



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)

Sunesta Products
6500 Youngerman Circle
Jacksonville, Florida 32244

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: Sunesta Retractable Awning

APPROVAL DOCUMENT: Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated October 17, 2013, last revised on March 26, 2024, signed and sealed by Scott Wolters, P.E., on March 26, 2024, 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 #22-0613.07 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
05/30/24

NOA No. 24-0401.03
Expiration Date: 06/12/2029
Approval Date: 05/30/2024

Sunesta Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-1104.18

A. DRAWINGS

1. *Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated 10/17/2013, signed and sealed by Scott Wolters, P.E., on 05/20/2014.*

B. TESTS

1. *Test Report # D0519.01-450-18, per Custom Dry Dynamic Wind Test, prepared by Architectural Testing, dated 10/24/13 revised on 03/19/14, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Calculations titled "Sunesta Retractable Awnings", prepared by Wolters Engineering, 4 pages, dated October 22, 2013, signed and sealed by Scott Wolters, P.E., on 10/22/2013.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0612.03

A. DRAWINGS

1. *Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated October 17, 2013, signed and sealed by Scott Wolters, P.E., on June 12, 2015.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

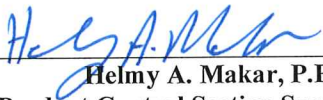
E. MATERIAL CERTIFICATIONS

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-1004.07

A. DRAWINGS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0401.03
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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.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2017 Edition compliance letter, dated 02/12/2019 issued by Wolters Engineering, signed and sealed by Scott Wolters, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 22-0613.07

A. DRAWINGS

1. *Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated October 17, 2013, signed and sealed by Scott Wolters, P.E., on May 02, 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.*

F. STATEMENTS

1. *FBC, 2020 Edition compliance letter, dated 05/02/2022 issued by Wolters Engineering, signed and sealed by Scott Wolters, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0401.03
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Approval Date: 05/30/2024

Sunesta Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated October 17, 2013, last revised on March 26, 2024, signed and sealed by Scott Wolters, P.E., on March 26, 2024.*

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

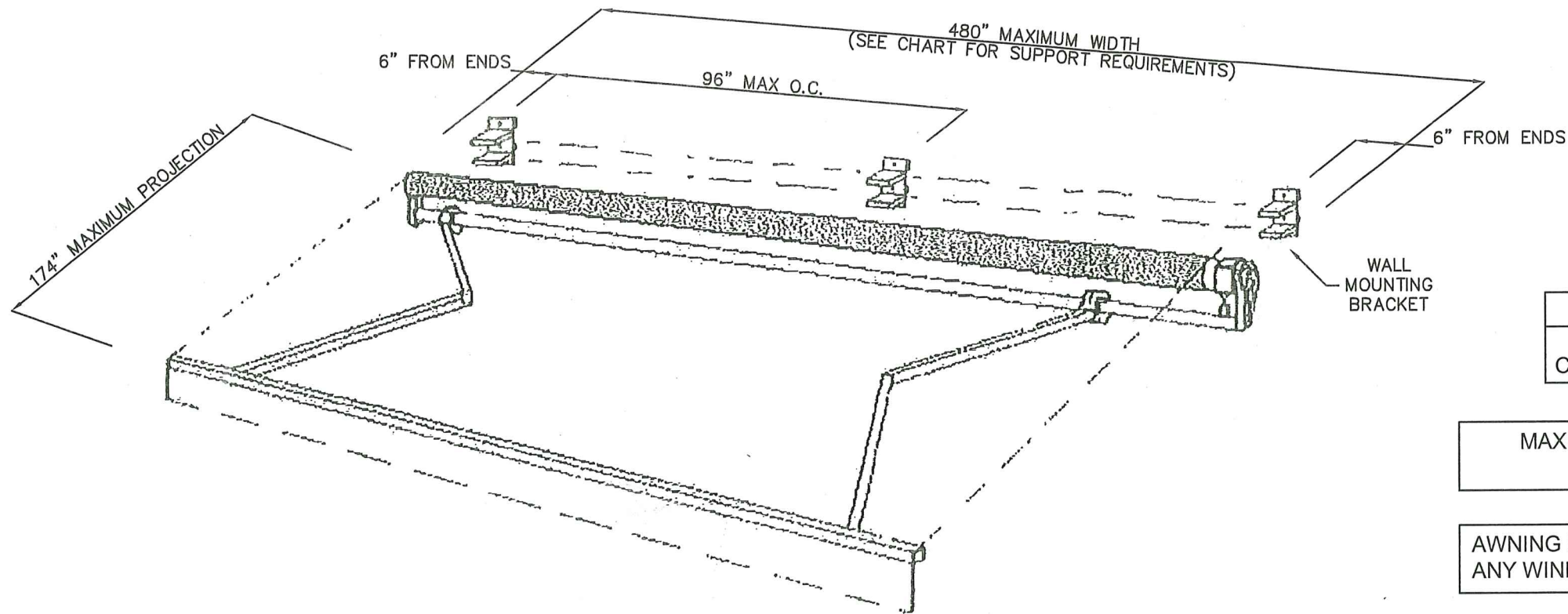
1. *None.*

F. STATEMENTS

1. *FBC, 2023 Edition compliance letter, dated 03/26/2024 issued by Wolters Engineering, signed and sealed by Scott Wolters, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0401.03
Expiration Date: 06/12/2029
Approval Date: 05/30/2024



STANDARD ELEVATION

MAXIMUM DESIGN PRESSURE
 OPEN: 5.8 PSF (45 MPH WINDSPEED)
 CLOSED: 49.5 PSF (175 MPH WINDSPEED)

MAXIMUM AWNING HEIGHT = 25 FT ABOVE GRADE
 EXPOSURE D AND RISK CATEGORY II

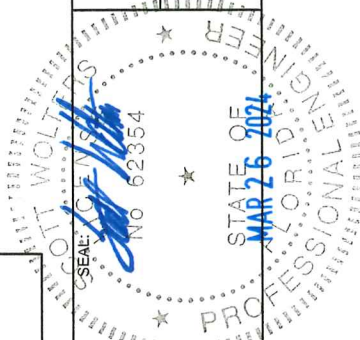
AWNING MUST BE RETRACTED TO CLOSED POSITION FOR
 ANY WIND EVENT WITH WINDSPEEDS EXCEEDING 45 MPH.

| AWNING FRAME SUPPORT REQUIREMENTS | | | |
|-----------------------------------|-----------------------------------|----------------------------|----------------------------------|
| AWNING WIDTH | RETRACTABLE SUPPORT ARMS REQUIRED | MOUNTING BRACKETS REQUIRED | CENTER SUPPORT BRACKETS REQUIRED |
| UP TO 10 FT | 2 | 2 | 0 |
| UP TO 16 FT | 2 | 3 | 0 |
| UP TO 18 FT | 2 | 4 | 0 |
| UP TO 21 FT | 2 | 4 | 1 |
| UP TO 26 FT | 3 | 5 | 1 |
| UP TO 32 FT | 4 | 6 | 2 |
| UP TO 40 FT | 4 | 7 | 2 |

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE. THIS SYSTEM IS NOT A PART OF THE BUILDING ENVELOPE, IMPACT RESISTANCE IS NOT REQUIRED.
2. THE AWNING MUST BE FULLY RETRACTED FOR ANY WIND EVENT WITH WINDSPEEDS EXCEEDING 45 MPH.
3. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT PRESSURE CANNOT EXCEED THE DESIGN PRESSURE LISTED ABOVE.
4. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
5. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
6. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 24-0401-03
 Expiration Date 06/12/2029
 By [Signature]
 Miami Code Product Control!

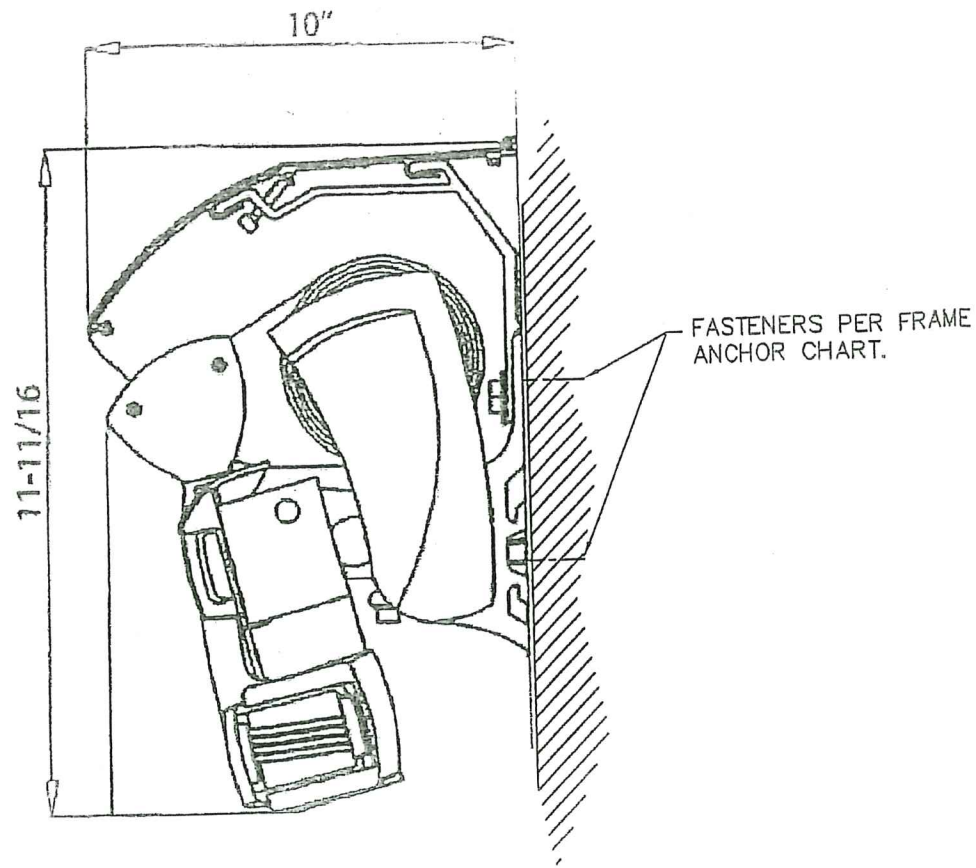


SCOTT WOLTERS
 FL PER 62354
 WOLTERS ENGINEERING
 (CO.# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412
 PH/FAX: (561) 225-1982

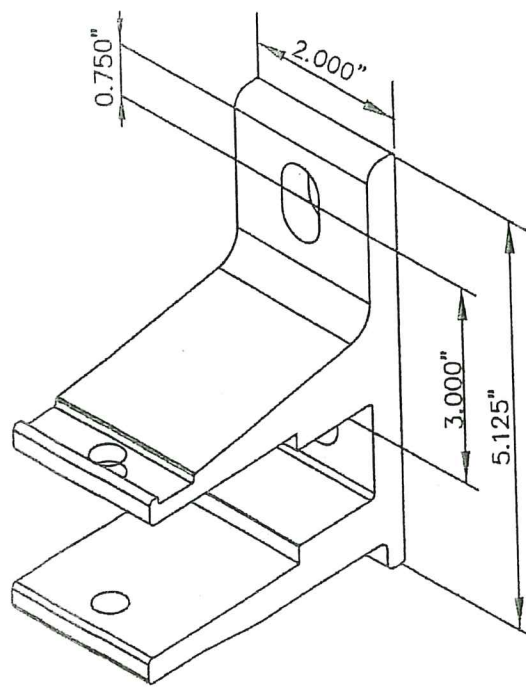
SUNESTA RETRACTABLE AWNING

SUNESTA PRODUCTS, LLC.
 11320 DISTRIBUTION AVE EAST
 JACKSONVILLE, FL 32256
 PH: (904) 268-8000
 FAX: (904) 260-4499
 www.sunesta.com

| REV# | DATE | DESCRIPTION |
|---------|----------|------------------------------|
| 3/26/24 | 10/17/13 | CODE UPDATE 1ST SUBMITTAL |
| | | PRINTS ISSUED FOR |



VERTICAL WALL ATTACHMENT (WITH OPTIONAL MOTOR AND HOOD)



WALL MOUNTING BRACKET

| FRAME ANCHOR CHART | | | | | |
|----------------------|---------------------------------|---|---------------|-----------------|---------------------|
| BRACKET TYPE | SUBSTRATE | FASTENER TYPE | SPACING (MIN) | EMBEDMENT (MIN) | EDGE DISTANCE (MIN) |
| WALL MOUNTED BRACKET | WOOD (S.G. = 0.5 MIN) | (2) 5/16" HH LAG SCREW (SAE GR 2 MIN) | 3" | 3" | 1 1/4" |
| | CONCRETE (3000 PSI MIN) | (2) 5/16" DIA. DEWALT ULTRACON | 5" | 1 3/4" | 2 1/4" |
| | GROUT FILLED CMU (ASTM C90 MIN) | (2) 5/16" DIA. DEWALT ULTRACON | 5" | 2 1/4" | 3 1/8" |
| | STEEL (36 Ksi, 1/8" MIN) | (2) 5/16" DIA. DRIL-FLEX OR F-TYPE SELF TAPPING SCREW | 2" | FULL | 3/4" |

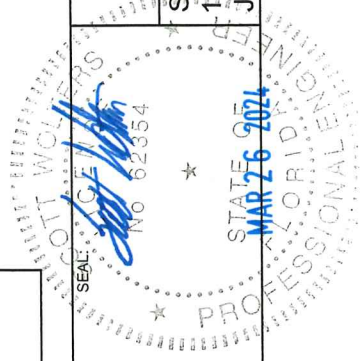
FASTENER NOTES:

1. ALL ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
2. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, SECTION 2003.8.4.
3. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.

BRACKET NOTES:

1. ALL BRACKETS ARE MADE FROM EXTRUDED ALUMINUM ALLOY 6063-T6 WITH POWDER COAT FINISH.
2. THE FASTENERS CONNECTING THE PITCHED ROOF BRACKET ARE 300 SERIES STAINLESS STEEL.
3. ALL ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
4. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, SECTION 2003.8.4.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No 24-0401.03
 Expiration Date 06/12/2029
 By *H. A. Miller*
 Miami Date Product Control



SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING
 (COA# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412
 PH/FAX: (561) 225-1982

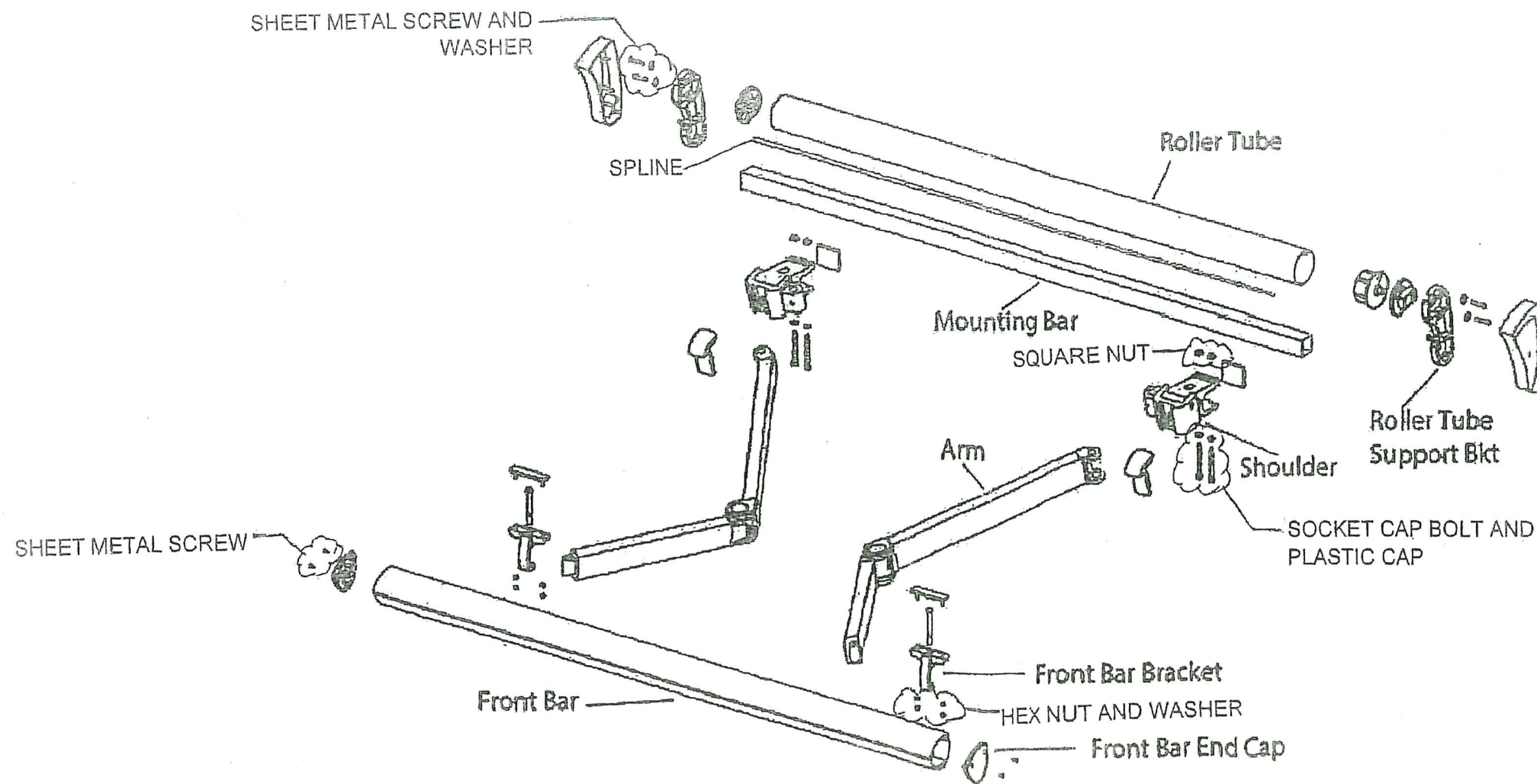
DWG: SUN-1
 SHEET: 2/3

SUNESTA RETRACTABLE AWNING

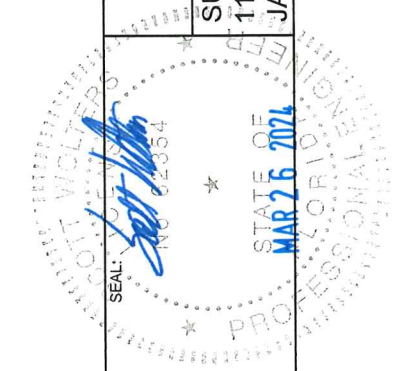
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| REV.# | DATE |
|-------------------|------|
| 10/17/13 | |
| PRINTS ISSUED FOR | |
| 1ST SUBMITTAL | |

| PARTS LIST | |
|---------------------|---|
| PART | DESCRIPTION |
| AWNING | 8.6 OZ 100% WOVEN ACRYLIC FABRIC. |
| MOUNTING BRACKET | A356 EXTRUDED ALUMINUM |
| MOUNTING BAR | 1 9/16" x 1 9/16" x 1/16" POWDER COATED STEEL SQUARE TUBE, 204" LONG, GRADE 33 |
| ROLLER TUBE | 3 3/8" DIA. 20 Ga. GALVANIZED STEEL ROUND TUBE, 204" LONG, GRADE 33-ASTM A-653 G90 |
| ROLLER TUBE SUPPORT | HIGH STRENGTH TECHNICALLY IMPROVED PLASTIC WITH STEEL BEARING PINS |
| SHOULDER | HIGH STRENGTH DROP-FORGED ALUMINUM ALLOY 6063-T6 |
| ARM | EXTRUDED ALUMINUM ALLOY 6063-T6 WITH INTERNAL SPRINGS AND TENDONS IN BRONZE BUSHINGS, 174" MAX PROTECTION |
| FRONT BAR BRACKET | HIGH STRENGTH DROP-FORGED ALUMINUM ALLOY 6063-T6 |
| FRONT BAR | EXTRUDED ALUMINUM ALLOY 6063-T6, 204" WIDE |
| SOCKET CAP BOLT | 300 SERIES STAINLESS STEEL 2 1/2"x1/4"-20 SOCKET CAP BOLT (ALLEN HEAD) |
| SQUARE NUT | 300 SERIES STAINLESS STEEL 1/4"x1/4"-20 SQUARE NUT |
| HEX BOLT | 300 SERIES STAINLESS STEEL 1 3/4"x3/8"-18 HEX BOLT |
| HEX NUT | 300 SERIES STAINLESS STEEL 3/8"x3/8"-18 HEX NUT |
| WASHER | 300 SERIES STAINLESS STEEL FOR 1/4" AND 3/8" BOLTS, 1 1/4" OD |
| SHEET METAL SCREW | 300 SERIES STAINLESS STEEL 3/16"x1" SHEET METAL SELF-DRILLING SCREW |
| SEALING WASHER | 300 SERIES STAINLESS STEEL WASHER 3/16" ID - 5/8" OD BONDED TO NEOPRENE |



PRODUCT REVISED
 as complying with the Florida
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 By *Healy A. Miller*
 Product Control



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 (COAH# 27194)
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DWG: SUN-1
 SHEET: 3/3

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