



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](http://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.**



*Helmy A. Makar*  
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**

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. 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).*

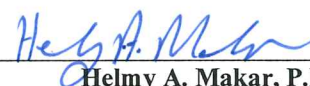
**E. MATERIAL CERTIFICATIONS**

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**  
**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.*



---

Helmy 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-01		GENERAL NOTES, INSTALLATION NOTES, TABLE OF CONTENTS, BILL OF MATERIALS AND COMPONENTS
EA-02		ISOMETRICS
EA-03		ISOMETRICS
EA-04		ELEVATIONS
EA-05		ELEMENTS 001 AND 002
EA-06		ELEMENTS 003 AND 005
EA-07		ELEMENTS 006 AND 007
EA-08		ELEMENTS 008 AND 009
EA-09		ELEMENTS 010 TO 012

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 3105.4.2.1 (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.

2 3 4

BILL OF MATERIALS

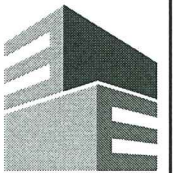
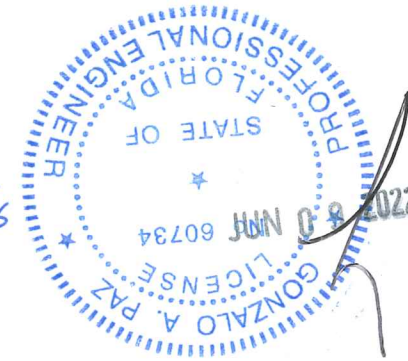
NO	DESCRIPTION	NOTES	QUANTITY
001	WALL MOUNT	ALUMINUM ALLOY 6061-T6	1
002	MOUNT MALE	ALUMINUM ALLOY 6061-T6	3
003	MOUNT FEMALE	ALUMINUM ALLOY 6061-T6	3
004	1/4 MACHINE SCREW	BOLT WITH NUT - ALUMINUM ALLOY 7075-T73 28 UNF	14
005	AWNING MAIN EXTRUSION	ALUMINUM ALLOY 6061-T6	3
006	PLASTIC CLIP	ALUMINUM ALLOY 6061-T6	6
007	PIPE SUPPORT	ALUMINUM ALLOY 6061-T6	3
008	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
011	PIPE BRACER	ALUMINUM ALLOY 6061-T6	2
012	PIPE BRACER DECK MOUNT	ALUMINUM ALLOY 6061-T6	2
013	1/2" WALL ANCHORS	AGGRE-GATOR FASTENERS 300 SERIES STAINLESS STEEL ANCHORS BY ELCO	22
014	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  
By *Heidi A. Miller*  
Miami Trade Product Control



Eastern  
Engineering Group

3401 NW 82nd Avenue  
Suite 370  
Miami, FL 33122

(305) 599-8133

info@easterneg.com

www.easterneg.com

REVISIONS	DATE	DESCRIPTION
1	12/9/21	BIDD COM.
2	4/10/23	CODE CHANGE
3	11/29/23	CODE CHANGE
4	8/24/24	CODE CHANGE
5	8/29/24	CODE UPDATE

JOB NO. & NAME:	DESIGNED & DRAWN:	SCALE:
11 205	Merlo Morales	AS SHOWN

LAYZE SHADE - SERIES 001  
EASY AWNINGS

Address : 3480 NW 21 AVENUE, MIAMI FL 33142  
Ph : 786-256-4564

CRISTINA R. LOPEZ, PE (Lic No-50399)  
GONZALO A. PAZ, PE (Lic No-60734)  
CERT. OF AUTHORIZATION No. 20655  
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EA-01

SHEET 1 OF 9



(T/C) = TENSION OR COMPRESSION

MAX REACTIONS:  
Fx = 1300\* (T/C)  
Fy = 580\*

002



003

004

MAX REACTIONS:  
Fx = 990\* (T/C)  
Fy = 0\*

(T/C) = TENSION OR COMPRESSION

012



010

011

MAX REACTIONS:  
Fx = 1300\* (T/C)  
Fy = 580\*

001

002

003

004

010

MAX REACTIONS:  
Fx = 990\* (T/C)  
Fy = 0\*

(T/C) = TENSION OR COMPRESSION

004



006

003

004

006

005

009

007

006

MAX REACTIONS:  
Fx = 990\* (T/C)  
Fy = 0\*

(T/C) = TENSION OR COMPRESSION

004



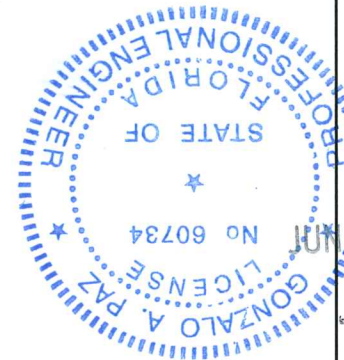
006

004

011

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 21-1209.04  
Expiration Date 12/15/2026  
By Hedy A. Martin  
Miami Dade Product Control

NON STRUCTURAL  
CANVAS FABRIC MAX  
WEIGHT 20 OUNCES  
PER SQUARE YARD



**Eastern**  
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REVISIONS	DESCRIPTION	DATE
1	BIDD COMAL 12/9/21	
2	CODE CHANGE 4/10/23	

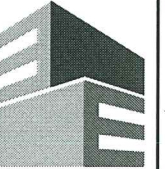
JOB No. & NAME:	11 205
DESIGNED & DRAWN:	Mario Morales
SCALE:	AS SHOWN

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

GIANNISA R. LOPEZ, PE (Lic No-50399)  
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9/2022





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REVISIONS	DATE
1	BIDD COM. 12/6/21
2	CODE CHANGE 4/10/22

JOB No. & NAME:	11 205
DESIGNED & DRAWN:	Mario Morales
SCALE:	AS SHOWN

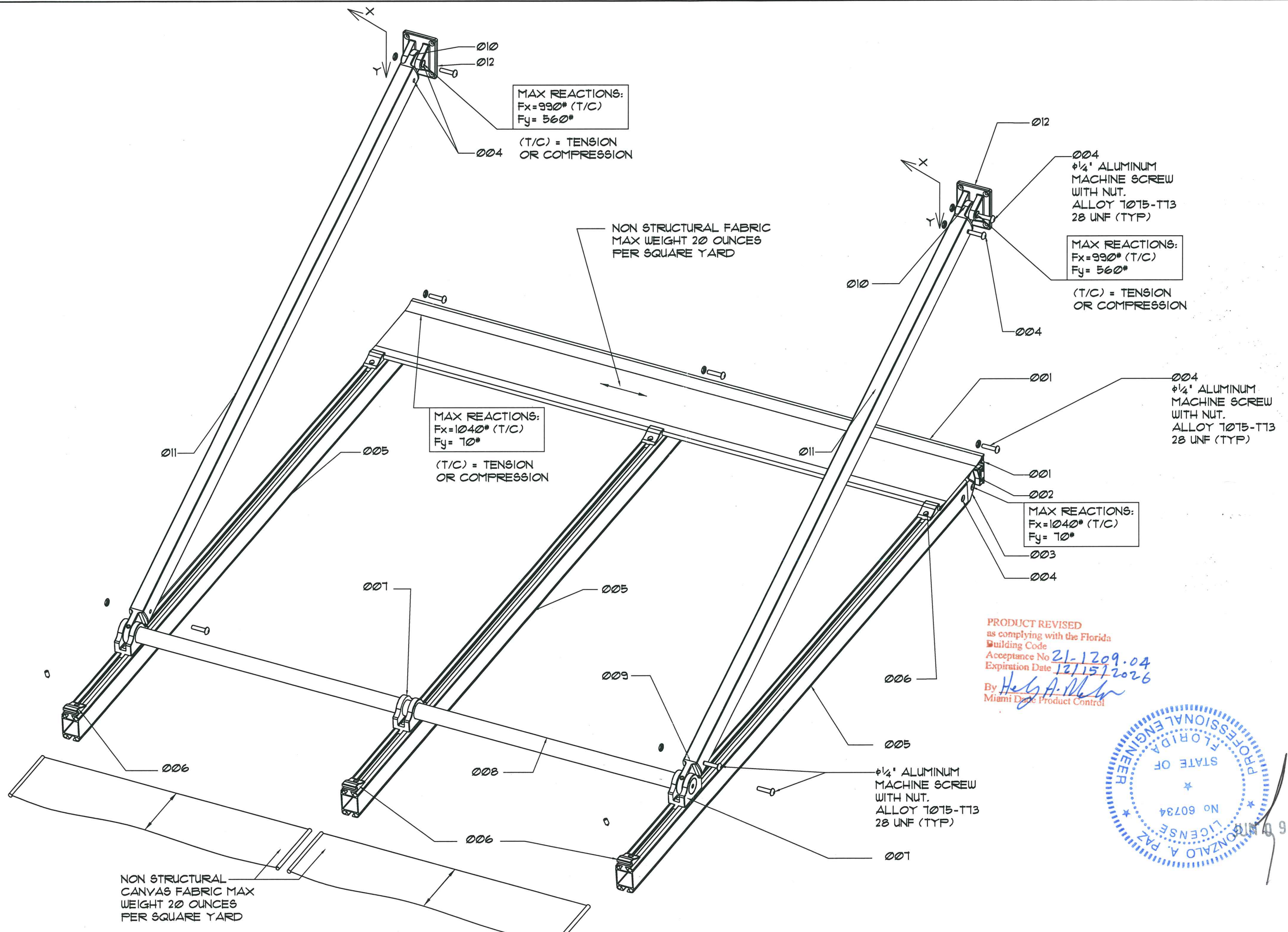
LAYZE SHADE - SERIES 001
EASY AWNINGS
Address: 3480 NW 21 AVENUE, MIAMI FL 33142
PH: 786-256-4564

MASSA R. LOPEZ, PE (Lic No-50399)  
 GONZALO A. PAZ, PE (Lic No-60734)  
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PROFESSIONAL ENGINEER  
 STATE OF FLORIDA  
 LICENSE No 60734  
 GONZALO A. PAZ  
 JUN 9 2022

EA-03

SHEET 3 OF 9



MAX REACTIONS:  
 $F_x = 990^*$  (T/C)  
 $F_y = 560^*$

(T/C) = TENSION OR COMPRESSION

NON STRUCTURAL FABRIC  
 MAX WEIGHT 20 OUNCES  
 PER SQUARE YARD

MAX REACTIONS:  
 $F_x = 1040^*$  (T/C)  
 $F_y = 70^*$

(T/C) = TENSION OR COMPRESSION

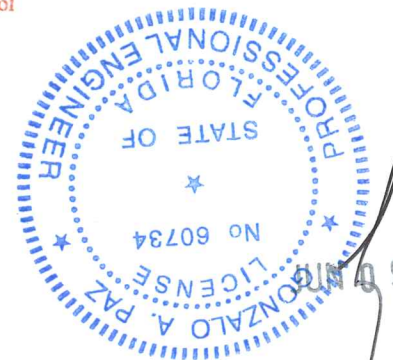
MAX REACTIONS:  
 $F_x = 990^*$  (T/C)  
 $F_y = 560^*$

(T/C) = TENSION OR COMPRESSION

MAX REACTIONS:  
 $F_x = 1040^*$  (T/C)  
 $F_y = 70^*$

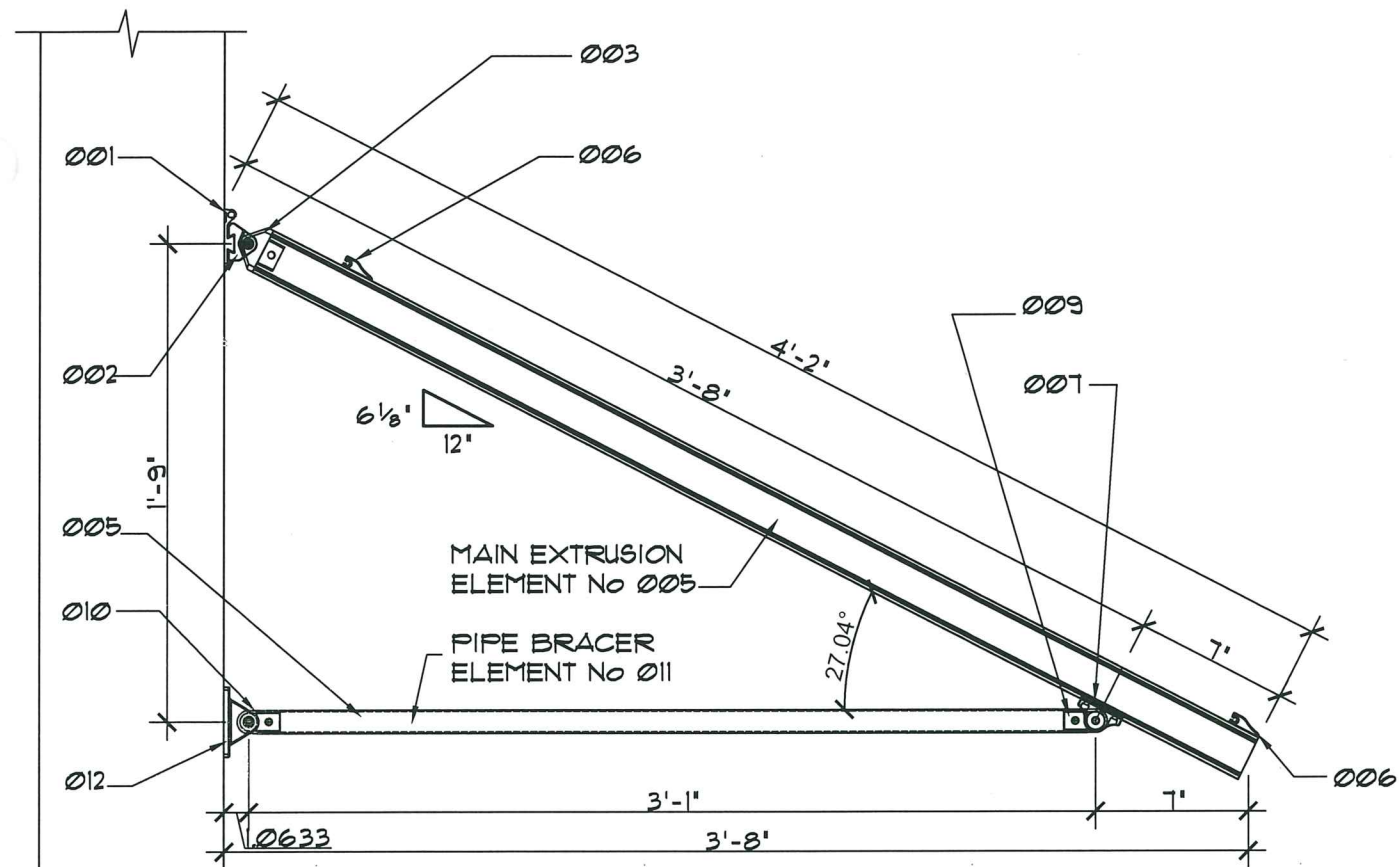
(T/C) = TENSION OR COMPRESSION

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 21-1209.04  
 Expiration Date 12/15/2026  
 By Healy A. Peltier  
 Miami Date Product Control



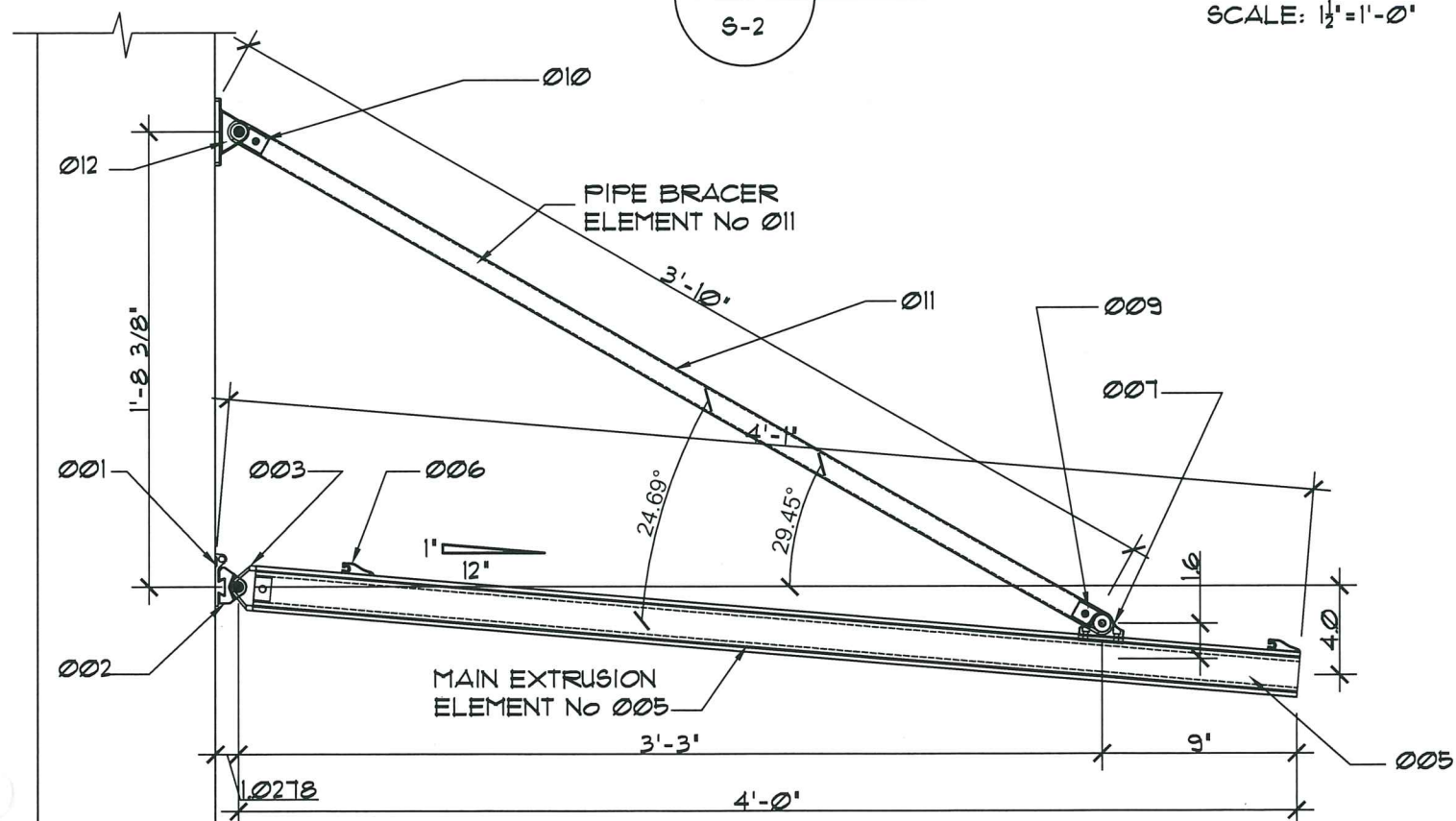
NON STRUCTURAL  
 CANVAS FABRIC MAX  
 WEIGHT 20 OUNCES  
 PER SQUARE YARD





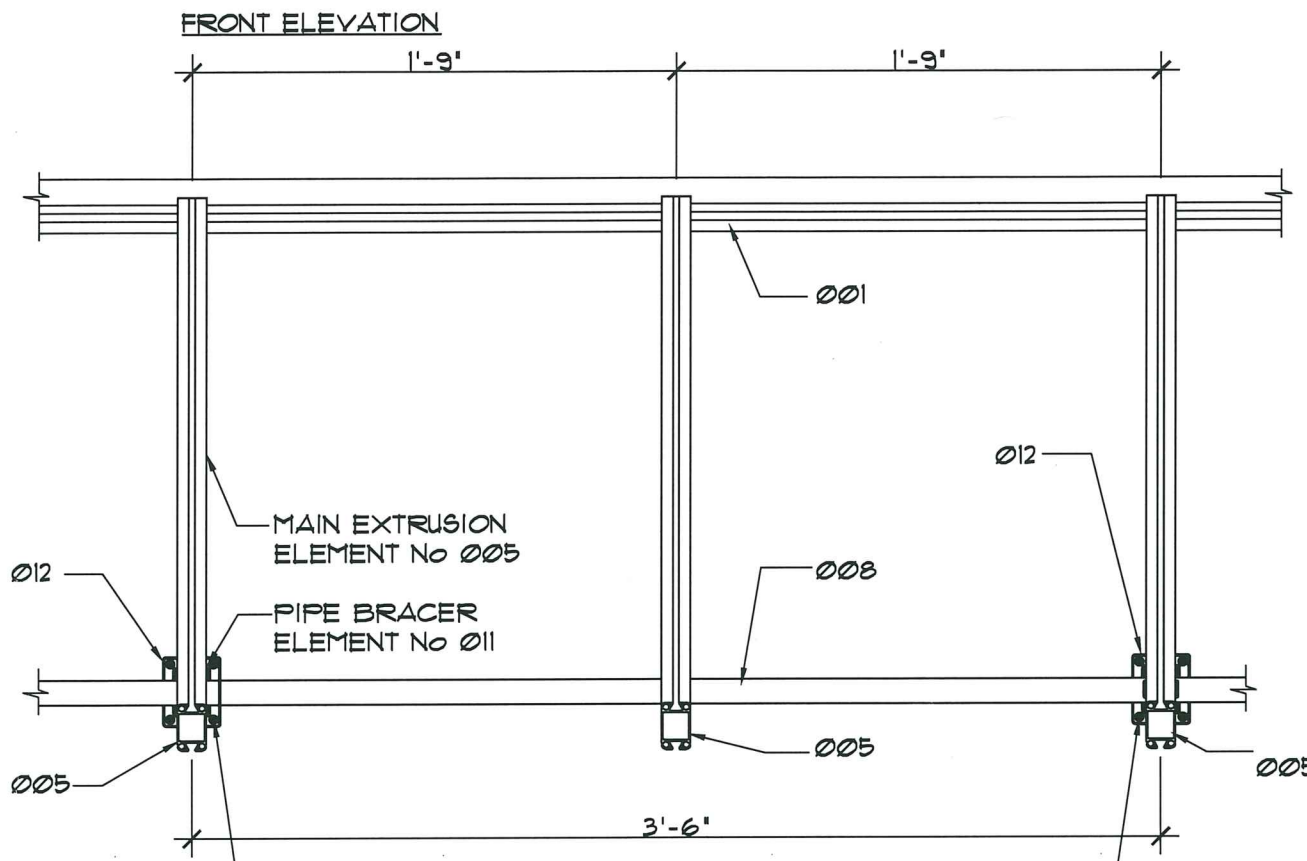
SIDE ELEVATION

**A** MOUNTED OPTION No 1  
SCALE: 1/2" = 1'-0"

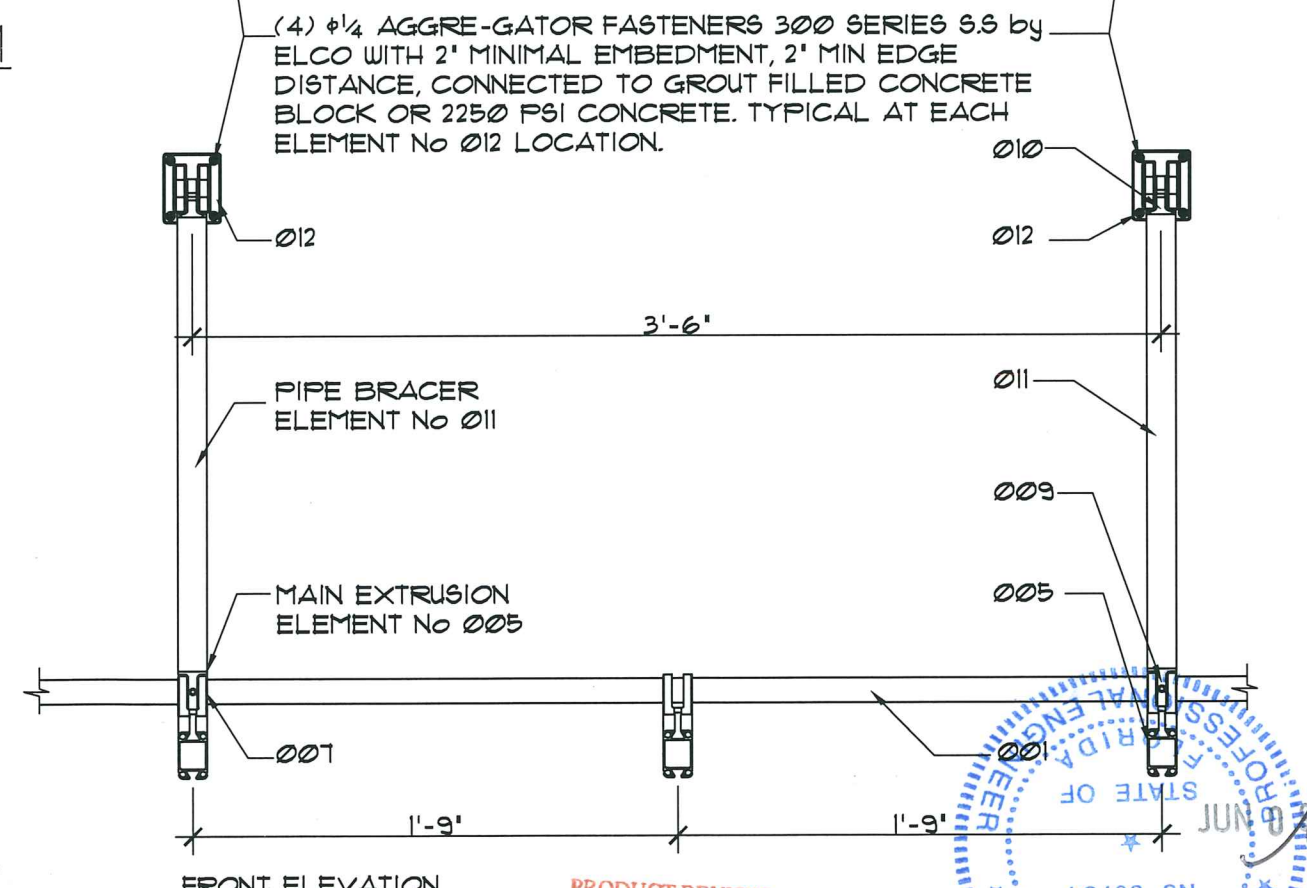


SIDE ELEVATION

**B** MOUNTED OPTION No 2  
SCALE: 1/2" = 1'-0"



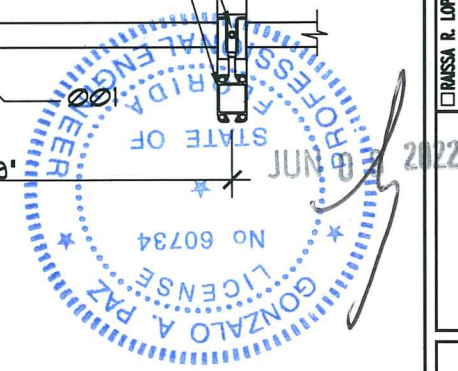
FRONT ELEVATION



FRONT ELEVATION

(4) #1/4 AGGRE-GATOR FASTENERS 300 SERIES S.S. by ELCO WITH 2" MINIMAL EMBEDMENT, 2" MIN EDGE DISTANCE, CONNECTED TO GROUT FILLED CONCRETE BLOCK OR 2250 PSI CONCRETE. TYPICAL AT EACH ELEMENT NO 012 LOCATION.

PRODUCT REVISED  
as complying with the Florida  
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Acceptance No 21-1209.04  
Expiration Date 12/15/2026  
By *Hely A. M...*  
Miami Data Product Control



REVISIONS	DATE
1	BIDD CORRAL 12/6/21
2	CODE CHANGE 4/10/23

JOB NO. & NAME:	11 205
DESIGNED & DRAWN:	Mario Morales
SCALE:	AS SHOWN

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

GONZALO A. PAZ, PE (Lic No-50399)  
CERT. OF AUTHORIZATION No. 20655  
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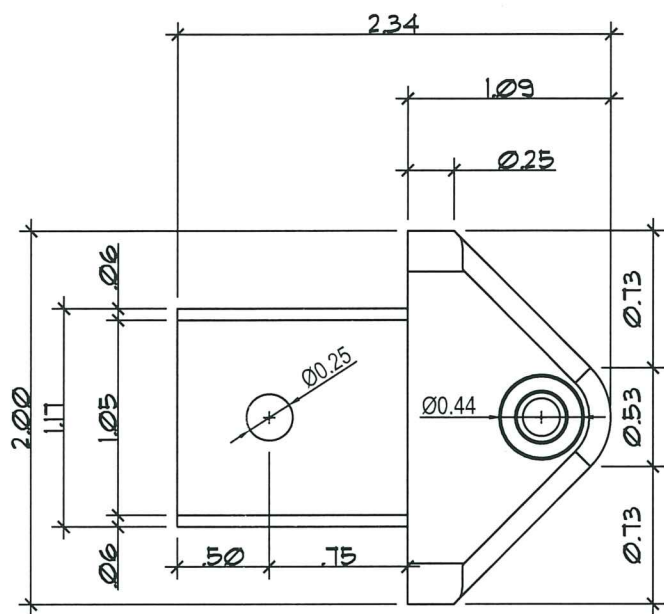
JUN 2022  
GONZALO A. PAZ  
LICENSE NO. 60734  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER



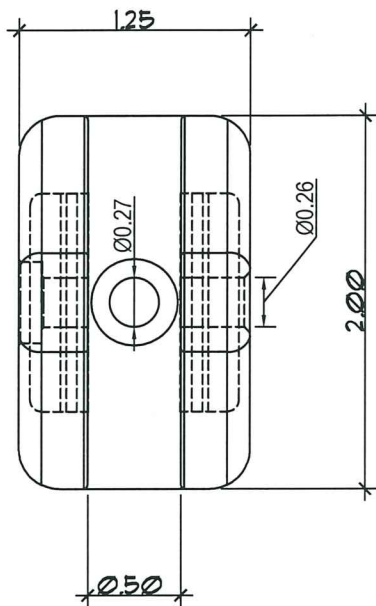




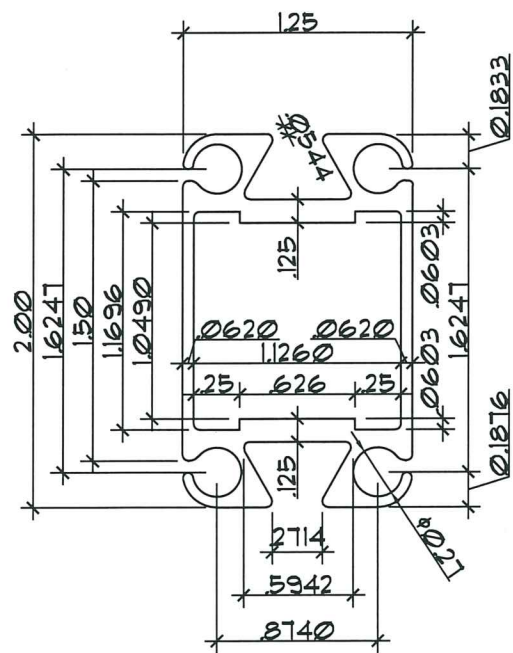
ALL DIMESIONS ARE IN INCHES



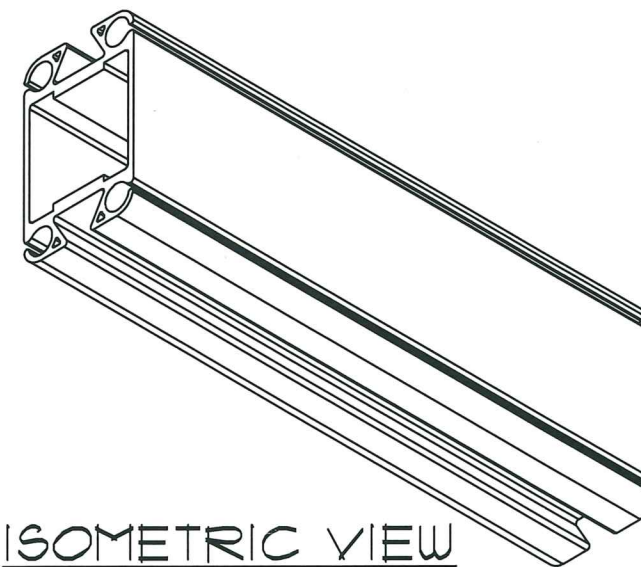
SIDE VIEW  
SC: 1:1



FRONT VIEW  
SC: 1:1

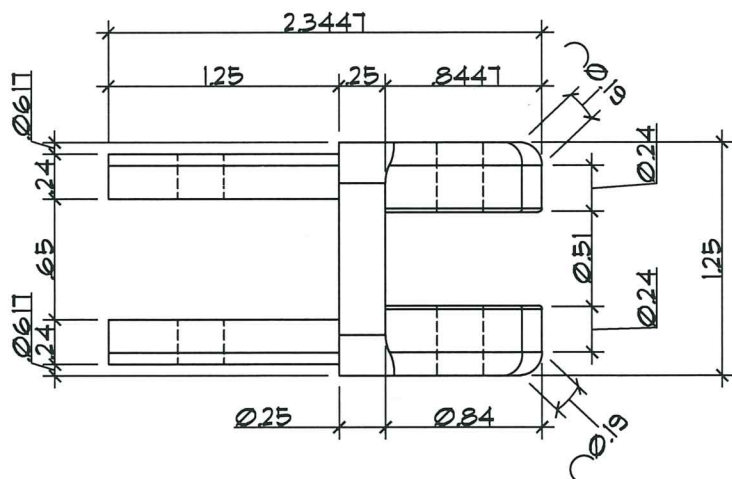


SECTION  
SC: 1:1

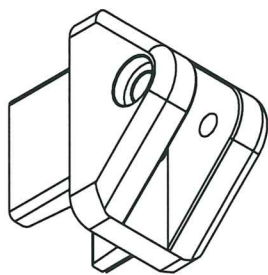


ISOMETRIC VIEW  
N.T.S

005 AWNING MAIN EXTRUSION

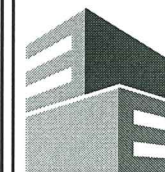


TOP VIEW  
SC: 1:1



ISOMETRIC VIEW  
N.T.S

003 MOUNT FEMALE



Eastern Engineering Group

3401 NW 82nd Avenue  
Suite 370  
Miami, FL 33122

(305) 599-8133

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REVISIONS	DESCRIPTION	DATE
1	BCCD CORAL	12/7/11
2	CODE CHANGE	4/10/13

JOB No. & NAME:	11 205
DESIGNED & DRAWN:	Mario Morales
SCALE:	AS SHOWN

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

RAISA B. LOPEZ, PE (Lic No-80399)  
 GONZALO A. PAZ, PE (Lic No-60734)  
CERT. OF AUTHORIZATION No. 20655  
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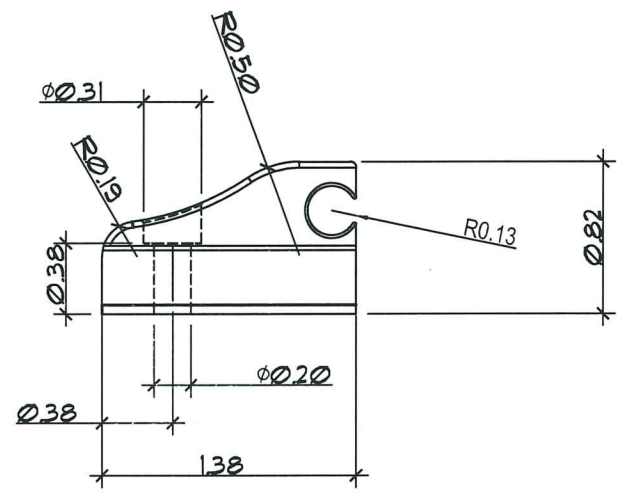
PRODUCT REVISED  
as complying with the Florida Building Code  
Acceptance No 21-1209.04  
Expiration Date 12/15/2026  
By *Hely A. Melin*  
Miami Data Product Control



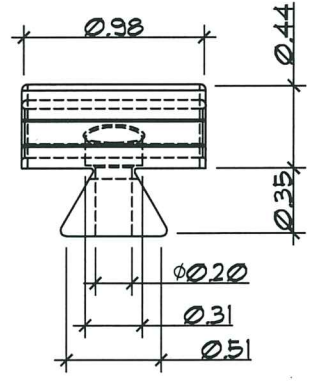
EA-06



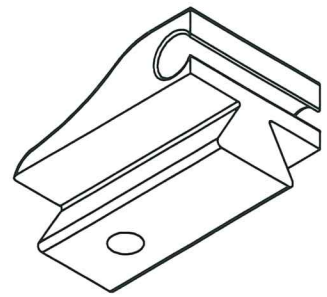
ALL DIMESIONS ARE IN INCHES



SIDE VIEW  
SC: 1:1

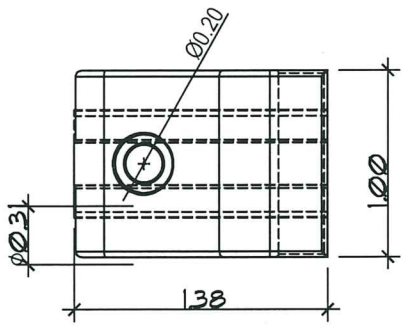


FRONT VIEW  
SC: 1:1

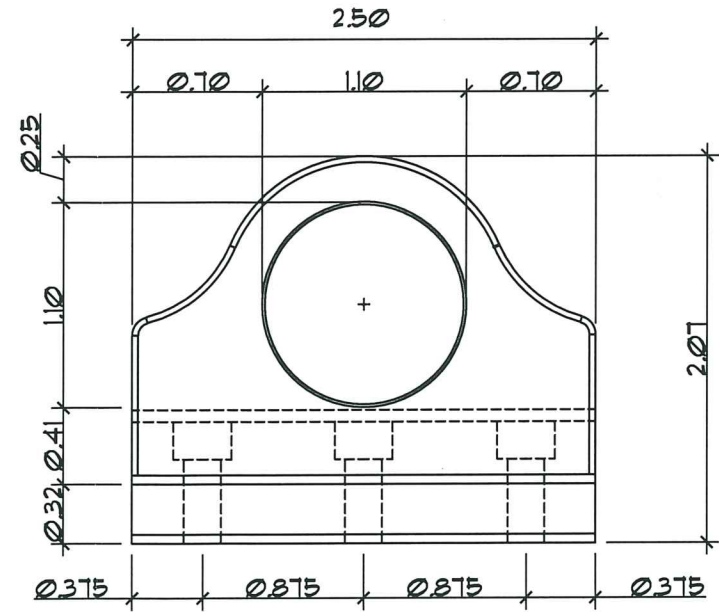


ISOMETRIC VIEW  
N.T.S

006 PLASTIC CLIP

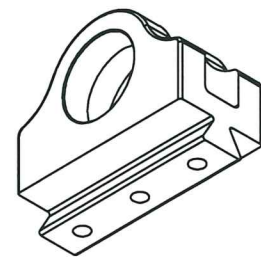


TOP VIEW  
SC: 1:1



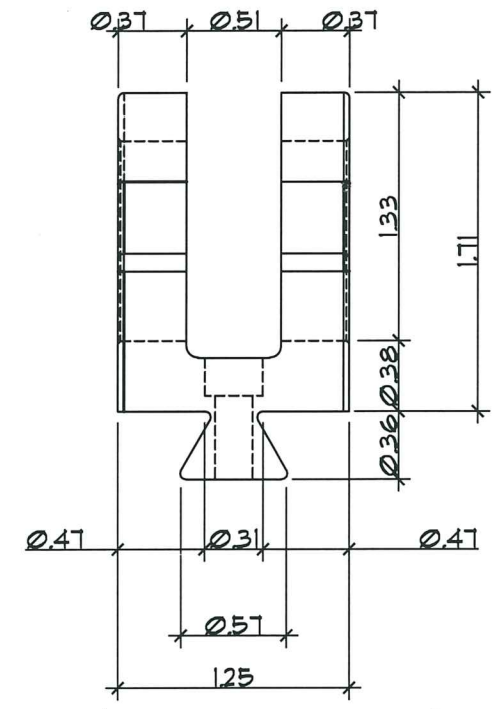
SIDE VIEW  
SC: 1:1

(3) 10-16 KWIK-FLEX SCREWS by HILTI or APPROVED EQUAL (TYP)

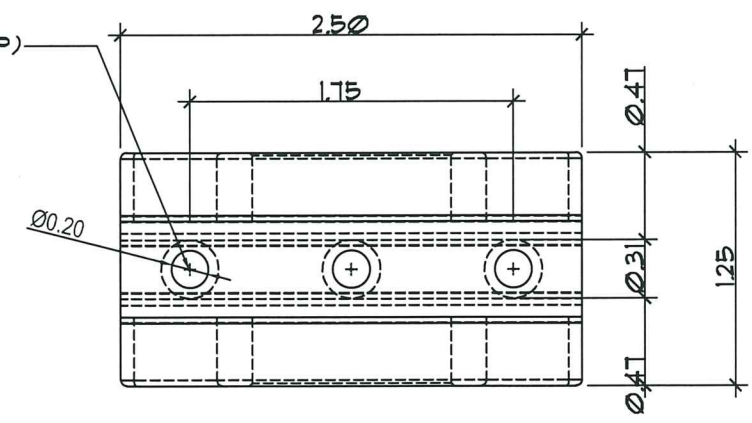


ISOMETRIC VIEW  
N.T.S

007 PIPE SUPPORT

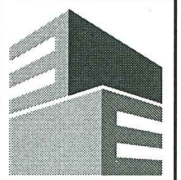
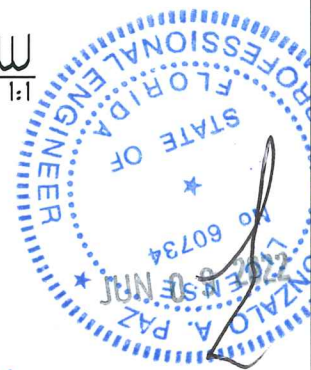


FRONT VIEW  
SC: 1:1



TOP VIEW  
SC: 1:1

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 21-1209.04  
Expiration Date 12/15/2026  
By *Hebert M. Mohr*  
Miami Dade Product Control



Eastern  
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REVISIONS	DATE
No. DESCRIPTION	
1 RECD COMM. 12/2/21	
2 CODE CHANGE 4/10/23	

JOB No. & NAME:	11 205
DESIGNED & DRAWN:	Mario Morales
SCALE:	AS SHOWN

LAYZE SHADE - SERIES 001  
EASY AWNINGS

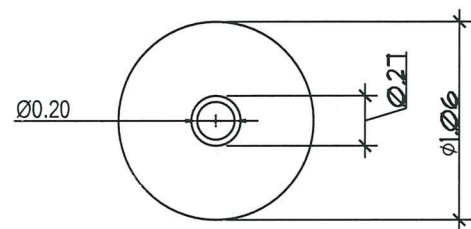
Address: 3480 NW 21 AVENUE, MIAMI FL 33142  
PH: 786-256-4564

GONZALO A. PAZ, PE (Lic No-50389)  
 GONZALO A. PAZ, PE (Lic No-60734)  
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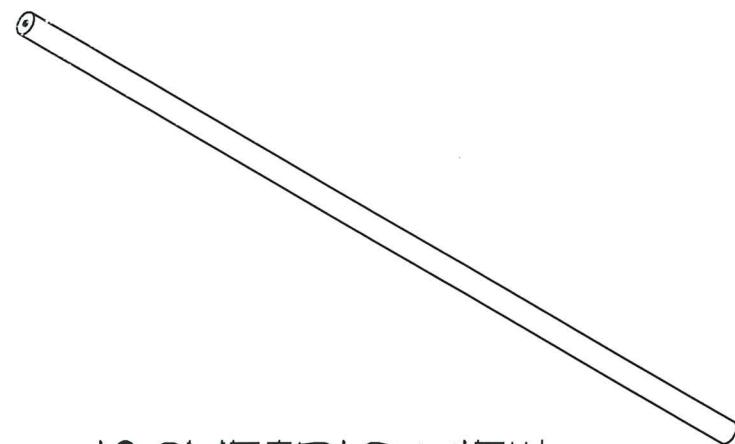
EA-07

SHEET 7 OF 9

ALL DIMESIONS ARE IN INCHES

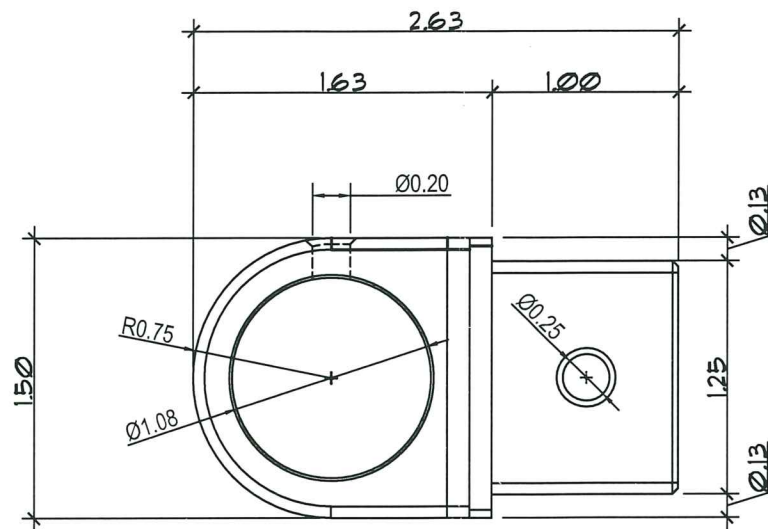


SECTION  
SC: 1:1



ISOMETRIC VIEW  
N.T.S

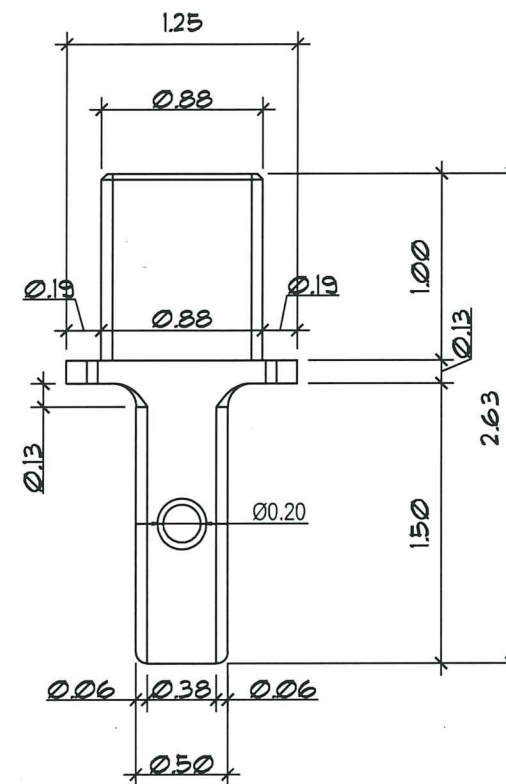
ØØ8 CROSS BAR



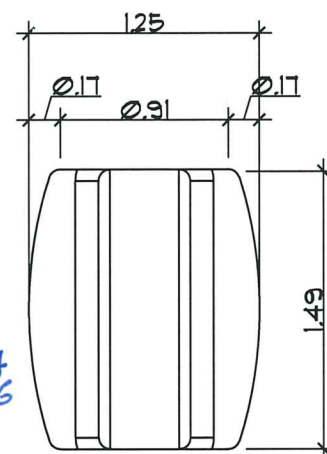
SIDE SECTION  
SC: 1:1

ISOMETRIC VIEW  
N.T.S

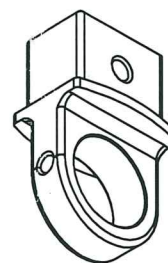
ØØ9 PIPE BRACER EYES END



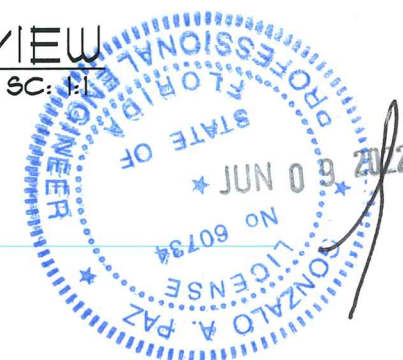
TOP VIEW  
SC: 1:1



BOTTOM VIEW  
SC: 1:1



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Miami Data Product Control



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REVISIONS	DESCRIPTION	DATE
1	BIDD COM. 12/7/11	
2	CODE CHANGE 4/10/13	

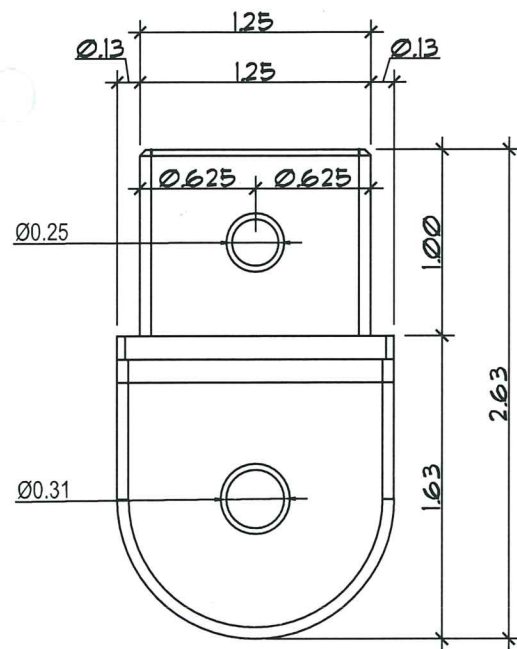
JOB No. & NAME:	11 205
DESIGNED & DRAWN:	Mario Morales
SCALE:	AS SHOWN

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

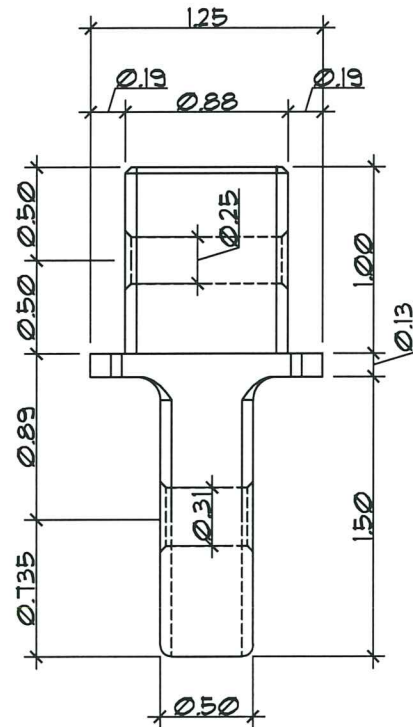
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PROFESSIONAL ENGINEER  
STATE OF FLORIDA  
LICENSE No 60734  
JUN 0 2022

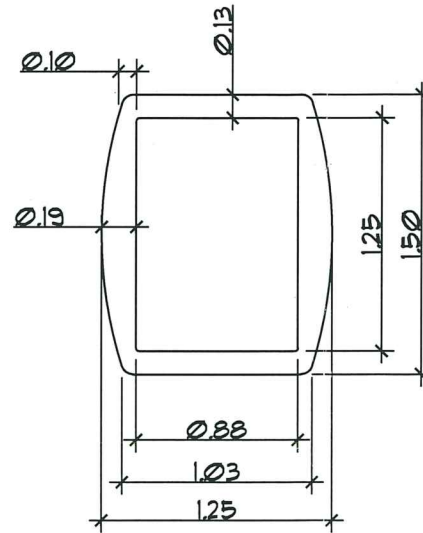




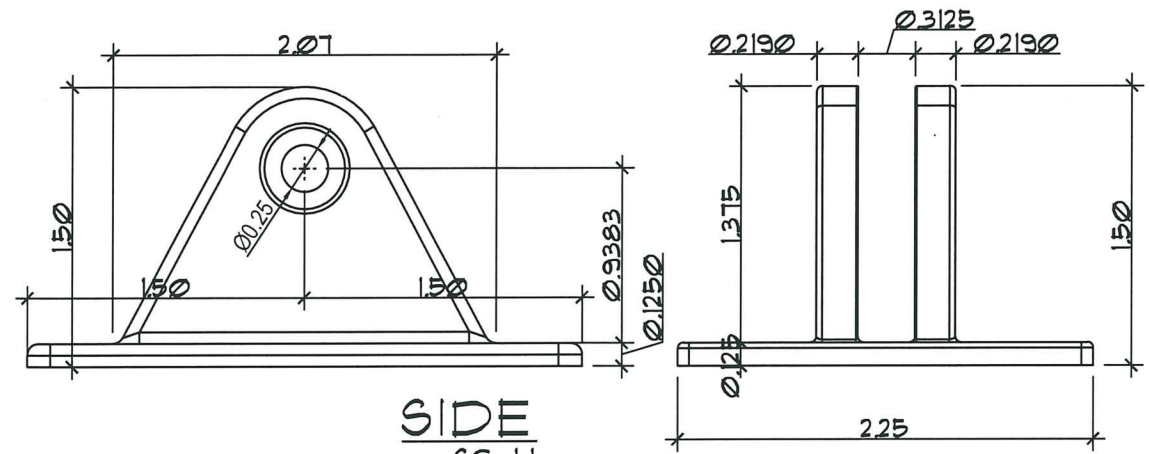
**SIDE VIEW**  
SC: 1:1



**TOP VIEW**  
SC: 1:1



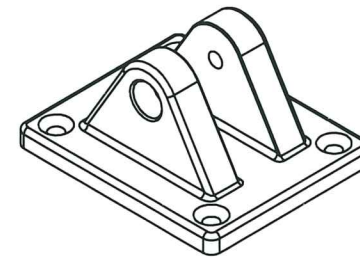
**SECTION**  
SC: 1:1



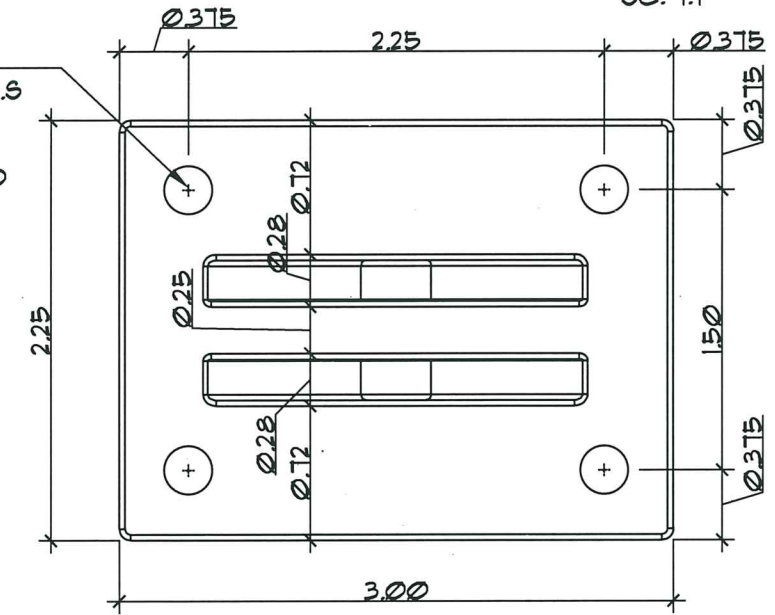
**SIDE**  
SC: 1:1

**FRONT VIEW**  
SC: 1:1

(4) #1/4 AGGRE-GATOR FASTENERS 300 SERIES S.S by ELCO WITH 2" MINIMAL EMBEDMENT, 2" MIN EDGE DISTANCE, CONNECTED TO GROUT FILLED CONCRETE BLOCK OR 2250 PSI CONCRETE. TYPICAL AT EACH ELEMENT No 012 LOCATION.

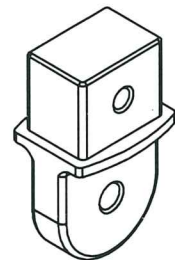


**ISOMETRIC VIEW**  
N.T.S

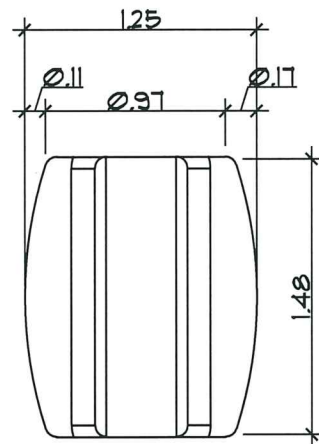


**TOP VIEW**  
SC: 1:1

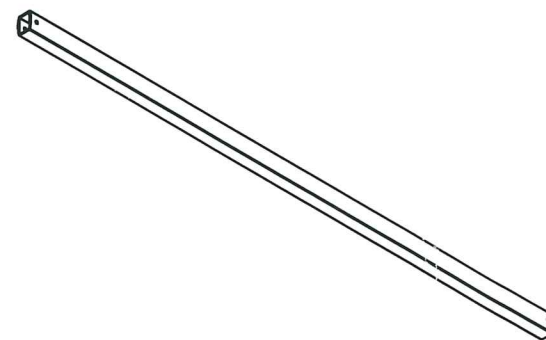
**012 PIPE BRACER DECK MOUNT**



**ISOMETRIC VIEW**  
N.T.S



**TOP VIEW**  
SC: 1:1



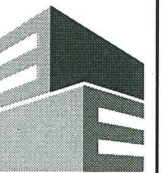
**ISOMETRIC VIEW**  
N.T.S

**011 PIPE BRACER**

**010 PIPE BRACER EYES END**

**ALL DIMENSIONS ARE IN INCHES**

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Miami Dade Product Control



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REVISIONS	No.	DESCRIPTION	DATE
1	BDDO COMM.	12/2/21	
2	CODE CHANGE	4/10/23	

JOB No. & NAME:	11 205
DESIGNED & DRAWN:	Mario Morales
SCALE:	AS SHOWN

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EASY AWNINGS

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KRASSA R. LOPEZ, PE (Lic No-50399)  
 GONZALO A. PAZ, PE (Lic No-60734)  
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**EA-09**

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