

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)

Armor Screen Corporation 2744 Hillsboro Road West Palm Beach, FL 33405

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: "Armor Screen Series 63" Flexible Wind Abatement System

APPROVAL DOCUMENT: Drawing #01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 through 11 of 11, prepared by Gordon M DiBattisto, P.E., last revision dated October 04, 2023, signed and sealed by Gordon M DiBattisto, P.E., 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: Each panel shall bear a permanent label with the manufacturer's name or logo, City, State, 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 #21-1208.11 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4 & E-5 as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

HGAMbr 02/15/24

NOA No. 23-1120.02 Expiration Date: 01/26/2027 Approval Date: 02/15/2024

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 10-1104.03

A. DRAWINGS

1. Drawing No. 01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 through 11 of 11, prepared by Gary D. Foreman, P.E., dated October 01, 2010, signed and sealed by Gary D. Foreman, on January 09, 2012.

B. TESTS

- 1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Armor Screen Flexible Hurricane Wind Abatement System, prepared by Fenestration Testing Laboratory, Inc., Report No. 5889, dated August 26, 2009, signed and sealed by Julio E. Gonzalez, P.E.
- 2. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Armor Screen Flexible Hurricane Wind Abatement System, prepared by Fenestration Testing Laboratory, Inc., **Report No. 5533**, dated February 08, 2008, signed and sealed by Marlin Brinson, P.E.
- 3. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Armor Screen Flexible Hurricane Wind Abatement System, prepared by Fenestration Testing Laboratory, Inc., Report No. 5279, dated August 26, 2009, signed and sealed by Julio E. Gonzalez, P.E.

C. CALCULATIONS

1. Comparative Analysis and Anchor calculations dated October 20, 2010, 66 pages, prepared by Gary D. Foreman, P.E., signed and sealed by Gary d. Foreman, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Fabric specifications.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0223.13

A. DRAWINGS

1. Drawing No. 01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 through 11 of 11, prepared by Gary D. Foreman, P.E., dated October 01, 2010, signed and sealed by Gary D. Foreman, on February 16 & 17, 2012.

B. TESTS

1. None.

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

NOA No. 23-1120.02

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. None.

F. OTHERS

1. Florida Building Code, 2010 Edition, Compliance Statement Letter by GD Foreman PE, SE, AIA, dated February 16, 2012, signed and sealed by Gary D Foreman, P.E.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0417.14

A. DRAWINGS

1. Drawing No. 01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 through 11 of 11, prepared by Gary D. Foreman, P.E., dated October 01, 2010, signed and sealed by Gary D. Foreman, P.E. on January 30, 2013.

B. TESTS

- 1. Test report on End Retention Component B of Armor Screen Flexible Hurricane Wind Abatement System, prepared by Architectural Testing, **Report No. C5783.01-450-43**, dated 01/29/2013, signed and sealed by Vinu J. Abraham, P.E.
- 2. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Armor Screen Flexible Hurricane Wind Abatement System, prepared by prepared by Architectural Testing, **Report No. C1475.01-450-18**, dated 08/31/2012, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. Self Ignition Temp. Test, Rate of Burning test, and Smoke Density test by Hurricane Engineering & Testing, test report # HETI-12-F105, dated 04/11/2012, signed and sealed by Rafael E. Droz-Seda, P.E.

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

NOA No. 23-1120.02

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0518.03

A. DRAWINGS

1. Drawing No. 01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 through 11 of 11, prepared by Gary D. Foreman, P.E., dated October 01, 2010, signed and sealed by Gary D. Foreman, P.E. on March 30, 2015.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. **OUALITY ASSURANCE**

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0118.06

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.

E. MATERIAL CERTIFICATIONS

1. None.

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0122.06

A. DRAWINGS

1. Drawing #01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 through 11 of 11, prepared by Gary D. Foreman, P.E., last revision dated January 10, 2018, signed and sealed by Gary D. Foreman, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

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

Product Control Section Supervisor

Product Control Section Supervisor NOA No. 23-1120.02

EVIDENCE SUBMITTED NOTICE OF ACCEPTANCE:

QUALITY ASSURANCE D.

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

MATERIAL CERTIFICATIONS E.

None. 1.

STATEMENTS F.

FBC, 2017 Edition compliance letter prepared by Gary D. Foreman, P.E., dated January 02, 2018, signed and sealed by Gary D. Foreman, P.E.

EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-1215.13 7.

DRAWINGS A.

Drawing #01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 1. through 11 of 11, prepared by Gary D. Foreman, P.E., last revision dated October 08, 2020, signed and sealed by Gary D. Foreman, P.E.

TESTS В.

1. None.

CALCULATIONS

1. None.

D. **QUALITY ASSURANCE**

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

MATERIAL CERTIFICATIONS E.

None. 1.

STATEMENTS F.

FBC, 2020 Edition compliance letter prepared by Gary D. Foreman, P.E., dated December 14, 2020, signed and sealed by Gary D. Foreman, P.E.

EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #21-1208.11 8.

DRAWINGS A.

1. None.

TESTS B.

1. None.

C. **CALCULATIONS**

None. 1.

QUALITY ASSURANCE D.

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

MATERIAL CERTIFICATIONS E.

None. 1.

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

NOA No. 23-1120.02

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

9. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing #01-2010, titled "Armor Screen Series 63 Hurricane Protection", sheets 1 through 11 of 11, prepared by Gordon M DiBattisto, P.E., last revision dated October 04, 2023, signed and sealed by Gordon M DiBattisto, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. **FBC, 2023 Edition compliance letter** prepared by Gordon M DiBattisto, P.E., dated November 17, 2023, signed and sealed by Gordon M DiBattisto, P.E.

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

NOA No. 23-1120.02

ARMOR SCREEN SERIES 63 HURRICANE PROTECTION

- GENERAL NOTES:

 This Wind Abatement / Impact Hurricane Protection System is designed and tested to comply with the High Velocity Hurricane Zone (HVHZ) of the Florida Building Code, 8th
- The design loads are calculated in accordance with ASCE-7-22 per the 8th edition of Florida Building Code 2023 as allowable stress design (ASD).
- Testing meets the current Florida Building Code; TAS 201; TAS 202; TAS 203 and fulfills its requirement for opening protection.
- The unbreached envelope criterion is met when this approved wall component encloses the protected opening all around.
- The open areas in the Armor Screen Fabric are small enough that the surface tension even from torrential rains. hurricane conditions has been shown to prevent damaging voluminous water intrusion, of water causes the barrier screen to become solid in the presence of rain, and in actual
- Has satisfied checklist #0445 for resistance to burning, smoke, ignition, temperature, and weathering and qualifies as a permanently installed building component; ASTM G155 - 13, ASTM D638 -03, ASTM C158, ASTM D635 -14 - C1, ASTM D1929 - 16.

 ASTM D1929 - 16 	 ASTM D635 -14 - C1 	ASTM C158	 ASTM D638 - 03 	 ASTM G155 - 13

 Product Marking: A permanent label shall be affixed to the screen barrier with the Product Control Approved", Patented and Patents Pending, US Patent No. 6176050". following statement: "Armor Screen Corporation, Current Address, "Miami-Dade County

PRODUCT DATA:

 Geosynthetic hurricane screen: The hurricane screen shall be produced from a polypropylene, woven geotextile fabric with filaments woven such that the filaments retain dimensional stability relative to each other.

Jes:

Puncture Strength Mullen Burst Trapezoidal Tear Wide Width Tensile Strength (As Thickness (As	Grab Textile Strenath (ASTM D4632) 425 x 325 I RS	425 x 325 I RS
_	(ASTM D4833)	130 LBS
_	(ASTM D3786)	675 PSI
_	(ASTM D4533)	150 x 125 LBS
	ngth (ASTM D4595)	225 x 205 LBS/IN
	(ASTM D5199)	20 MIL.
Wide Width Elongation (AS	(ASTM D4595)	22 x 21%
Apparent Opening Size		30 US STD Sieve
Percentage of Open Area	Ď	5%

LIMITATIONS OF USE:

Maximum Non-Span Maximum Span

Maximum Design Pressure Unlimited, Utilizing side overlapping details, page 4 +60 / -63 PSF

Span (anchor span) equals the distance between the primary rows of anchors on determines fastener size and spacing. opposing sides of the screen and when calculated with negative wind pressure,

INSTALLATION NOTES:

- Deflection is the minimum glass separation measured at mid span of the screen and may be achieved alone or by any combination thereof, Natural Deflection, Angled Style subject to interpolation between listed spans (see tables on page 11). Separation offset Screens, Storm Bars and Pneumatic Devices.
- Screen may be mounted with opposing primary anchored perimeters (span) in vertical horizontal, or any alignment appropriate to the structure being protected.
- If the screen does not return to the structure it should extend past protected opening by should extend complete to fill the opening distance equal to or greater than 1.5 times the offset. For trapped openings the screen
- pressure rating for the screens is not exceeded. The screens may be installed at any height on the structure as long as the design
- specific reasons) limit potential sag in the screen or reduce movement on the free side or other site Anchors on the non-primary perimeter side (span side) of the screen are optional (e.g. to
- The thickness of typical facing materials i.e. stucco, siding, stone, brick, pavers, etc. are allow for facing materials. not to be considered part of the anchor embedment. Longer fasteners should be used to
- Anchor embedment into masonry shall be into the face shell, not mortar joints.
- All fully embedded anchors may be flush with the finished facing provided they have the correct embedment into the structure behind the finish material.
- Anchor installations should follow the manufacturer's recommended methods.
- Hex Nuts, Flange Nuts, Cap Nuts, Wing Nuts, etc. (¾" o.d. minimum), are acceptable when used with Hanger Bolt or Male Studs penetrating the fabric only
- A caulk or sealant should be used with all wood penetrating anchors standard washer are required.
- All fasteners shall be corrosion resistant as specified in the IRC and IBC or stainless
- Refer to pages 9 and 10 for approved anchors and anchor spacing
- Refer to page 11 for deflection and storm bar tables

M. DIBAT



10NAL

by the screen company.

building components shown herein are depicted as existing or samples and not constructed typical for the installation of this wind / rain abatement and impact system only. All other All Geosynthetic Hurricane Screen assembly details depicted within these drawings are

HURRICANE PROTECTION ARMOR SCREEN SERIES 63

West Palm Beach, FL 33405 (561) 841-8890 www.armorscreen.com 2744 Hillsboro Road ARMOR SCREEN CORP.

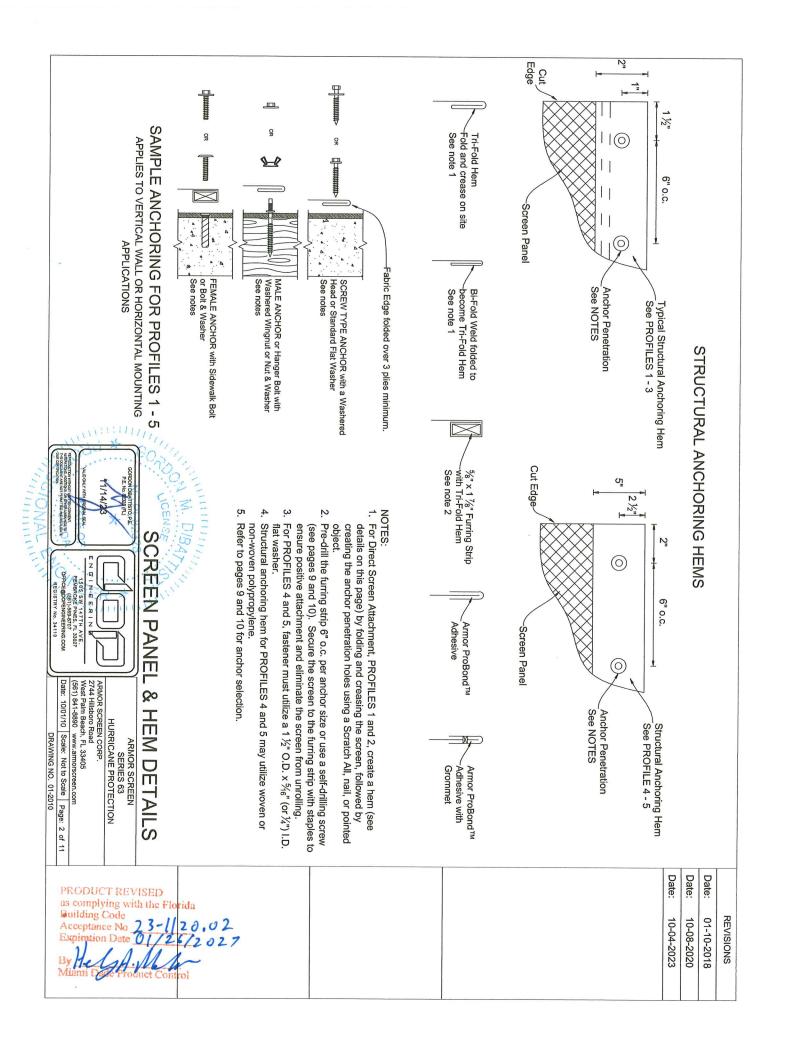
Date: 10/01/10 Scale: Not to Scale Page: 1 of 11

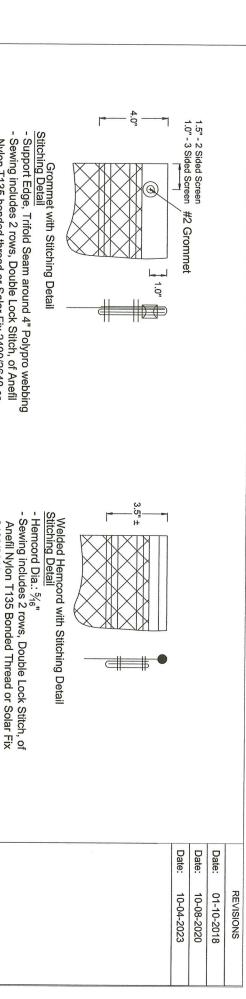
DRAWING NO. 01-2010

Date: Date: 01-10-2018 REVISIONS 10-04-2023 10-08-2020

For attachment into female anchors, sidewalk bolts, washered head bolts or bolts with a

PRODUCT REVISED as complying with the Florida Acceptance NoZ3 - 1170.07
Expiration Date 01/26/2027
By McGA. McM.
Miami Date Product Const.





Sewing includes 2 rows, Double Lock Stitch, of Anefil

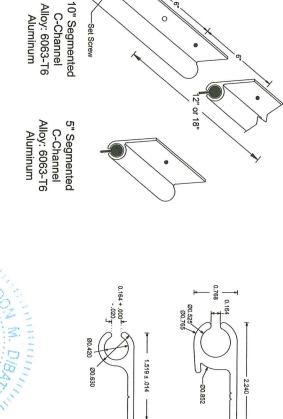
Nylon T135 bonded thread or Solar Fix 2400/2640 or

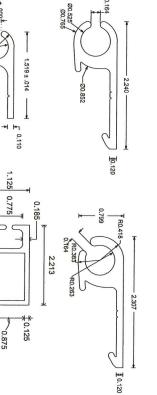
Grommeted through seam.

Polypro Seam sewn over the weld.

Reinforced welded hemcord includes a 2" trifold

2400/2640 or equal.





Alloy: 6063-T6 Aluminum C-Channel

0.125 ‡ 0.525

0.125

1.313

∓0.125

0.875

NOTE: Heavier alternate extrusion may be used.

CENSOR OMMET / HEMCORD / C-CHANNE

NOTES:

Refer to pages 9 and 10 for anchor selection.

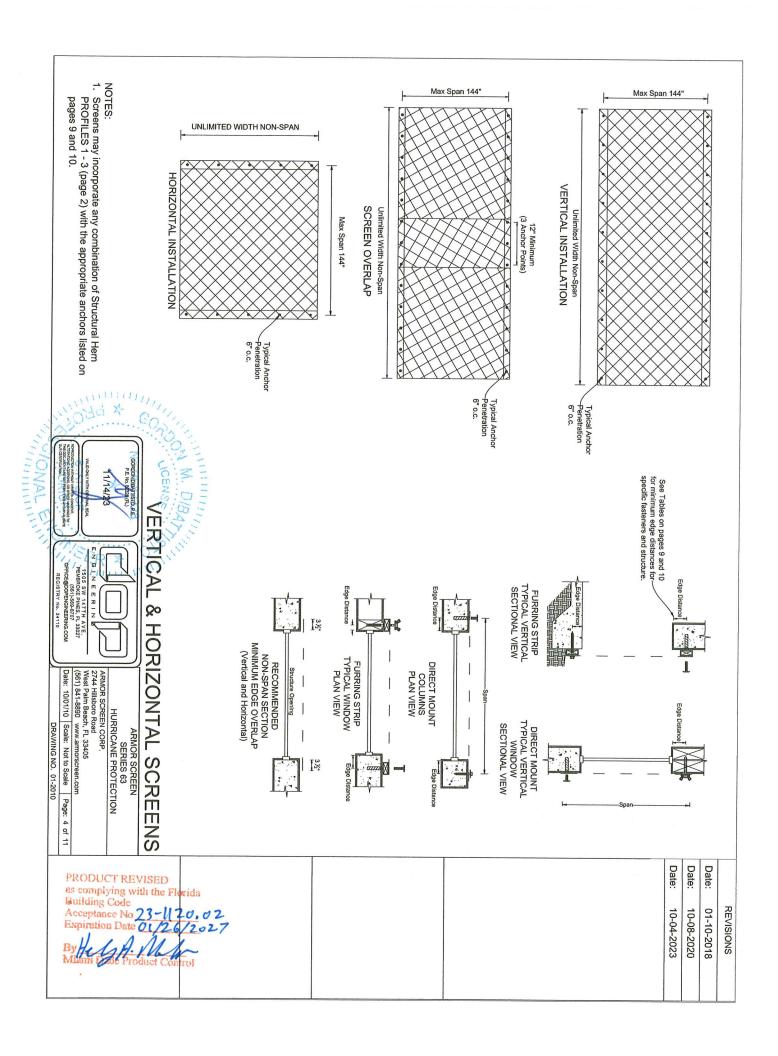
Any screw may be used to secure the C-Channel end to limit screen movement.

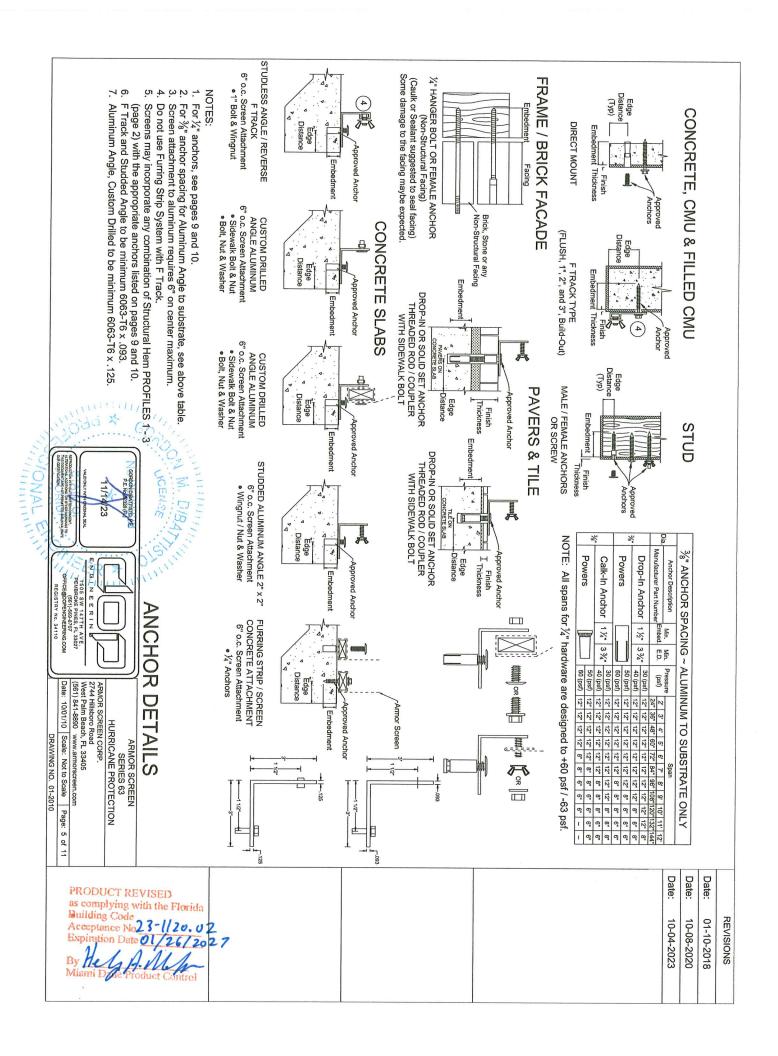
The length of the segmented C-Channel is governed by the strength of the fabric to C-Channel connection, not the hardware attachment to the C-Channel.

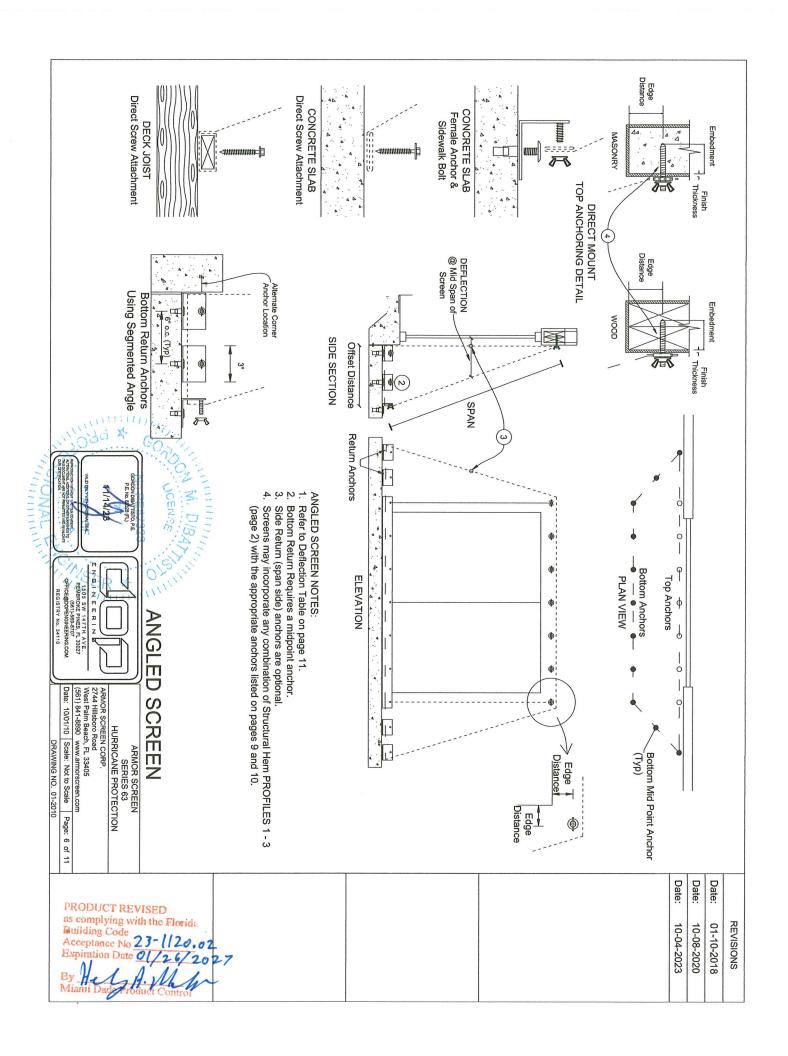


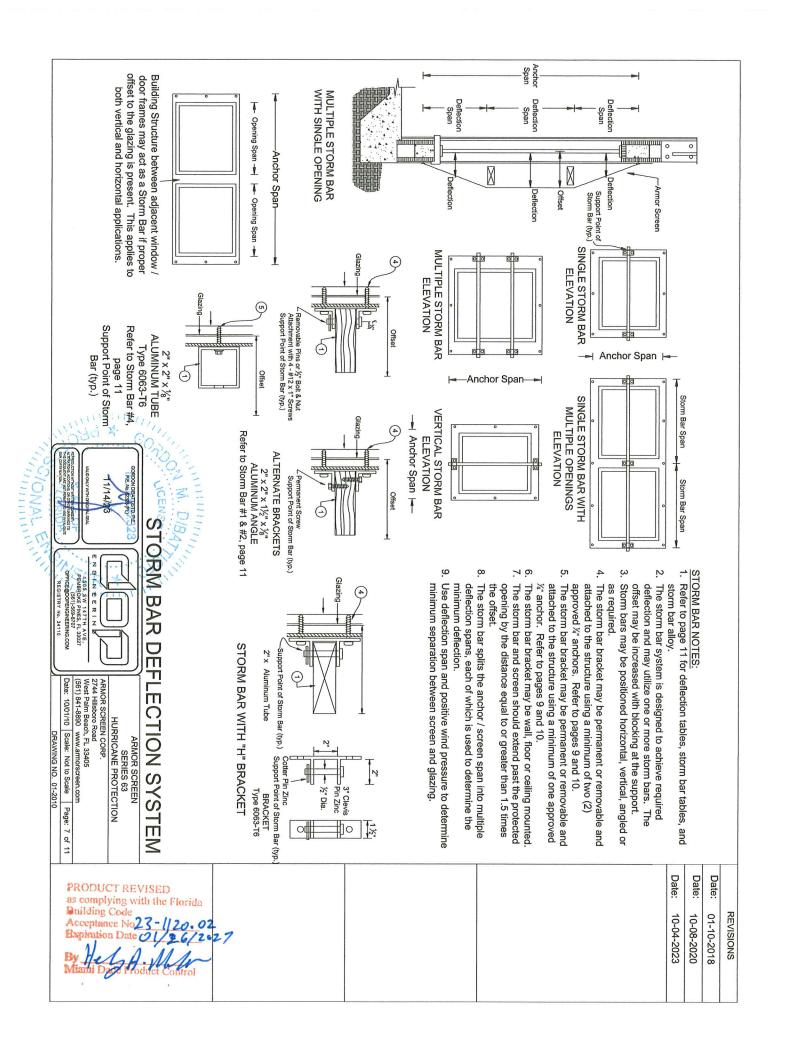
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 23 - 1120
Expiration Date 0 1/2 6/2

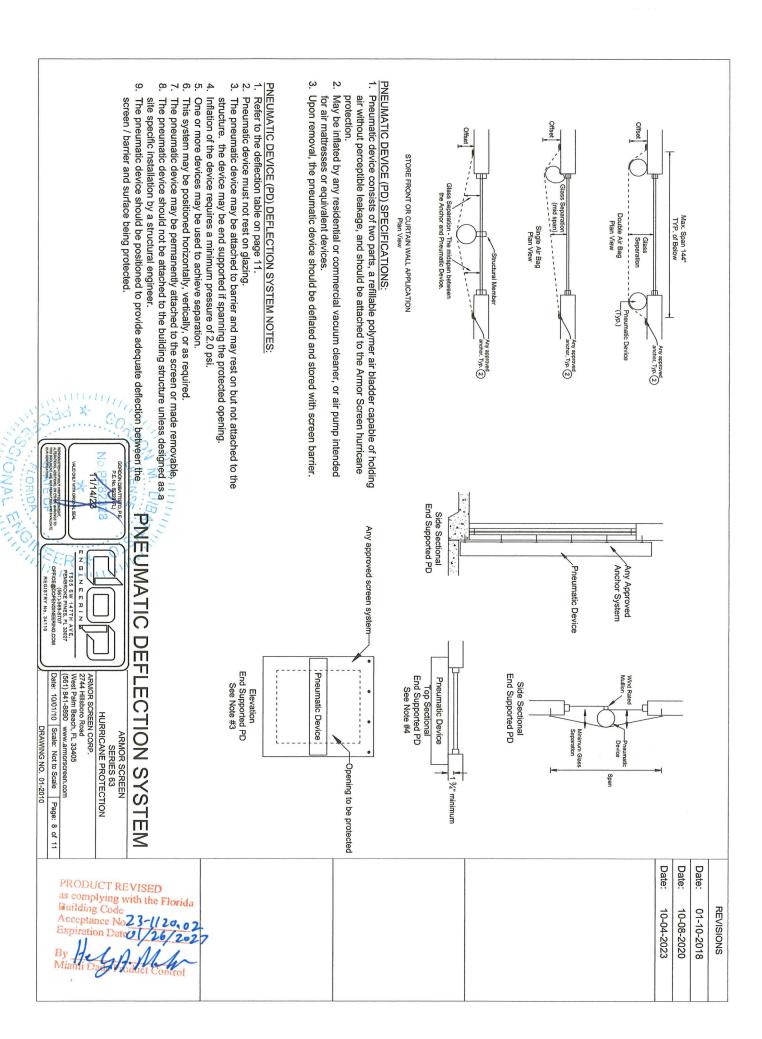
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NOTES: 1. Maximum spans designed to +60 psf / -63 psf. 2. Provide longer fasteners, if required, to allow for thickness of non-structural such as stucco, plaster, brick, stone, siding, etc. 3. All anchor holes to be clean and dust free before inserting intended anchor. 4. All anchors to be as specified. 5. Edge distances and embedments are minimums.	Dewalt [Drop-In Anchor 1" 3"	Dewalt	Calk-In Anchor 7/8" 3"	All Points	Solid Set Anchor 7/8" 3"	Read Head	Sammy's SSC 2½" 2½"	Read Head	Tapcon SG 1¾" 2½"	Dewalt	Panelmate Inserts 1%" 3"	Dewalt	Panelmate (Male or Female) 1%" 2%"	Tapcon (1-mmmm)	Maxi-Set Tapcon 1 3/4" 3"	ReadHead	Tapcon 13/4" 3"	Manufacturer Part Number Embed. E.D.	Anchor Description Min. Min.	3000 PSI CONCRETE	
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Date: Date: Date:

10-04-2023

01-10-2018 10-08-2020

REVISIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23 - 1/20.07
Expiration Date 01/26/2027

By Hand Miami Day Froduct Control

TORIDA CANAL

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c	1	#		ReadHead	4
ת ת	7 7 7	3/4"	2	Sammy's SSC	3
c	‡	#		RedHead -	4
2	7	3/4"	2	Tapcon SG	-
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6			walt
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144"	3/"	2"	Imate (Male or Female)
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-		#	
144"	3/4"	2"	Screw
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4	3/4"	2	x Self Drilling Screw
(inches)	E.D.	Embed.	anufacturer Part Number
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).55)	П		WOOD SYP #2
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% Aluminum 6063-T6 ≥ 1/4" Aluminu 6063-T6 %* Aluminum 6063-T6 Gage Me Studs ½" (12 GA) Stee 1/4" and 1/4" Steel 14" STEEL ¾6" Steel Dia Self Drilling Screws Self Drilling Screws 1/4" - 20 Atlas Rivet Nuts 1/4"-14 TEKS 1/4"-14 TEKS Self Drilling Screws 1/4" - 20 Atlas Rivet Nuts 1/4"-14 TEKS 1/4"-14 TEKS Self Drilling Screws Self Drilling Screws 1/4"-14 TEKS Self Drilling Screws Self Drilling Screws ½"-14 TEKS 1/4"-14 TEKS Manufacturer Part Number Anchor Description STEEL AND ALUMINUM T T T T note 2 Min. Embed. 1 E.D. 3/4 1/2 1/2 3/4 1/2 1/2 34 1/2 が Maximum Span (inches) 144" 144" 144" 144" 120' 96" 144" 60" 48 Anchor Spacing o P **ଦୁ** တူ ರ್ಷ **ଦୁ** တူ ٥ م o_l og G

NOTES:

Maximum spans designed to +60 psf / -63 psf.
 Caulk or sealant is recommended for all penetrations

NOTES:

- Maximum spans designed to +60 psf / -63 psf.
 Provide longer fasteners, if required, to allow for thickness of non-structural finishes such as stucco, plaster, brick, stone, siding, etc.
- 3. Screws shall extend (3) pitches passing the thread
- 4. All anchors to be as specified.

 5. Edge distances and embedments are minimums.

4001

Design as per NDS 2018. All anchors to be as specified.

plaster, brick, stone, siding, etc.

Edge distances and embedments are minimum. Douglas Fir - Larch is an acceptable alternate. ω

into a wood substrate.

Provide longer fasteners, if required, to allow for

thickness of non-structural finishes such as stucco,

VICTION WITHOUT WRITTEN CONSENT. TOUCH, JODITIONS, OP CITE MANAGEMENT TO COMENT AND NOT PETANTED AND INVALIDATE REPECTION.	VALID ONLY WITH DAGINAL SEAL	1/14/23	GORDON DIBATTISTO, P.E. P.E. No. 82329(FL)	JCENSE : 10
PEMBROKE PINES, FL 33027 (561)-569-8707 OFFICE@DOPENGINEERING.COM REGISTRY NO. 34110	T TSOS SW 147TH AVE.			111

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HURRICANE PROTECTION ARMOR SCREEN SERIES 63

ARMOR SCREEN CORP.
2744 Hillsboro Road
West Palm Beach, FL 33405
(561) 841-8890 www.armorscreen.com
Date: 10/01/10 | Scale: Not to Scale | P Page: 10 of 11

DRAWING NO. 01-2010

PRODUCT REVISED as complying with the Florida Building Code Building Code
Acceptance No 23-1/20.0 2
Expiration Date 01/26/2027

By He A. M. Midden Date Product Control Date: Date: Date: REVISIONS 10-04-2023 10-08-2020 01-10-2018

				_	N	ω	4	On .	6	7		00
STORM BAR TABLE	Storm Bar Span / Length	Max. PSF	Deflection	Wood 2" x 6"	Wood 2" x 8"	Alum. Tube 1" × 2" × ½" 6063-T6	Alum. Tube $2" \times 2" \times \frac{1}{6}" 6063-T6$	Alum. Tube $2" \times 4" \times \frac{1}{8}" 6061-T6$	Alum. Tube 2" x 4" x ½" 6061-T6	Alum. Tube 2" x 6" x 1/6" 6063-T6	Alum. Tube 2" x 6" x ½" 6061-T6	Alum. Tube 2" x 8" x ½" 6061-T6
BAR	ယ္			×	×	×	×	×	×	×	×	×
TAB	4'			×	×		×	×	×	×	×	×
E	Q.	Per [Per [×	×		×	×	×	×	×	×
	o,	Per Deflection Table	Per Deflection Table	×	×				×	×	×	×
	œ	tion T	tion T		×					×	×	×
	10'	able	able								×	×
	12'										×	×
	14											×

- Wood Storm Bar #1 and #2 requires alternate storm bar bracket, see detail on pages 7.
 Wood Storm Bar #1 and #2 to be #2 SYP (Southern Yellow Pine) or
- Douglas Fir-Larch.

		SC	ŘE	N RE	ACT	SNOI		FOR	FOR PRE	FOR PRESSUI	FOR PRESSURE AN	FOR PRESSURE AND SH	SCREEN REACTIONS FOR PRESSURE AND SPAN
	(no	ė d	2	ω	4.	ΩĪ	oj.		7'	7' 8'	_	81	8' 9'
2' 3' 4' 5'	100	11	24"	36"	48"	60"	72"		84"	84" 96"		96"	96" 108"
36" 44" 5'	3	Rh	30	45	60	75	90	- 1	105	105 120		120	120 135
boad 2' 3' 4' 5' ssf) 24" 36" 48" 60" Rh 30 45 60 75	5	₽	95	141	188	234	281		328	_	328	328 375	328 375 422
2' 3' 4' 5' 24" 36" 48" 60" Rh 30 45 60 75 RV 95 141 188 234	5	R	40	60	80	100	120		140	-	140	140 160	140 160 180
osad 2: 3: 4: 5: 0ssf) 24" 36" 48" 60" Rh 30 45 60 75 Rt 95 1141 188 234 Rh 40 60 80 100	4	₽ R	114	169	225	281	337		393	-	393	393 449	393 449 506
SSG 2' 3' 4' 5' 24" 36" 48" 60" Rh 30 45 60 75 Rv 96 141 188 234 Rh 40 60 80 100 Rh 100 80 100 80 Rh 40 60 80 100 Rh 40 60 80 100 Rh 40 60 225 281	מ	R	50	75	100	125	150		175	-	175	175 200	175 200 225
Average 2 3' 4' 5' 35f) 24" 36" 48" 60" RN 30 45 60" 34" 60" RV 95 141 188 234 Rh 40 80 100 225 281 RV 114 169 225 281 281 Rh 50 75 100 125 35	0	₽	130	193	258	322	387	7	451	-	451	451 515	451 515 579
And 2' 3' 4' 5' Serial 24" 36" 48" 60" RN 30 45 60 75 RV 95 141 188 234 RV 114 169 225 281 RV 130 75 100 125 RV 130 93 258 322	200	Rh	60	90	120	150	180	_	210		210	210 240	210 240 270
badd 2' 3' 4' 5' bsf) 24" 36" 48" 60" Rh 30 45 60 75 RV 36' 141 188 100 RV 114 169 225 281 Rh 130 75 100 125 Rh 130 93 263 322 Rh 60 90 120 150	c	Ŗ	144	214	286	357	429	_	500	-	500	500 571	500 571 645

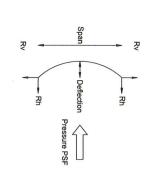
Date: Date: Date:

10-04-2023 10-08-2020

REVISIONS 01-10-2018

NOTES:

- 1. Reaction Rh can be positive (towards structure) or negative (away from
- 2. Rv is always tension as shown.





EMBEDDED ANCHOR DIAMETER B %;" %;" D

in feet Span

in inches Span

30 psf

3.0 4.0 4.9 5.9 5.9 7.2 7.2 10.2 11.2

4.2 5.3 6.3 7.8 8.8 9.9 9.9

MINIMUM GLASS SEPARATION TABLE

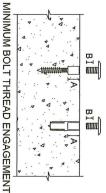
Deflection in inches 40 pst

50 psf

60 psf

9.0 9.0 9.0

A - Internal Thread Length
B - Minimum Thread Engagement



NOTES:

- Table applies to any threaded connection.
- Refer to anchor spacing tables, pages 9 and 10, for anchor embedment.
 Edge distances and embedments are minimums.
- Edge distances and embedments are minimums

14.9

10.2 11.5 12.8 14.0

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of the screen and subject to interpolation between listed spans.

2. One inch (1") has been added to actual minimum separation for 1. Deflection is the minimum glass separation measured at MID SPAN

safety factor.

12 ft 10 ft

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PEMBROKE PINES, FL 33027 (561)-569-9707 OFFICE@DOPENGINEERING.COM REGISTRY No. 34110	1505 SW 147TH AVE.		

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REGISTRY No. 34110	OFFICE@DOPENGINEERING.COM	PEMBROKE PINES, FL 33027	Z G Z Z E M R Z - Z B	
	Date: 10/01/	(561) 841-88	ARMOR SCF 2744 Hillsbor	_

oro Road Beach, FL 33405 B90 www.armorscreen.com ARMOR SCREEN SERIES 63 HURRICANE PROTECTION REEN CORP.

10 Scale: Not to Scale Page: 11 of 11 **DRAWING NO. 01-2010**

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as complying with the Florida
Building Code
Acceptance No 23-1/20.0
Expiration Date 01/26/20
By
Miami Day Product Control