

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 N.W. 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 Terrace Awning

**APPROVAL DOCUMENT:** Drawing No. EA-01, titled "Layze Shade - Series 002", sheets 1 through 10 of 10, 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 #18-0924.05 and consists of this page 1, evidence submitted pages E-1, E-2 and 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

Hegf. New 07/28/2022

NOA No. 21-1209.05 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 #11-0908.08

#### A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 002", prepared by Eastern Engineering Group, last revision #1, dated December 06, 2011, signed and sealed by Gonzalo A. Paz, P.E., on December 06, 2011.

#### B. TESTS

1. None.

#### C. CALCULATIONS

- 1. Calculations titled "Layze Shade Series 002 Awning Aluminum frame", prepared by eastern Engineering Group, dated September 06, 2011, 70 sheets, signed and sealed by Gonzalo A. Paz, P.E.
- 2. Calculations titled "Layze Shade Series 002 Awning Aluminum frame", prepared by eastern Engineering Group, dated November 30, 2011, 13 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 #13-0430.13

#### A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 002", prepared by Eastern Engineering Group, last revision #2, dated April 10, 2013, signed and sealed by Gonzalo A. Paz, P.E., on April 10, 2013.

#### B. TESTS

1. None.

#### C. CALCULATIONS

1. Calculations titled "Layze Shade Series 002 Awning Aluminum frame", prepared by eastern Engineering Group, dated April 10, 2013, 3 sheets, signed and sealed by Gonzalo A. Paz, P.E.

#### D. QUALITY ASSURANCE

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

#### E. MATERIAL CERTIFICATIONS

1. None.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 21-1209.05

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

#### Layze Systems

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #16-1208.03

#### A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 002", prepared by Eastern Engineering Group, last revision #3, dated November 20, 2016, 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.

#### E. MATERIAL CERTIFICATIONS

1. None.

#### 4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0924.05

#### A. DRAWINGS

1. Drawing No. EA-01, titled "Layze Shade – Series 002", prepared by Eastern Engineering Group, last revision #4, dated August 27, 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.

#### E. MATERIAL CERTIFICATIONS

1. None.

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

NOA No. 21-1209.05

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

#### Layze Systems

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 5. NEW EVIDENCE SUBMITTED

- A. DRAWINGS
  - 1. Drawing No. EA-01, titled "Layze Shade Series 002", sheets 1 through 10 of 10, 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.
- 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.

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

NOA No. 21-1209.05 Expiration Date: 12/15/2026 Approval Date: 07/28/2022

# LAYZE SHADE - SERIES 002 ALUMINUM AND FABRIC TERRACE AWNING

×	TABLE OF CONTENTS					
SHEET	REVISION	SHEET DESCRIPTION				
EA-Ø1		GENERAL NOTES, INSTALLATION NOTES, TABLE OF CONTENTS, BILL OF MATERIALS AND COMPONENTS				
EA-Ø2		ISOMETRICS				
EA-Ø3		PLAN VIEW				
EA-Ø4		FRONT ELEVATION				
EA-Ø5		SIDE ELEVATION				
EA-06		ELEMENTS 001 AND 002				
EA-Ø1		ELEMENTS 003 AND 004				
EA-08		ELEMENTS 005 AND 006				
EA-Ø9		ELEMENTS 007				
EA-10		ELEMENTS 009 & 010				

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#### NOTE:

1- 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 2020 SECTION 3105.42] (FOR WIND EVENTS GREATER THAN 105 MPH, FABRIC CANVAS SHALL BE UP TO REMOVED).
- -GUST FACTOR = 0.85
- -EXPOSURE CATEGORY = 'C'. -TOPOGRAPHIC FACTOR=10
- -DIRECTIONALITY FACTOR = 0.85.

(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	ELEMENT 001	ALUMINUM ALLOY 6061-T6	1
002	ELEMENT ØØ2	ALUMINUM ALLOY 6061-T6	٦
003	ELEMENT ØØ3	ALUMINUM ALLOY 6061-T6	٦
004	ELEMENT 004	ALUMINUM ALLOY 6061-T6	٦
005	ELEMENT 005	ALUMINUM ALLOY 6061-T6	٦
006	ELEMENT 006	ALUMINUM ALLOY 6061-T6	1
ØØ7	ELEMENT 001	ALUMINUM ALLOY 6061-T6	3
008	ELEMENT 008	%" BOLT WITH NUT - ALUMINUM ALLOY 1075-T73 28 UNF	12
009	ELEMENT 009	ALUMINUM ALLOY 6061-T6	3
010	ELEMENT Ø10	ALUMINUM ALLOY 6061-T6	3
Ø11	ELEMENT ØII	以" BOLT WITH NUT - ALUMINUM ALLOY 1075-T73 28 UNF	٦
Ø12	ELEMENT Ø12	以 KWIK CON II BY HILTI	28
Ø13	ELEMENT Ø13	½" HOT-DIP GALVANIZED KWIK BOLT 3 BY HILTI	28
Ø14	ELEMENT Ø14	10-16 S.S KWIK-FLEX SCREWS by HILTI or APPROVED EQUAL	6
Ø15	ELEMENT Ø15	9.9 SOCKET SET SCREW ¼'-20 CONE POINT	24

MAX. DESIGN PRESSURE RATING

+50/-50 PSF SHORT TERM

5 PSF DEAD LOAD

PRODUCT REVISED as complying with the Florida

Eastern

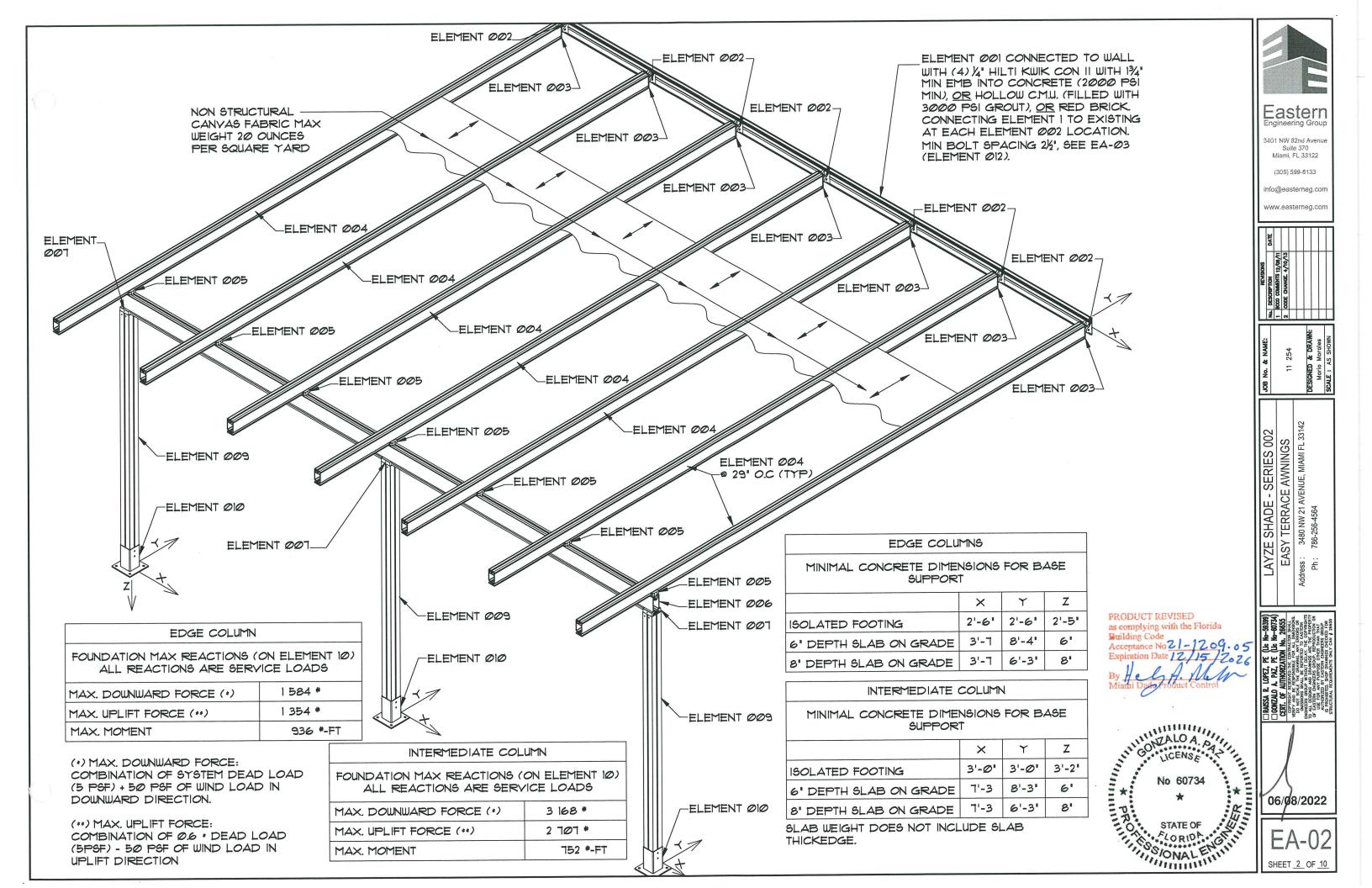
3401 NW 82nd Avenue Suite 370 Miami, FL 33122 (305) 599-8133

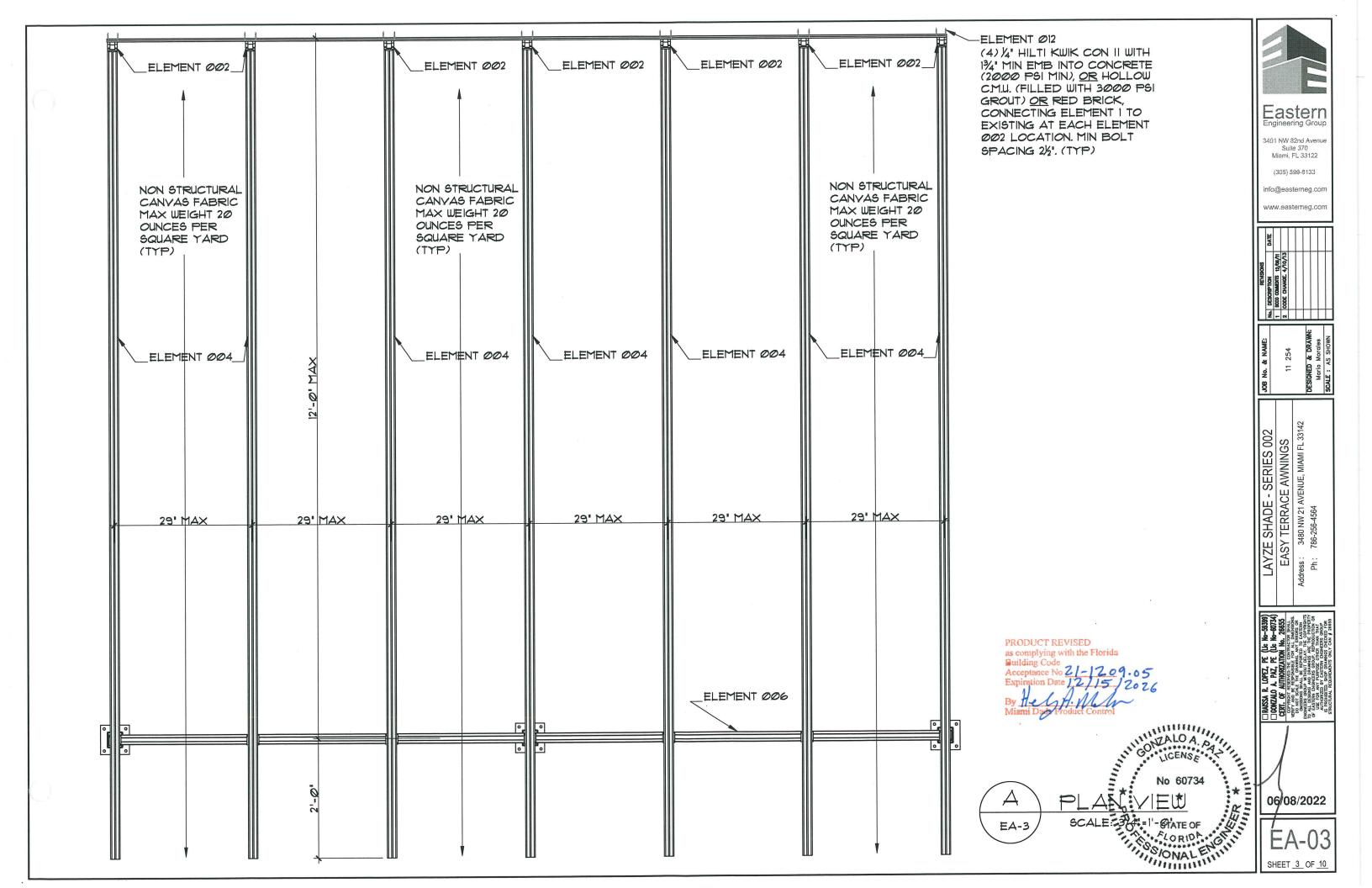


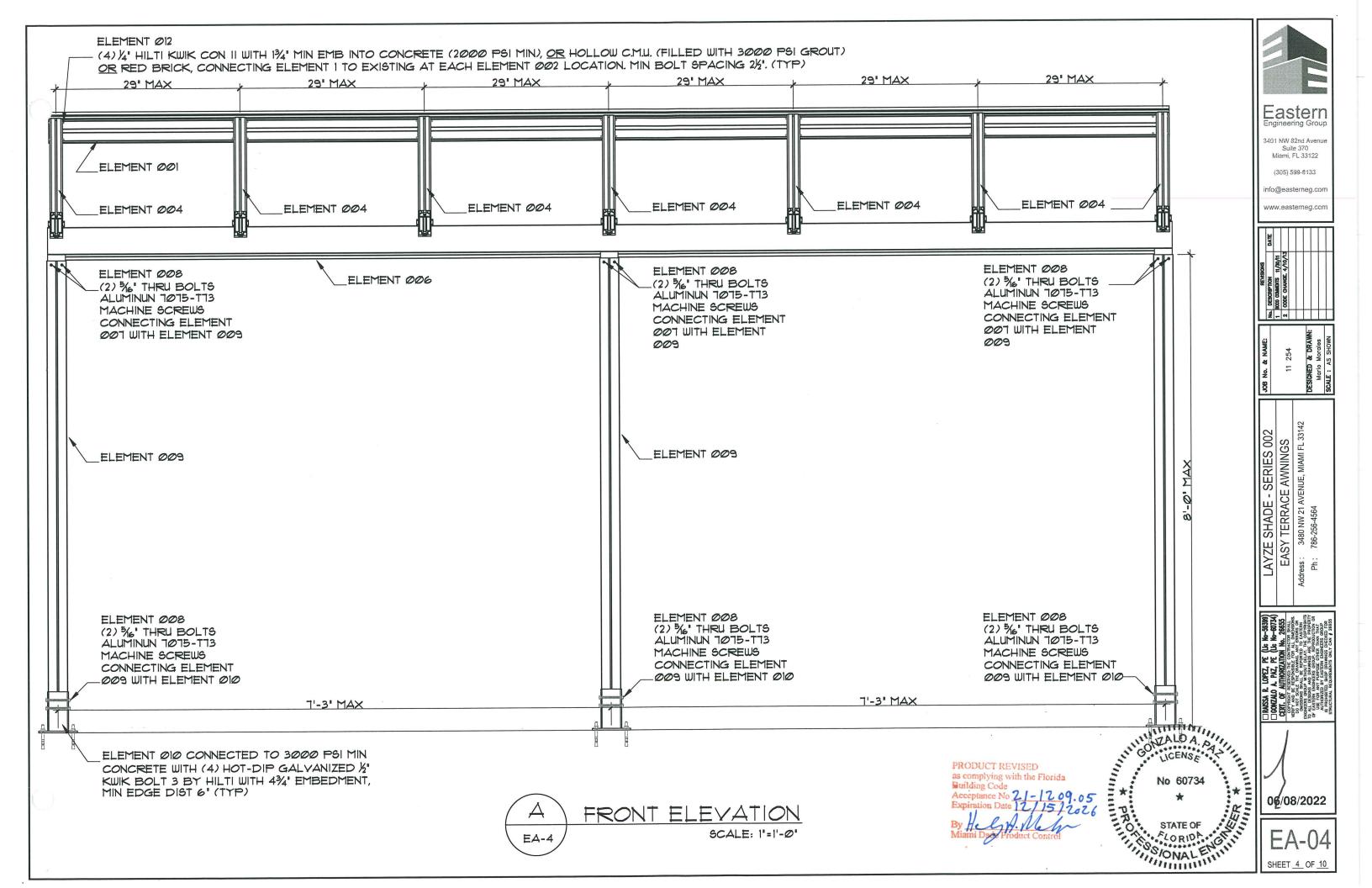
LAYZE SHADE - SERIES 002
EASY TERRACE AWNINGS
ress: 3480 NW 21 AVENUE, MIAMI FL 33142
Ph: 786-256-4564

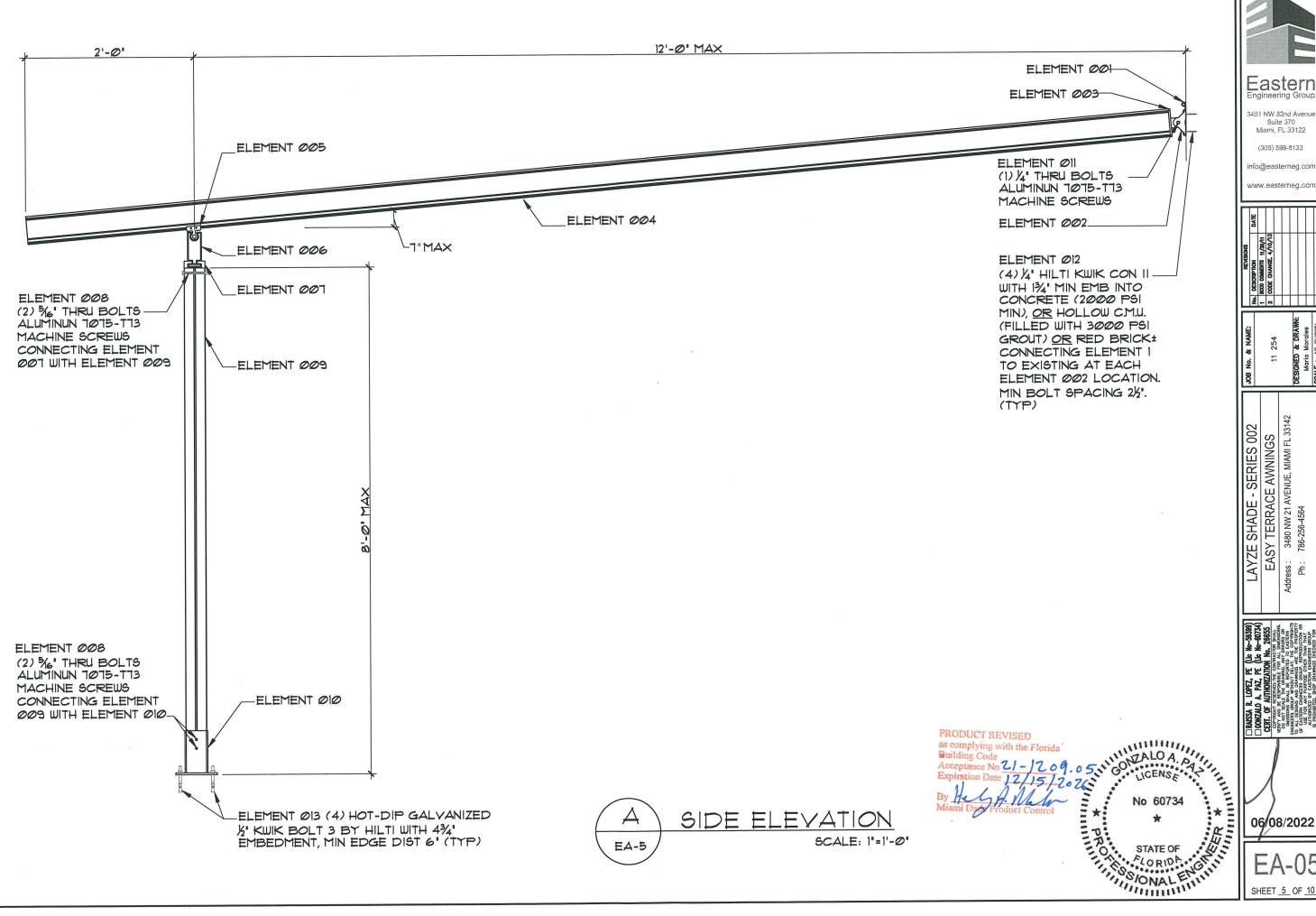
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SHEET 1 OF 10





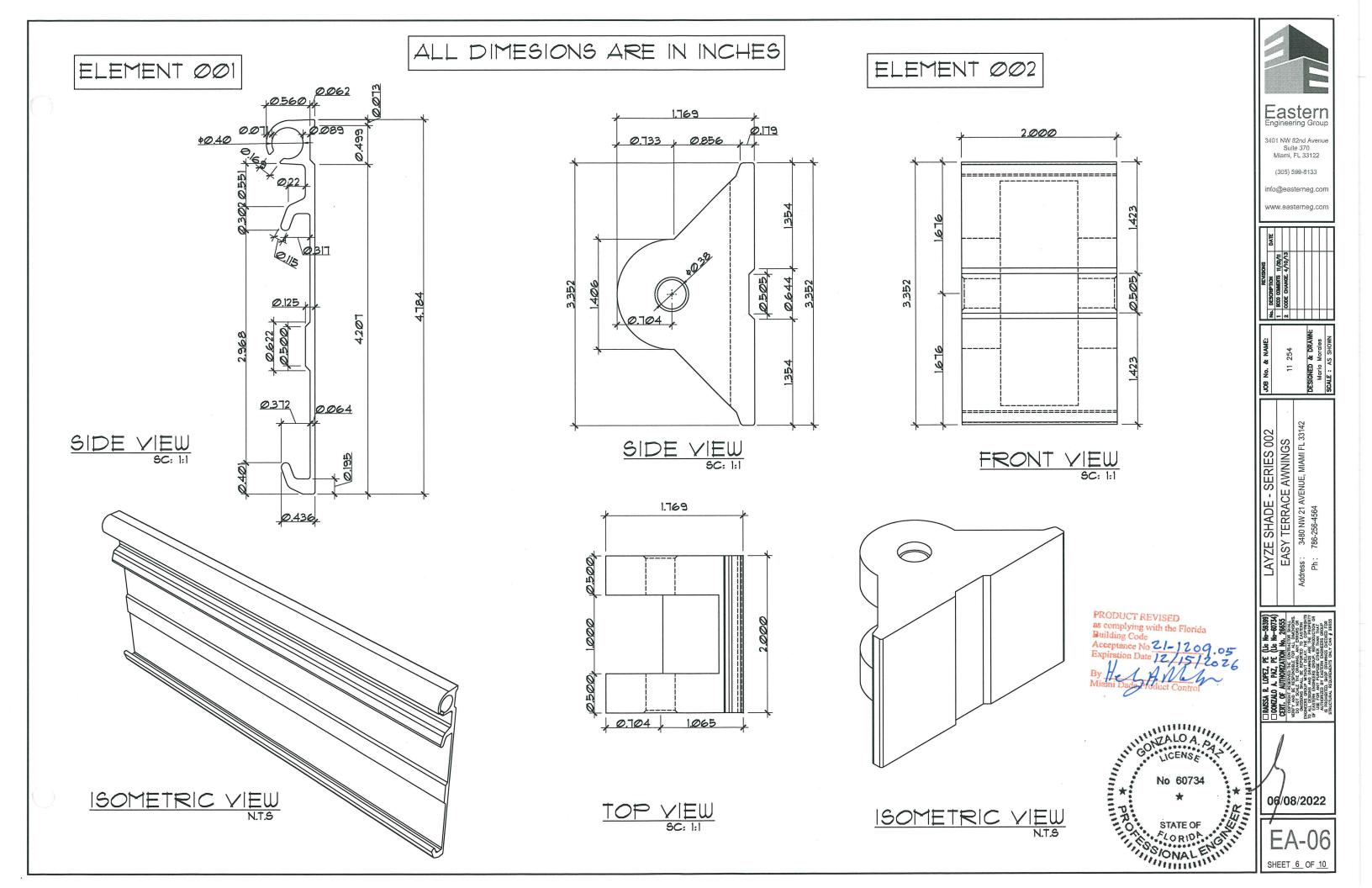




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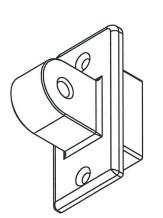
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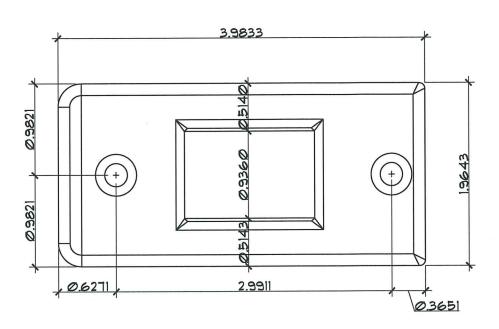
# 2.750 0.75 1.046 0.704 10-16 5.5 KWIK-FLEX SCREWS by HILTI or APPROVED EQUAL **G185** 10-16 S.S KWIK-FLEX SCREWS by HILTI or APPROVED EQUAL

SIDE VIEW

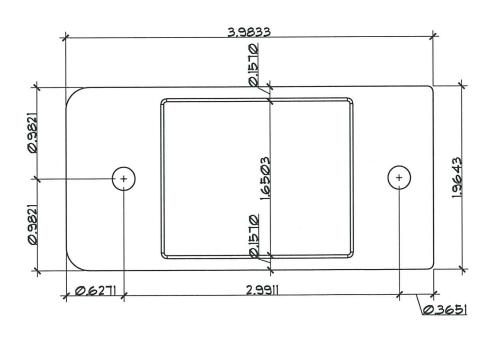


SOMETRIC VIEW

# ALL DIMESIONS ARE IN INCHES



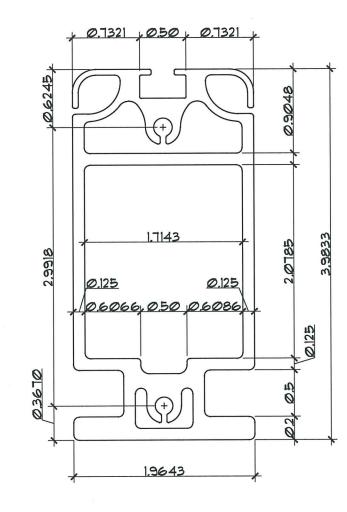
FRONT VIEW



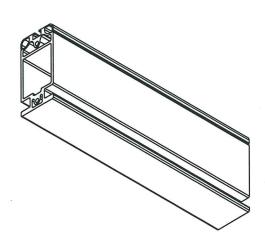
BOTTOM VIEW

ELEMENT 003

## ELEMENT 004



FRONT VIEW



ISOMETRIC VIEW

PRODUCT REVISED





3401 NW 82nd Avenue

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Ph: 786-256-4564

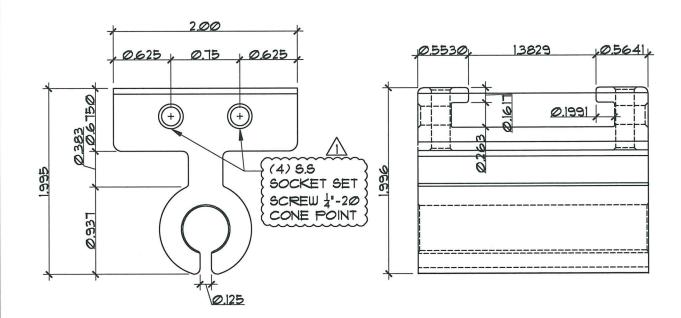
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# ELEMENT 005



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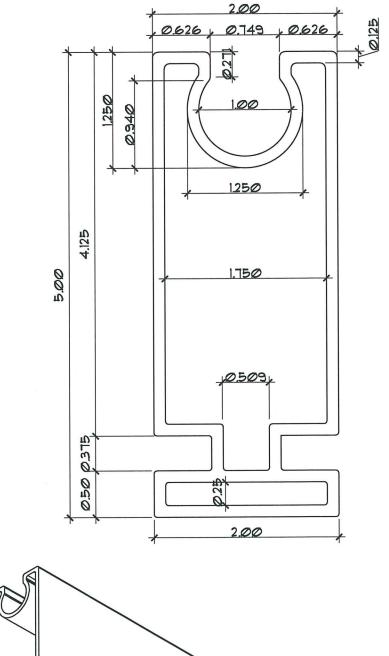
FRONT VIEW SC: 1:1

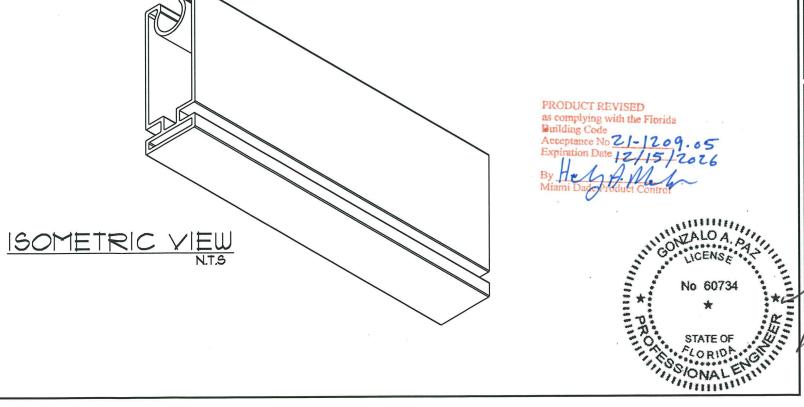
POINT

S.S SOCKET\_ SET SCREW 1-20 CONE S.S SOCKET SET SCREW

ISOMETRIC VIEW









Eastern Engineering Group

3401 NW 82nd Avenue Suite 370 Miami, FL 33122

(305) 599-8133

info@easterneg.com

FRONT VIEW SC: 1:1

ELEMENT 006

www.easterneg.com

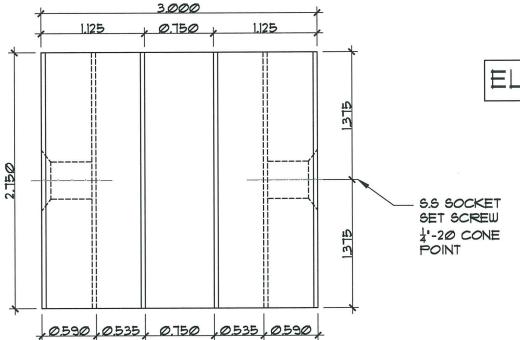
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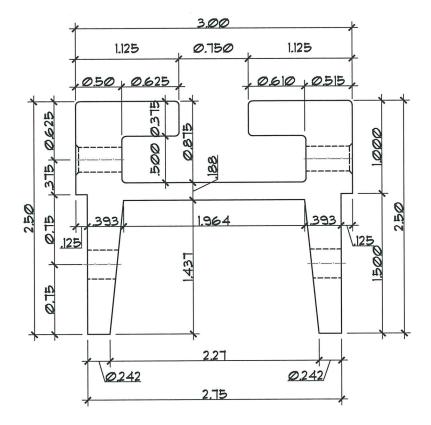
SHEET 8 OF 10

### ALL DIMESIONS ARE IN INCHES

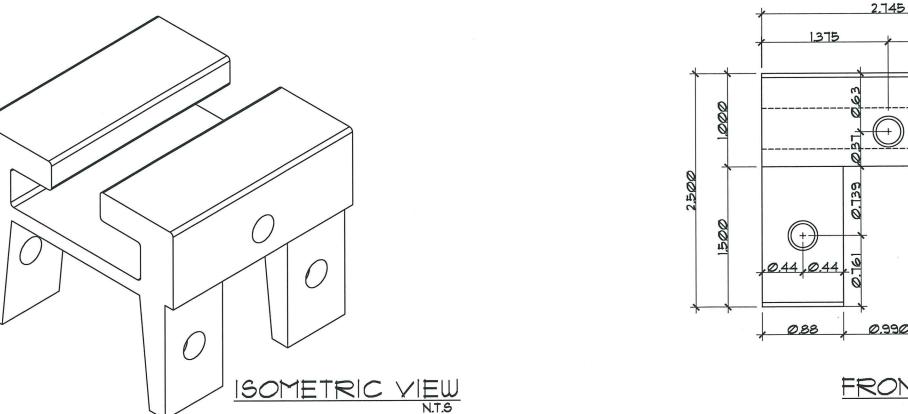


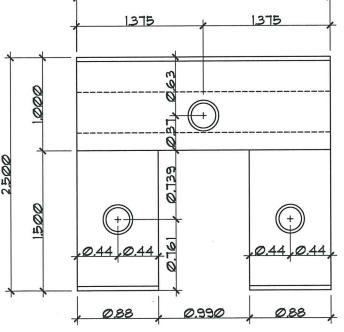
TOP VIEW SC: 1:1

ELEMENT 007



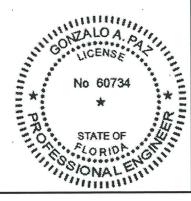
SIDE VIEW SC: 1:1





FRONT VIEW

PRODUCT REVISED as complying with the Florida Acceptance No 21-12 09.05 Expiration Date 12/15/2026





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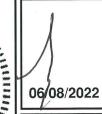
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	REVISIONS	DESCRIPTION	BCC0 COLAMENTS 11/30/11	CHANGE 4/10/			

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LAYZE SHADE - SERIES 002
EASY TERRACE AWNINGS
Address: 3480 NW 21 AVENUE, MIAMI FL 33142
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Address: Ph:

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**EA-09** SHEET 9 OF 10

