



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

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

SunModo Corporation
14800 NE 65th street
Vancouver, WA 98682

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: SMR SoloFlash, TopTile and Nano Aluminum Solar Mounts

APPROVAL DOCUMENT: Drawing No. **D10253**, titled "SoloFlash, TopTile and Nano Mount Installation", sheets 1 through 10 of 10, prepared by SunModo Corporation, dated 05/13/2022, signed and sealed by Paul K. Zacher, P.E. on 10/30/2023, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each box shall bear a permanent label with the manufacturer's name or logo, Chihuahua, Mexico and following statement: "Miami-Dade County Product Control Approved or MDCPCA", 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 # **23-0110.05** and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**




12/20/23

NOA No: 23-0918.10
Expiration Date: May 26, 2027
Approval Date: December 28, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 21-1025.03 and # 23-0110.05

A. DRAWINGS

1. Drawing No. **D10253**, titled “SoloFlash, TopTile and Nano Mount Installation”, sheets 1 through 10 of 10, prepared by SunModo Corporation, dated on 05/13/2022, signed and sealed by Paul K. Zacher, P.E. on 02/10/2023.

B. TESTS

1. Test report on Wind Driven Rain Resistance of the TopTile Mount per TAS 100(A)-95, prepared by Intertek, Test Report No. **P4027.01-109-18**, dated 01/05/2023, signed and sealed by Tanya A. Dolby, P.E.
2. Test report on Wind Driven Rain Resistance of the TopTile Mount per TAS 100(A)-95, prepared by Intertek, Test Report No. **P3361.01-109-18**, dated 01/03/2023, signed and sealed by Tanya A. Dolby, P.E.
3. Test report on Uplift and Shear Allowable Loads of the SoloFlash Mount per ASTM D7147-11, prepared by Intertek, Test Report No. **M4292.02-119-18 R0**, dated 07/19/2021, signed and sealed by Daniel C. Culbert, P.E.
4. Test report on Uplift and Shear Allowable Loads of the TopTile Mount per ASTM D7147-11, prepared by Intertek, Test Report No. **M4292.01-119-18 R0**, dated 07/19/2021, signed and sealed by Daniel C. Culbert, P.E.
5. Test report on Uplift and Shear Allowable Loads of the Nano Mount per ASTM D7147-11, prepared by Intertek, Test Report No. **M4292.03-119-18 R0**, dated 07/19/2021, signed and sealed by Daniel C. Culbert, P.E.
6. Test report on Wind Driven Rain Resistance of the SoloFlash Mount per TAS 100(A)-95, prepared by Intertek, Test Report No. **M4010.01-109-18**, dated 06/16/2021, signed and sealed by Daniel C. Culbert, P.E.
7. Test report on Wind Driven Rain Resistance of the TopTile Mount per TAS 100(A)-95, prepared by Intertek, Test Report No. **M4010.03-109-18**, dated 06/16/2021, signed and sealed by Daniel C. Culbert, P.E.
8. Test report on Wind Driven Rain Resistance of the Nano Mount per TAS 100(A)-95, prepared by Intertek, Test Report No. **M3870.02-109-18**, dated 06/16/2021, signed and sealed by Daniel C. Culbert, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by PZ Structural Engineers, dated 07/21/2021, signed and sealed by Paul K. Zacher, P.E.

D. MATERIAL CERTIFICATIONS

1. None.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No: 23-0918.10
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. QUALITY ASSURANCE

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

F. STATEMENTS

1. Statement letter of code conformance to the 7th edition (2020) of the FBC issued by PZ Structural Engineers, dated 07/21/2021, signed and sealed by Paul K. Zacher, P.E.
2. Statement letter of no financial interest issued by PZ Structural Engineers, dated 07/21/2021, signed and sealed by Paul K. Zacher, P.E.

2. New evidence submitted

A. DRAWINGS

1. Drawing No. **D10253**, titled “SoloFlash, TopTile and Nano Mount Installation”, sheets 1 through 10 of 10, prepared by SunModo Corporation, dated 05/13/2022, signed and sealed by Paul K. Zacher, P.E. on 10/30/2023.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by PZ Structural Engineers, dated 08/23/2023, signed and sealed by Paul K. Zacher, P.E.
2. Statement letter of no financial interest issued by PZ Structural Engineers, dated 07/11/2023, signed and sealed by Paul K. Zacher, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
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SOLOFLASH RAFTER MOUNT STRUCTURAL MEMBER SPECIFICATION:

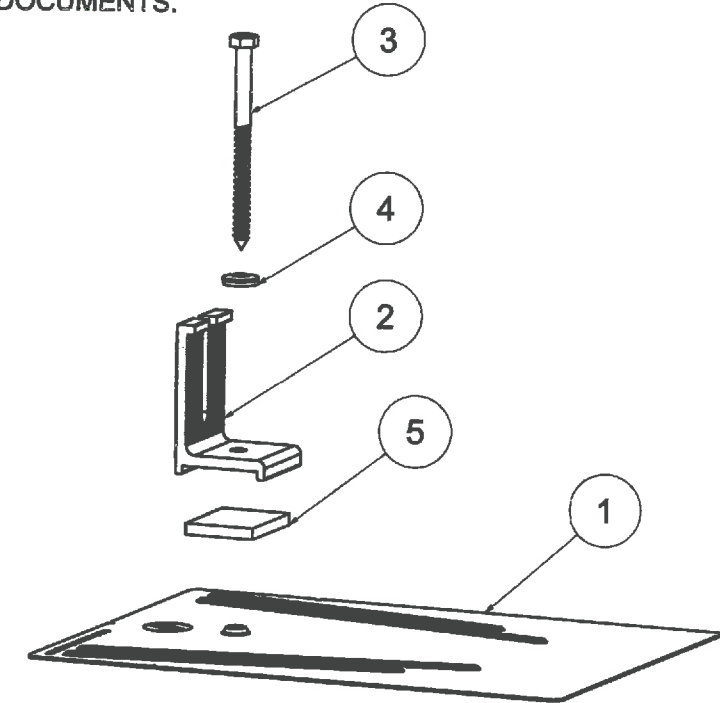
MINIMUM WOOD GRADE = SPF #2
MINIMUM SPECIFIC GRAVITY = 0.42

FASTENER = 5/16" LAG SCREW
MINIMUM EMBEDMENT DEPTH = 2.5"

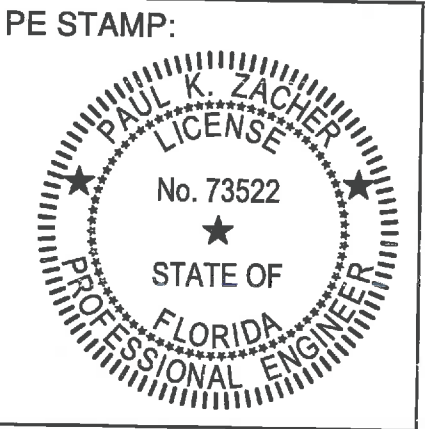
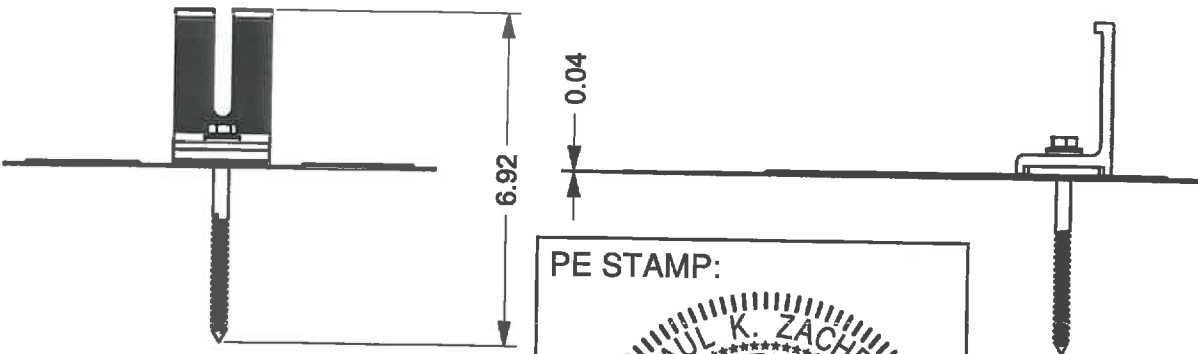
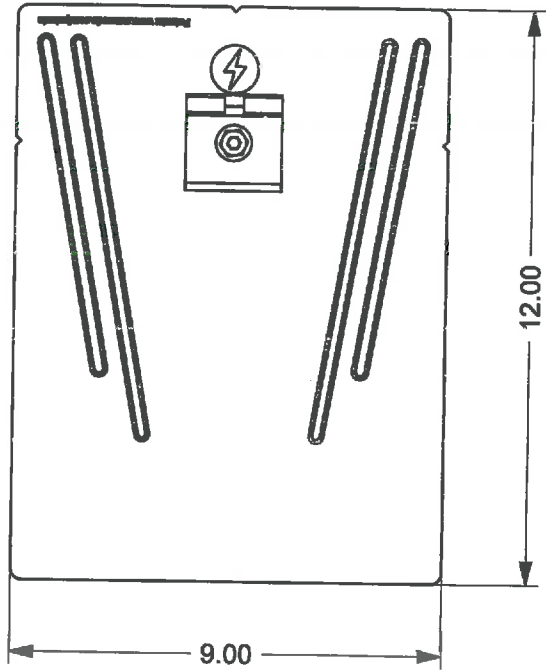
ALLOWABLE FASTENER UPLIFT = 545 lbs (FOS=3)
ALLOWABLE FASTENER LATERAL = 250 lbs (NDS)

MINIMUM FASTENER EDGE DISTANCE = 0.5"
MINIMUM FASTENER END DISTANCE = 2.2"

LIMITATION: ROOF ATTACHMENT SPACING SHALL NOT
RESULT IN REACTION LOADS THAT EXCEED THE
CAPACITY OF THE ROOF OR THE ATTACHMENT
PRODUCTS AS LISTED IN THIS DRAWING AND RELATED
DOCUMENTS.



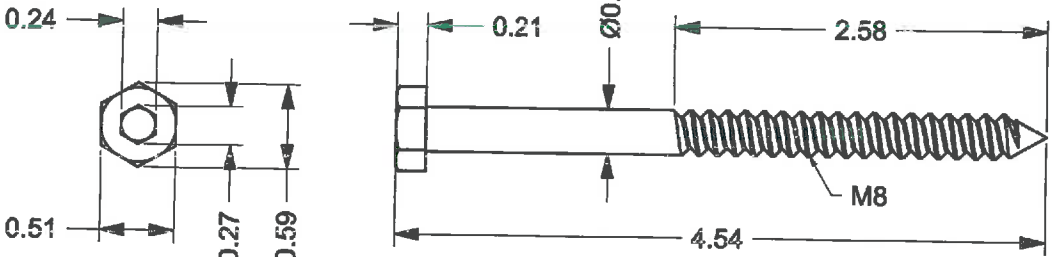
DETAIL, SOLOFLASH RAFTER MOUNT
K50538-BK3



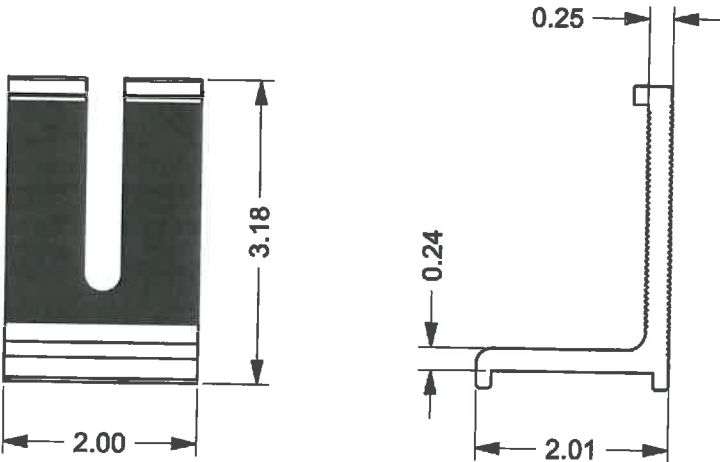
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0918.10
Expiration Date 05/26/2027
By *[Signature]*
Miami-Dade Product Control

LIMITATION: THIS NOA IS FOR THE ROOF MOUNTS ONLY.
PV MODULES/PANELS, CLAMPS AND RAILS HAVE NOT BEEN
TESTED; THEREFORE, THEY ARE NOT PART OF THIS NOA.

REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL RELEASE	05/13/2022
B	UPDATE TOPTILE MOUNT	01/25/2023
C	ADD CODE	08/22/2023



DETAIL, LAG BOLT
B10002-BK2



DETAIL, L-FOOT
A50236-BK3

K50538-BK3 PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
1	A50232-BK1	BLACK 9X12 FLASHING	ALUMINUM 6010-H18	1
2	A50236-BK3	BLACK SOLOFLASH OPEN L-FOOT	ALUMINUM 6005-T5	1
3	B10002-BK2	BLACK HEX LAG BOLT M8X110, DIN 571, 304 SS	STAINLESS STEEL	1
4	B15019-002	SEALING WASHER (ID .33 X OD.75 X T .17)	STAINLESS STEEL + EPDM	1
5	C50012-001	GASKET, EPDM, WITH ADHESIVE	EPDM	1

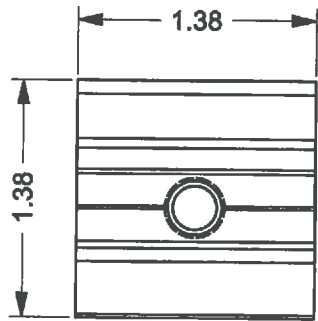
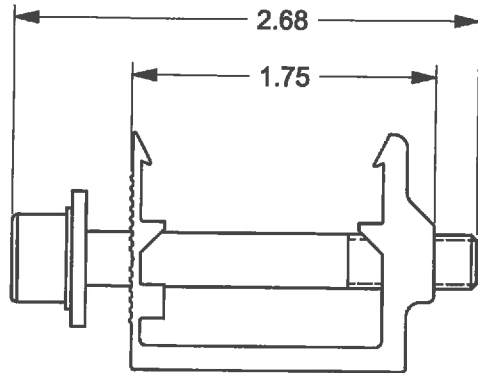
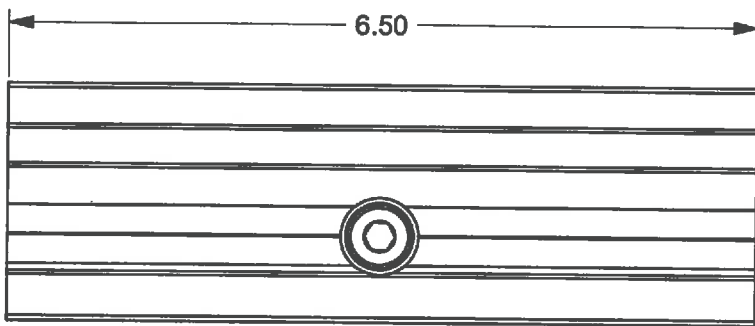
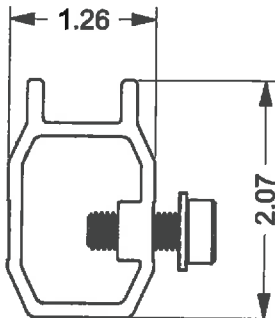
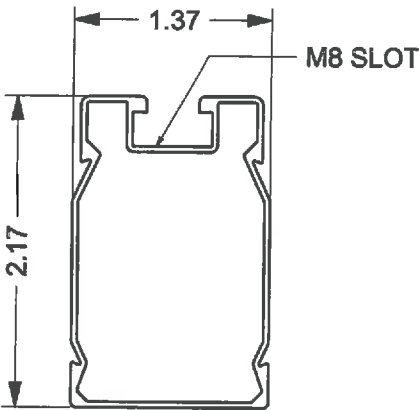
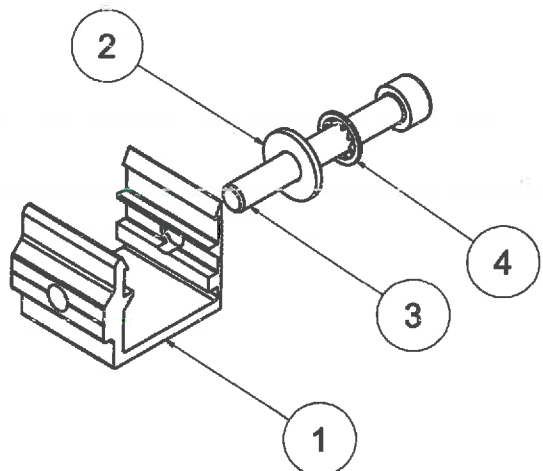
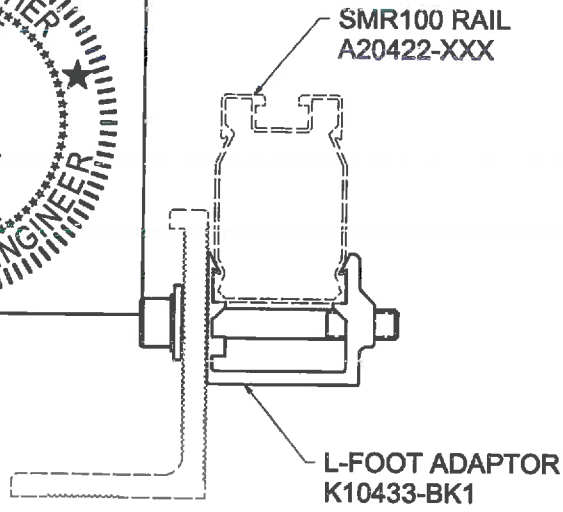
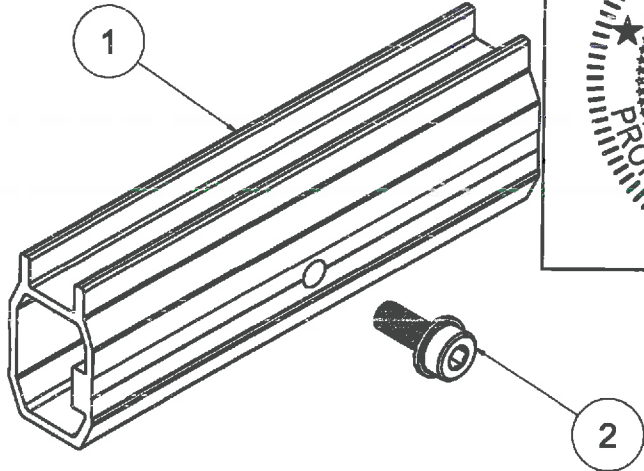
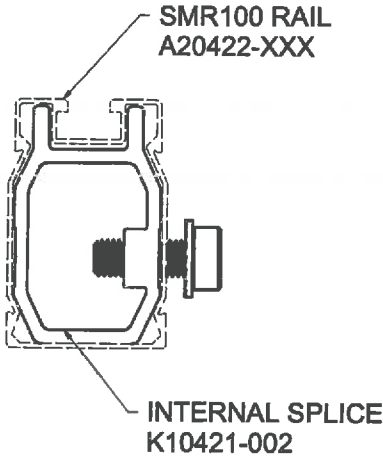
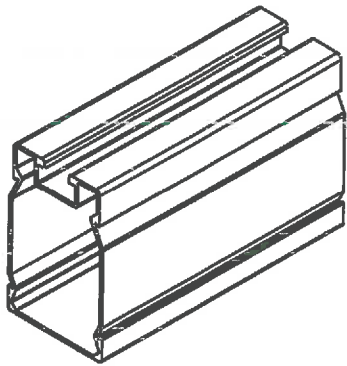
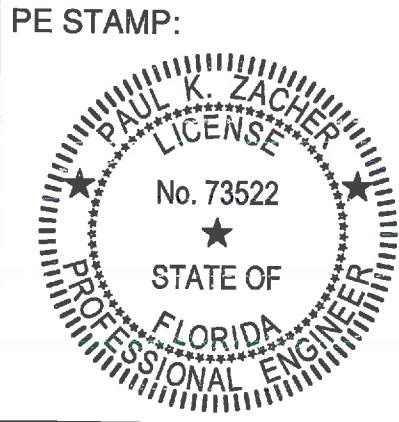
2023 FLORIDA BUILDING CODE, 8TH EDITION
ASCE 7 VERSION: ASCE 7-16 & 7-22

PE SIGNATURE: *[Signature]* PE DATE: 10/30/2023

SunModo Corp.
14800 NE 65TH STREET, VANCOUVER WA 98682

Phone: (360) 844-0048
info@sunmodo.com

TITLE			DRAWING NUMBER		REV
SOLOFLASH RAFTER MOUNT DETAIL			D10253		
UNITS: IN, LB, DEG	DATE: 05/13/2022	SHEET SIZE: D	SCALE: NTS	SHEET: 1 OF 10	



DETAIL, RAIL, SMR100
A20422

DETAIL, SPLICE, SMR100
K10421-002

DETAIL, L-FOOT ADAPTOR, SMR100
K10433-BK1

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as complying with the Florida
Building Code
NOA-No. 23-0918.10
Expiration Date 05/26/2027
By
Miami-Dade Product Control

K10421-002 PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
1	A20425-001	SMR100 STRUCTURE SPLICE, L=165mm	ALUMINUM 6005-T5	1
2	B10095-003	SERRATED-FLANGE SOCKET HEAD SCREW M8X20	STAINLESS STEEL	1

K10433-BK1 PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
1	A20424-BK1	BLACK SMR100 L-FOOT POP-ON CLIP	ALUMINUM 6005-T5	1
2	B10036-BK2	BLACK M8 FENDER WASHER	STAINLESS STEEL	1
3	B10054-BK6	BLACK SOCKET HEAD SCREW M8X60mm	STAINLESS STEEL	1
4	B50040-BK1	BLACK M8 INTERNAL-TOOTH LOCK WASHER	STAINLESS STEEL	1

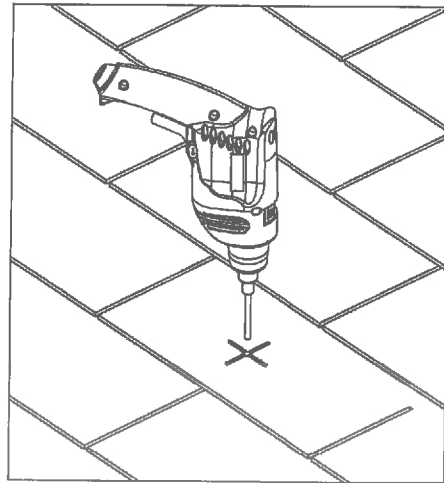
2023 FLORIDA BUILDING CODE, 8TH EDITION
ASCE 7 VERSION: ASCE 7-16 & 7-22

PE SIGNATURE:
PE DATE: 10/30/2023

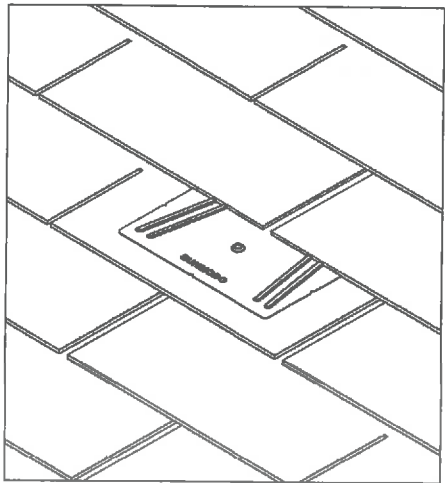
SunModo Corp.
14800 NE 65TH STREET, VANCOUVER WA 98682

Phone: (360) 844-0048
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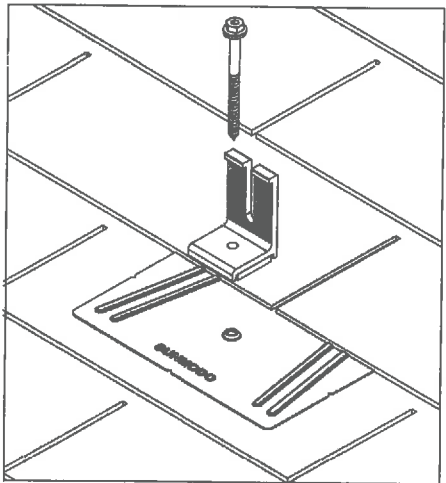
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SMR RAILS, SPLICES AND L-FOOT ADAPTORS			D10253		
UNITS: IN, LB, DEG	DATE: 05/13/2022	SHEET SIZE: D	SCALE: NTS	SHEET: 2 OF 10	C



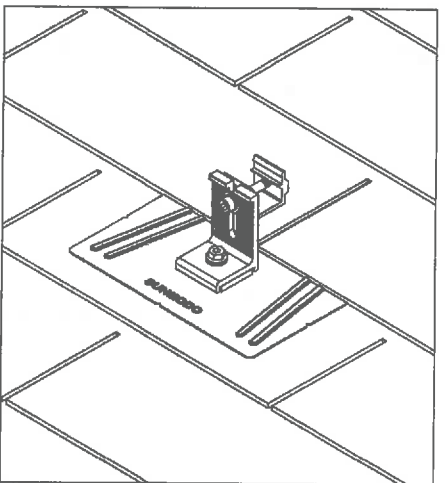
STEP 1:
FROM THE DESIRED RAFTER LOCATION, MOVE DOWN THE ROOF 2-1/4" FROM THE BOTTOM OF THE SHINGLE, AND DRILL THE PILOT HOLE FOR THE LAG BOLT WITH A 7/32" DRILL BIT. CLEAN SAWDUST AND FILL HOLE WITH ROOF COMPATIBLE SEALANT.



STEP 2:
USE A ROOFER BAR TO LIFT THE ROOF SHINGLE, SLIDE THE FLASHING UNDER THE SHINGLE. FOR ADDITIONAL WATER PROOFING APPLY A BEAD OF SEALANT UNDER THE FLASHING.



STEP 3:
PLACE THE L-FOOT ONTO THE FLASHING AND INSTALL THE 5/16" LAG BOLT.




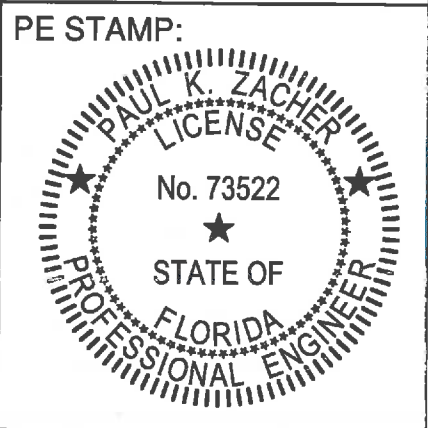
STEP 4:
USE THE L-FOOT ADAPTOR TO ATTACH THE RAIL TO THE SOLOFLASH AND TORQUE TO 10 FT-LBS.

2023 FLORIDA BUILDING CODE, 8TH EDITION ASCE 7 VERSION: ASCE 7-16 & 7-22	
PE SIGNATURE:	PE DATE: 10/30/2023

SunModo Corp. 14800 NE 65TH STREET, VANCOUVER WA 98682	Phone: (360) 844-0048 info@sunmodo.com

TITLE SOLOFLASH INSTALLATION			DRAWING NUMBER D10253		REV C
UNITS: IN, LB, DEG	DATE: 05/13/2022	SHEET SIZE: D	SCALE: NTS	SHEET: 3 OF 10	

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0918.10
Expiration Date 05/26/2027
By 
Miami-Dade Product Control



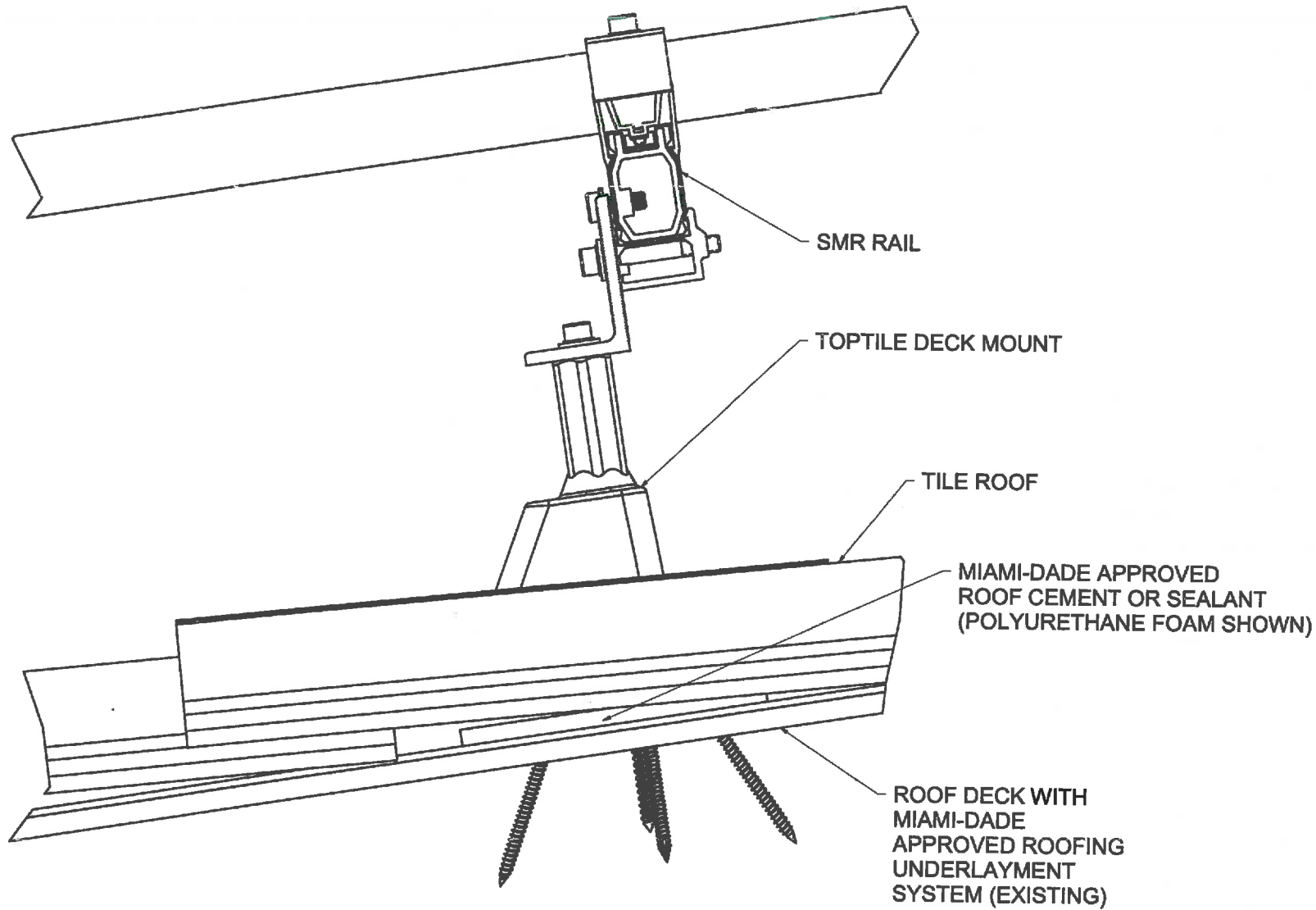
TOPTILE DECK SPECIFICATION:

(4) 1/4" X 7" SCREW S.S. WOOD SCREW, EMBED FULLY INTO DECK

MINIMUM DECK = 15/32"
TOTAL ALLOWABLE FASTENER UPLIFT = 316 lbs (FOS=3, 4 FASTENERS)
TOTAL ALLOWABLE FASTENER LATERAL = 29 lbs (FOS=3)

MINIMUM FASTENER EDGE DISTANCE = 0.375"
MINIMUM FASTENER END DISTANCE = 1.750"

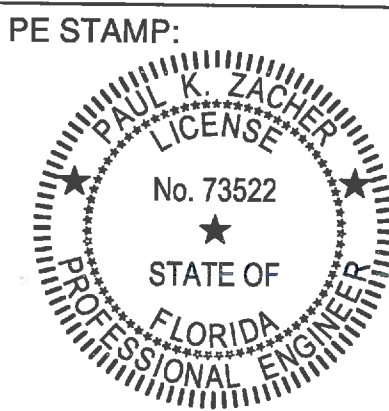
LIMITATION: ROOF ATTACHMENT SPACING SHALL NOT RESULT IN REACTION LOADS THAT EXCEED THE CAPACITY OF THE ROOF OR THE ATTACHMENT PRODUCTS AS LISTED IN THIS DRAWING AND RELATED DOCUMENTS. ROOF DECK ATTACHMENTS TO SUPPORTS MUST BE VERIFIED BY THE ENGINEER OF RECORD AT THE TIME OF CONSTRUCTION PERMIT.



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0918.10
Expiration Date 05/26/2027
By *[Signature]*
Miami-Dade Product Control

2023 FLORIDA BUILDING CODE, 8TH EDITION
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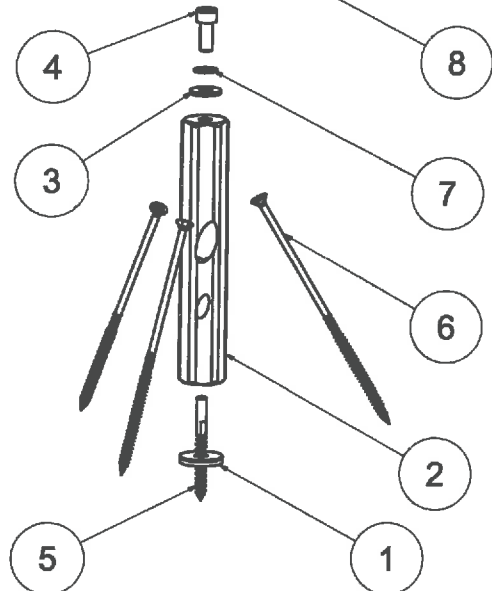
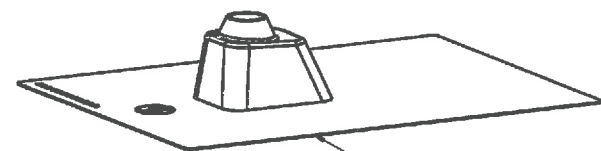
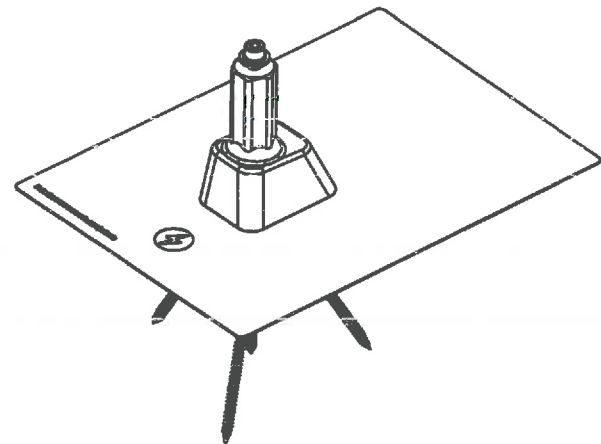
PE SIGNATURE: *[Signature]* PE DATE:
10/30/2023



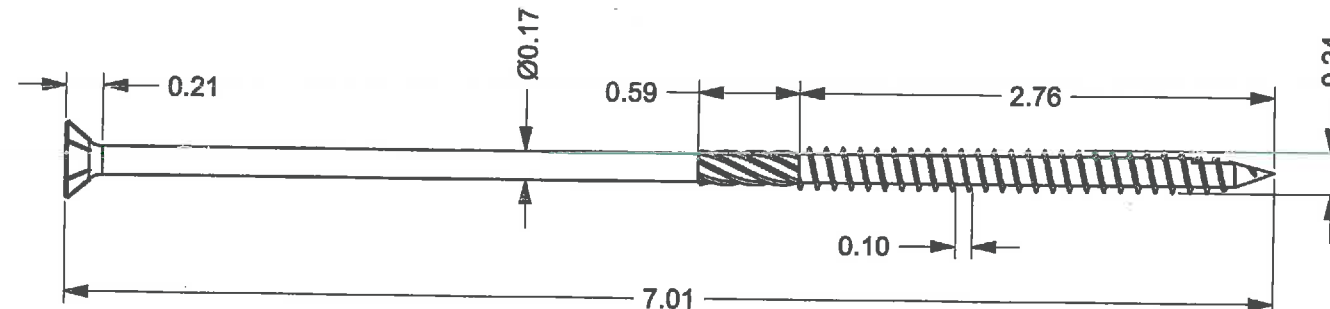
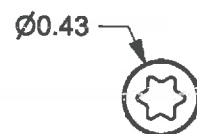
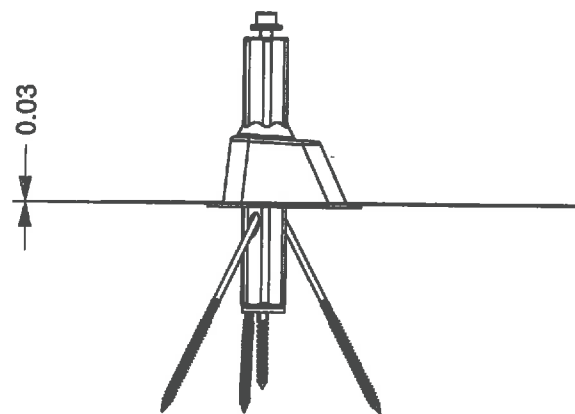
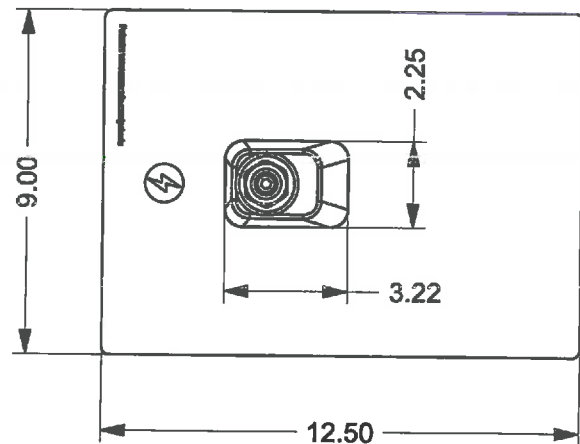
SunModo Corp.
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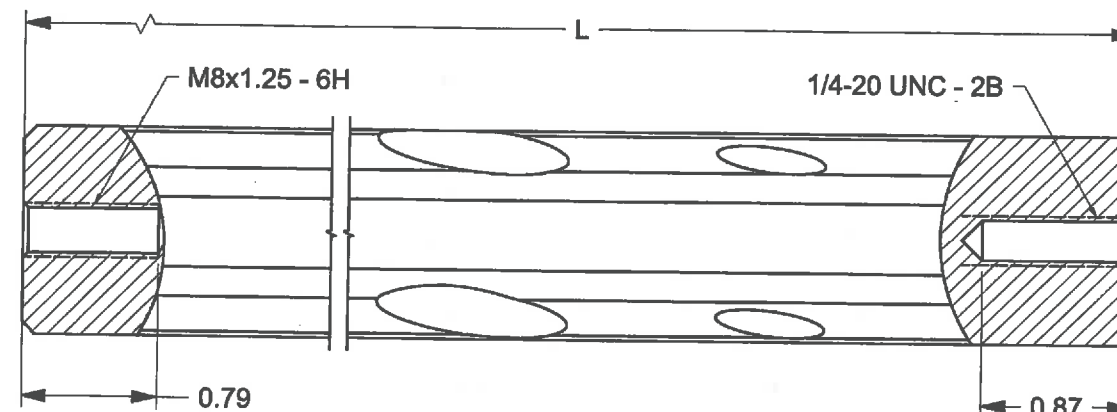
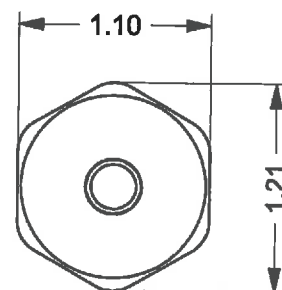
TITLE			DRAWING NUMBER		REV
TOPTILE DECK MOUNT ATTACHMENT DETAIL			D10253		
UNITS:	DATE:	SHEET SIZE:	SCALE:	SHEET:	C
IN, LB, DEG	05/13/2022	D	NTS	4 OF 10	



DETAIL, TOPTILE DECK MOUNT
K10461-XXX




DETAIL, WOOD SCREW
B15058-007



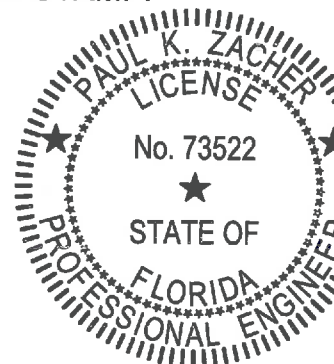
DETAIL, STANCHION
A20452-XXX

2023 FLORIDA BUILDING CODE, 8TH EDITION
ASCE 7 VERSION: ASCE 7-16 & 7-22

PE SIGNATURE:  PE DATE:
10/30/2023

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0918.10
Expiration Date 05/26/2027
By 
Miami-Dade Product Control

PE STAMP:



K10461-XXX PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
1	A20451-001	WASHER	ALUMINUM 6010 + SILICONE	1
2	A20452-XXX	HEX STANCHION, XXX" TOPTILE DECK	ALUMINUM 6005-T5	1
3	B10036-002	M8 FENDER WASHER(ID 8.4mm X OD 20mm X T 2.0mm)	STAINLESS STEEL	1
4	B10054-003	SOCKET HEAD SCREW M8X20mm	STAINLESS STEEL	1
5	B15054-001	HANGER BOLT 1/4X2.0	STAINLESS STEEL	1
6	B15058-007	#14 x 7" GOLD STAR GENERAL PURPOSE WOOD SCREWS	STAINLESS STEEL	3
7	B50040-001	M8 INTERNAL-TOOTH LOCK WASHER	STAINLESS STEEL	1
8	C10026-002(加闪电)	AL FLASHING WITH EPDM SEALANT COVER	ALUMINUM 6010 + EPDM	1

SunModo Corp.
14800 NE 65TH STREET, VANCOUVER WA 98682

Phone: (360) 844-0048
info@sunmodo.com

TITLE

TOPTILE DECK MOUNT

DRAWING NUMBER

D10253

REV

C

UNITS:

IN, LB, DEG

DATE:

05/13/2022

SHEET SIZE:

D

SCALE:

NTS

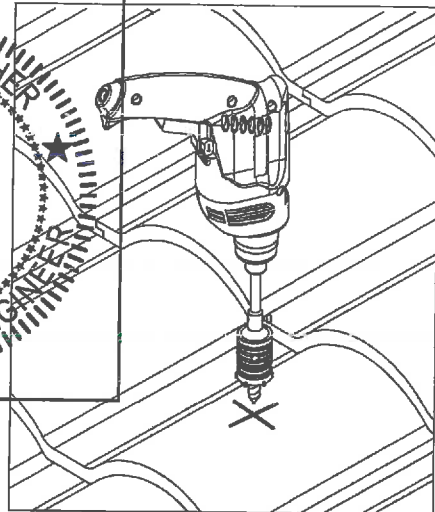
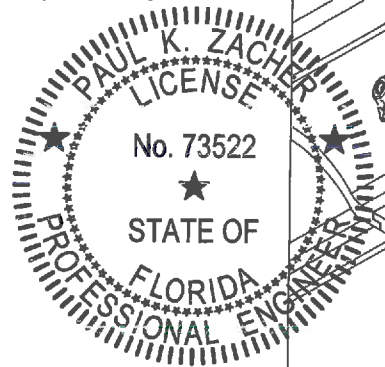
SHEET:

5

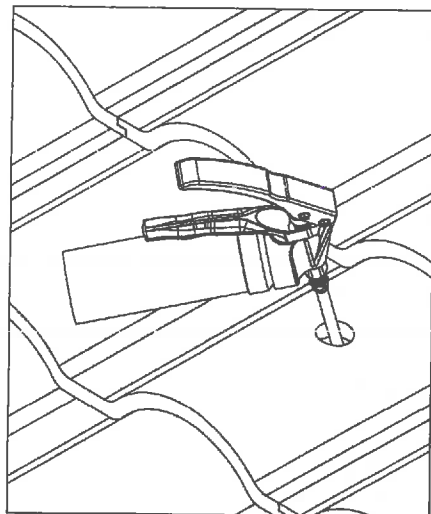
OF

10

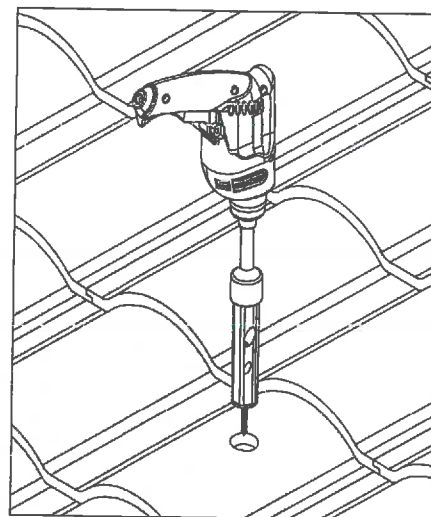
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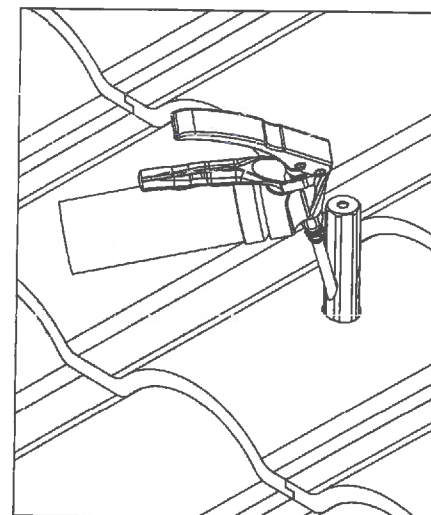
STEP 1:
LOCATE AND MARK THE DESIRED LOCATION OF THE TOPTILE MOUNT. USING A HAND DRILL GUIDE AND A 1-1/2" TILE HOLE SAW, DRILL A HOLE INTO THE TILE. REMOVE TILE DUST FROM AROUND THE HOLE IN THE TILE AND UNDERLAYMENT.



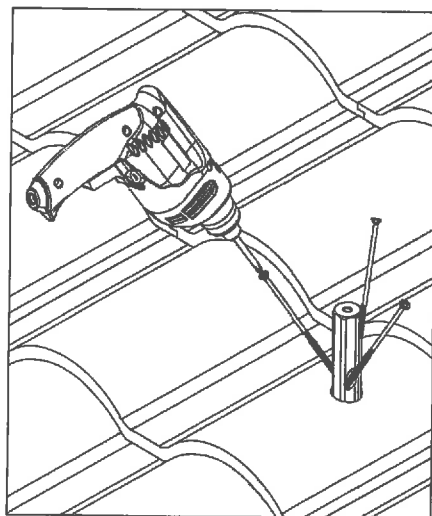
STEP 2:
AFTER CLEANING AWAY THE TILE DUST ON THE UNDERLAYMENT, SPRAY A 4" TO 6" DIAMETER LAYER OF MIAMI-DADE APPROVED ROOF CEMENT OR SEALANT AND SPRAY 4" TO 6" DIAMETER OF MIAMI-DADE APPROVED POLYURETHANE FOAM SUCH AS POLYSET® RTA-1



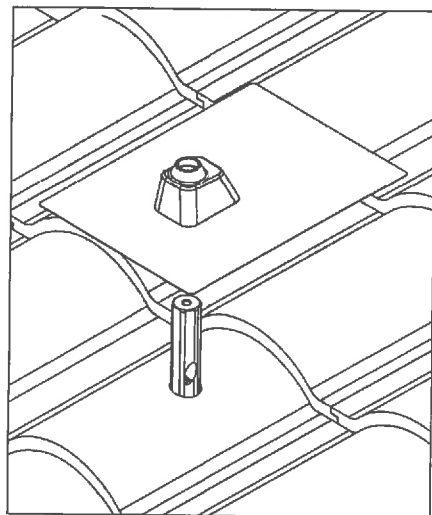
STEP 3:
USE A 28mm (1-1/8") SOCKET TO INSTALL THE TOPTILE TANCHION. TORQUE UNTIL THE TOPTILE STANCHION IS FULLY SEATED.



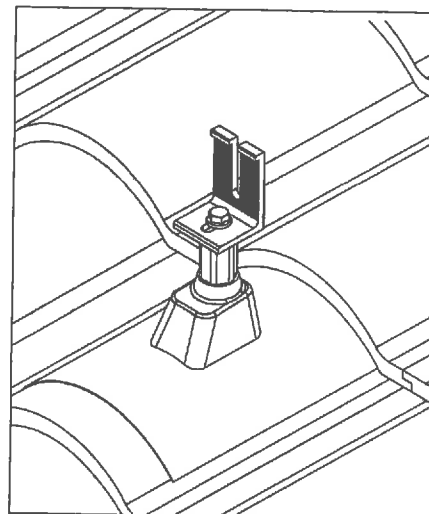
STEP 4:
INTO THE 3 HOLES ON THE SIDES OF THE STANCHION APPLY A MIAMI-DADE APPROVED ROOF CEMENT OF SEALANT.



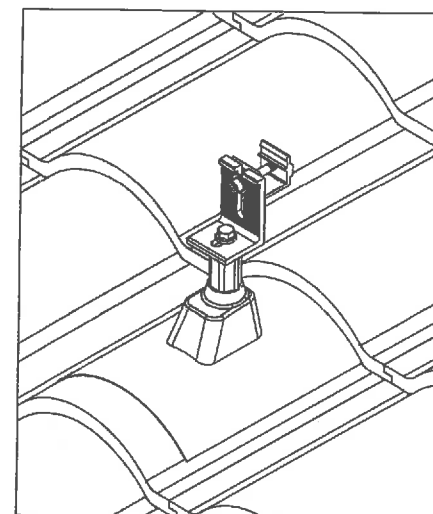
STEP 5:
INSTALL THE 3 WOOD SCREWS INTO THE STANCHION. DUE TO THE SIDE DRIVING FORCE OF INSTALLING THE SCREWS INTO THE SIDES OF THE STANCHION, CARE SHOULD BE TAKEN TO KEEP THE STANCHION PLUM.



STEP 6:
FOR CURVED TILED ROOFS HAND FORM THE FLASHING TO MATCH THE TILE CONTOUR. INSTALL FLASHING OVER STANCHION AND UNDER THE EDGE OF THE TILE LOCATED ABOVE.




STEP 7:
INSTALL THE L-FOOT WITH ITS M8 BOLT ONTO THE TOP OF THE STANCHION; USE A 6mm HEX DRIVER AND TORQUE TO 10 FT-LBS.



STEP 8:
USE THE L-FOOT ADAPTOR TO ATTACH THE RAIL TO THE TOPTILE MOUNT AND TORQUE TO 10 FT-LBS.

2023 FLORIDA BUILDING CODE, 8TH EDITION
ASCE 7 VERSION: ASCE 7-16 & 7-22

PE SIGNATURE:  PE DATE:
10/30/2023

SunModo Corp.
14800 NE 65TH STREET, VANCOUVER WA 98682

Phone: (360) 844-0048
info@sunmodo.com

TITLE

TOPTILE DECK MOUNT INSTALLATION

DRAWING NUMBER

D10253

REV

C

UNITS:

IN, LB, DEG

DATE:

05/13/2022

SHEET SIZE:

D

SCALE:

NTS

SHEET:

6

OF

10

NANO RAFTER MOUNT STRUCTURAL MEMBER SPECIFICATION:

MINIMUM WOOD GRADE = SPF #2
MINIMUM SPECIFIC GRAVITY = 0.42

FASTENER = 5/16" LAG SCREW
MINIMUM EMBEDMENT DEPTH = 2.5"

ALLOWABLE FASTENER UPLIFT = 246 lbs (FOS=3)
ALLOWABLE FASTENER LATERAL = 250 lbs (NDS)

MINIMUM FASTENER EDGE DISTANCE = 0.5"
MINIMUM FASTENER END DISTANCE = 2.2"

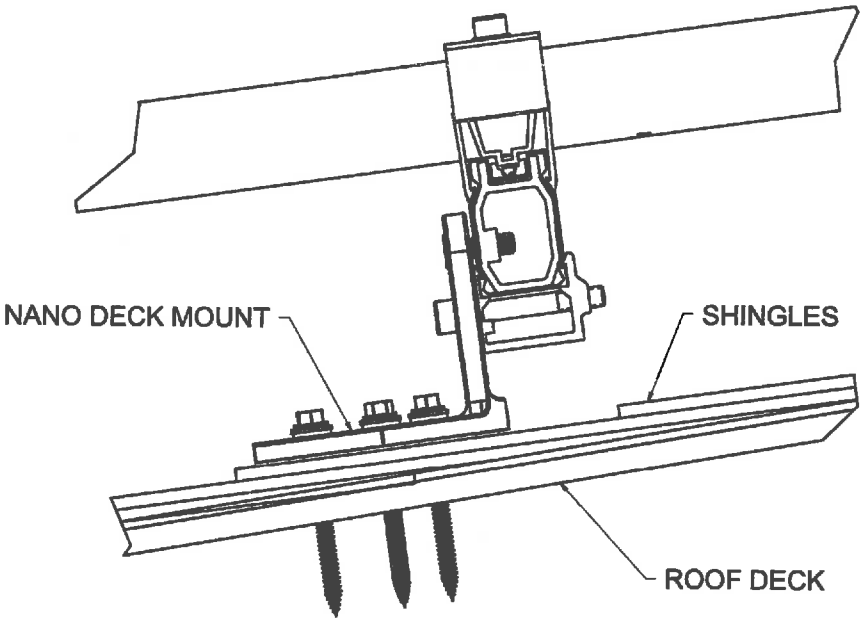
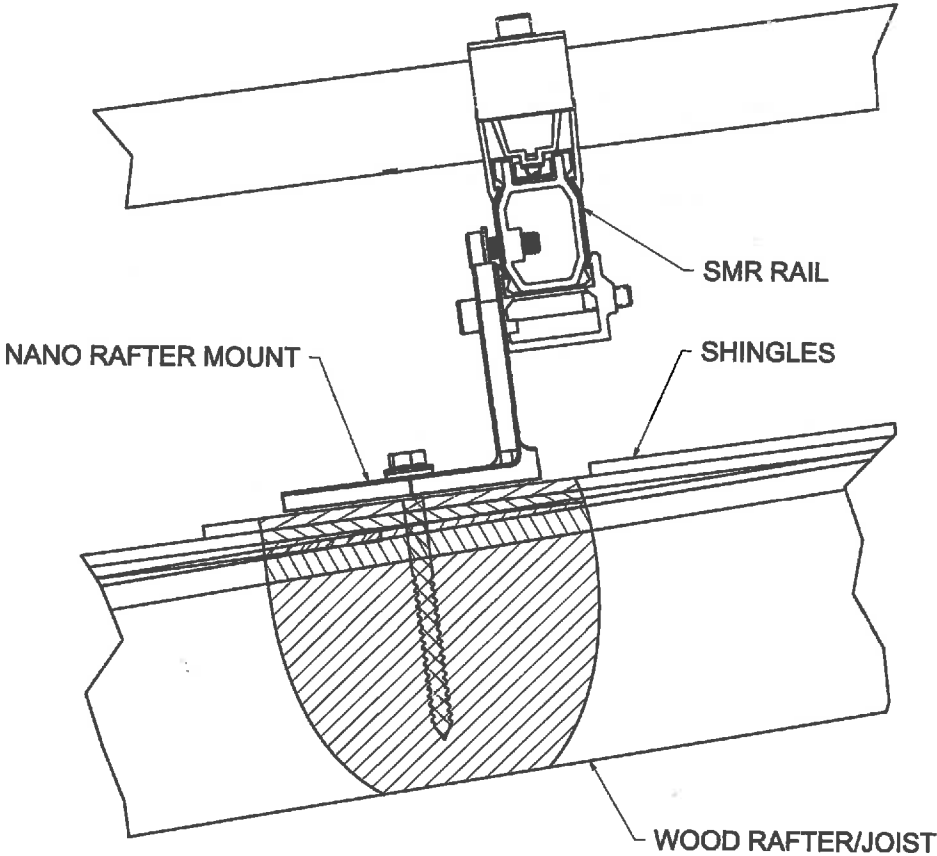
NANO DECK MOUNT STRUCTURAL MEMBER SPECIFICATION:

(4) 1/4" SCREW S.S. WOOD SCREW, EMBED FULLY INTO DECK

MINIMUM DECK = 15/32"
TOTAL ALLOWABLE FASTENER UPLIFT = 246 lbs (FOS=3, 4 ANCHORS)
TOTAL ALLOWABLE FASTENER LATERAL = 646 lbs (FOS=3)

MINIMUM FASTENER EDGE DISTANCE = 0.375"
MINIMUM FASTENER END DISTANCE = 1.750"

LIMITATION: ROOF ATTACHMENT SPACING SHALL NOT RESULT IN REACTION LOADS THAT EXCEED THE CAPACITY OF THE ROOF OR THE ATTACHMENT PRODUCTS AS LISTED IN THIS DRAWING AND RELATED DOCUMENTS. ROOF DECK ATTACHMENTS TO SUPPORTS MUST BE VERIFIED BY THE ENGINEER OF RECORD AT THE TIME OF CONSTRUCTION PERMIT.



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TITLE

NANOMOUNT ATTACHMENT DETAIL

DRAWING NUMBER

D10253

REV

C

UNITS:

IN, LB, DEG

DATE:

05/13/2022

SHEET SIZE:

D

SCALE:

NTS

SHEET:

7

OF

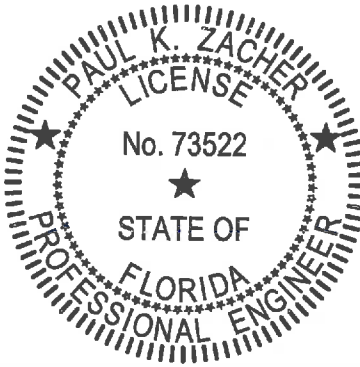
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NOA-No. 23-0918.10

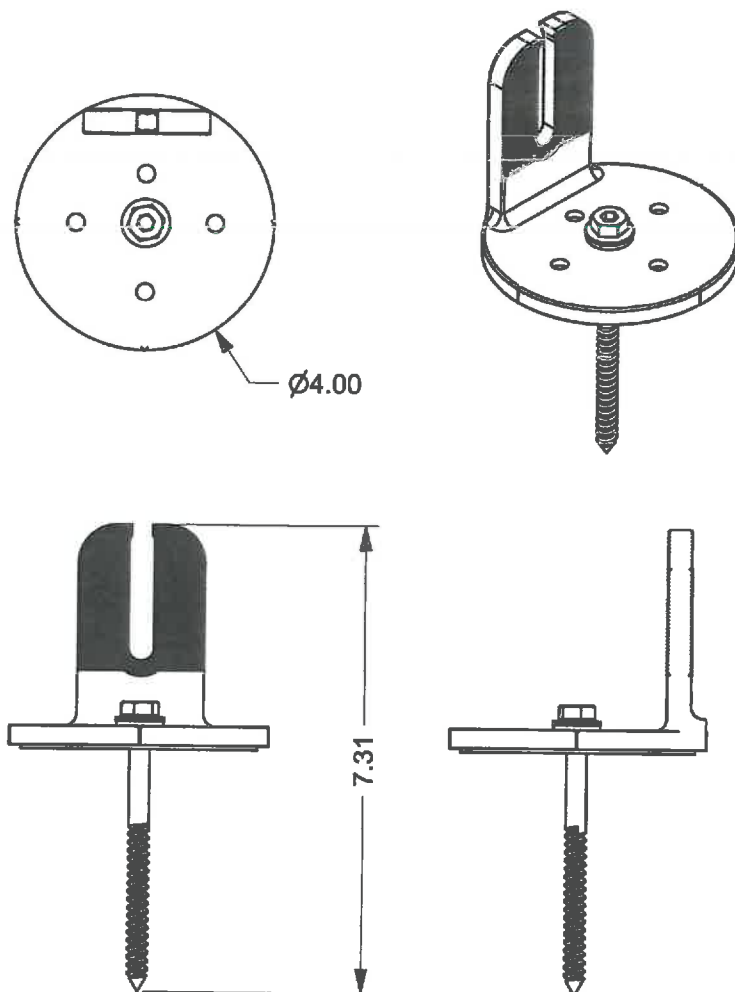
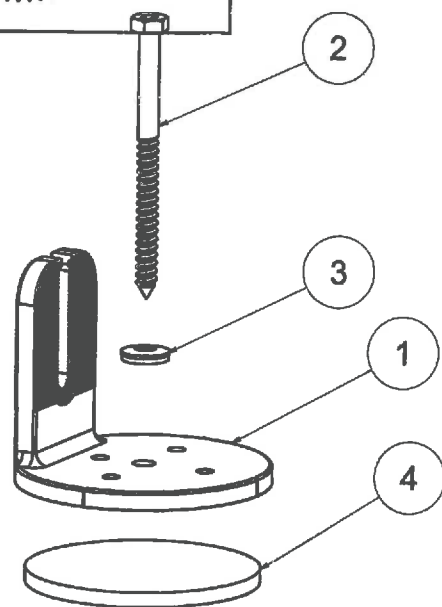
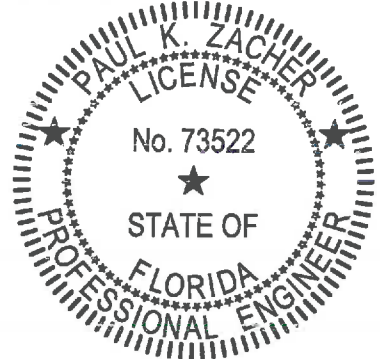
Expiration Date 05/26/2027

By Miami-Dade Product Control

PE STAMP:



PE STAMP:



DETAIL, NANO RAFTER MOUNT
K50053-BK1

K50053-BK1 PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
1	A50231-BK3	BLACK NANOMOUNT OPEN L-FOOT	ALUMINUM 6061	1
2	B10002-BK2	BLACK HEX LAG BOLT M8X110, DIN 571, 304 SS	STAINLESS STEEL	1
3	B15019-002	SEALING WASHER (ID .33 X OD.75 X T .17)	STAINLESS STEEL	1
4	C50009-001	NANO GASKET, NEOPRENE FOAM	CHLOROPRENE RUBBER	1

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TITLE

NANOMOUNT

UNITS:

IN, LB, DEG

DATE:

05/13/2022

SHEET SIZE:

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DRAWING NUMBER

D10253

SCALE:

NTS

SHEET:

8

OF

10

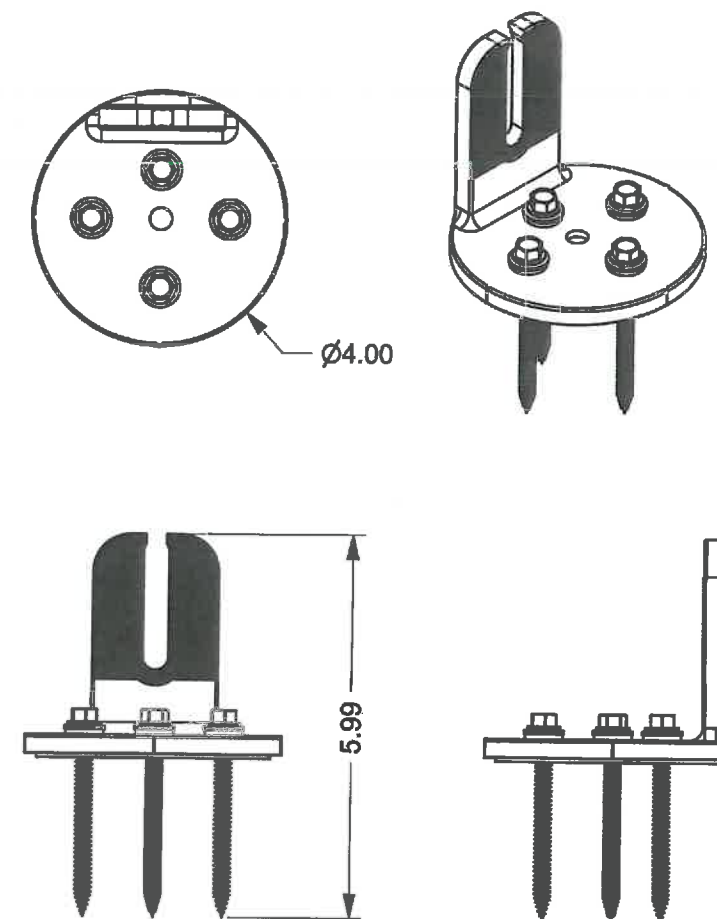
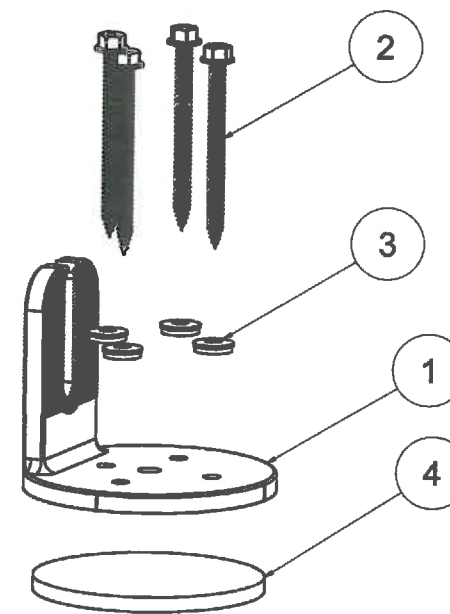
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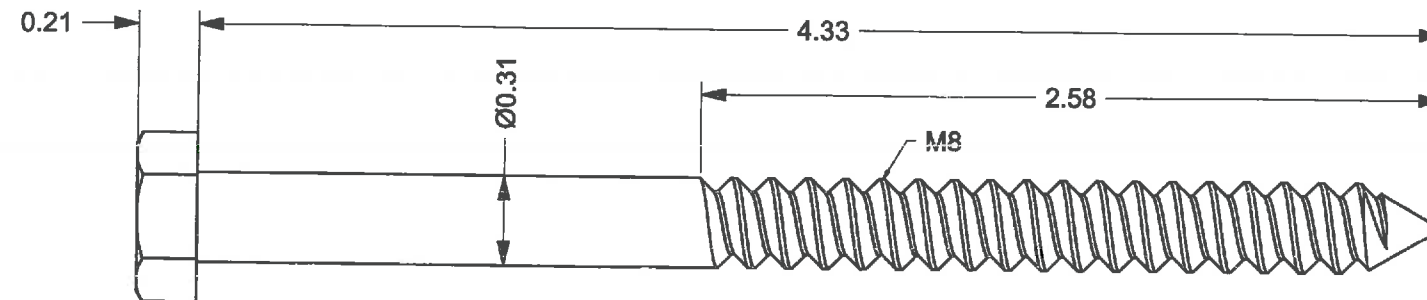
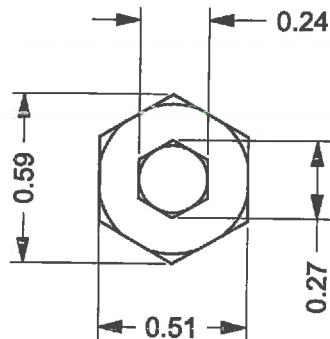
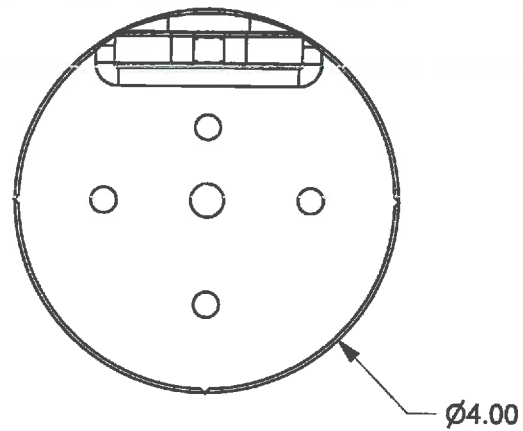
Expiration Date 05/26/2027

By 
Miami-Dade Product Control

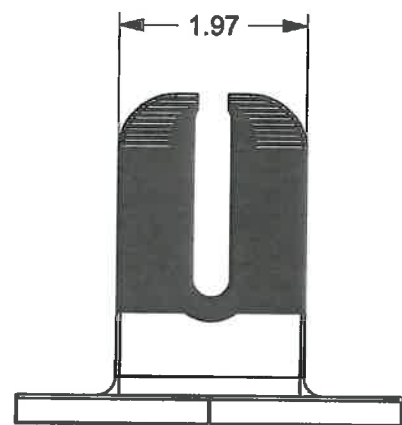


DETAIL, NANO DECK MOUNT
K50053-BK3

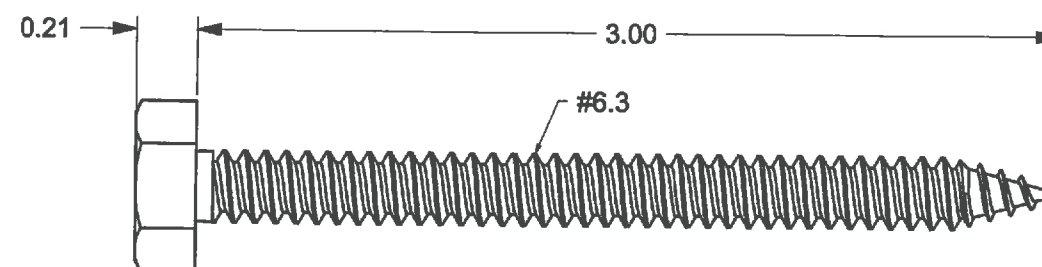
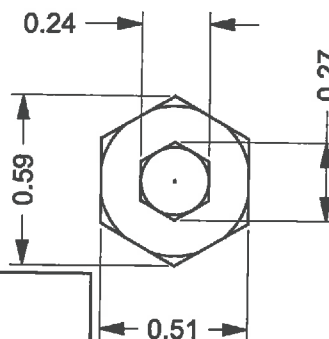
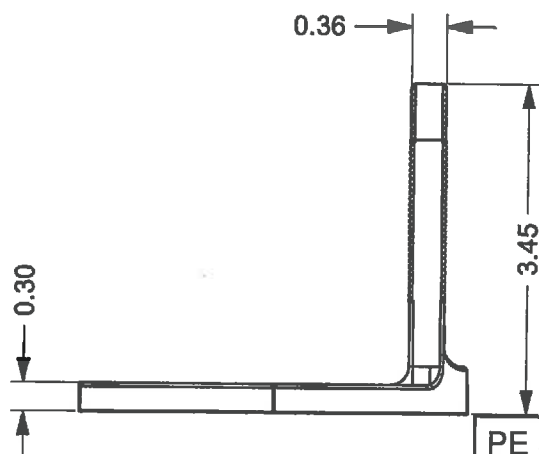
K50053-BK3 PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
1	A50231-BK3	BLACK NANOMOUNT OPEN L-FOOT	ALUMINUM 6061	1
2	B10080-BK1	BLACK HEX WASHER HEAD SELF-TAPPING SCREW, #6.3x76	STAINLESS STEEL	4
3	B15019-001	SEALING WASHER (ID .26 X OD.63 X T .125)	STAINLESS STEEL	4
4	C50009-001	NANO GASKET, NEOPRENE FOAM	CHLOROPRENE RUBBER	1



DETAIL, LAG BOLT
B10002-BK2



DETAIL, NANOMOUNT
A50231-BK3

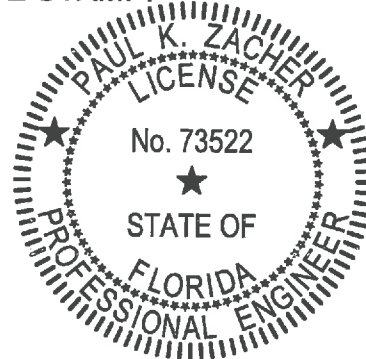



DETAIL, SELF-TAPPING SCREW
B10080-BK2

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Phone: (360) 844-0048
info@sunmodo.com

TITLE

NANOMOUNT

DRAWING NUMBER

D10253

REV

C

UNITS:

IN, LB, DEG

DATE:

05/13/2022

SHEET SIZE:

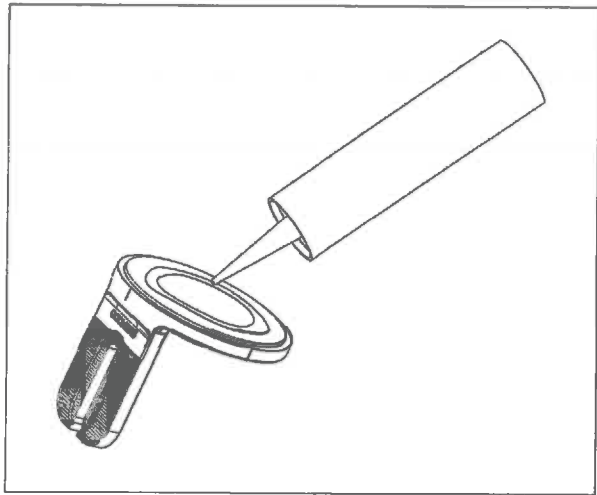
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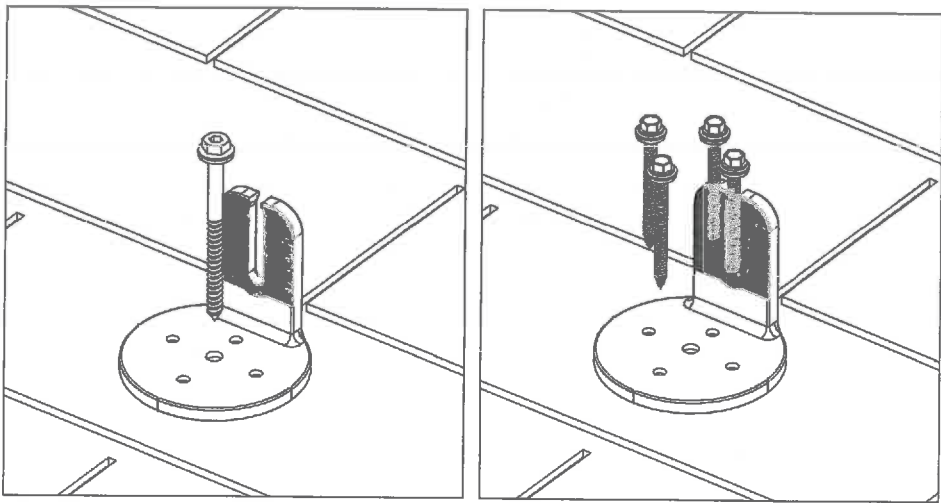
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9 OF 10

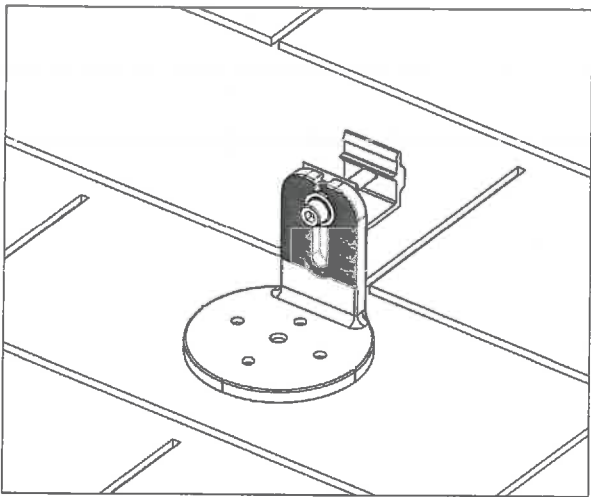


STEP 1:
APPLY A CIRCULAR BEAD OF COMPOSITE ROOF SEALANT AROUND THE BOTTOM OF THE NANOMOUNT. APPLY ADDITIONAL SEALANT TO THE ROOF IF NEEDED TO SEAL GAPS BETWEEN SHINGLES OR TO SMOOTH UNEVEN SURFACES.



STEP 2 RAFTER MOUNT:
LOCATE THE CENTER OF THE RAFTER IN THE DESIRED ROOF LOCATION AND DRILL A 7/32" PILOT HOLE. CLEAN SAWDUST, AND FILL HOLE WITH SEALANT. USE EITHER A 6mm HEX DRIVER OR A 1/2" HEX SOCKET DRIVER TO INSTALL THE 5/16" LAG SCREW.

STEP 2 DECK MOUNT:
LOCATE THE DESIRED ROOF LOCATION AND INSTALL THE 4X SELF-TAPPING SCREWS WITH SEALING WASHERS. USE A 3/8" HEX SOCKET DRIVER.



STEP 3:
USE THE L-FOOT ADAPTOR TO ATTACH THE RAIL TO THE NANOMOUNT AND TORQUE TO 10 FT-LBS.


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TITLE			DRAWING NUMBER			REV
NANOMOUNT INSTALLATION			D10253			
UNITS: IN, LB, DEG	DATE: 05/13/2022	SHEET SIZE: D	SCALE: NTS	SHEET: 10	OF 10	C

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