



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)

Rollingshield, Inc.
9875 NW 79th Avenue
Hialeah Gardens, FL 33016

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: RS - Retractable Awning

APPROVAL DOCUMENT: Drawing #57-2023 (RSRA), titled "RS - Retractable Awning", pages 1 through 4 of 4, dated 10/23/23, prepared by V. M. Engineering, Inc., signed and sealed by Morgan Villanueva, P.E., on 10/23/2023, 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 NOA #21-0408.03 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

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



Helmy A. Makar
12/28/2023

NOA No. 23-1024.13
Expiration Date: 06/10/2026
Approval Date: 12/28/2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1.

A.

1.

Drawing #26-19 (RSRA), titled "RS - Retractable Awning", pages 1 through 4 of 4, dated 03/28/21, prepared by V. M. Engineering, Inc., signed and sealed by Morgan Villanueva, P.E., on 04/05/2021

B.

1.

Test Report # 19-8701, per TAS 202-94 Wind Test, prepared by Fenestration Testing Laboratory, Inc., dated 01/03/20, signed and sealed by Idalmis Ortega, P.E.

C.

1.

Calculations titled Anchor Calculations for close position of RS-Retractable Awning, prepared, signed & sealed by Morgan Villanueva, P.E., on 04/05/2021.

D.

1.

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

E.

1.

None.

F.

1.

FBC, 2020 Edition compliance letter, dated 04/05/21 issued by V. M. Engineering, Inc., signed and sealed by Morgan Villanueva, P.E., on 04/05/2021.
2.

A.

1.

Drawing #57-2023 (RSRA), titled "RS - Retractable Awning", pages 1 through 4 of 4, dated 10/23/23, prepared by V. M. Engineering, Inc., signed & sealed by Morgan Villanueva, P.E., on 10/23/2023.

B.

1.

None.

C.

1.

None.

D.

1.

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

E.

1.

None.

F.

1.

FBC, 2023 Edition compliance letter, dated 10/20/23 issued by V. M. Engineering, Inc., signed and sealed by Morgan Villanueva, P.E., on 10/23/2023.

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

Product Control Section Supervisor

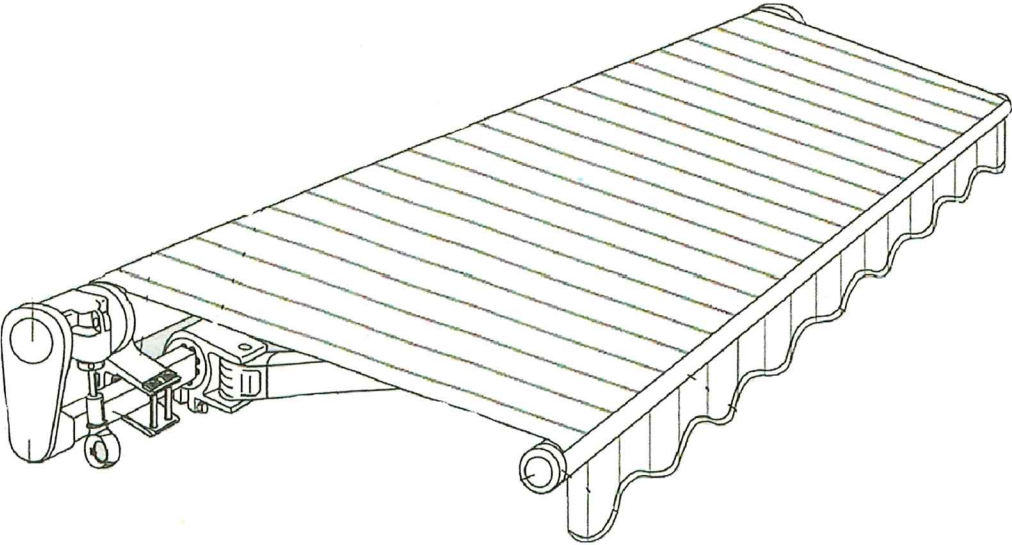
NOA No. 23-1024.13

Expiration Date: 06/10/2026

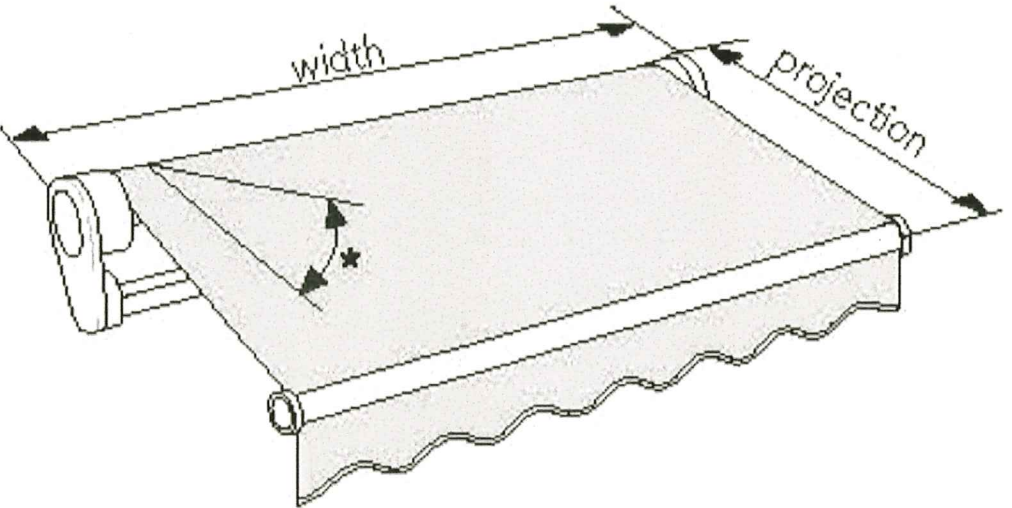
Approval Date: 12/28/2023

GENERAL NOTES:

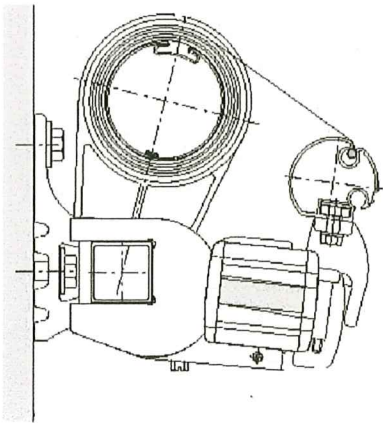
1. THIS RETRACTABLE AWNING SYSTEM HAS BEEN VERIFIED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EDITION 2023 EDITION 8TH AND PROTOCOL TEST FOR H.V.H.Z, TAS 202. THIS RETRACTABLE AWNING IS NOT PART OF THE BUILDING ENVELOPE, IMPACT RESISTANCE IS NOT REQUIRED.
2. THIS RETRACTABLE AWNING SYSTEM MUST BE FULLY RETRACTED FOR ANY WIND SPEED ABOVE 45 MPH
3. THIS RETRACTABLE AWNING SYSTEM DRAWINGS ARE GENERAL AND CANNOT BE MODIFY, FOR SITE SPECIFIC IS REQUIRED SHOP DRAWINGS AND CALCULATIONS BY FLORIDA LICENSE ENGINEER
4. THIS PRODUCT APPROVAL DOCUMENTS WILL BE VALID ONLY WHEN IT MEETS THE FOLLOWING TERMS:
-PLANS SHALL BE SIGNED & SEALED BY THE ENGINEER OF RECORD.
-NO MODIFICATIONS AND/OR ALTERATIONS MAY BE MADE BY ANY MEANS.
5. ANCHORS NOTES:
5.1 ALL ANCHORS IN PERMANENT CONTACT WHIT PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD
5.2 WOOD, CONCRETE AND STEEL ANCHORS SHALL BE AS PER FASTENER SCHEDULE SHOWN ON SHEET 2 OF 4, ANY SITE DISCREPANCIES MUST BE NOTIFY AT ENGINEER OF RECORD
6. ALL BRACKET ARE 6063-T6 ALUMINUM ALLOY AND TEMPER
7. CONTRACTOR SHALL BE RESPONSIBLE FOR:
-VERIFY THE EXISTING CONDITIONS OF THE STRUCTURE WHERE THIS RETRACTABLE AWING SYSTEM WILL BE INSTALLED TO PREVENT ANY DAMAGE TO EXISTING STRUCTURE.
-SEAL ALL COMPONENTS AROUND EDGES IN CONTACT WITH THE STRUCTURE TO PREVENT ANY DAMAGE DUE TO WIND AND RAIN
-SELECT THE PROPER TYPE OF INSTALLATION TO PROVIDE APPROPRIATE WORK INCLUDING LIFE SAFETY OF THIS PRODUCT.
-IF IN ANY CASE CONTRACTOR NEEDS TO MADE ANY MODIFICATION CONTRACTOR SHOULD COMMUNICATE IMMEDIATELY TO ENGINEER OF RECORD BEFORE ANY ACTION.
8. THIS PRODUCT APPROVAL DOCUMENTS WAS NOT PREPARED FOR A SPECIFIC SITE.
9. THIS SYSTEM SHALL COMPLY WITH THE SPECIFICATIONS INDICATED IN THIS APPROVAL DOCUMENT PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE GOVERNMENT AGENCY WITH JURISDICTION IN THE LOCATION WHERE THIS AWNING WILL BE INSTALL.



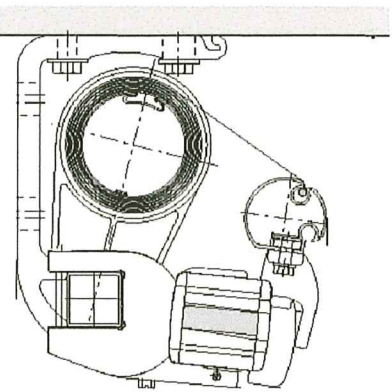
RS RETRACTABLE AWNING ELEVATION



RS RETRACTABLE AWNING DIMS



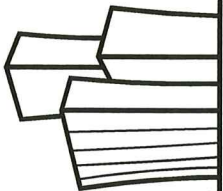
WALL BRACKET CONNECTION



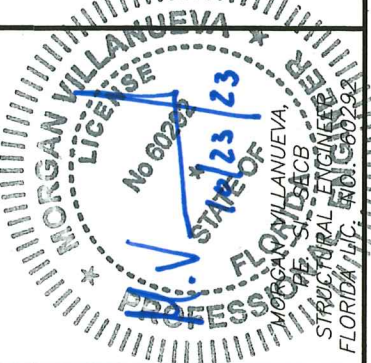
CEILING BRACKET CONNECTION

RS RETRACTABLE AWNING

ROLLINGSHIELD INC.		DATE
PHONE (305) 438-6661 FAX (305) 438-5523	9875 NW 79th AVE	10-23-23
Hialeah Gardens, FL 33016		
www.rollingshield.com		
REV. No	DESCRIPTION	
1	F.B.C. 2023, 8TH EDITION	
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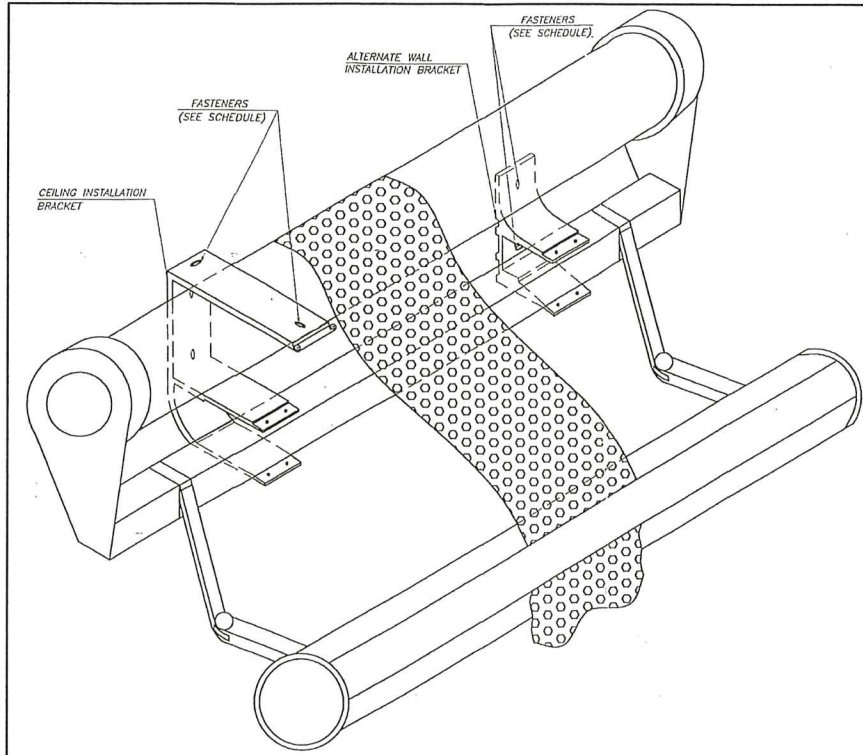
V.M. Engineering Inc.
Registry No. 27633
11278 S.W. 153rd Place
MIAMI, FLORIDA 33196
TEL: 786-281-6968



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1024.13
Expiration Date 06/10/2026
By *Hedya A. Alkhatib*
Miami Dept. Product Control

MIAMI - DADE COUNTY

SCALE:	
DATE:	10-23-23
F.B.C.	
(High Velocity Hurricane Zone)	
DWG No:	57-2023 (RSRA)
SHEET	1 OF 4



MAXIMUM DESIGN PRESSURE
OPEN: 5.8 psf ALLOWABLE (45 MPH WIND-SPEED), ASSUMING ZONE 3
CLOSE: 70 psf ALLOWABLE (175 MPH WIND-SPEED), ASSUMING ZONE 3

MAXIMUM AWING HEIGHT =25.0 FT ABOVE GRADE
EXPOSURE D AND RISK CATEGORY II

AWING MUST BE RETRACTED TO CLOSE POSITION FOR ANY WINDSPEED EXCEEDING 45 MPH

AWNING FRAME SUPPORT REQUIREMENTS

AWNING WIDTH	RETRACTABLE SUPPORT ARMS REQUIRED	WALL CONNECTION BRACKETS REQUIRED
UP TO 18 FT	2	5
18 FT TO 24 FT	3	6

139" MAXIMUM RETRACTABLE AWING PROJECTION

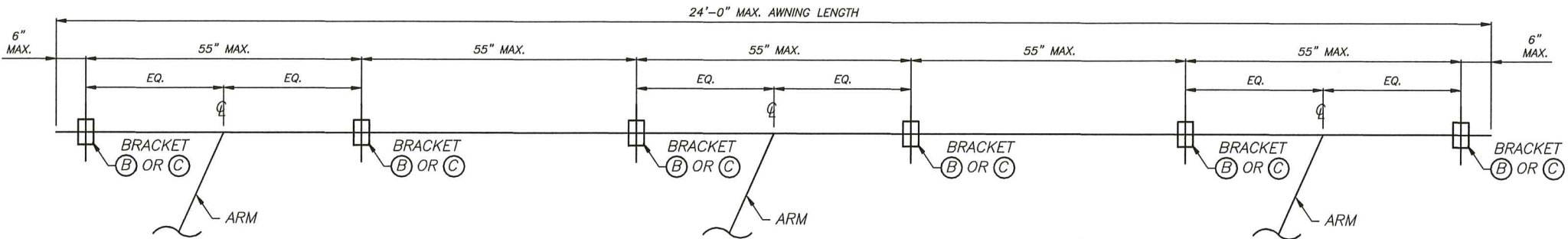
FIRST AND LAST BRACKET AT 6" FROM ENDS AND 6" FROM EACH SIDE OF EACH ARM

FASTENERS SCHEDULE *

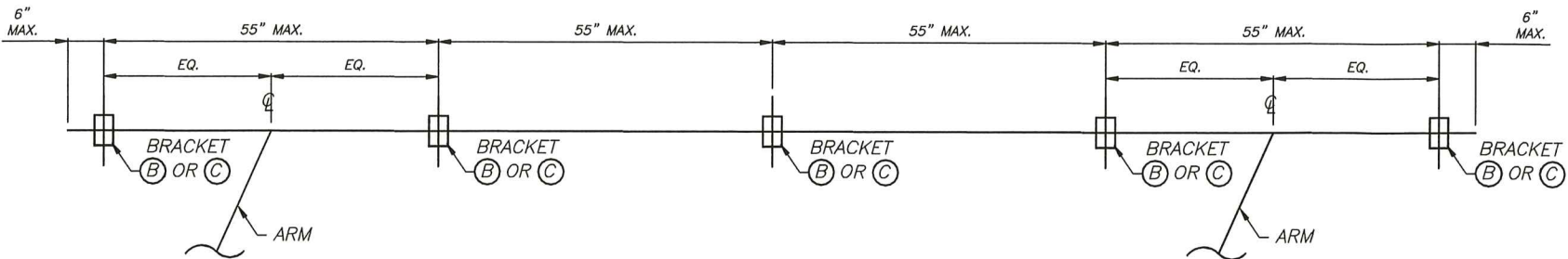
SUBSTRATE TYPE	FASTENER TYPE
POURED CONCRETE W/ $f'c=3,000$ psi Min.	3/8"Ø TITEN HD ANCHORS FROM SIMPSON STRONG W/ 3" MIN. EMBEDMENT OR APPROVED EQUAL
CONCRETE BLOCK WHIT GROUT FILL CELLS W/ $f'c=1,500$ psi Min.	3/8"Ø TITEN HD ANCHORS FROM SIMPSON STRONG W/ 3 1/2" MIN. EMBEDMENT OR APPROVED EQUAL
WOOD (MIN. 2"X8" DOUBLE FRAMING), SOUTHER PINE No.2 G=0.55 MIN., EQUAL OR GREATER	3/8"Ø LAG SCREWS W/ 1 3/4" MIN. EMBEDMENT INTO WOOD MEMBER OR APPROVED EQUAL
GRADE A36 STEEL (MIN. 1/4" THICK)	3/8"Ø - A325 BOLTS WHIT NUT AND LOCK WASHERS OR APPROVED EQUAL

* MIN. 2 FASTENERS AT CEILING & WALL MOUNTING INSTALLATIONS

MINIMUM EDGE DISTANCE FOR CONCRETE/BLOCK FASTENERS IS 4" & 2" FOR WOOD & STEEL FASTENERS



BRACKETS AND ARMS LAYOUT FOR AWNINGS BETWEEN 18' TO 24' LENGTH

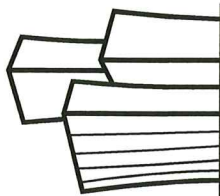


BRACKET AND ARM LAYOUT FOR AWNINGS UP TO 18' LENGTH

RS RETRACTABLE
AWNING

ROLLINGSHIELD INC.
PHONE (305) 436-6661 FAX (305) 436-5523
9875 NW 79th AVE
Hialeah Gardens, FL 33016
www.rollingshield.com

REV. No	DESCRIPTION	DATE
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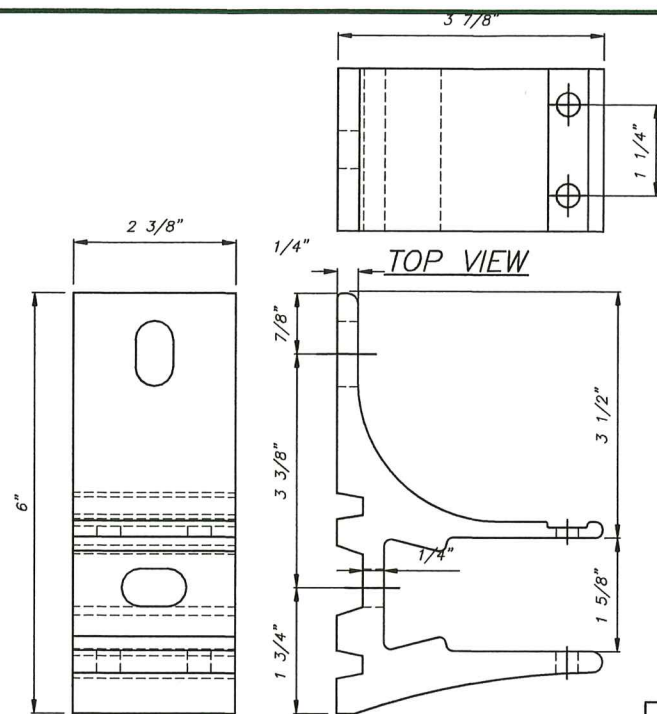
V.M. Engineering Inc.
Registry No. 27633
11278 S.W. 153rd Place
MIAMI, FLORIDA 33196
TEL: 786-281-6968



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. _____
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By: *[Signature]*
Miami Dept. Product Control

MIAMI-DADE COUNTY

SCALE:
DATE: 10-23-23
F.B.C.
(High Velocity Hurricane Zone)
DWG No: 57-2023 (RSRA)
SHEET 2 OF 4



FRONT VIEW

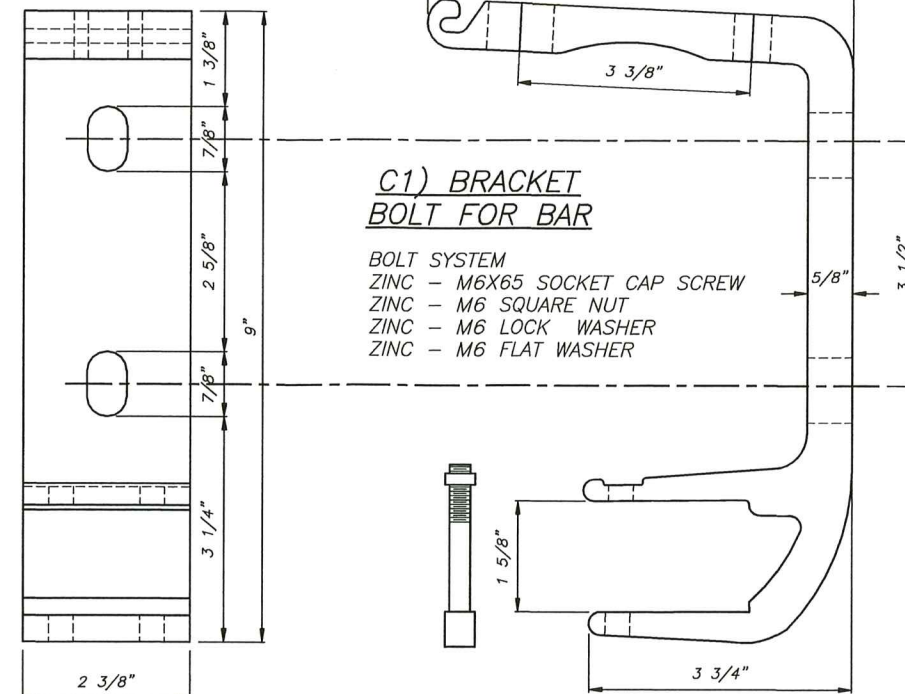
SIDE VIEW

B) WALL BRACKET

C1) BRACKET
BOLT FOR BAR



BOLT SYSTEM
ZINC - M6X65 SOCKET CAP SCREW
ZINC - M6 SQUARE NUT
ZINC - M6 LOCK WASHER
ZINC - M6 FLAT WASHER



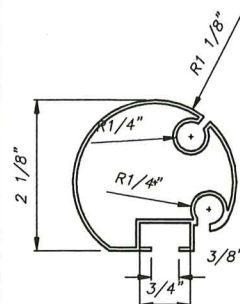
FRONT VIEW

SIDE VIEW

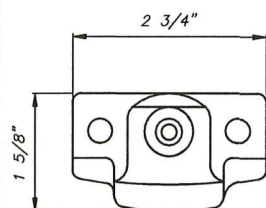
C) CEILING BRACKET
(WALL BRACKET ALTERNATIVE)

C1) BRACKET
BOLT FOR BAR

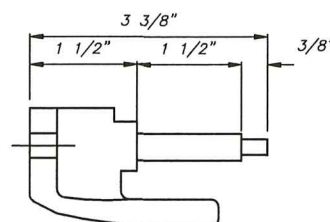
BOLT SYSTEM
ZINC - M6X65 SOCKET CAP SCREW
ZINC - M6 SQUARE NUT
ZINC - M6 LOCK WASHER
ZINC - M6 FLAT WASHER



D) DROP BAR



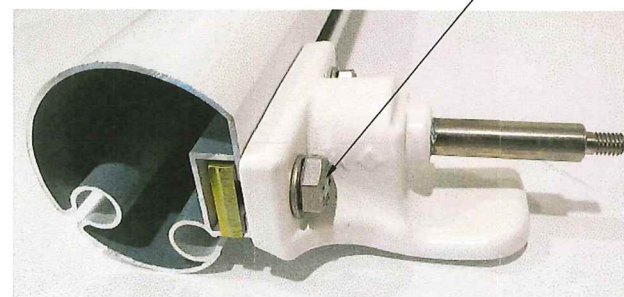
FRONT VIEW



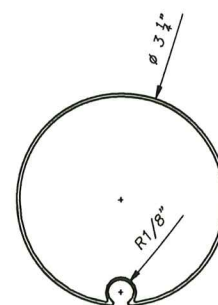
SIDE VIEW

E) FRONT ARM BOLT INSERT

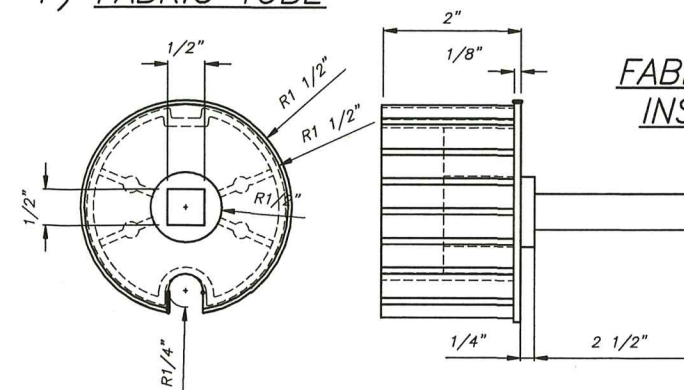
DROP BAR, FRONT ARM BOLT INSERT AND
ADAPTER FRONT BAR ASSEMBLY



BOLT SYSTEM
ZINC - M6X20 HEX CAP SCREW
ZINC - M6 FLAT WASHER
ZINC - M6X20 SQUARE NUT



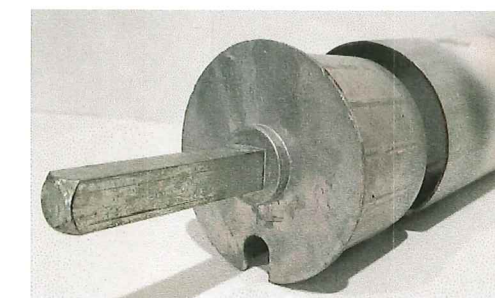
F) FABRIC TUBE



FRONT VIEW

SIDE VIEW

G) FABRIC TUBE INSERT
WHIT SQUARE BOLT

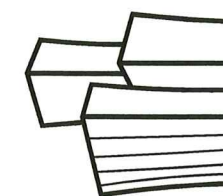


FABRIC TUBE & FABRIC TUBE
INSERT WHIT SQUARE BOLT
ASSEMBLY

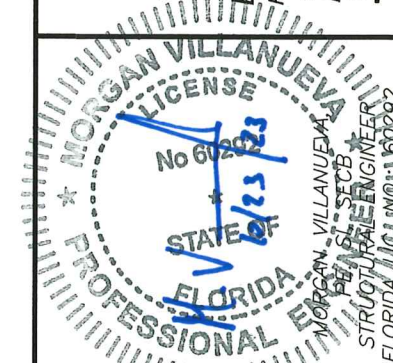
RS RETRACTABLE AWNING

ROLLINGSHIELD INC.
PHONE (305) 436-6661 FAX (305) 436-5523
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11278 S.W. 153rd Place
MIAMI, FLORIDA 33196
TEL: 786-281-6968



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No.
Expiration Date
By *Morgan Villanueva*
Miami District Product Control

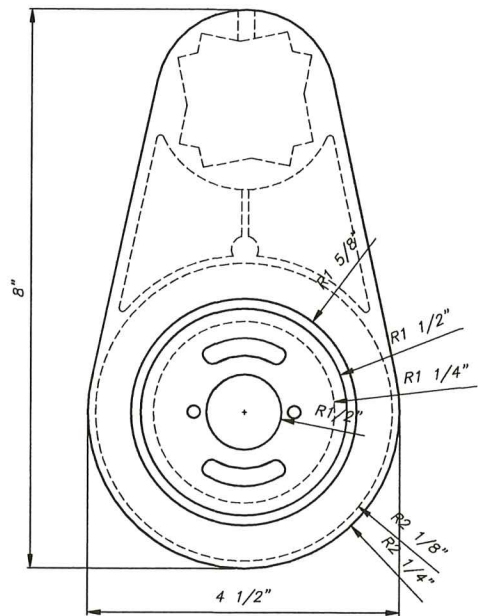
MIAMI-DADE COUNTY

SCALE:
DATE: 10-23-23

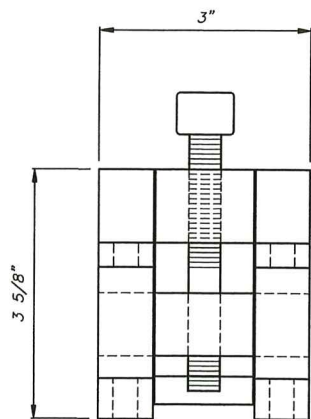
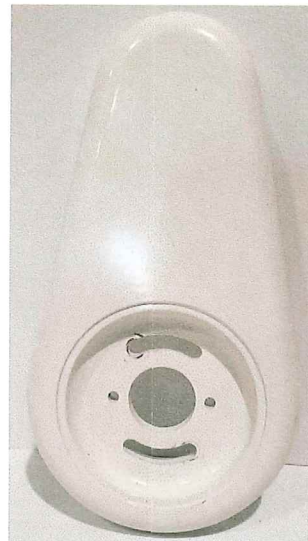
F.B.C.
(High Velocity Hurricane Zone)

DWG No: 57-2023 (RSRA)

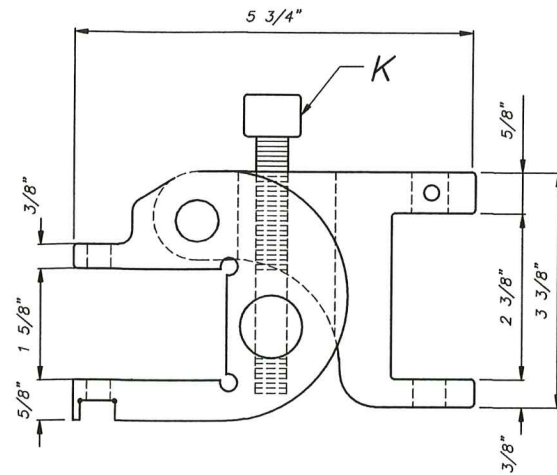
SHEET 3 OF 4



L) SIDE BARRING

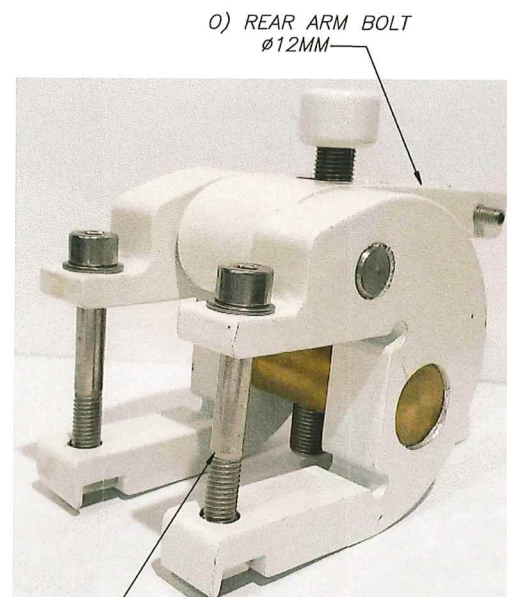


FRONT VIEW



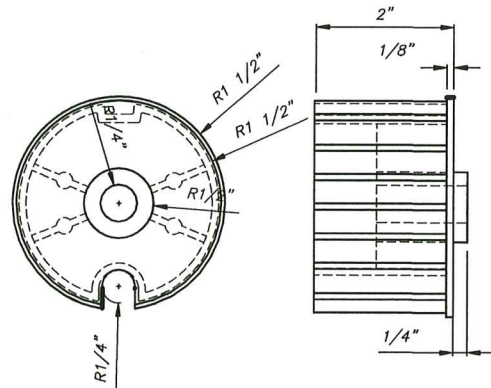
SIDE VIEW

J) ARM BRACKET
PITCH ADJUSTMENT



O) REAR ARM BOLT
Ø12MM

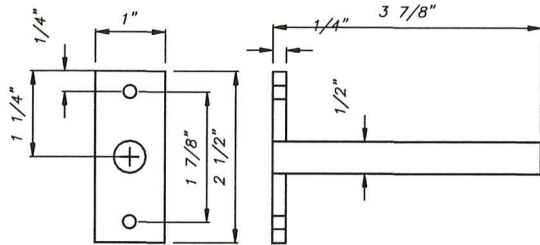
BOLT SYSTEM
ZINC - M6X65 SOCKET CAP SCREW
ZINC - M6 SQUARE NUT
ZINC - M6 LOCK WASHER
ZINC - M6 FLAT WASHER



FRONT VIEW

SIDE VIEW

Q) FABRIC TUBE INSERT
WHIT BUSHING

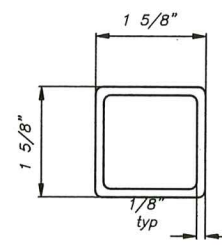


FRONT VIEW

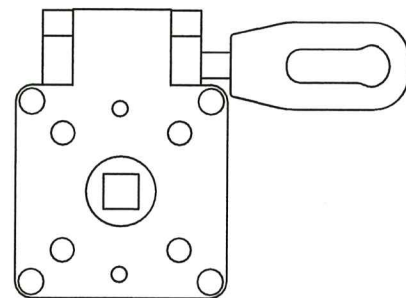
SIDE VIEW

P) OUTER BEARING Ø12MM

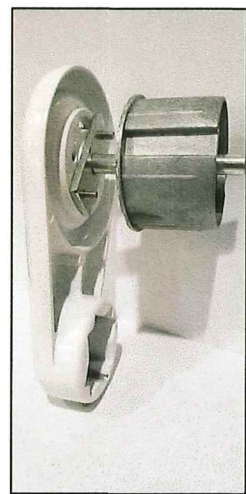
PART LIST



M) SQUARE BAR
CARRIER



H) GEAR



R) ALTERNATE
ROLLINGSHIELD MOTOR

BOLT SYSTEM
ZINC - 2-M6X20
HEX HEAD SCREW

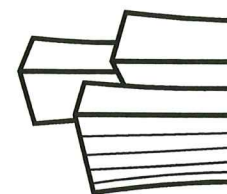
FABRIC TUBE INSERT, OUTER
BEARING & SIDE BEARING
ASSEMBLY

PART	DESCRIPTION
A) AWNING	WOVEN FABRIC, MADE OF 100% ACRYLIC FIBER, 9.25 OZ PER SQUARE YARD SUNBRELLA @SHADE FABRICS WALL BRACKET
B) WALL BRACKET	ALUMINUM 6063-T6 ALLOY AND TEMPER - EXTRUDED
C) CEILING BRACKET/ WALL BRACKET ALTERNATIVE	ALUMINUM 6063-T6 ALLOY AND TEMPER - EXTRUDED
D) DROP BAR	6063-T6 ALLOY AND TEMPER - EXTRUDED
E) FRONT ARM BOLT INSERT	6063-T6 ALLOY AND TEMPER - EXTRUDED WHIT BOLT INSERT
F) FABRIC TUBE	78mm Ø 20 GA. GALVANIZED STEEL TUBE, GRADE 30-ASTM A-653 G90
G) FABRIC TUBE INSERT	78mm Ø 20 GA. GALVANIZED STEEL TUBE, GRADE 30-ASTM A-653 G90 W/SQUARE BOLT
H) GEAR	ALUMINUM - W/OUT LIMITS 7:1 TURNS
J) ARM BRACKET - PITCH ADJUSTMENT	6063-T6 ALLOY AND TEMPER - EXTRUDED W/ 3/8" UNIVERSAL SCREW AND PINS
K) ADJUSTER BOLT	1/2"X4" DOUBLE THREADED BOLT
L) SIDE BEARING	6063-T6 ALLOY AND TEMPER - EXTRUDED
M) SQUARE BAR	40mm X 1/8" ALUMINUM 6063-T6 ALLOY & TEMPER - EXTRUDED
N) ARM	6063-T6 ALLOY AND TEMPER - EXTRUDED WHIT INTERNAL SPRINGS AND TENDONS IN BRONZE BUSHINGS, 154 MAX PROJECTION
O) REAR ARM BOLT	Ø12mm, LENGTH= 85mm ALUMINUM PIN
P) OUTER BEARING	Ø12mm, ZINC PLATED - ATTACHED TO SIDE BEARING WHIT M6X25 HEX CAP SCREW
Q) FABRIC INSERT TUBE	Ø78mm, 20 GA GALVANIZED STEEL TUBE, GRADE 30-ASTM A-635 G90
R) MOTOR	ROLLINGSHIELD 550RTS/610RTS 120/240v 50NM 2.4 Amps

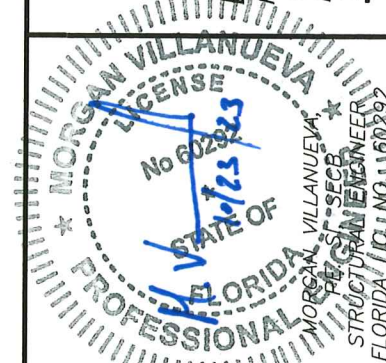
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Expiration Date
By: *[Signature]*
Miami Dade Product Control

MIAMI - DADE COUNTY

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DATE: 10-23-23

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(High Velocity Hurricane Zone)

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SHEET 4 OF 4