

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)

Layze Systems 3520 NW 51 Street Miami, Florida 33142

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 and Canvas Awning

APPROVAL DOCUMENT: Drawing No. EA-01, titled "Layze Shade – Series 001", sheets 1 through 9 of 9, prepared by Eastern Engineering Group, last revision #5, dated June 08, 2022, signed and sealed by Gonzalo A. Paz, P.E., on June 08, 2022, 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: None

LABELING: Each awning shall bear a permanent label with the manufacturer's name or logo, city, state 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 and renews NOA #18-0924.04 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

Hely A. Mehr 07/28/2022

NOA No. 21-1209.04 Expiration Date: 12/15/2026 Approval Date: 07/28/2022 Page 1

Layze Systems

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-0822.10

A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 001", prepared by Eastern Engineering Group, last revision #1, dated December 06, 2011, signed and sealed by Raissa R. Lopez, P.E., on December 06, 2011.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculations titled "Layze Shade Series 001 Awning Aluminum frame", prepared by eastern Engineering Group, dated August 17, 2011, 75 sheets, signed and sealed by Gonzalo A. Paz, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-0422.14

A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 001", prepared by Eastern Engineering Group, last revision #2, dated April 10, 2013, signed and sealed by Raissa R. Lopez, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculations titled "Layze Shade Series 001 Awning Aluminum frame", prepared by eastern Engineering Group, dated April 01, 2013, 3 sheets, signed and sealed by Raissa Lopez, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

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

NOA No. 21-1209.04 Expiration Date: 12/15/2026

Approval Date: 07/28/2022

Layze Systems

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 16-1208.02

A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade-Series 001", prepared by Eastern Engineering Group, last revision #3, dated 01/20/16, signed and sealed by Gonzalo A. Paz, P.E., on December 06, 2016.

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 # 18-0924.04

A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 001", prepared by Eastern Engineering Group, last revision #4, dated August 24, 2018, signed and sealed by Gonzalo A. Paz, P.E., on August 28, 2018.

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.

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 001", sheets 1 through 9 of 9, prepared by Eastern Engineering Group, last revision #5, dated June 08, 2022, signed and sealed by Gonzalo A. Paz, P.E., on June 08, 2022.

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

Product Control Section Supervisor NOA No. 21-1209.04

Expiration Date: 12/15/2026 Approval Date: 07/28/2022

Layze Systems

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 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.

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

Product Control Section Supervisor

NOA No. 21-1209.04

Expiration Date: 12/15/2026 Approval Date: 07/28/2022

LAYZE SHADE - SERIES 001

ALUMINUM AND FABRIC AWNING

		TABLE OF CONTENTS
SHEET	REVISION	SHEET DESCRIPTION
EA-ØI		GENERAL NOTES, INSTALLATION NOTES, TABLE OF CONTENTS, BILL OF MATERIALS AND COMPONENTS
EA-Ø2		ISOMETRICS
EA-Ø3		ISOMETRICS
EA-04		ELEVATIONS
EA-Ø5		ELEMENTS 001 AND 002
EA-06		ELEMENTS 003 AND 005
EA-Ø7		ELEMENTS 006 AND 007
EA-Ø8		ELEMENTS 008 AND 009
EA-Ø9		ELEMENTS Ø10 TO Ø12

NOTE:

I- THIS PRODUCT HAS BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020 EDITION, UNDER THE FOLLOWING CONDITIONS:

- -BASIC WIND SPEED OF 105 MPH AS PER FBC (020) SECTION (3105.42.1) (FOR WIND EVENTS GREATER THAN 105 MPH, FABRIC CANVAS) SHALL BE REMOVED).
- -GUST FACTOR = 0.85
- -EXPOSURE CATEGORY = 'C'.
- -DIRECTIONALITY FACTOR = 0.85.
- -TOPOGRAPHIC FACTOR=1.0

(MAXIMUM STRUCTURE HEIGHT WHERE AWNING IS ATTACHED SHALL BE 60 FEET)

- ANCHORS SHALL BE AS LISTED ON BILL OF MATERIALS. QUANTITIES AS SHOWN ON DETAILS. EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.).
- ANCHORING CONDITIONS OTHER THAN THOSE SHOWN ON THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PAINTED WITH ALKALI-RESISTANT COATINGS.

			BILL OF MATERIALS	
	NO	DESCRIPTION	NOTES	QUANTITY
	001	WALL MOUNT	ALUMINUM ALLOY 6061-16	1
	ØØ2	MOUNT MALE	ALUMINUM ALLOY 6061-16	3
	<i>0</i> 03	MOUNT FEMALE	ALUMINUM ALLOY 6061-T6	3
	004	A MACHINE SCREW	BOLT WITH NUT - ALUMINUM ALLOY 7075-T73 28 UNF	14
	005	AWNING MAIN EXTRUSION	ALUMINUM ALLOY 6061-T6	3
	006	PLASTIC CLIP	ALUMINUM ALLOY 6061-T6	6
	007	PIPE SUPPORT	ALUMINUM ALLOY 6061-76	3
	<i>.</i> 208	CROSS BAR	ALUMINUM ALLOY 6061-T6	1
	009	PIPE BRACER EYES END	ALUMINUM ALLOY 6061-T6	4
	010	PIPE BRACER EYES END	ALUMINUM ALLOY 6061-T6	4
7	Ø11	PIPE BRACER	ALUMINUM ALLOY 6061-T6	2
	Ø12	PIPE BRACER DECK MOUNT	ALUMINUM ALLOY 6061-76	2
	Ø13	♦¼" WALL ANCHORS	AGGRE-GATOR FASTENERS 300 SERIES STAINLESS STEEL ANCHORS BY ELCO	22
	Ø14	SCREWS	10-16 S.S KWIK-FLEX SCREWS by HILTI or APPROVED EQUAL	9
		-		

MAX. DESIGN PRESSURE RATING

+50/-50 PSF SHORT TERM

5 PSF DEAD LOAD

PRODUCT REVISED
as complying with the Florida

Building Code
Acceptance No 21-1209.04
Expiration Date 12/15/2026

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Eastern

3401 NW 82nd Avenue Suite 370 Miami, FL 33122

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DESIGNED & DRAWN:

Marlo Mordles

LAYZE SHADE - SERIES 001

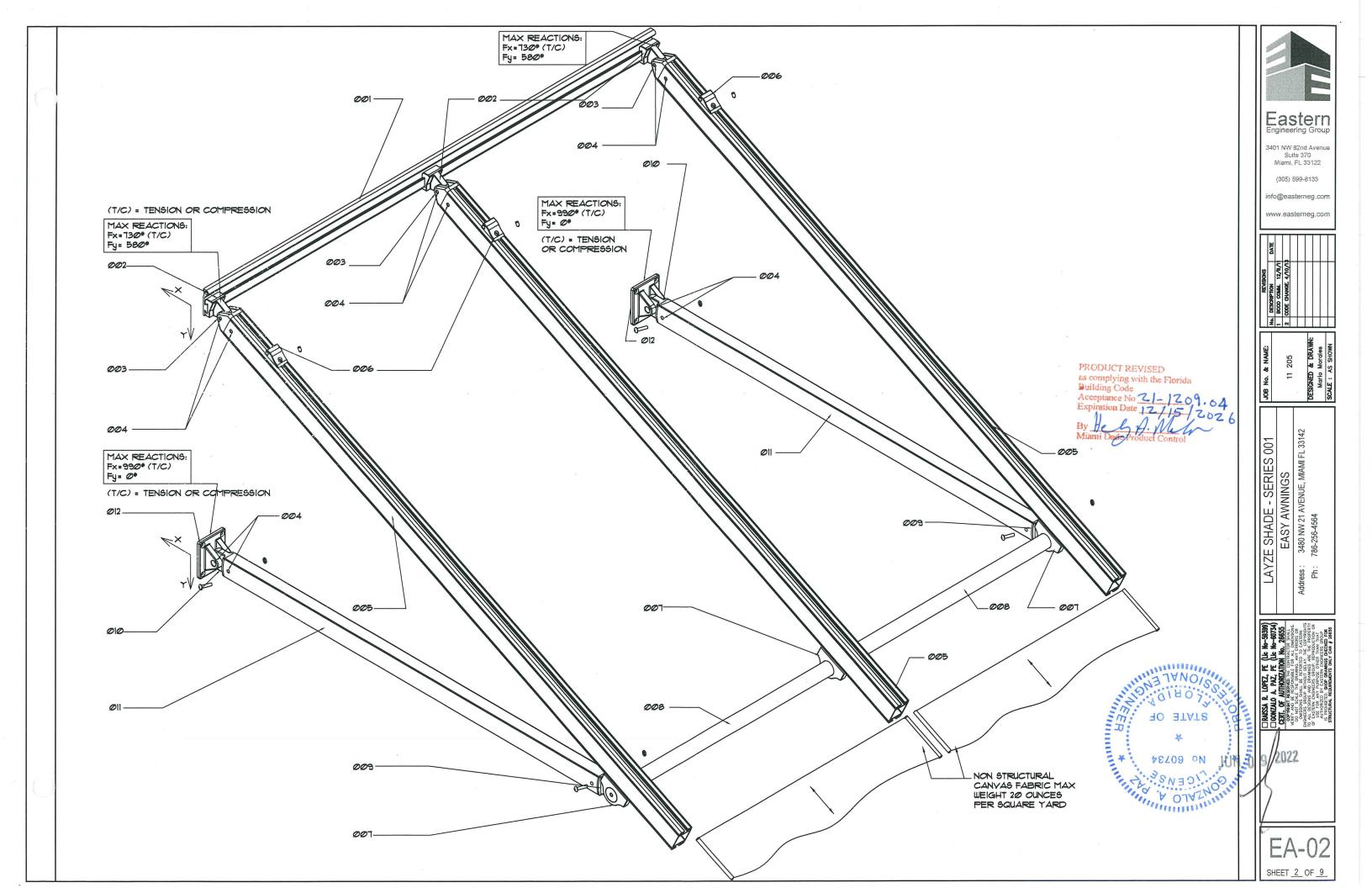
EASY AWNINGS

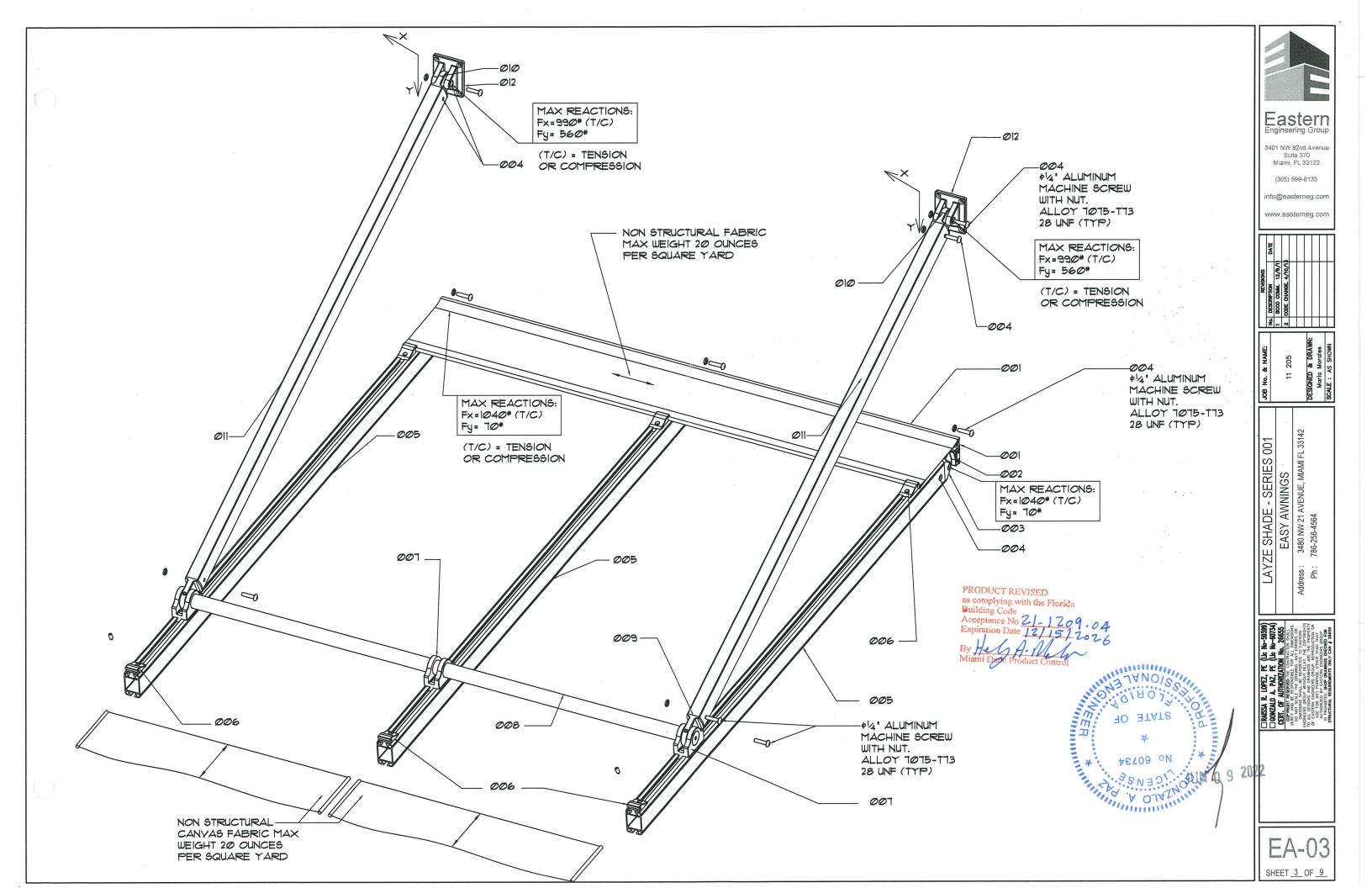
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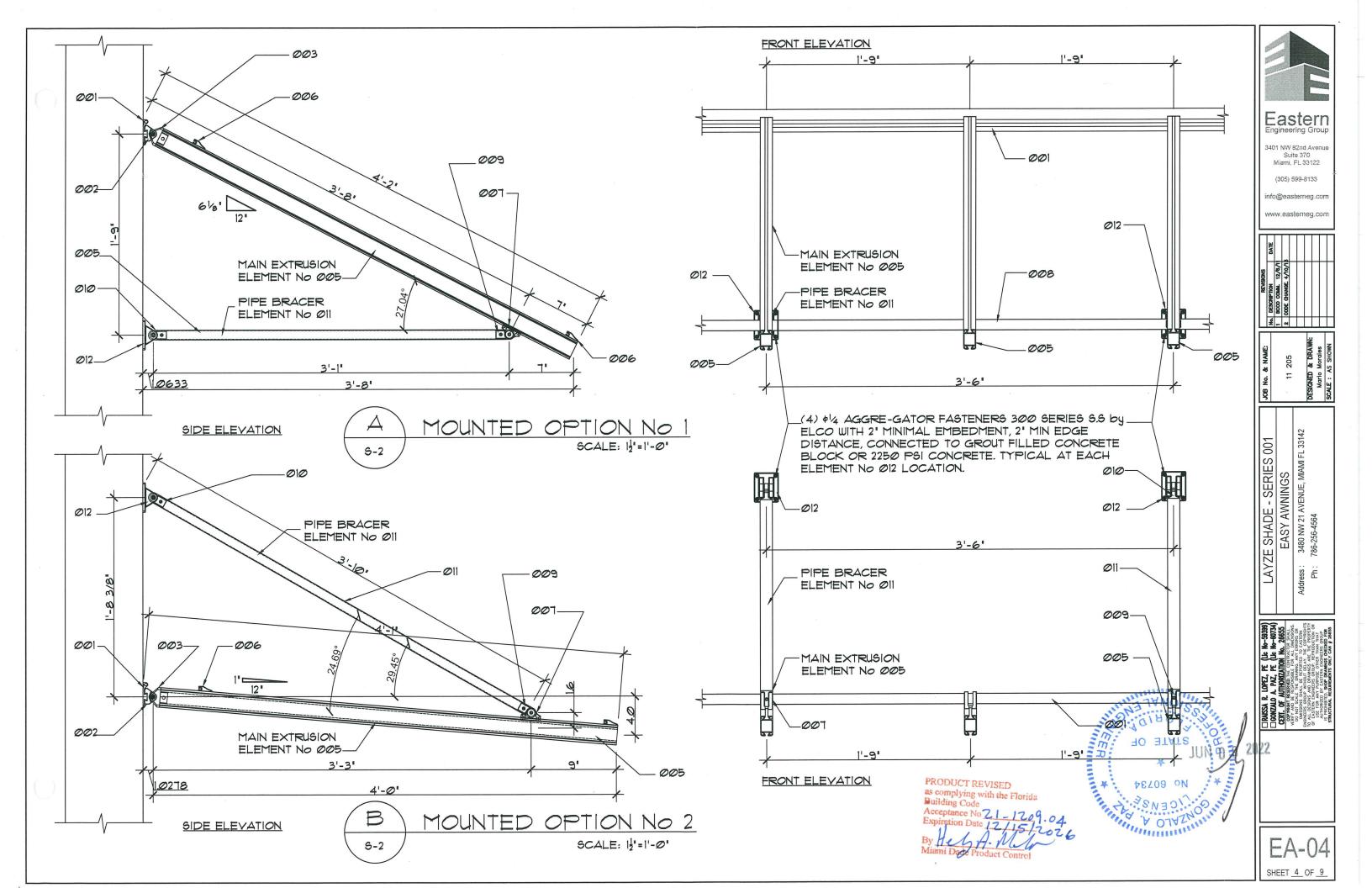
Ph: 786-256-4564

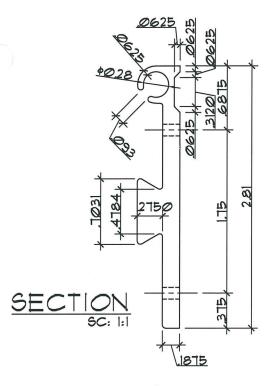


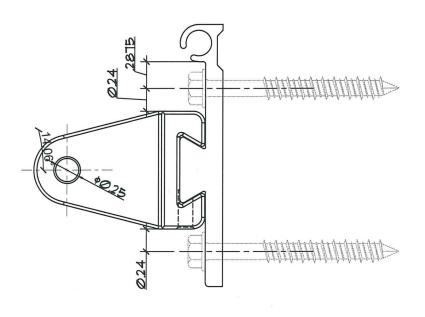
EA-01SHEET 1 OF 9



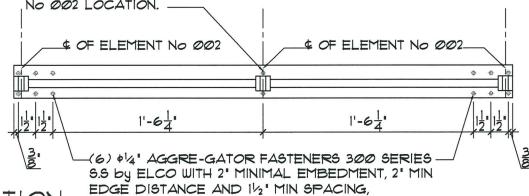








(2) \$1/4" AGGRE-GATOR FASTENERS 300 SERIES S.S by ELCO WITH 2' MINIMAL EMBEDMENT, 2' MIN EDGE DISTANCE AND 11/2" MIN SPACING, CONNECTED TO GROUT FILLED CONCRETE BLOCK OR 2250 PSI CONCRETE. TYPICAL AT EACH INTERMEDIATE ELEMENT No 002 LOCATION. -

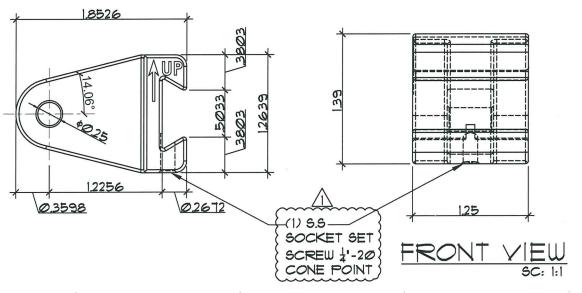


ELEVATION

CONNECTED TO GROUT FILLED CONCRETE SC: 1/2:1 BLOCK OR 2250 PSI CONCRETE. TYPICAL AT EACH END ELEMENT No 002 LOCATION.

MOUNT

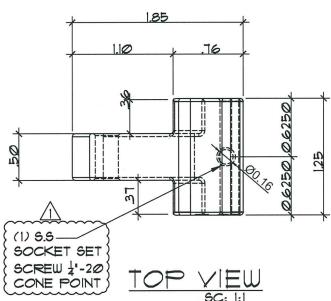
ALL DIMESIONS ARE IN INCHES



SIDE VIEW



ISOMETRIC VIEW N.T.S



002 MOUNT MALE

PRODUCT REVISED





3401 NW 82nd Avenue Suite 370 Miami, FL 33122

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	REVISIONS	ESCRIPTION DATE	COD COMM. 12/6/11	DE CHANGE. 4/10/13			,
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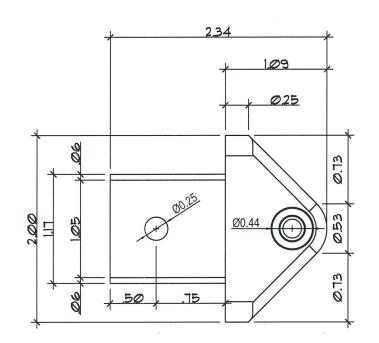
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	LAYZE SHADE - SERIES 001	EASY AWNINGS	Address: 3480 NW 21 AVENUE, MIAMI FL 33142	Ph: 786-256-4564	

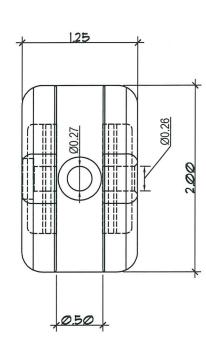


EA-05

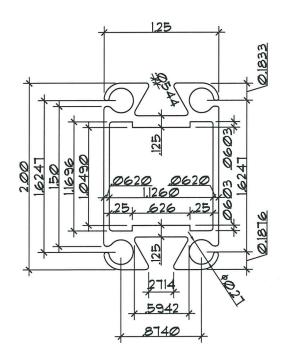
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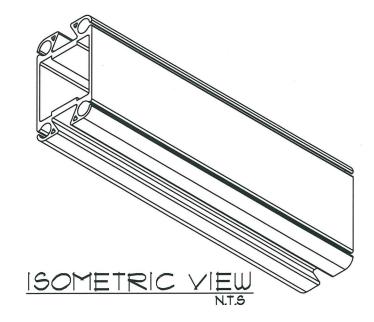




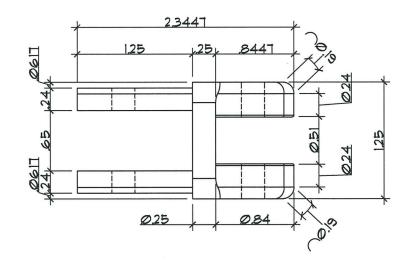
FRONT VIEW

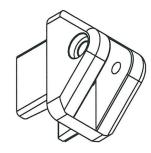


SECTION SC: 1:1



005 AWNING MAIN EXTRUSION





ISOMETRIC VIEW

PRODUCT REVISED as complying with the Florida



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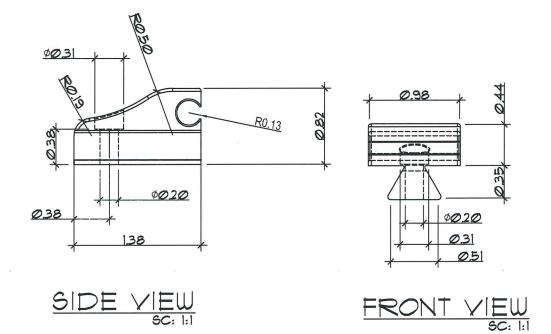
EASY AWNINGS 3480 NW 21 AVENUE, MIAMI FL 33142 786-256-4564

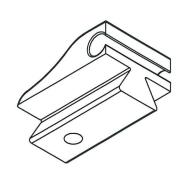
EA-06

SHEET <u>6</u> OF <u>9</u>

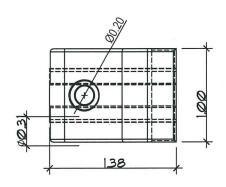
003 MOUNT FEMALE

ALL DIMESIONS ARE IN INCHES

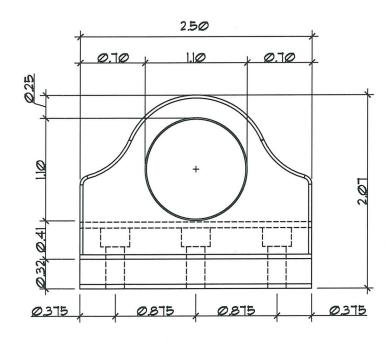


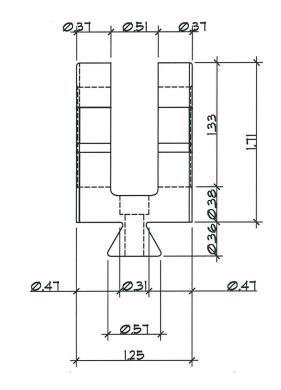






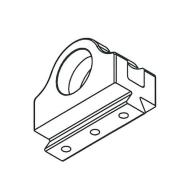
006 PLASTIC CLIP





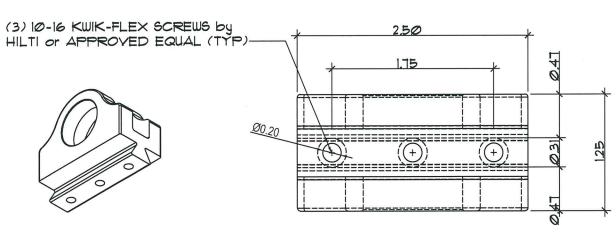
SIDE VIEW SC: 1:1







007 PIPE SUPPORT



PRODUCT REVISED



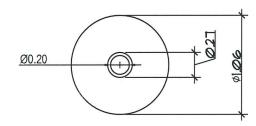
3401 NW 82nd Avenue Suite 370 Miami, FL 33122



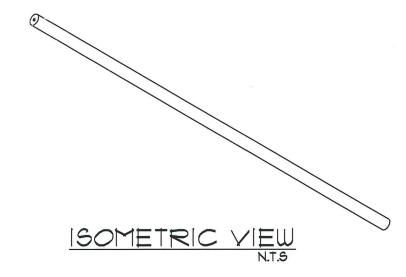
LAYZE SHADE - SERIES 001 EASY AWNINGS

EA-07

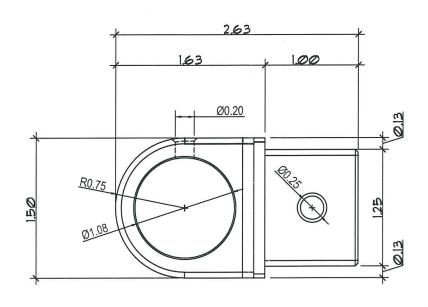
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SECTION SC: 1:1



008 CROSS BAR

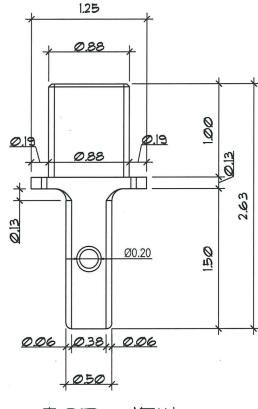


SIDE SECTION SC: 1:1

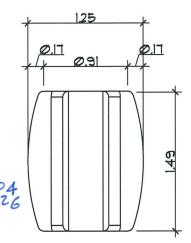


ISOMETRIC VIEW

009 PIPE BRACER EYES END







BOTTOM VIEW

SC. FINAL A JUN 0 9

Eastern Engineering Group

> 3401 NW 82nd Avenue Suite 370 Miami, FL 33122

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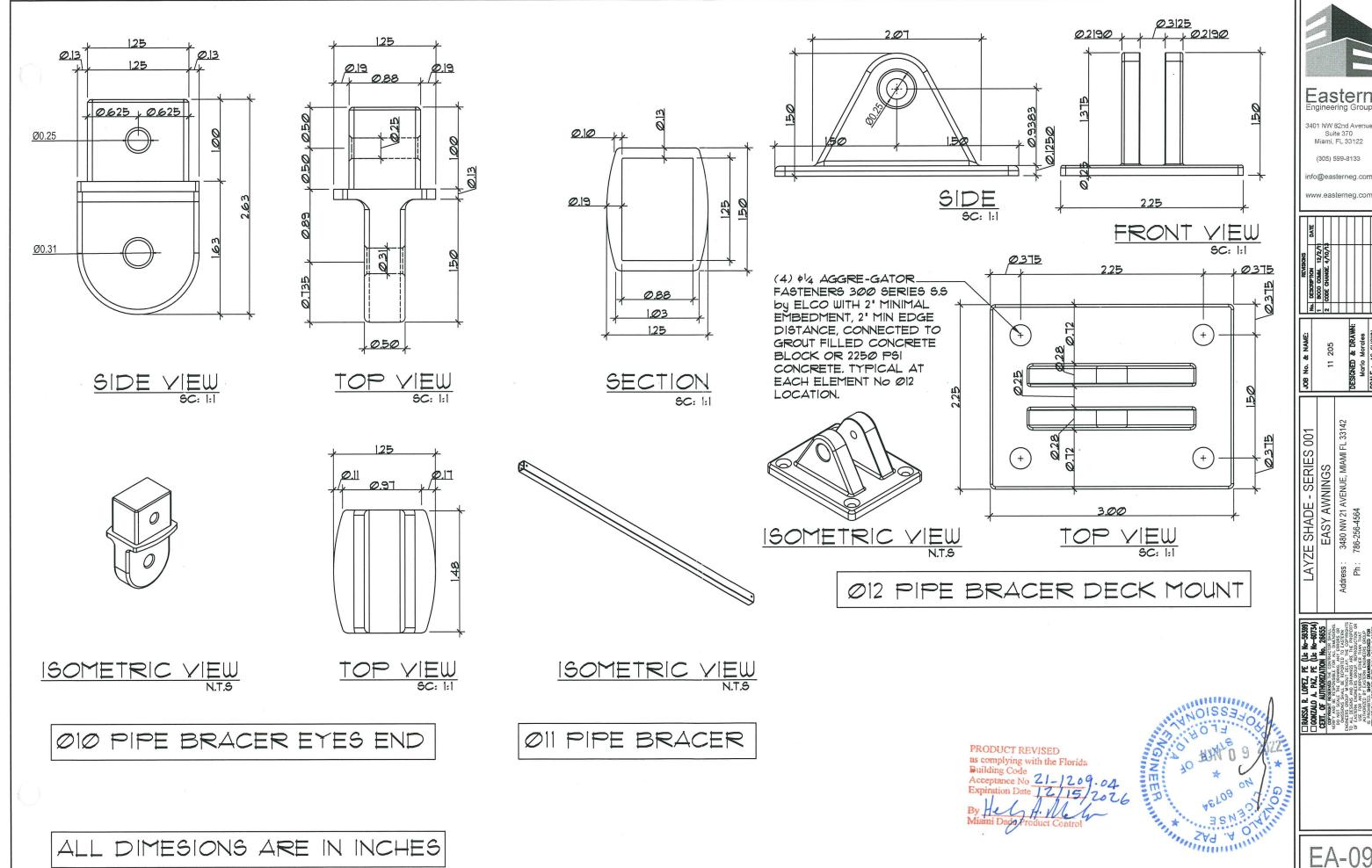
LAYZE SHADE - SERIES 001
EASY AWNINGS
Address: 3480 NW 21 AVENUE, MIAMI FL 33142
Ph: 786-256-4564

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| CONTAIN A. LOPEZ, PE (Le No-59399) | CONTAIN A. PAZ, PE (Le No-59399) | CERT. OF AUTHORAZINON No. 26655 | COPPORENT EXPONENTIAL NO. 18655 | COPPORENT EXPONENTIAL NO. 18655 | COPPORENT EXPONENTIAL NO. 18655 | CONTAIN A. NO. 18650 | CONTAIN A. NO. 1865

EA-08

SHEET 8 OF 9



Easterr Suite 370 Miami, FL 33122 | PENSORS | PENS