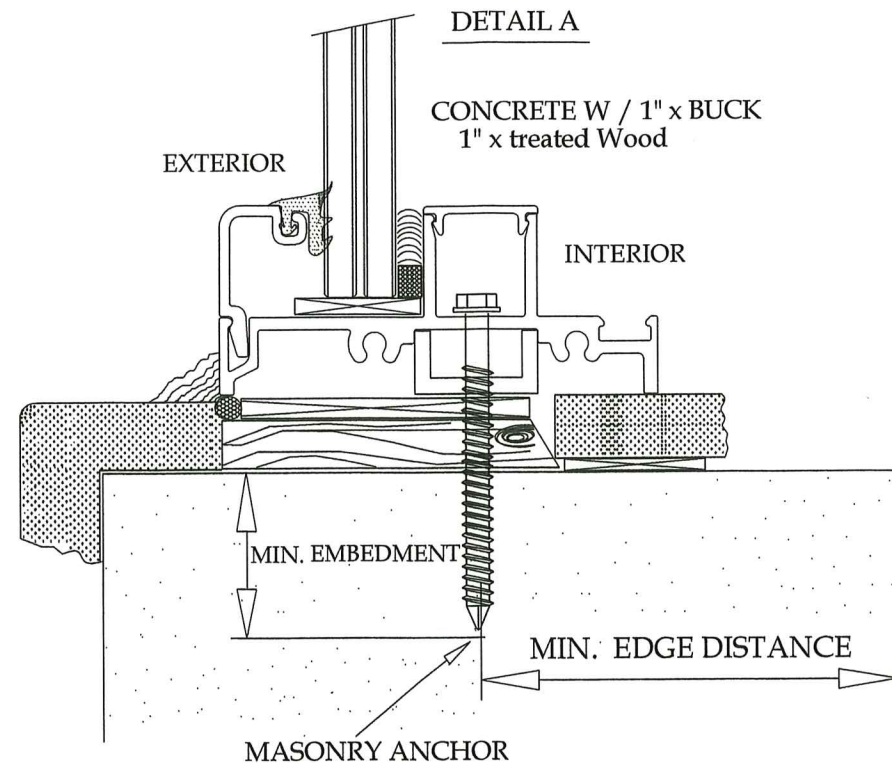
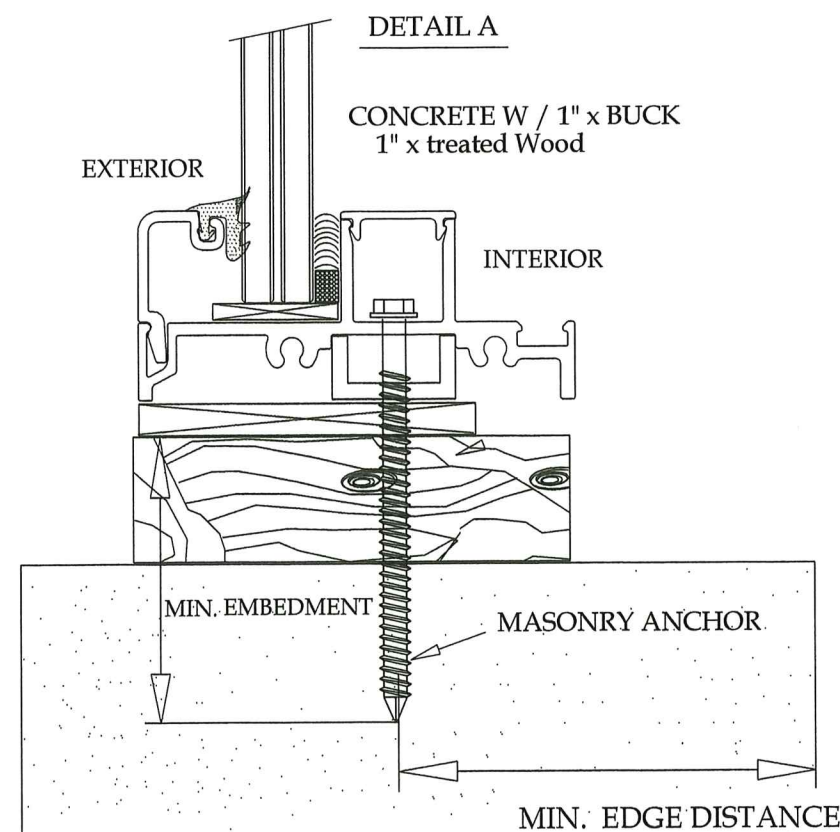
REVISION ① Update to the FBC 6TH Edition (2017)
DATE: 3/12/18
REVISION ② -Update to the FBC- 7 Th - Edition (2020)
DATE: 10/27/22

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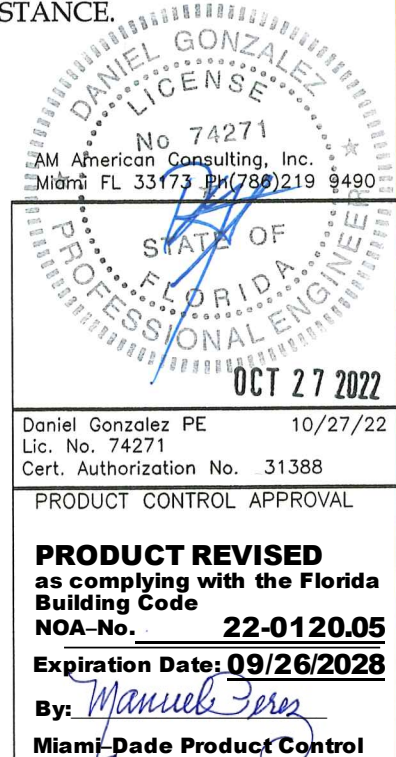
1/4" DIA KWIK CON BY HILTI
 THRU 1 BY INTO CONC. OR MASONRY 1-3/4" MIN.
 INTO CONC OR MASONRY
 DIRECTY INTO CONC. OR MASONRY 1-3/4" MIN. EMBED
 INTO CONC OR MASONRY

14 SMS OR SELF DRILLING SCREWS
 INTO METAL STRUCTURES
 STEEL: 12 GA. MIN (Fy- 36 KSI MIN.)
 ALUMINUM: 1/8" THK MIN. (6063-T5 MIN.
 (STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED
 OR PLATED)

1/4" DIA LAG SCREW
 INTO 2" X WOOD BUCKS OR WOOD STRUCTURES 2" MIN.
 PENETRATION INTO WOOD

ANCHOR EDGE DISTANCE
 INTO CONC. OR MASONRY= 1 1/2" MIN.
 INTO WOOD STRUCTURE= 1" MIN.
 INTO METAL STRUCTURE= 1/2" MIN.

CONCRETE AT HEAD, SILL, OR JAMBS f_c = 3000 psi min
 C- 90 HOLLOW/FILLED BLOCK AT JAMBS f_c = 2000 psi min
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
 SEAM-SEALER OR EQUAL

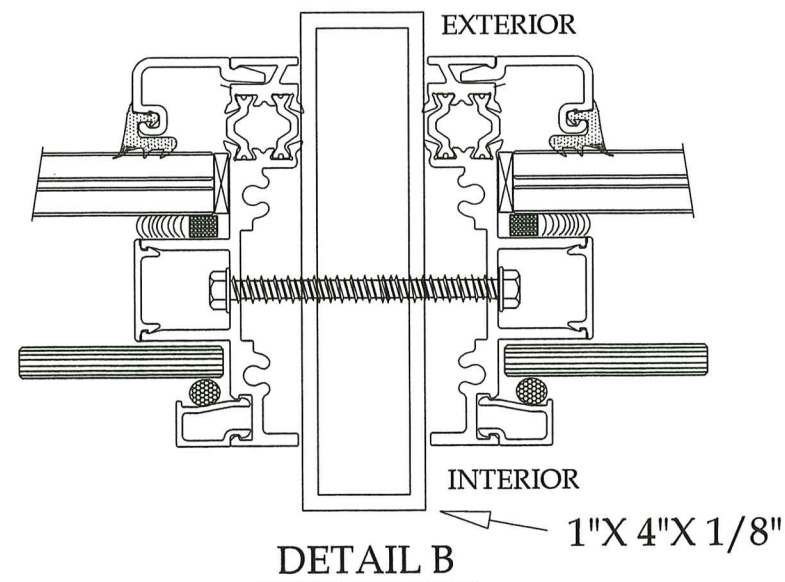


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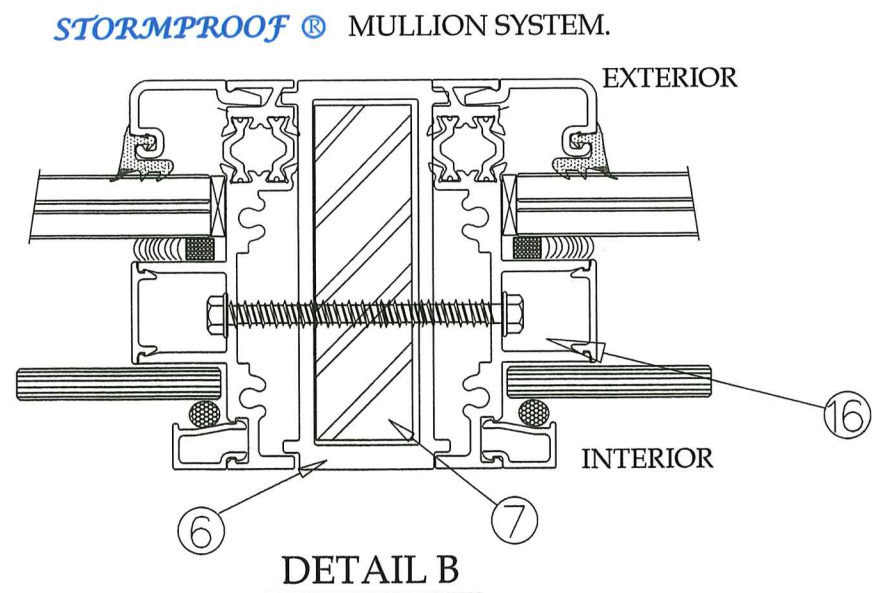
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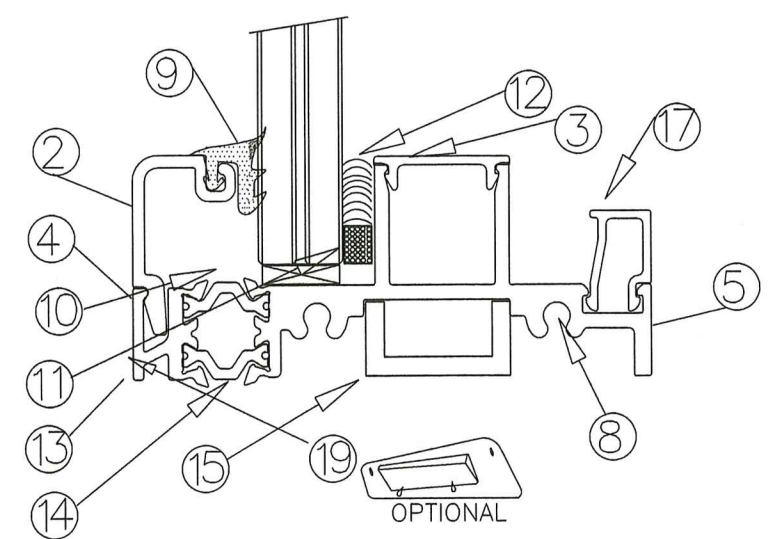
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 sheet 6 of 7



STANDARD MULLION under Separate NOA
Lower Design Pressure Shall Control



WOOD BUCKS OR METAL
STRUCTURE NOT BY STORMPROOF



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