

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 with Stainless Steel Hurricane Screen

APPROVAL DOCUMENT: Drawing #MD-100-CSSC, titled "Crimsafe-S-Cape Hurricane Screen", prepared by Crimsafe North America, dated August 26, 2021, sheets 1 through 5 of 5, 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", and NOA number, per TAS-201, TAS-202, and TAS-203, 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 # 21-0914.08 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.

MIAMI:DADE COUNTY
APPROVED

Help A. Mar 02/01/2024

NOA No. 23-1024.12 Expiration Date: 12/09/2025 Approval Date: 02/01/2024

Page 1

Crimsafe North America

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-1005.03

A. DRAWINGS

1. Drawing titled "Safe-S-Cape Hurricane Screen", prepared by Crimsafe North America LLC, dated November 9, 2010, sheets 1 through 5 of 5, signed and sealed by Robert L. Clark, P.E., on November 11, 2010.

B. TESTS

- 1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of Aluminum Hinged Impact Window Screen, prepared by Architectural Testing, Report No. 92587.03-401-18, dated March 18, 2010, signed and sealed by Joseph A. Reed, P.E.
- 2. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of Aluminum Hinged Impact Window Screen, prepared by Architectural Testing, Report No. 92587.01-401-18, dated September 22, 2009, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Calculation prepared by Broadway Engineering, P.A., dated November 24, 2009, 6 pages, signed and sealed by Elizabeth A. Broadway, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter prepared by Robert L. Clark, P.E., dated June 29, 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 # 12-0306.13

A. DRAWINGS

1. Drawing titled "Crimsafe-S-Cape Hurricane Screen", prepared by Crimsafe North America LLC, dated February 20, 2012, sheets 1 through 5 of 5, signed and sealed by Robert L. Clark, P.E., on March 05, 2012.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

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

NOA No. 23-1024.12

Expiration Date: 12/09/2025 Approval Date: 02/01/2024

Crimsafe North America

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. **QUALITY ASSURANCE**

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

MATERIAL CERTIFICATIONS E.

None. 1.

F. **STATEMENTS**

Letter prepared by Robert L. Clark, P.E., dated March 05, 2012, signed & sealed by Robert L. Clark, P.E., stating that the product meets the requirements of the 2010 Edition of the Florida building Code.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-1203.10

A. **DRAWINGS**

Drawing titled "Crimsafe-S-Cape Hurricane Screen", prepared by Crimsafe North 1. America, dated February 20, 2012, last revision dated July 29, 2015, sheets 1 through 5 of 5, signed and sealed by Robert L. Clark, P.E., on October 07, 2015.

В. **TESTS**

None. 1.

C. **CALCULATIONS**

None. 1.

OUALITY ASSURANCE D.

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

MATERIAL CERTIFICATIONS E.

None. 1.

F. **STATEMENTS**

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.

EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-0619.07

A. **DRAWINGS**

Drawing titled "Crimsafe-S-Cape Hurricane Screen", prepared by Crimsafe North 1. America, dated February 20, 2012, last revision dated May 10, 2019, sheets 1 through 5 of 5, signed and sealed by Robert L. Clark, P.E., on June 13, 2019.

В. **TESTS**

None. 1.

C. **CALCULATIONS**

None. 1.

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

> > NOA No. 23-1024.12 Expiration Date: 12/09/2025 Approval Date: 02/01/2024

Crimsafe North America

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

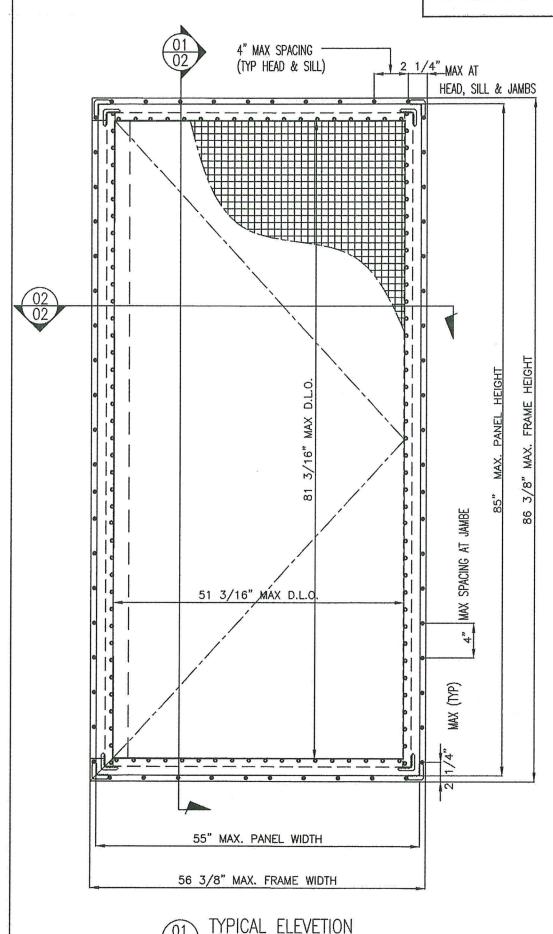
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- 5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 21-0914.08
- A. DRAWINGS
 - 1. Drawing #MD-100-CSSC, titled "Crimsafe-S-Cape Hurricane Screen", prepared by Crimsafe North America, dated August 26, 2021, sheets 1 through 5 of 5, signed and sealed by Robert James Amoruso, P.E., on September 07, 2021.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. OUALITY ASSURANCE
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- 6. NEW EVIDENCE SUBMITTED
- A. DRAWINGS
 - 1. None.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. OUALITY ASSURANCE
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- F. STATEMENTS
 - 1. FBC, 2023 Edition Compliance Letter prepared by PTC, dated 09/24/23, signed & sealed by Robert James Amoruso, P.E.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 23-1024.12

Expiration Date: 12/09/2025 Approval Date: 02/01/2024

CRIMSAFE-S-CAPE HURRICANE SCREEN



SCALE

EXTER ELEV

MAXIMUM ALLOWABLE DESIGN PRESSURES:

+99 PSF

-99 PSF

MIN SEPARATION FROM GLAZING: 3.16"

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).

SYSTEM NOTES:

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

PRODUCT REVISED as complying with the Florid.

PRODUCT REVISED as complying with the Florida

ALL DIMENSIONS IN INCHES

Manufacturer:



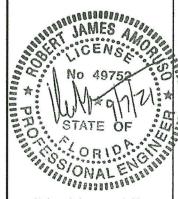
Crimsafe North America 16000 Canary Avenue

La Mirada, CA. 90638

Phone: (714) 515-6655 Fax: (844) 804-4152

Product: CRIMSAFE S CAPE **HURRICANE SCREEN**

TC 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	_		
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Date: 26 AUG 2021

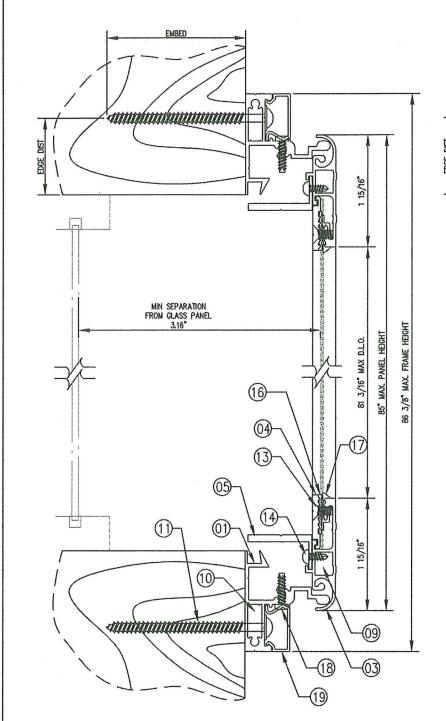
Scale: NA

Design by: CRIMSAFE

PRODUCT CONTROL DIVISION

Drawing Number MD-100-CSSC

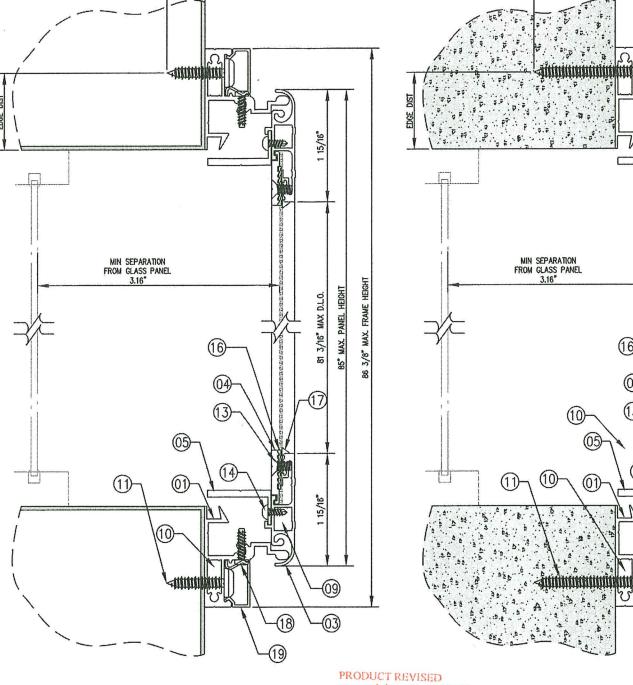
> Sheet 1 of 5





ANCHOR TABLE:

TYPE	STRUCTURE	MIN EMBD.
1/4" X 2 1/4" TAPCONS	CONCRETE OR HOLLOW BLOCK WITH MIN EDGE DISTANCE 2 1/2". WITH SCREW SPACING TO 4"	1 3/4"
#12 SELF DRILLING SHEET METAL SCREWS	ALUMINIUM OR STEEL FRAMING WITH MIN EDGE DISTANCE 1 3/8". WITH SCREW SPACING TO 4"	3/4"
∯12 X 2 3/4"	WOOD /TIMBER WITH MIN EDGE DISTANCE 1 3/8". WITH SCREW SPACING TO 4"	1 3/8"
	And the state of t	



ATTACHMENT TO ALUMINIUM OR STEEL

VERTICAL CROSS SECTION SIDE FIX HURRICANE WINDOW ATTACHMENT TO HOLLOW BLOCK OR CONCRETE

> PRODUCT REVISED as complying with the Florida

> > ALL DIMENSIONS IN INCHES

-09

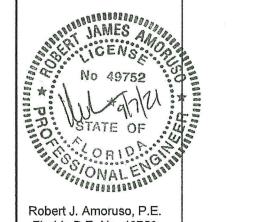
Manufacturer:



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

Product: CRIMSAFE S CAPE **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

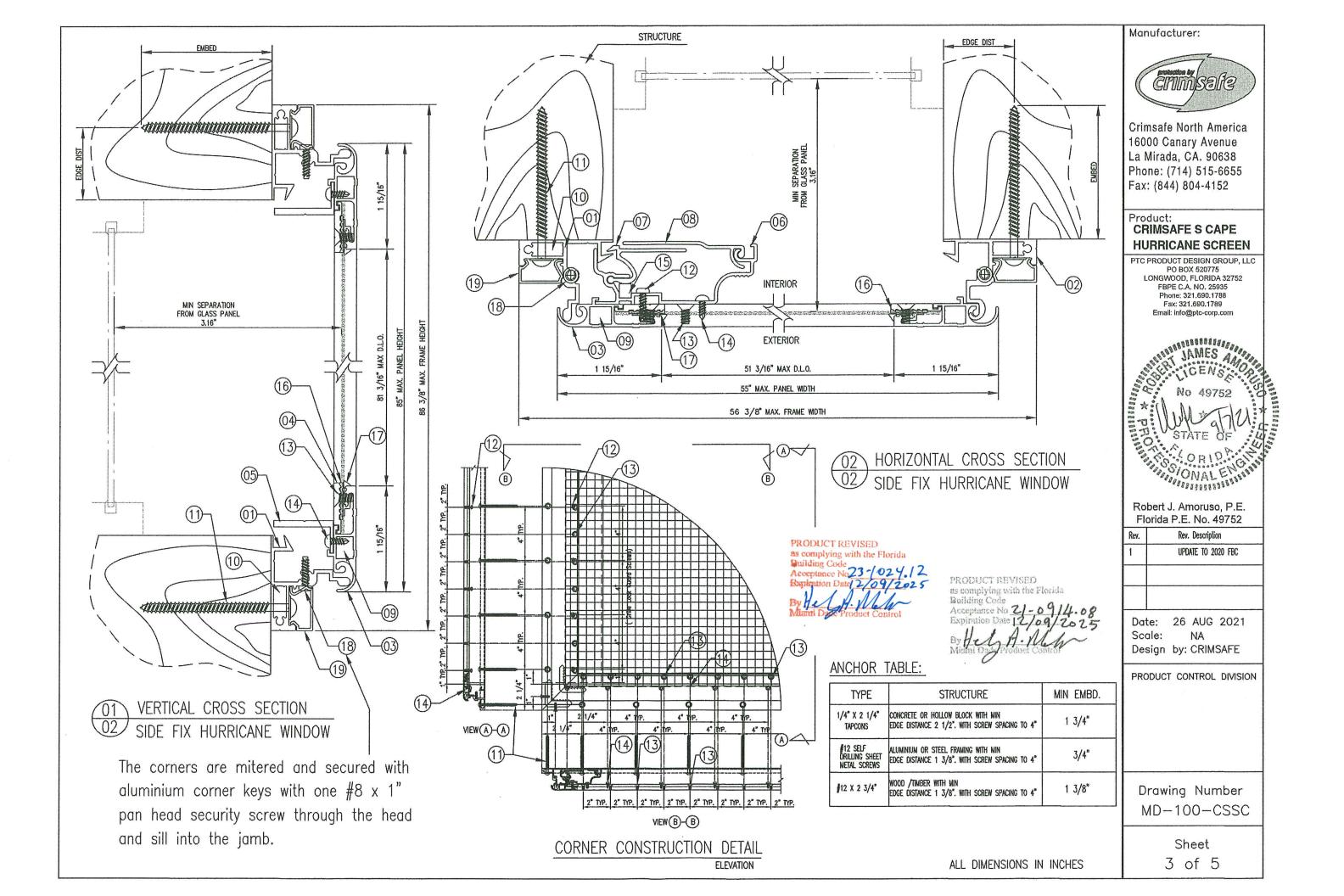
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UPDATE TO 2020 FE	

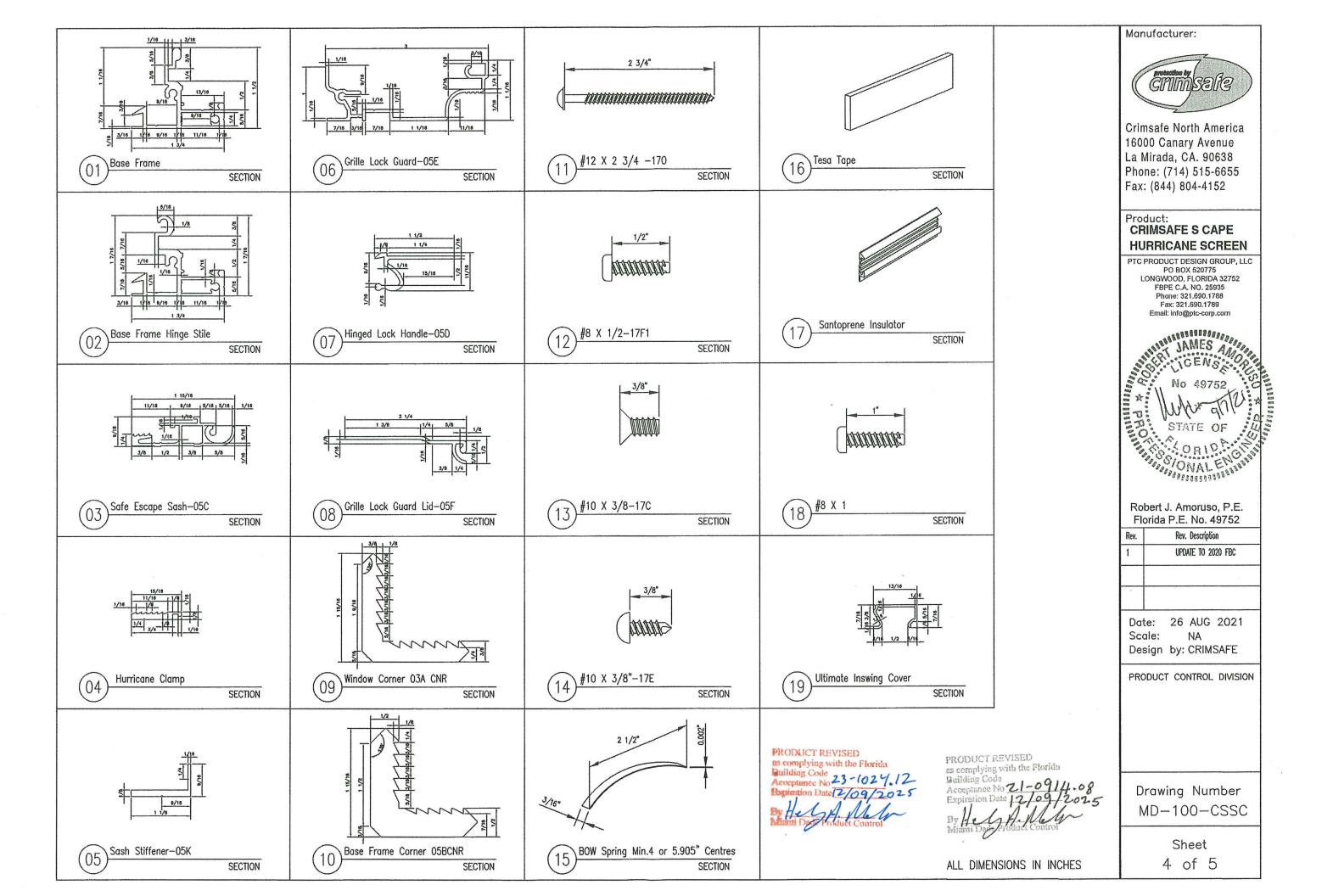
Date: 26 AUG 2021 Design by: CRIMSAFE

PRODUCT CONTROL DIVISION

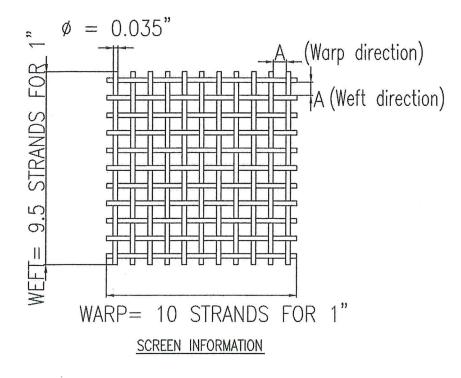
Drawing Number MD-100-CSSC

> Sheet 2 of 5





BILL OF MATERIAL					
ITEM	DESCRIPTION	MATERIAL	QTY		
0)	Base Frame-05A	6063-T5	3		
@	Base Frame Hinge Stile-05B	6063-T5	1		
(3)	Safe Escape Sash-05C	6063-T5	4		
<u>@</u>	Standard Clamp	6063-T5	4		
©	Sash Stiffener-05K (Internal surround)	6063-T5	2		
6	Grille Lock Guard-05E	6063-T5	1		
07	Hinged Lock Handle-05D	6063-T5	1		
<u>@</u>	Grille Lock Guard Lid-05F	6063-T5	1		
(9)	Window Corner 03A CNR	6063-T5	4		
10	Base Frame Corner O5BCNR	6063-T5	4		
11)	ANCHOR SCREW #10x 2 3/4"	STAINLESS STEEL	68		
12	#8 x 1/2" Self Tapping Mushroom Head Screw 17F1	STAINLESS STEEL	8		
13	#10 x 3/8" Countersunk Clamp Screws 17C	STAINLESS STEEL	170		
14)	#10 x 3/8" Self Drilling Screws 17B-BLKD	STAINLESS STEEL	26		
15	BOW Spring Min.4 or 5.90" Centres	STAINLESS STEEL	8		
16	Tesa Tape	-	4		
17)	Santoprene Insulator	Santoprene	4		
(18)	#8 x 1" Self Tapping Mushroom Head Screw	STAINLESS STEEL	12		
19	Ultimate Inswing Cover	6063-T5	4		



ANCHOR NOTES:

- ANCHOR SCHEDULE AND SPACED SHOWN ON SHEET 1 ELEVATIONS.
- 2. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, MINIMUM EMBEDMENT DEPTHS AND EDGE DISTANCES SHALL APPLY AS NOTED IN APPROPRIATE ANCHOR SCHEDULE.
- 3. SYSTEM MAY BE INSTALLED TO CONCRETE, HOLLOW BLOCK, WOOD, OR AN APPROVED IMPACT RESISTANT ALUMINUM FRAME OF ALLOY 6063-T5 (MIN). FRAME SHALL BE INSTALLED PER RESPECTIVE APPROVAL DOCUMENTATION.
- 4. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY, FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT PLYWOOD.
- 5. WHERE WOOD SCREWS FASTEN TO NARROW FACE OF STUD FRAMING, FASTENER SHALL BE LOCATED IN CENTER OF NOMINAL (MIN) WOOD STUD (3/4". EDGE DISTANCE IS ACCEPTABLE FOR WOOD FRAMING), AND SHALL PENETRATE 1.5" MIN. WOOD STUD SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY, WOOD SCREW SHALL HAVE PHILILIPS PAN HEAD OR HEX HEAD.
- 6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- 7. ALL SCREWS TO ALUMINUM SHALL BE INSTALLED WITH FULL THREAD PENETRATION AND MINIMUM 0.5" EDGE DISTANCE TO APPROVED 6063-T5 (MIN) ALUMINUM FRAME (0.125" MIN THICKNESS).

PRODUCT REVISED

Date: 26 AUG 2021 Scale: NA Design by: CRIMSAFE

Manufacturer:

Product:

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

CRIMSAFE S CAPE

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

PRODUCT CONTROL DIVISION

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

Rev. Description

UPDATE TO 2020 FBC

Drawing Number MD-100-CSSC

> Sheet 5 of 5

ARCHITECTURAL TESTING INC TEST REPORT NUMBER: 92587.01-401-18 ARCHITECTURAL TESTING INC REVISED TEST REPORT NUMBER: 92587.03-401-18

1. ALLOWABLE ANCHORS SHALL BE AS LISTED IN APPROPRIATE

ALL DIMENSIONS IN INCHES