



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

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Crimsafe North America
16000 Canary Avenue
La Mirada, CA 90638

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Framed Build-Out Window with Stainless Steel Hurricane Screen

APPROVAL DOCUMENT: Drawing #MD-500-BOW, titled "Build-Out Window Fixed Hurricane Screen", prepared by Crimsafe North America, dated August 26, 2021, sheets 1 through 6 of 6, signed and sealed by Robert James Amoruso, P.E., on September 07, 2021, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, Lakeland, Florida and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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

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

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA #21-0914.07** and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
02/01/2024

NOA No. 23-1024.11
Expiration Date: 01/06/2026
Approval Date: 02/01/2024

Crimsafe North America

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #10-0504.04

A. DRAWINGS

1. *Drawing titled "Build-Out Window Hurricane Screen", prepared by Crimsafe North America LLC, dated November 18, 2010, sheets 1 through 4 of 4, signed and sealed by Robert L. Clark, P.E., on December 03, 2010.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of Aluminum Build-Out Fixed Window Impact Screen, prepared by Architectural Testing, Report No. 98897.01-401-18, dated March 23, 2010, signed and sealed by Joseph A. Reed, P.E.*

C. CALCULATIONS

1. *Calculation prepared by Robert L. Clark, P.E., dated April 30, 2010, 6 pages, signed and sealed by Robert L. Clark, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building and Neighborhood Compliance Department (BNC).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Letter prepared by Robert L. Clark, P.E., dated April 30, 2010, signed & sealed by Robert L. Clark, P.E., stating that he has no financial involvement with architectural Testing Lab and the product meets the requirements of the 2007 Florida building Code with the 2009 revision.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #15-1203.09

A. DRAWINGS

1. *Drawing #MD-500-BOW, titled "Build-Out Window Fixed Hurricane Screen", prepared by Crimsafe North America, dated September 24, 2010, sheets 1 through 4 of 4, signed and sealed by Robert L. Clark, P.E., on February 10, 2017.*

B. TESTS


1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1024.11
Expiration Date: 01/06/2026
Approval Date: 02/01/2024

Crimsafe North America

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Letter prepared by Robert L. Clark, P.E., dated February 01, 2017, signed & sealed by Robert L. Clark, P.E., stating that the product meets the requirements of the 2014 Edition of the Florida building Code.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #19-0619.06

A. DRAWINGS

1. *Drawing #MD-500-BOW, titled "Build-Out Window Fixed Hurricane Screen", prepared by Crimsafe North America, dated September 24, 2010, sheets 1 through 6 of 6, signed and sealed by Robert L. Clark, P.E., on June 13, 2019.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #21-0914.07

A. DRAWINGS

1. *Drawing #MD-500-BOW, titled "Build-Out Window Fixed Hurricane Screen", prepared by Crimsafe North America, dated August 26, 2021, sheets 1 through 6 of 6, signed and sealed by Robert James Amoroso, P.E., on September 07, 2021.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1024.11
Expiration Date: 01/06/2026
Approval Date: 02/01/2024

Crimsafe North America

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Letter prepared by PTC, dated September 24, 2023, signed & sealed by Robert James Amoruso, P.E., stating that the product meets the requirements of the 2023 Edition of the Florida building Code.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor

NOA No. 23-1024.11

Expiration Date: 01/06/2026

Approval Date: 02/01/2024

SYSTEM NOTES :

1. FRAME & PANEL CONSTRUCTION: EXTRUDED ALUMINIUM FRAME CORNERS ARE MITERED AND STAKED.
2. FRAME DOES NOT CONTAIN ANY HARDWARE.
3. MESH CONSTRUCTION: STAINLESS STEEL GRADE MESH IS MADE UP OF 304 "HIGH TENSILE" STAINLESS STEEL, WITH ϕ 0.035" STRANDS ARRANGED 10 STRANDS BY 10 STRANDS PER SQUARE INCH THE MESH INFORMATION IS DESCRIBED IN SHEET 6.
4. THE MESH IS ATTACHED ONTO THE MAIN FRAME BY A REMOVABLE ALUMINIUM CLAMP WITH TAMPER RESISTANT SECURITY HEAD SCREW.

BUILD OUT WINDOW AND CONCEALED STANDARD FIXED HURRICANE SCREEN

MAXIMUM ALLOWABLE
DESIGN PRESSURES:

+99.0 PSF
-99.0 PSF

MIN SEPERATION FROM GLAZING:
HVHZ 7"

GENERAL NOTES :

1. THE WINDOW SCREEN SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN COMPLIANCE WITH THE 2020 FLORIDA BUILDING CODE AND TEST PROTOCOLS TAS 201, 202 & 203. THIS SYSTEM MAY BE USED WITHIN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AS WELL AS THROUGHOUT THE STATE OF FLORIDA.
2. POSITIVE AND NEGATIVE DESIGN PRESSURES SHALL BE CALCULATED IN ACCORDANCE WITH THE GOVERNING CODE.
3. INSTALLATION OF ALL UNITS SHALL ALLOW FOR RESPECTIVE MINIMUM SEPARATION FROM GLAZING AS NOTED ON THIS PAGE. REF SECTION DETAILS FOR DESCRIPTION OF THIS DISTANCE.
4. MULTIPLE UNITS SHALL BE INSTALLED USING APPROVED ALUMINIUM STRUCTURAL FRAME OF ALLOY 6063-T5(MIN). FRAME SHALL MEET ALL APPLICABLE IMPACT & WINDLOAD CRITERIA, AND SHALL BE INSTALLED PER RESPECTIVE PRODUCT APPROVAL DOCUMENTATION.
5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DEFFERENT FROM THE CONDITIONS DETAILED HEREIN, A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS.
6. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.
7. PERIMETER SQUARE TUBE MAY BE ANCHORED TO VERTICAL FACE ("FACE MOUNT") OF HOST STRUCTURE.
8. SYSTEM MAY BE INSTALLED VERTICALLY OR HORIZONTALLY (AS SHOWN IN THIS PAGE).

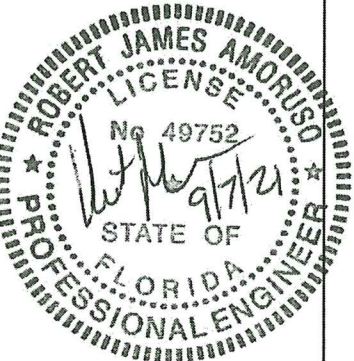
Manufacturer:



Crimsafe North America
16000 Canary Avenue
La Mirada, CA. 90638
Phone: (714) 515-6655
Fax: (844) 804-4152

Product:
**BUILD OUT WINDOW
AND CONCEALED
STANDARD FIXED
HURRICANE SCREEN**

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

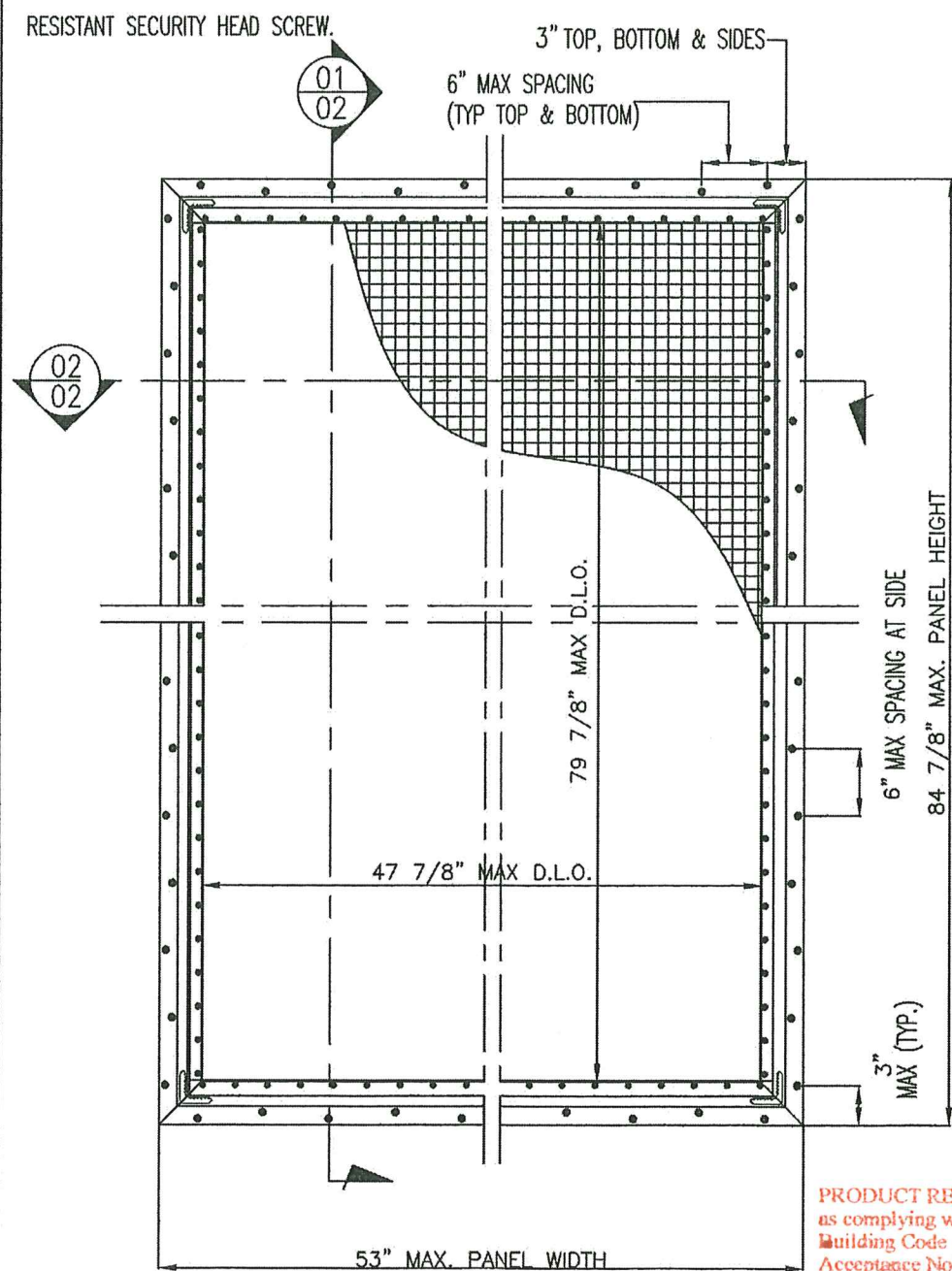
Rev.	Rev. Description
1	UPDATE TO 2020 FBC

Date: 26 AUG 2021
Scale: NA
Design by: CRIMS SAFE

PRODUCT CONTROL DIVISION

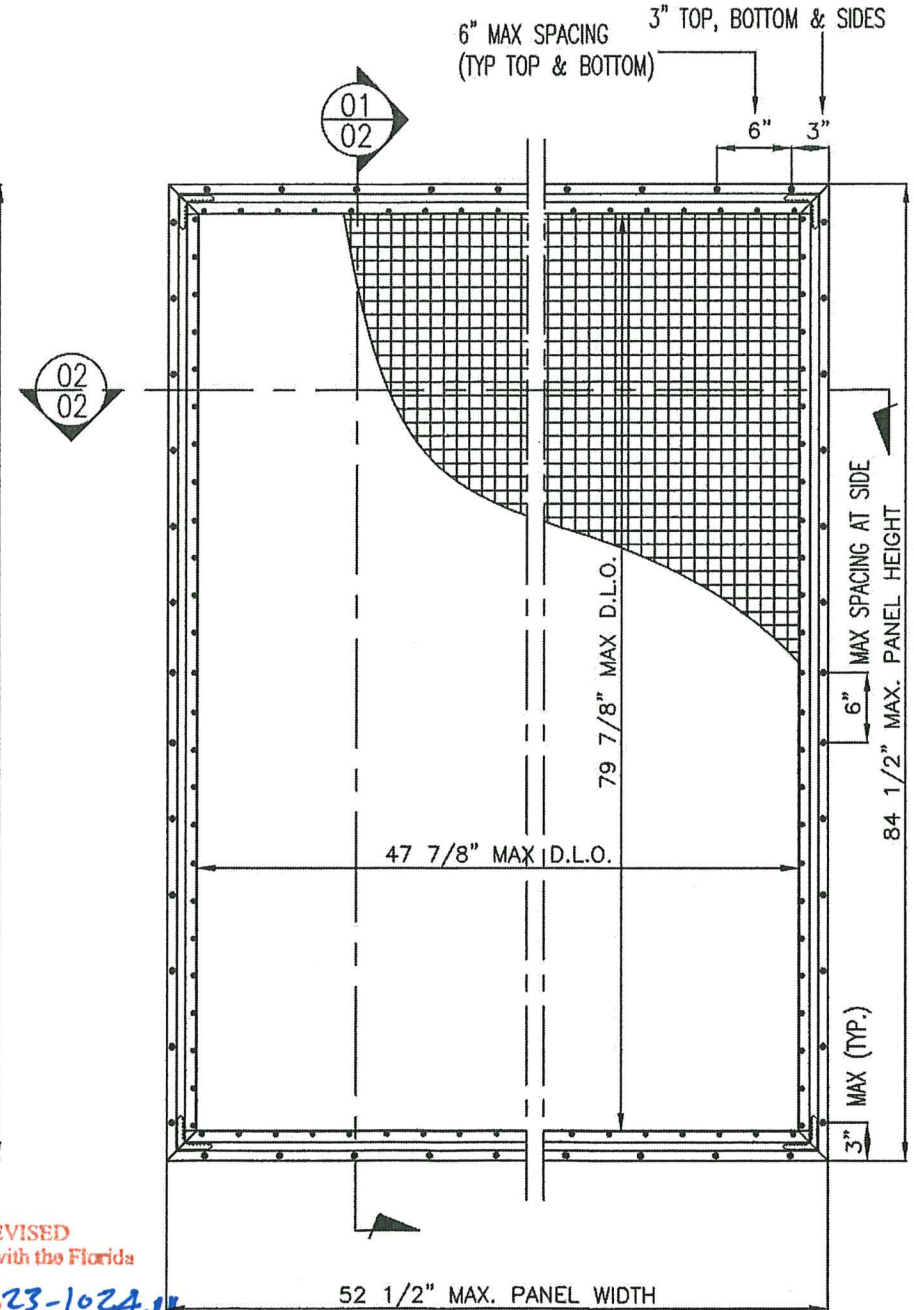
Drawing Number
MD-500-BOW

Sheet
1 of 6



01
01 TYPICAL ELEVATION
SCALE EXTER ELEV

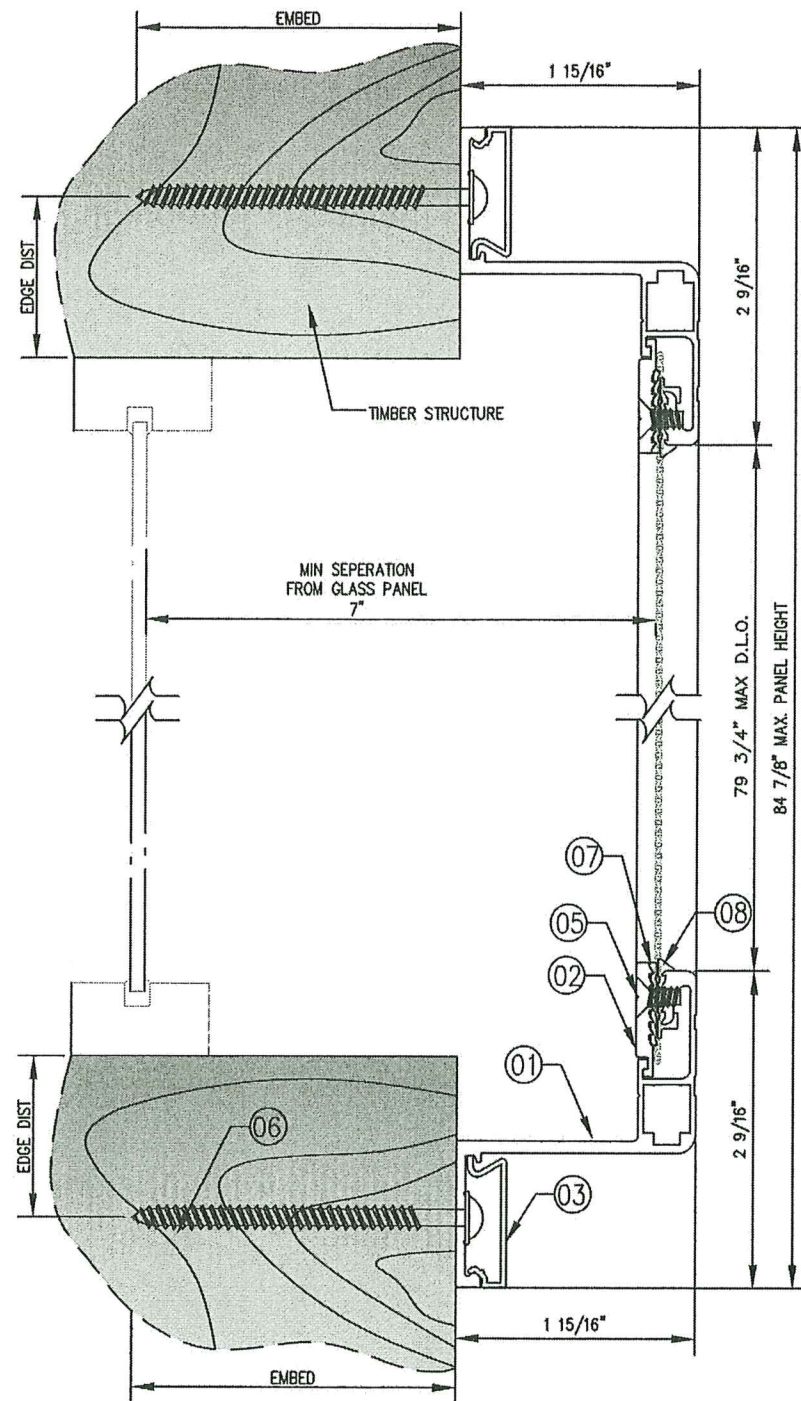
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-1024-18
Expiration Date 01/06/2026
By He G. A. M. M.
Miami Date Product Control



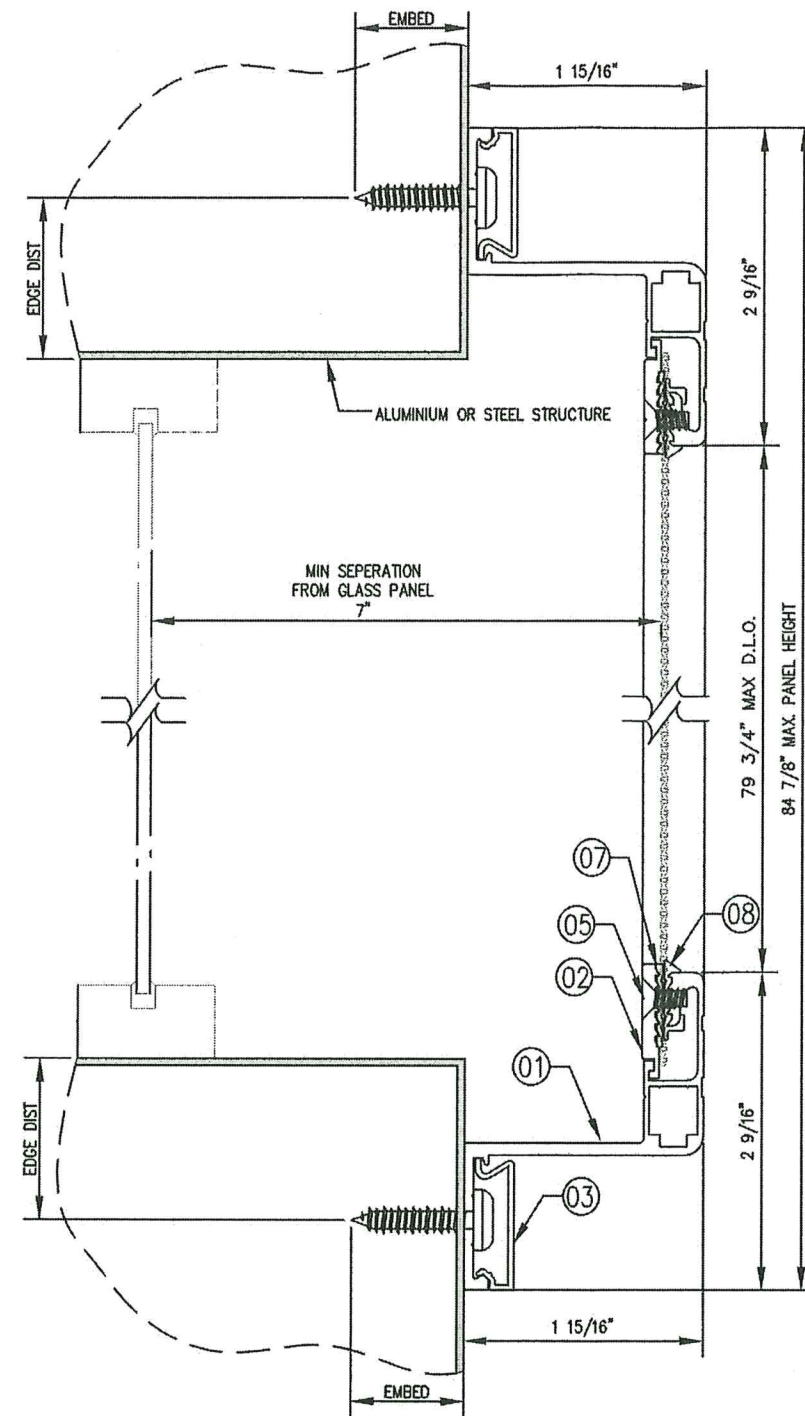
01
01 TYPICAL ELEVATION
SCALE EXTER ELEV

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0914-07
Expiration Date 01/06/2026
By He G. A. M. M.
Miami Date Product Control

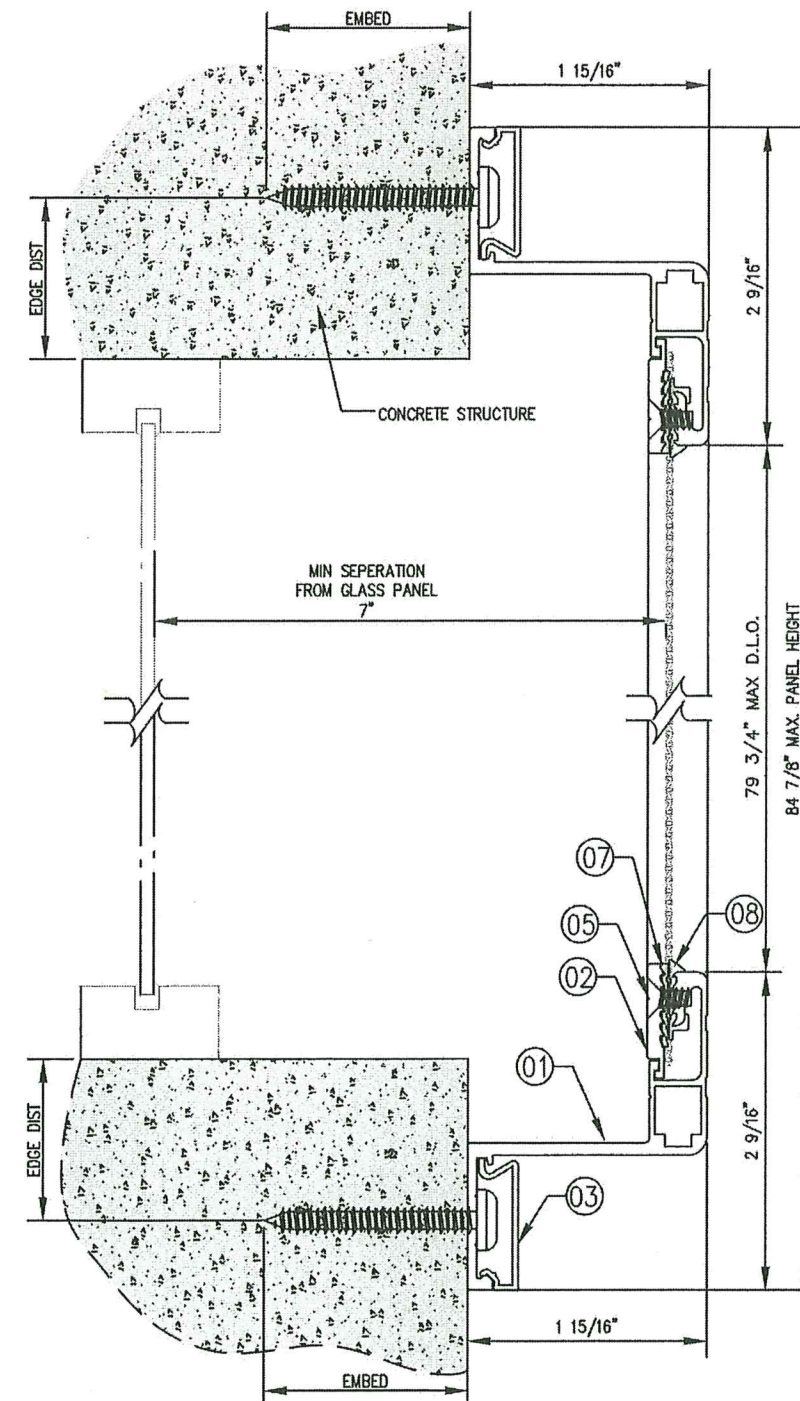
ALL DIMENSION IN INCHES



ATTACHMENT TO WOOD



ATTACHMENT TO ALUMINIUM OR STEEL



ATTACHMENT TO HOLLOW BLOCK OR
OR CONCRETE OR GROUT FILLED MASONRY

- 01 VERTICAL CROSS SECTION
02 SIDE FIX HURRICANE WINDOW

ANCHOR TABLE:

TYPE	STRUCTURE	MIN EMBD.
1/4" x 2 1/4" Tapcon	CONCRETE OR HOLLOW BLOCK OR GROUT FILLED MASONRY WITH MIN EDGE DISTANCE 2". WITH SCREW SPACING OF 9"	1 3/4"
#10 Self Drilling Sheet Metal Screws	ALUMINIUM OR STEEL FRAMING WITH MIN WALL THICKNESS OF 1/8" AND EDGE DISTANCE 1/2". WITH SCREW SPACING OF 9"	3/4"
#10x2 3/4"	WOOD /TIMBER WITH MIN EDGE DISTANCE 3/4". WITH SCREW SPACING OF 9"	1 3/8"

PRODUCT REVISED
as complying with the Florida:

Building Code
Acceptance No 23-1024.11
Expiration Date 01/06/2026

By Hedy A. Mahon
Miami Code Product Control

PRODUCT REVISED
as complying with the Florida:

Building Code
Acceptance No 21-0914.07
Expiration Date 01/06/2026

By Hedy A. Mahon
Miami Code Product Control

Installation shown is for wood frame, concrete, CMU, grout filled masonry, aluminum and steel tubes as similar. ALL DIMENSION IN INCHES

Manufacturer:



Crimsafe North America
16000 Canary Avenue
La Mirada, CA. 90638
Phone: (714) 515-6655
Fax: (844) 804-4152

Product:
**BUILD OUT WINDOW
AND CONCEALED
STANDARD FIXED
HURRICANE SCREEN**

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

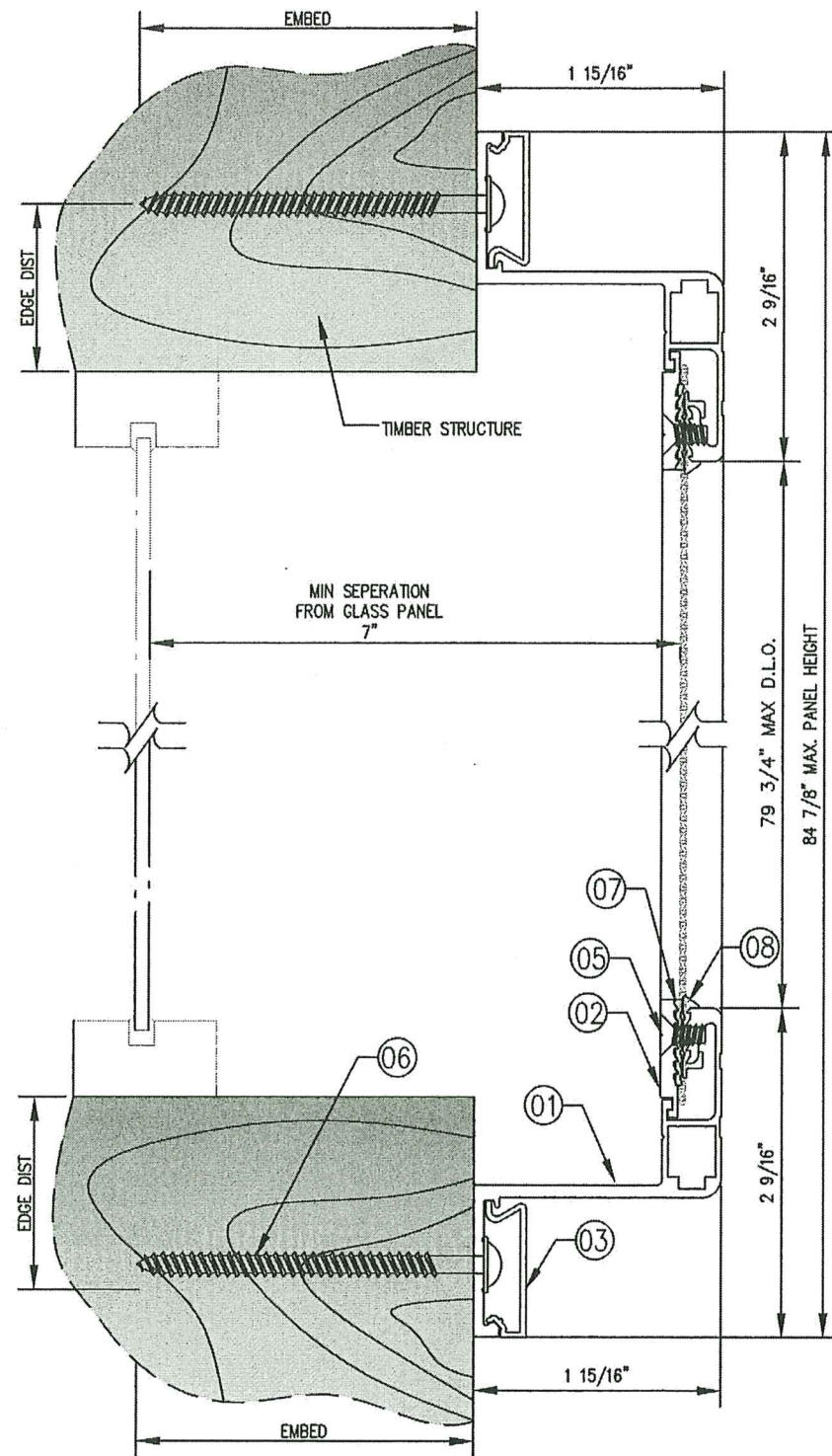
Rev.	Rev. Description
1	UPDATE TO 2020 FBC

Date: 26 AUG 2021
Scale: NA
Design by: CRIMS SAFE

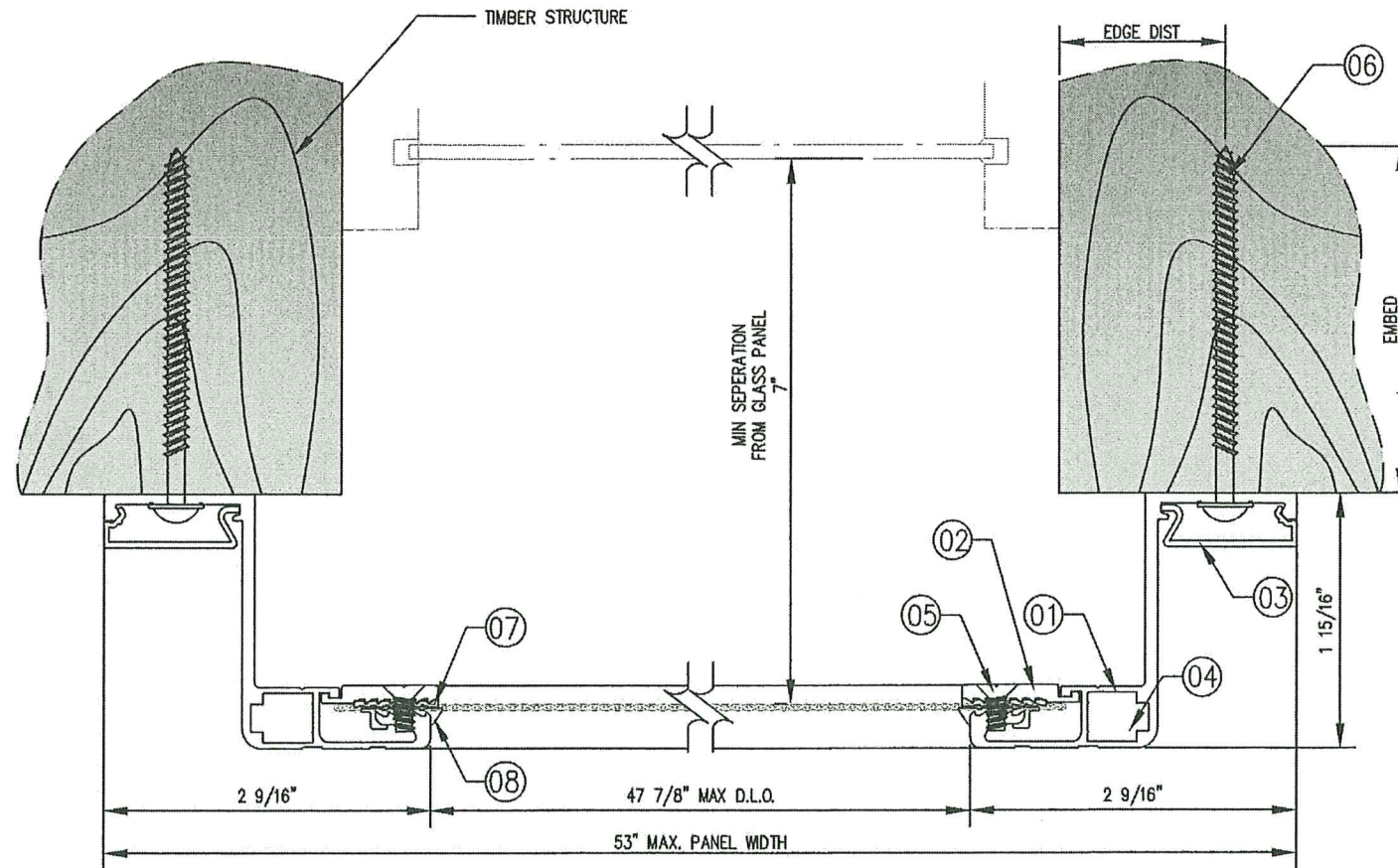
PRODUCT CONTROL DIVISION

Drawing Number
MD-500-BOW

Sheet
2 of 6



01 VERTICAL CROSS SECTION
02 SIDE FIX HURRICANE WINDOW



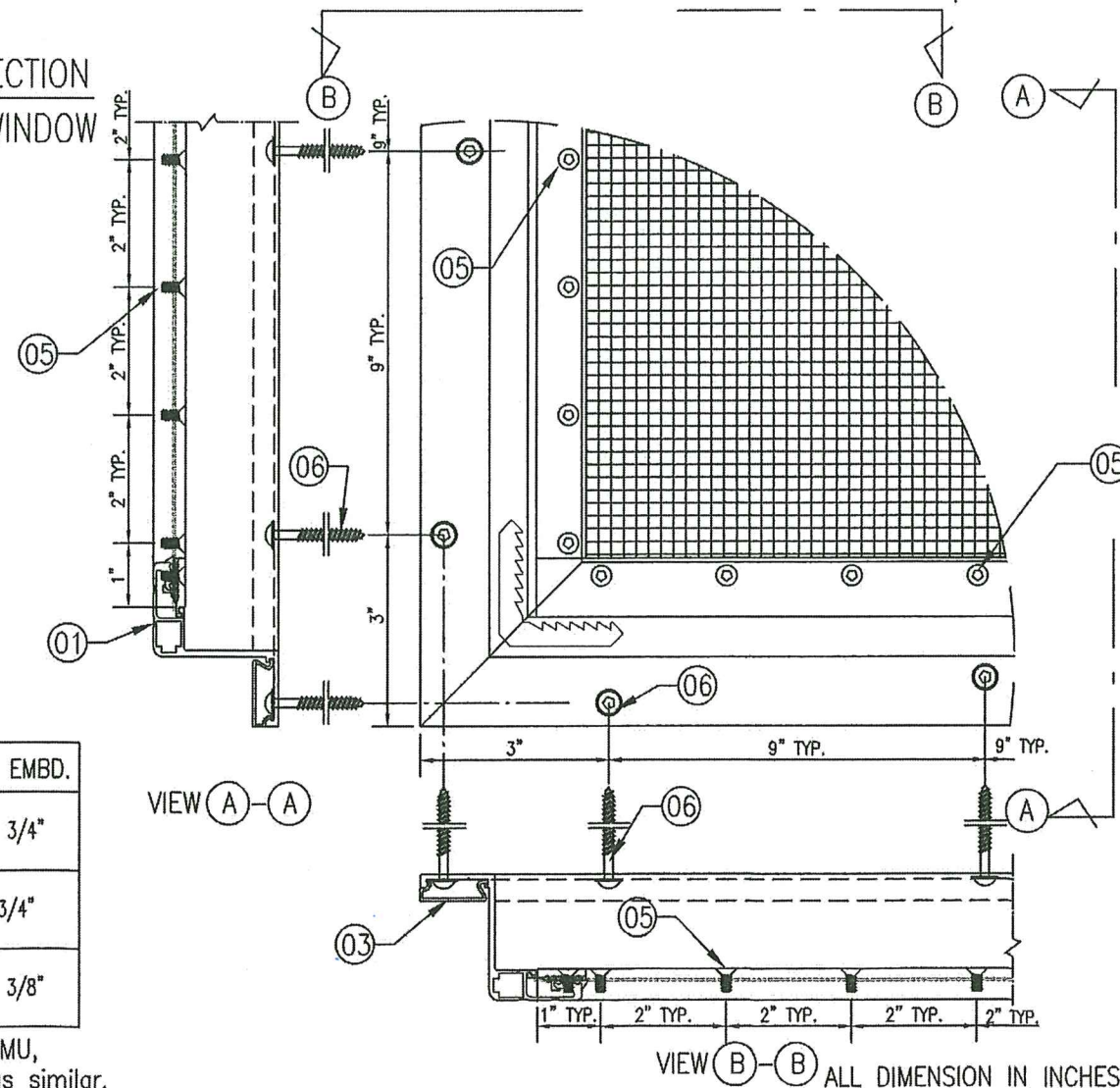
02 HORIZONTAL CROSS SECTION
02 SIDE FIX HURRICANE WINDOW

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-1024.11
Expiration Date 01/06/2026
By *Heidi A. Melon*
Miami Date Product Control

ANCHOR TABLE:

TYPE	STRUCTURE	MIN EMBD.
1/4" x 2 1/4" Tapcons	CONCRETE OR HOLLOW BLOCK OR GROUT FILLED MASONRY WITH MIN EDGE DISTANCE 2". WITH SCREW SPACING OF 9"	1 3/4"
#10 Self Drilling Sheet Metal Screws	ALUMINUM OR STEEL FRAMING WITH MIN WALL THICKNESS OF 1/8" AND EDGE DISTANCE 1/2". WITH SCREW SPACING OF 9"	3/4"
#10x2 3/4"	WOOD /TIMBER WITH MIN EDGE DISTANCE 3/4". WITH SCREW SPACING OF 9"	1 3/8"

Installation shown is for wood frame, concrete, CMU, grout filled masonry, aluminum and steel tubes as similar.



ALL DIMENSION IN INCHES

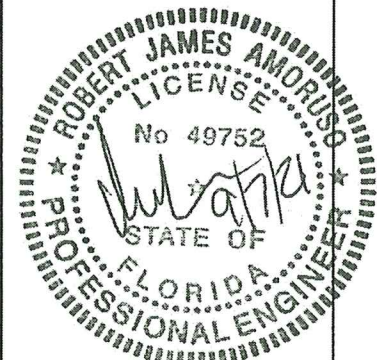
Manufacturer:



Crimsafe North America
16000 Canary Avenue
La Mirada, CA. 90638
Phone: (714) 515-6655
Fax: (844) 804-4152

Product:
**BUILD OUT WINDOW
AND CONCEALED
STANDARD FIXED
HURRICANE SCREEN**

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

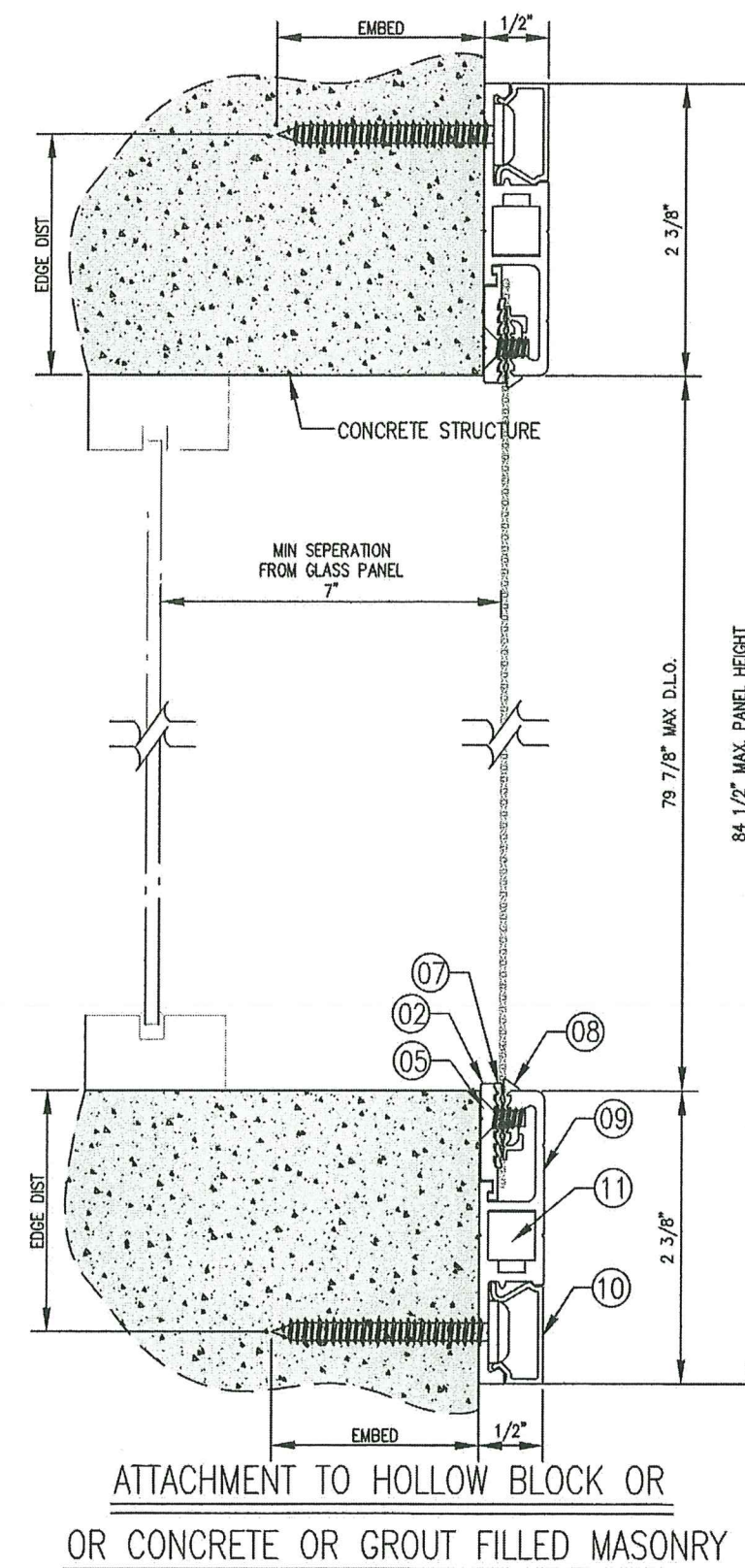
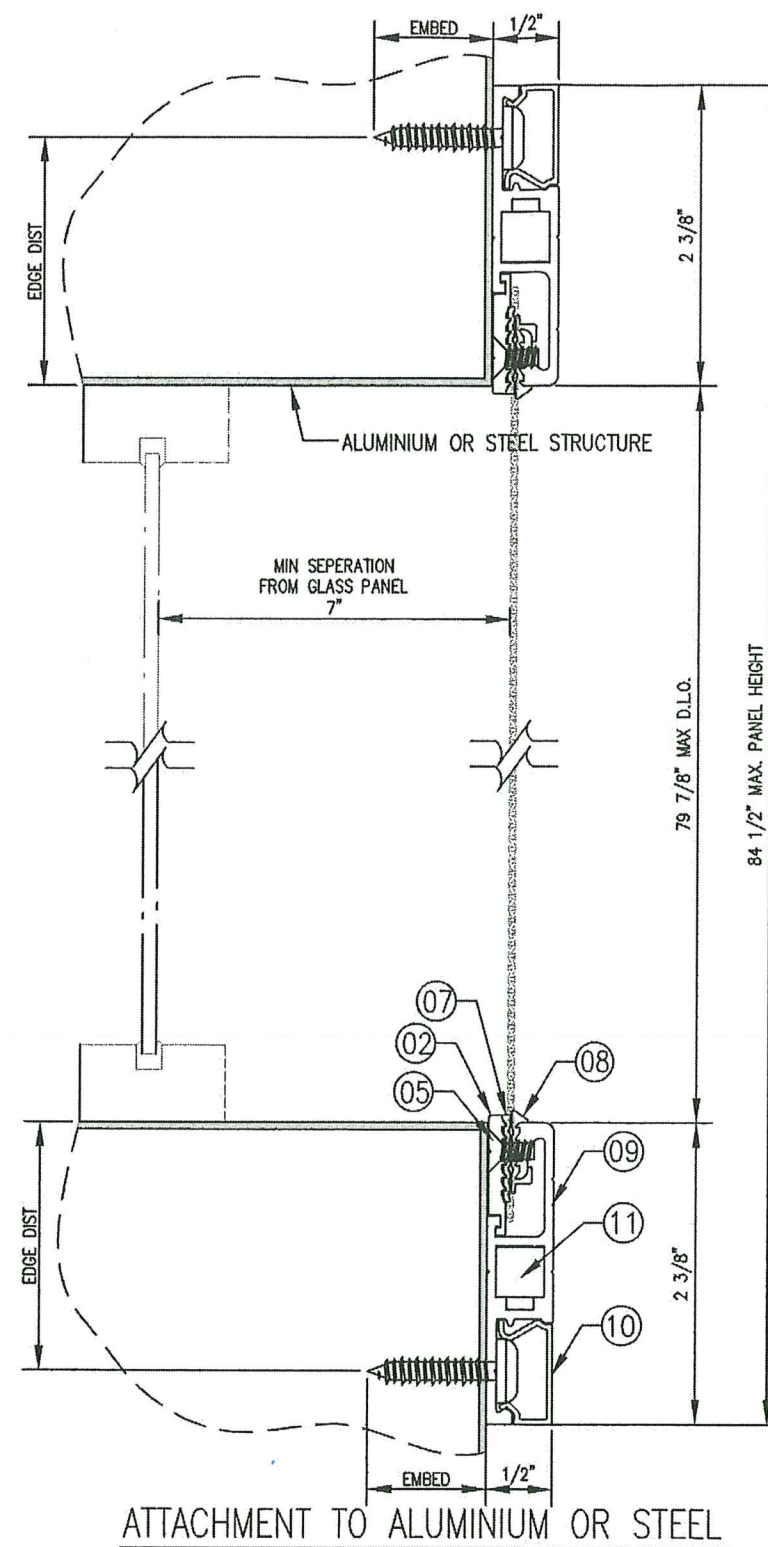
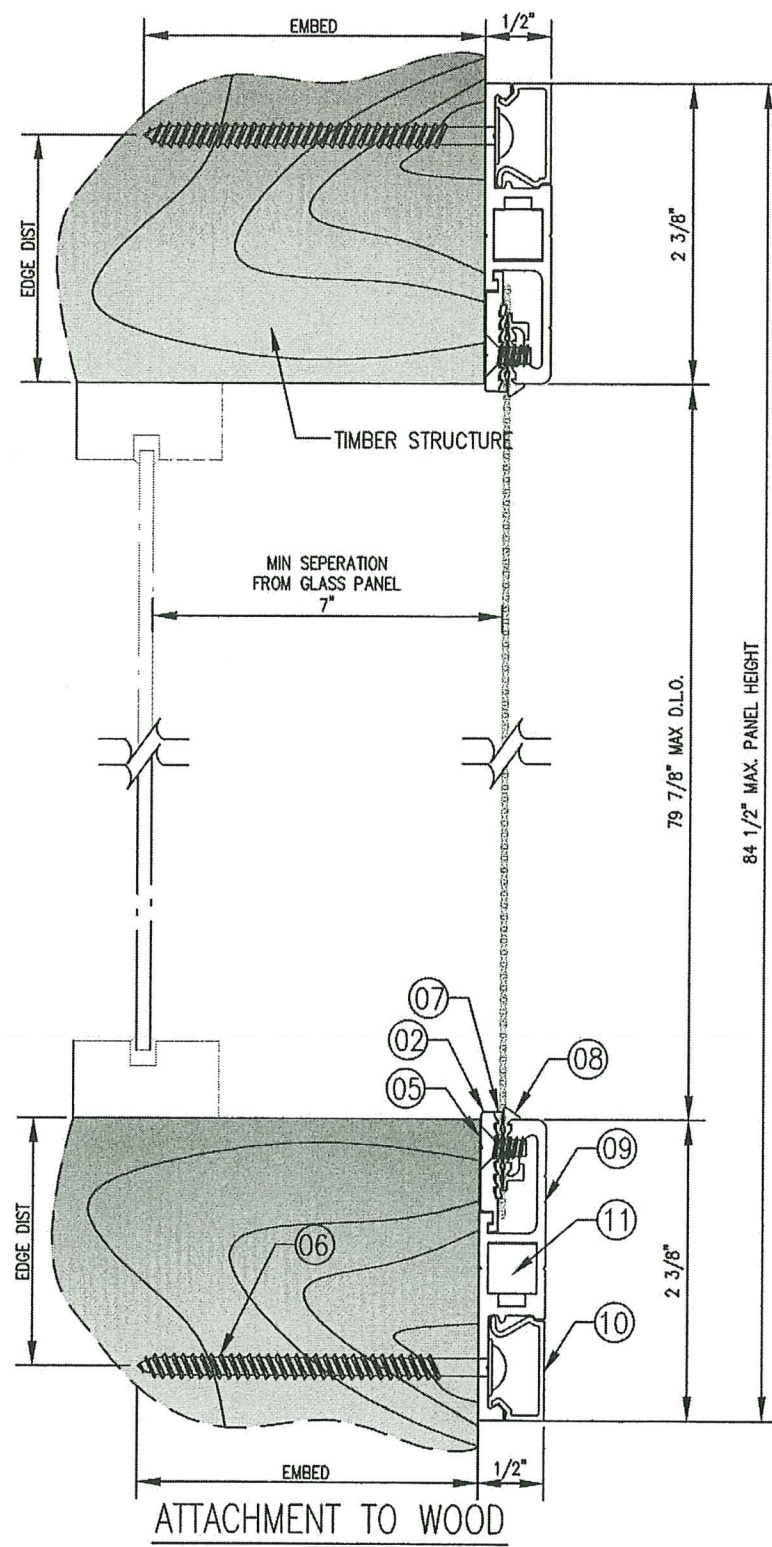
Rev.	Rev. Description
1	UPDATE TO 2020 FBC

Date: 26 AUG 2021
Scale: NA
Design by: CRIMS SAFE

PRODUCT CONTROL DIVISION
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0914.07
Expiration Date 01/06/2026
By *Heidi A. Melon*
Miami Date Product Control

Drawing Number
MD-500-BOW

Sheet
3 of 6



- 01 VERTICAL CROSS SECTION
02 SIDE FIX HURRICANE WINDOW

ANCHOR TABLE:

TYPE	STRUCTURE	MIN EMBD.
1/4"x2 1/4" Tapcons	CONCRETE OR HOLLOW BLOCK OR GROUT FILLED MASONRY WITH MIN EDGE DISTANCE 2". WITH SCREW SPACING OF 9"	1 3/4"
#10 Self Drilling Sheet Metal Screws	ALUMINIUM OR STEEL FRAMING WITH MIN WALL THICKNESS OF 1/8" AND EDGE DISTANCE 1/2". WITH SCREW SPACING OF 9"	3/4"
#10x2 3/4"	WOOD /TIMBER WITH MIN EDGE DISTANCE 3/4". WITH SCREW SPACING OF 9"	1 3/8"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1024.11
Expiration Date 01/06/2026
By *H. G. A. Miller*
Miami Date Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0914.07
Expiration Date 01/06/2026
By *H. G. A. Miller*
Miami Date Product Control

Installation shown is for wood frame, concrete, CMU,
grout filled masonry, aluminum and steel tubes as similar. ALL DIMENSION IN INCHES

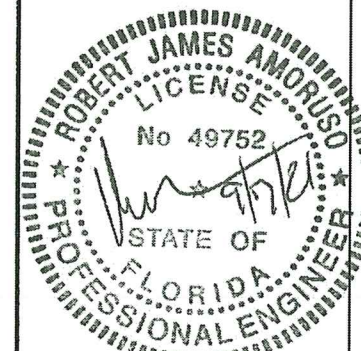
Manufacturer:



Crimsafe North America
16000 Canary Avenue
La Mirada, CA. 90638
Phone: (714) 515-6655
Fax: (844) 804-4152

Product:
**BUILD OUT WINDOW
AND CONCEALED
STANDARD FIXED
HURRICANE SCREEN**

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

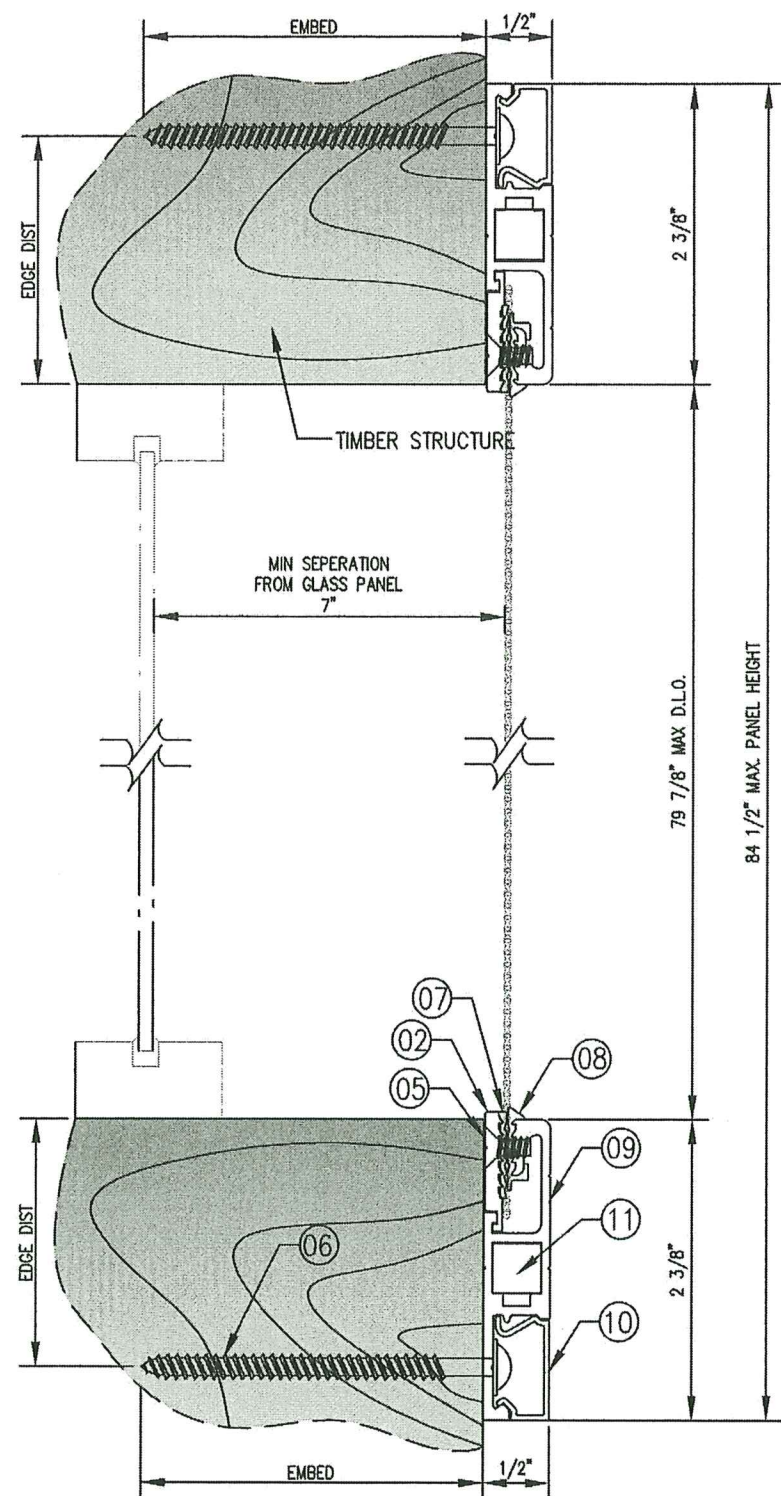
Rev.	Rev. Description
1	UPDATE TO 2020 FBC

Date: 26 AUG 2021
Scale: NA
Design by: CRIMS SAFE

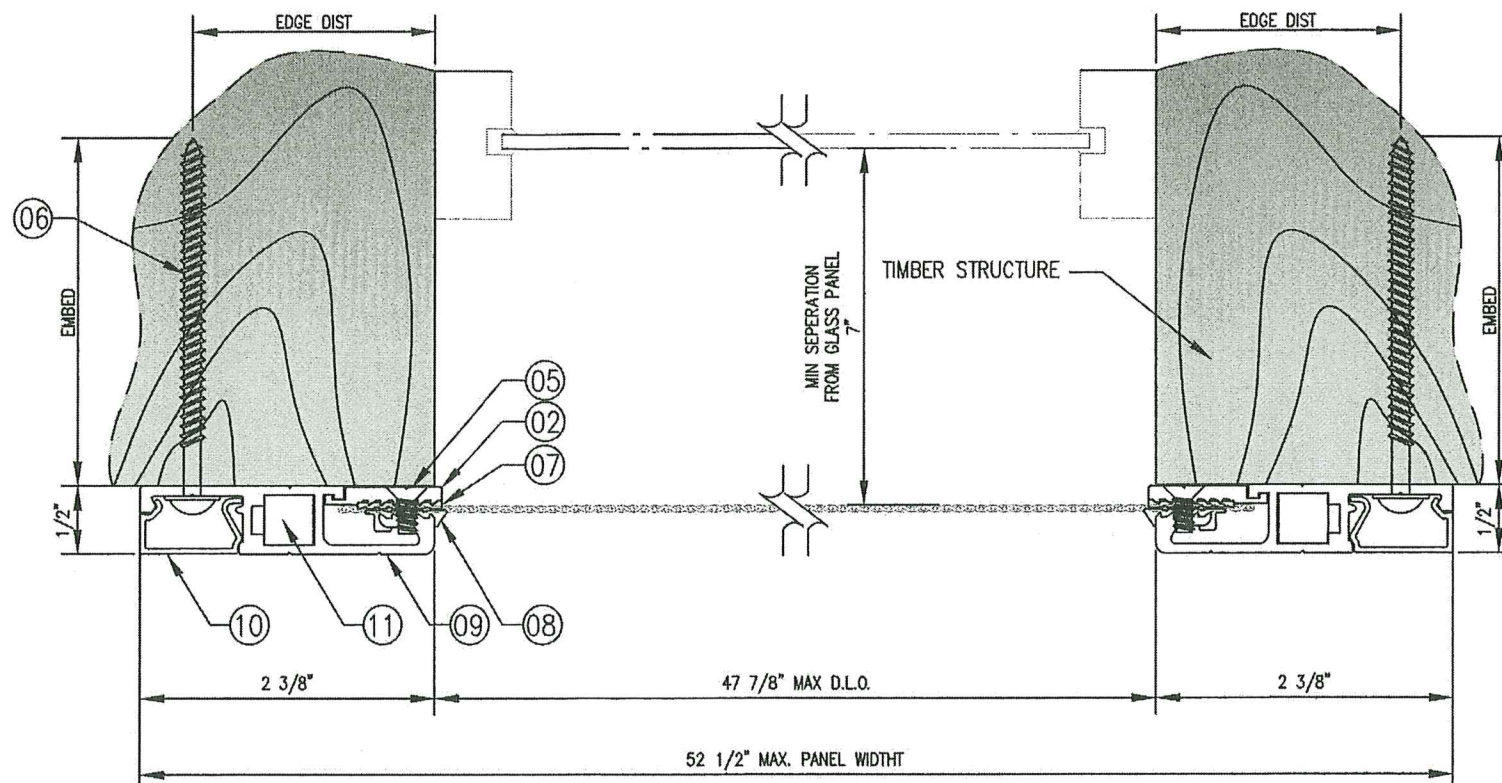
PRODUCT CONTROL DIVISION

Drawing Number
MD-500-BOW

Sheet
4 of 6



01 VERTICAL CROSS SECTION
02 SIDE FIX HURRICANE WINDOW



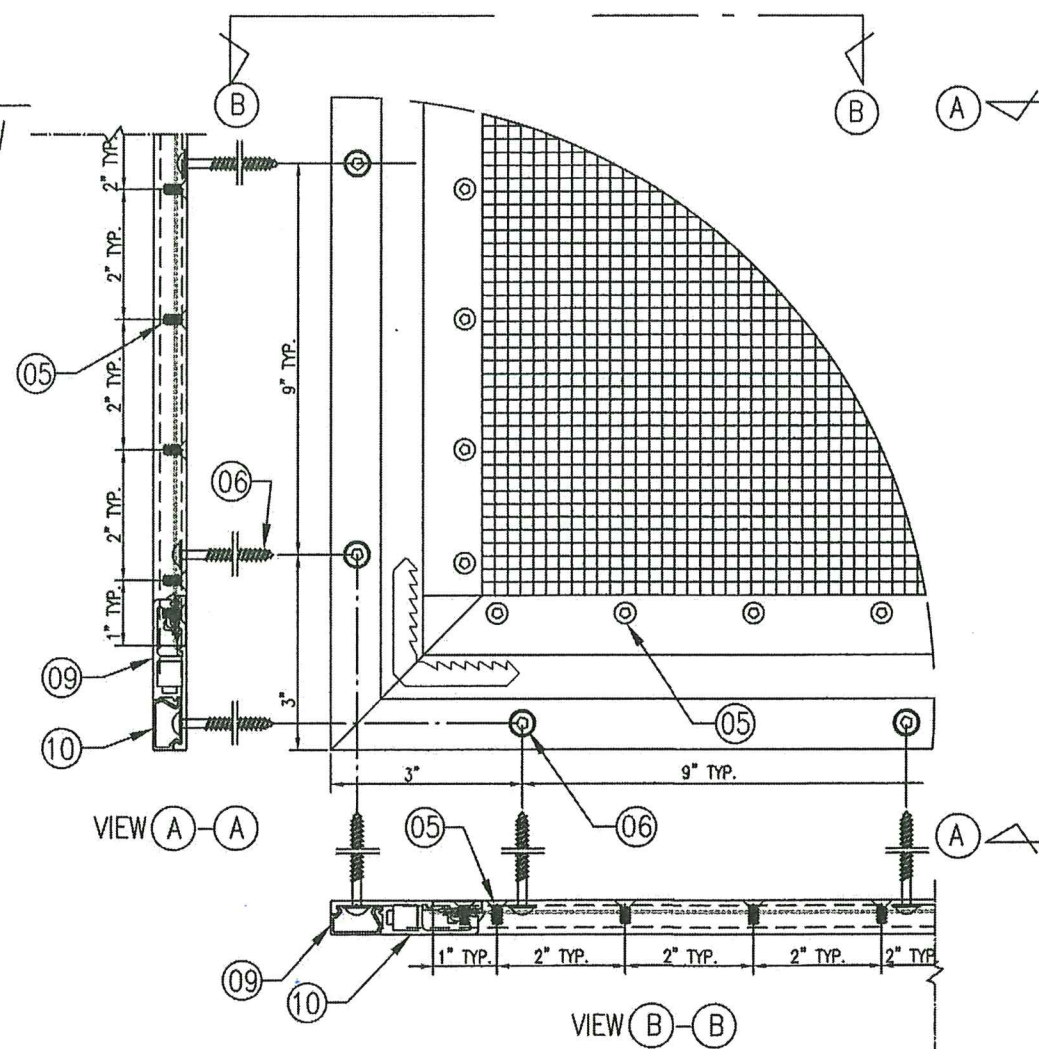
02 HORIZONTAL CROSS SECTION
02 SIDE FIX HURRICANE WINDOW

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1024.11
Expiration Date 01/06/2026
By *Hugh A. Amoruso*
Miami Design Product Control

ANCHOR TABLE:

TYPE	STRUCTURE	MIN EMBD.
1/4"x2 1/4" Tapcons	CONCRETE OR HOLLOW BLOCK OR GROUT FILLED MASONRY WITH MIN EDGE DISTANCE 2". WITH SCREW SPACING OF 9"	1 3/4"
#10 Self Drilling Sheet Metal Screws	ALUMINUM OR STEEL FRAMING WITH MIN WALL THICKNESS OF 1/8" AND EDGE DISTANCE 1/2". WITH SCREW SPACING OF 9"	3/4"
#10 x 2 3/4"	WOOD /TIMBER WITH MIN EDGE DISTANCE 3/4". WITH SCREW SPACING OF 9"	1 3/8"

Installation shown is for wood frame, concrete, CMU,
grout filled masonry, aluminum and steel tubes as similar.



ALL DIMENSION IN INCHES

Manufacturer:

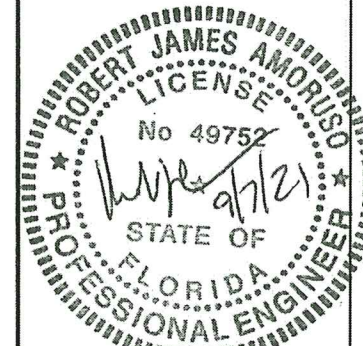


Crimsafe North America
16000 Canary Avenue
La Mirada, CA. 90638
Phone: (714) 515-6655
Fax: (844) 804-4152

Product:

**BUILD OUT WINDOW
AND CONCEALED
STANDARD FIXED
HURRICANE SCREEN**

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

Rev.	Rev. Description
1	UPDATE TO 2020 FBC

Date: 26 AUG 2021
Scale: NA
Design by: CRIMS SAFE

PRODUCT CONTROL DIVISION
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0914.07
Expiration Date 01/06/2026
By *Hugh A. Amoruso*
Miami Design Product Control

Drawing Number
MD-500-BOW

Sheet
5 of 6

