



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Unirac, Inc.
1411 Broadway Blvd. NE
Albuquerque, New Mexico 87102

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: FlashKit Pro and FlashKit Pro SB L-Foot Aluminum Solar Mounts

APPROVAL DOCUMENT: Drawing No. **M-D NOA**, titled "FlashKit Pro and FlashKit Pro SB L-Foot" sheets 1 through 8 of 8, dated 03/05/2024, prepared by Unirac, Inc., signed and sealed by Saddam Ahmad, P.E., bearing the Miami-Dade County Product Control renewal 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 unit shall bear a permanent label with the manufacturer's name or logo, city and 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 **renews** NOA # **24-0221.05** 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.**



09/04/25

NOA No. 25-0708.02
Expiration Date: May 21, 2030
Approval Date: September 11, 2025
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #19-0429.02

A. DRAWINGS

1. Drawing No. M-D NOA, titled "Solar PV Racking System" sheets 1 through 12 of 12, dated Nov. 19, 2019, last revision #2 dated April 21, 2020, prepared by CBuck Engineering, signed and sealed by James L. Buckner, P.E.

B. TESTS

1. Test report on ASTM D1761 – Withdrawal, Perpendicular and parallel shear Test, prepared by Intertek, Report No. J9904.01-106-18 R0, dated 09/17/19, signed and sealed by Gary T. Hartman, P.E.
2. Test report on TAS 100(A)-95 Wind and wind Driven Rain Resistance Test, prepared by Intertek, Report No. J0950.01-109-18, dated 12/19/18, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Calculation, 36 pages, dated 01/29/18, signed and sealed by Paul K. Zacher, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Florida Building Code, 2017 Edition, compliance letter dated April 29, 2020, prepared by CBuck Engineering, signed and sealed by James L. Buckner, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0708.02
Expiration Date: May 21, 2030
Approval Date: September 11, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER NOA # 21-0510.06 AND # 24-0221.05

A. DRAWINGS

1. Drawing No. **M-D NOA**, titled “FlashKit Pro and FlashKit Pro SB L-Foot” sheets 1 through 8 of 8, dated 03/05/2024, prepared by Unirac, Inc., signed and sealed by Saddam Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance with the 8th edition (2023) of the FBC and of no financial interest, issued Engineering Alliance, Inc., dated 04/04/2024, signed and sealed by Saddam Ahmad, P.E.
2. Statement letter of code conformance with the 7th edition (2020) of the FBC, issued by CBuck Engineering, dated 04/08/2021, signed and sealed by James L. Buckner, P.E.

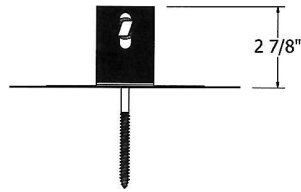
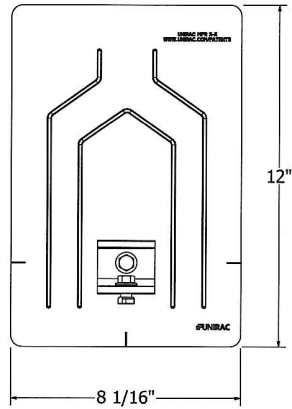


Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0708.02
Expiration Date: May 21, 2030
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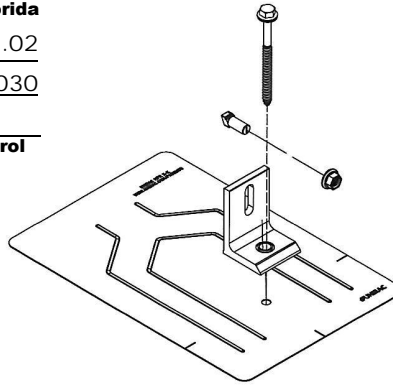
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 25-0708.02

Expiration Date 05/21/2030

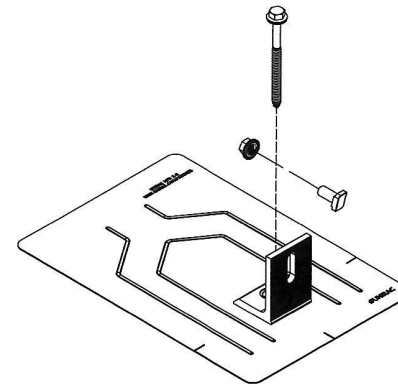
By *[Signature]*
Miami-Dade Product Control



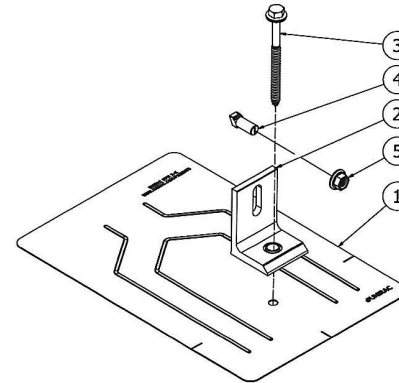
SOLARMOUNT FLASHKIT PRO
L-FOOT ASSEMBLY



SOLARMOUNT FLASHKIT PRO
INSTALL ORIENT 1



SOLARMOUNT FLASHKIT PRO
INSTALL ORIENT 2



SOLARMOUNT FLASHKIT PRO
INSTALL ORIENT 1

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0221.05

Expiration Date 05/21/2025

By *[Signature]*
Miami-Dade Product Control

ASSEMBLY NUMBER - NAME	ITEM #	DESCRIPTION	MATERIAL	MINIMUM YIELD (KSI)	MINIMUM ULTIMATE (KSI)
004055M, (MILL) 004055D (DARK) - SOLARMOUNT FLASHKIT PRO ASSEMBLY	1	8" FLASHING SH	ALUMINUM, 5005-H34, 19 GAGE	N/A	N/A
	2	L-FOOT	EXTRUDED ALUMINUM PER ASTM B221-08: 6005A-T61 OR 6061-T6	35	38
	3	LAG SCREW	18/8 STAINLESS STEEL	N/A	85
	4	BOLT, ENHNC'D T 3/8-16X0.75 SS	300 SERIES STAINLESS STEEL	N/A	70
	5	NUT, SERR FLG 1/2" HEX 3/8-16	300 SERIES 18-8 STAINLESS STEEL	N/A	85

UNIRAC
1411 BROADWAY BOULEVARD NE
ALBUQUERQUE, NM, USA, 87102
WWW.UNIRAC.COM

REVISIONS	CHK	SM	DESCRIPTION	INITIAL RELEASE
REV/DATE	A	3/05/24		

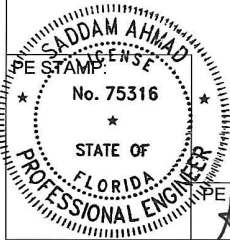
FOR
MIAMI-DADE COUNTY

PROJECT
MIAMI-DADE CO. NOA
PROJECT ADDRESS

TITLE
FLASHKIT L-FOOT,
SWITCHBLADE
L-FOOT
ATTACHMENTS

DWG NO.
M-D NOA

SHEET 1 OF 8



DESIGNATURE: *[Signature]*

PE DATE:

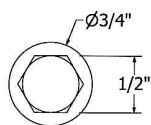
4/4/24



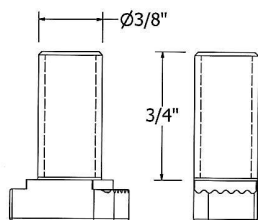
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 25-0708.02

Expiration Date 05/21/2030

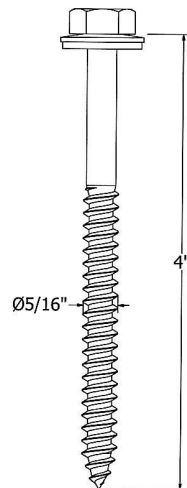
By 
Miami-Dade Product Control



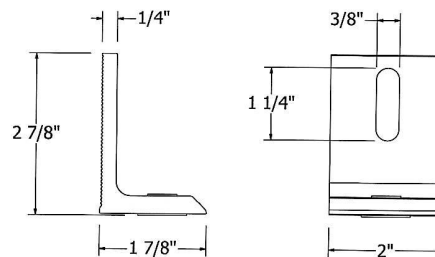
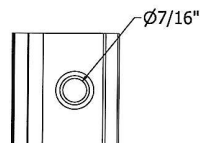
ITEM 5
3/8-16 SERRATED FLANGE NUT



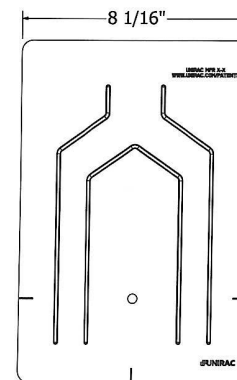
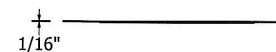
ITEM 4
3/8-16 ENHNCD T-BOLT



ITEM 3
LAG SCREW EPDM WASHER ASSEMBLY



ITEM 2
L-FOOT GROMMET ASSEMBLY



ITEM 1
8 INCH FLASHING SH

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0221.05
Expiration Date **05/21/2025**

By *R. J. [Signature]*
Miami-Dade Product Control

ASSEMBLY NUMBER - NAME	ITEM #	DESCRIPTION	MATERIAL	MINIMUM YIELD (KSI)	MINIMUM UTMATE (KSI)
004055M, (MILL) 004055D (DARK) - SOLARMOUNT FLASHKIT PRO ASSEMBLY	1	8" FLASHING SH	ALUMINUM, 5005-H34, 19 GAGE	N/A	N/A
	2	L-FOOT	EXTRUDED ALUMINUM PER ASTM B221-08: 6005A-T61 OR 6061-T6	35	38
	3	LAG SCREW	18/8 STAINLESS STEEL	N/A	85
	4	BOLT, ENHNC'D 3/8-16X0.75 SS	300 SERIES STAINLESS STEEL	N/A	70
	5	NUT, SERR FLG 1/2" HEX 3/8-16	300 SERIES 18-8 STAINLESS STEEL	N/A	85

[illegible]

FOR
MIAMI-DADE
COUNTY

PROJECT

MIAMI-DADE CO.
NOA

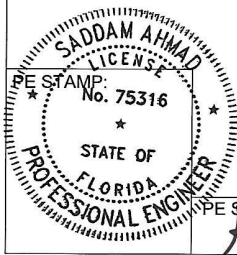
PROJECT ADDRESS

TITLE
FLASHKIT L-FOOT,
SWITCHBLADE
L-FOOT
ATTACHMENTS

DWG NO.

M-D NOA

SHEET 2 OF 8



TYPE SIGNATURE:

PE DATE:

4/4/24

WITHDRAWAL AND LATERAL LOADS FROM NDS

LOAD DURATION FACTOR (C_D) = 1.6

WET SERVICE FACTOR (C_M) = 1

TEMPERATURE FACTORS (C_T) = 1.0

GROUP ACTION FACTOR (C_G) = 1

GEOMETRY FACTOR (C_A) = 1

END GRAIN FACTOR (C_{eg}) = 1

DIAPHRAGM FACTOR (C_{di}) = 1

TOE-NAIL FACTOR (C_{tn}) = 1

WITHDRAWAL LOADS

WITHDRAWAL DESIGN VALUE(W) = 205 LBS. PER INCH (FROM NDS TABLE 12.2A)

WITHDRAWAL LOADSW = $205 \times 1 \times 1 \times 1.6 \times 1 \times 1 \times 1 \times 1.85 = 606.8$ LBS.

LATERAL LOADS

LATERAL DESIGN VALUE(Z) = MINIMUM OF PARALLEL = 250 LBS.(FROM NDS TABLE 12K)

GROUP ACTION FACTOR (C_G) = 0.97

LATERAL LOADSZ' = $250 \times 1.6 \times 1 \times 1 \times 0.97 \times 1 \times 1 \times 1 \times 1.85/2.5 = 287.12$ LBS.

LATERAL DESIGN VALUE(Z) = MINIMUM OF PERPENDICULAR = 160 LBS.(FROM NDS TABLE 12K)

GROUP ACTION FACTOR (C_G) = 1

LATERAL LOADS Z' = $160 \times 1.6 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1.85/2.5 = 189.44$ LBS.

*ASSUMED G = 0.42 SPRUCE PINE

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 25-0708.02

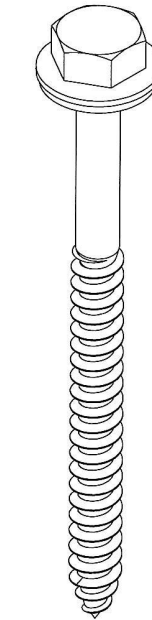
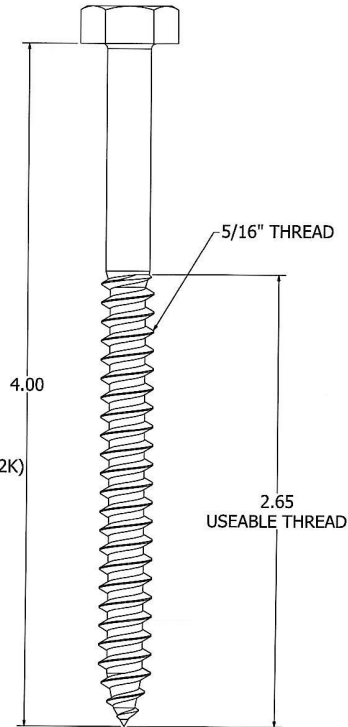
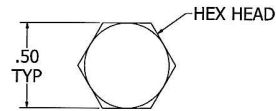
Expiration Date 05/21/2030

By *[Signature]*
Miami-Dade Product Control

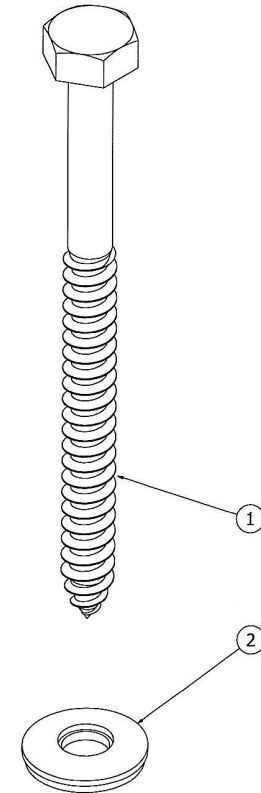
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0221.05

Expiration Date 05/21/2025

By *[Signature]*
Miami-Dade Product Control



SH LAG SCREW
WITH WASHER



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	M31150	5/16 X 4.00 HEX HEAD LAG SCREW, SS
2	1	M30062	5/16 EPDM WASHER SS

UNIRAC
1411 BROADWAY BOULEVARD NE
ALBUQUERQUE, NM, USA, 87102
WWW.UNIRAC.COM

REV	DATE	DESCRIPTION	CHK
A	3/05/24	INITIAL RELEASE	SM

FOR
MIAMI-DADE
COUNTY

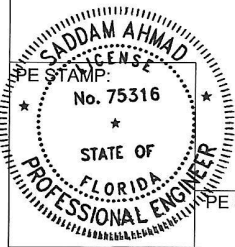
PROJECT
MIAMI-DADE CO.
NOA

PROJECT ADDRESS

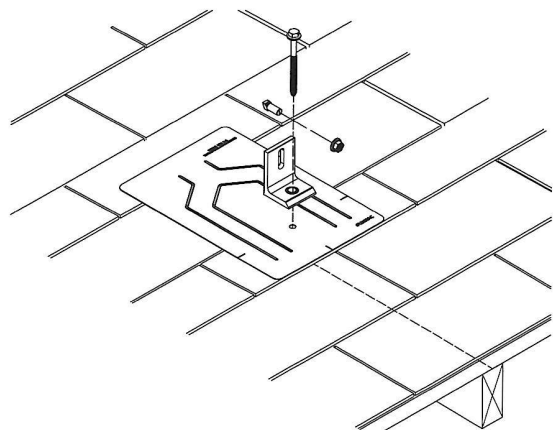
TITLE
FLASHKIT L-FOOT,
SWITCHBLADE
L-FOOT
ATTACHMENTS

DWG NO.
M-D NOA

SHEET 3 OF 8



PE SIGNATURE: *[Signature]* PE DATE: 4/4/24



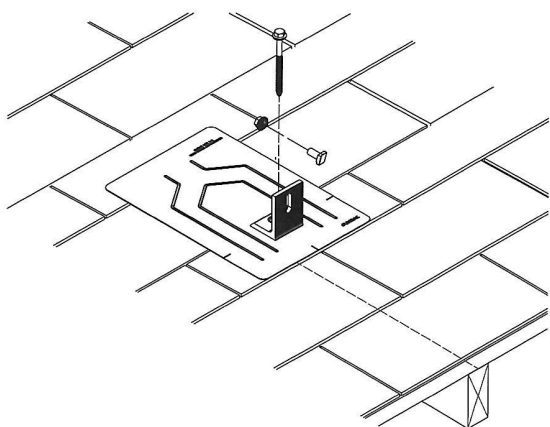
SOLARMOUNT FLASHKIT PRO L-FOOT INSTALLATION
NOT TO SCALE

STRUCTURAL MEMBER SPECIFICATION:

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

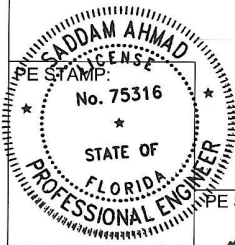
ALLOWABLE FASTENER UPLIFT = 606.8 lbs
ALLOWABLE FASTENER LATERAL = 160 lbs

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



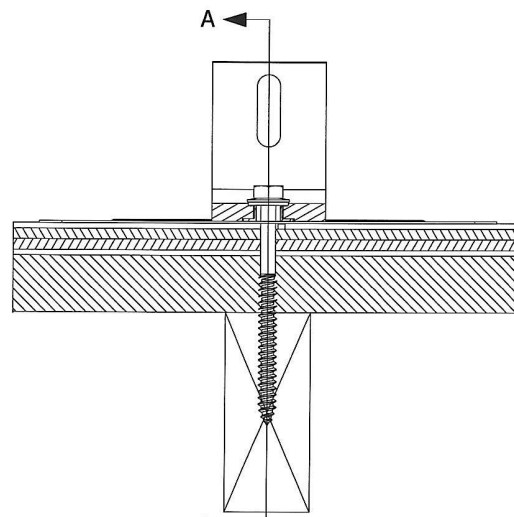
ALTERNATE L-FOOT CONFIGURATION
NOT TO SCALE

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **24-0221.05**
Expiration Date **05/21/2025**
By *[Signature]*
Miami-Dade Product Control



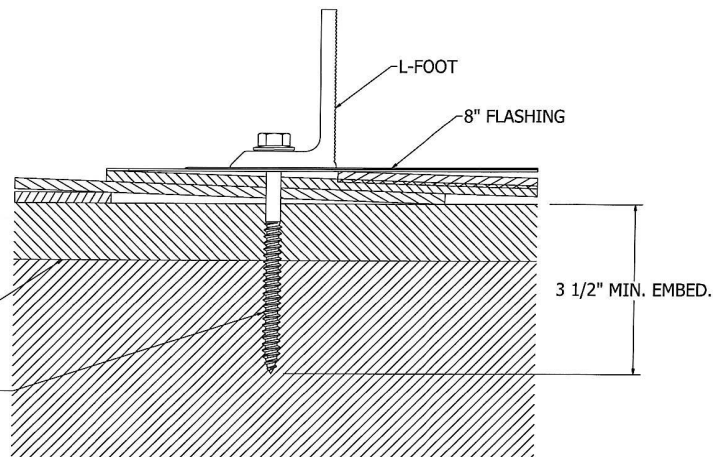
PE SIGNATURE: *[Signature]*

PE DATE: **4/4/24**



SECTION L-FOOT FLASHING DETAIL
NOT TO SCALE

3/4" MIN EDGE DISTANCE
TO CENTER OF LAG SCREW
(WITHDRAWAL)



SECTION A-A
NOT TO SCALE

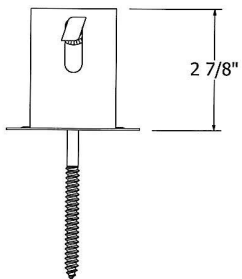
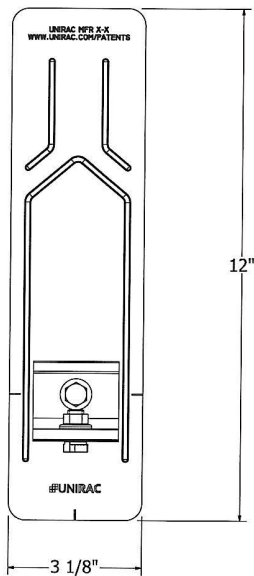
ROOF DECK
(STANDARD ROOF CONSTRUCTION)

5/16" STAINLESS STEEL LAG BOLT
WITH 3 1/2" MIN. EMBEDMENT AND
(SS / EPDM) FLAT WASHER

BUILDING STRUCTURE
(WOOD FRAME)

UNIRAC
1411 BROADWAY BOULEVARD NE
ALBUQUERQUE, NM, USA, 87102
WWW.UNIRAC.COM

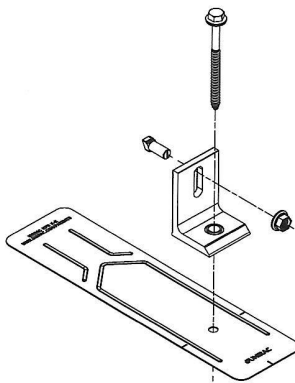
REVISIONS	CHK	DESCRIPTION
REV DATE	SM	INITIAL RELEASE
A		3/05/24
FOR		
MIAMI-DADE COUNTY		
PROJECT		
MIAMI-DADE CO. NOA		
PROJECT ADDRESS		
TITLE		
FLASHKIT L-FOOT, SWITCHBLADE L-FOOT ATTACHMENTS		
DWG NO.		
M-D NOA		
SHEET 4 OF 8		



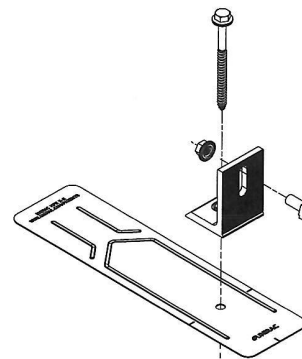
FLASHKIT PRO SB
L-FOOT ASSEMBLY

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 25-0708.02
Expiration Date 05/21/2030
By *[Signature]*
Miami-Dade Product Control

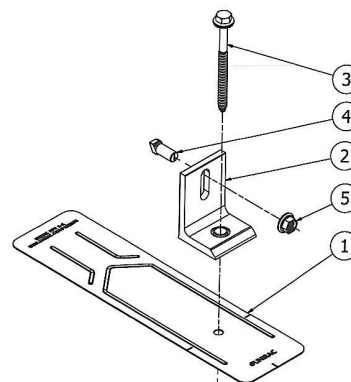
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0221.05
Expiration Date 05/21/2025
By *[Signature]*
Miami-Dade Product Control



FLASHKIT PRO SB
L-FOOT ORIENT 1



FLASHKIT PRO SB
L-FOOT ORIENT 2



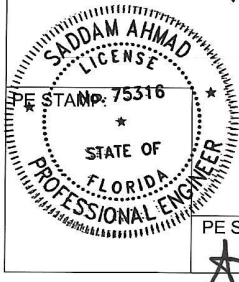
FLASHKIT PRO SB
L-FOOT ORIENT 1

ASSEMBLY NUMBER - NAME	ITEM #	DESCRIPTION	MATERIAL	MINIMUM YIELD (KSI)	MINIMUM ULTIMATE (KSI)
004015M, (MILL) 004015D (DARK) - SOLARMOUNT FLASHKIT PRO SB, ASSEMBLY	1	3" FLASHING SH	ALUMINUM, 5005-H34, 19 GAGE	N/A	N/A
	2	L-FOOT	EXTRUDED ALUMINUM PER ASTM B221-08: 6005A-T61 OR 6061-T6	35	38
	3	LAG SCREW	18/8 STAINLESS STEEL	N/A	85
	4	BOLT, ENHNC D T 3/8-16X0.75 SS	300 SERIES STAINLESS STEEL	N/A	70
	5	NUT, SERR FLG 1/2" HEX 3/8-16	300 SERIES 18-8 STAINLESS STEEL	N/A	85

PE SIGNATURE:

PE DATE:

4/4/24



UNIRAC
1411 BROADWAY BOULEVARD NE
ALBUQUERQUE, NM, USA, 87102
WWW.UNIRAC.COM

REV	DATE	DESCRIPTION	CHK
A	3/05/24	INITIAL RELEASE	SM

FOR
MIAMI-DADE
COUNTY

PROJECT

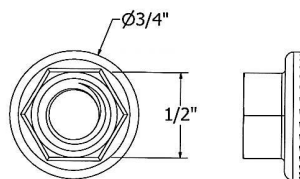
MIAMI-DADE CO.
NOA

PROJECT ADDRESS

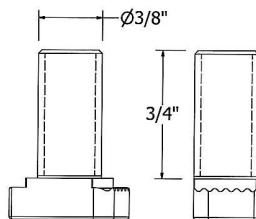
TITLE
FLASHKIT L-FOOT,
SWITCHBLADE
L-FOOT
ATTACHMENTS

DWG NO.
M-D NOA

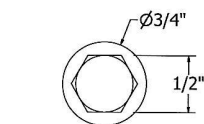
SHEET 5 OF 8



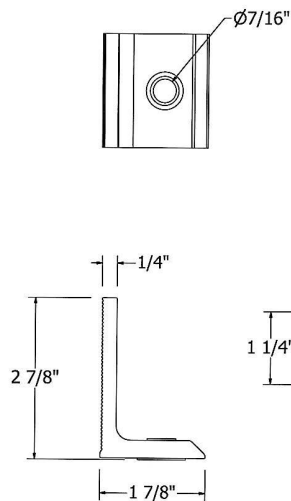
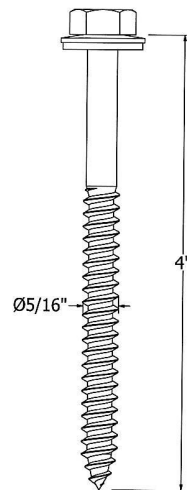
ITEM 5
3/8-16 SERRATED FLANGE NUT



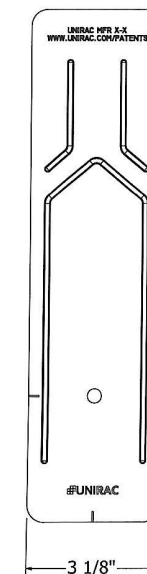
ITEM 4
3/8-16 ENHNCD T-BOLT



ITEM 3
LAG SCREW EPDM WASHER ASSEMBLY



ITEM 2
L-FOOT GROMMET ASSEMBLY



ITEM 1
3 INCH FLASHING

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 25-0708.02

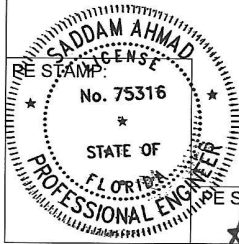
Expiration Date 05/21/2030

By *[Signature]*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0221.05

Expiration Date 05/21/2025

By *[Signature]*
Miami-Dade Product Control



PE SIGNATURE: *[Signature]*

PE DATE: 4/4/24

ASSEMBLY NUMBER - NAME	ITEM #	DESCRIPTION	MATERIAL	MINIMUM YIELD (KSI)	MINIMUM ULTIMATE (KSI)
004015M, (MILL) 004015D (DARK) - SOLARMOUNT FLASHKIT PRO SB, ASSEMBLY	1	3" FLASHING SH	ALUMINUM, 5005-H34, 19 GAGE	N/A	N/A
	2	L-FOOT	EXTRUDED ALUMINUM PER ASTM B221-08: 6005A-T61 OR 6061-T6	35	38
	3	LAG SCREW	18/8 STAINLESS STEEL	N/A	85
	4	BOLT, ENHNCD T 3/8-16X0.75 SS	300 SERIES STAINLESS STEEL	N/A	70
	5	NUT, SERR FLG 1/2" HEX 3/8-16	300 SERIES 18-8 STAINLESS STEEL	N/A	85

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REVISIONS	CHK	SM
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A	3/05/24	

FOR
MIAMI-DADE
COUNTY

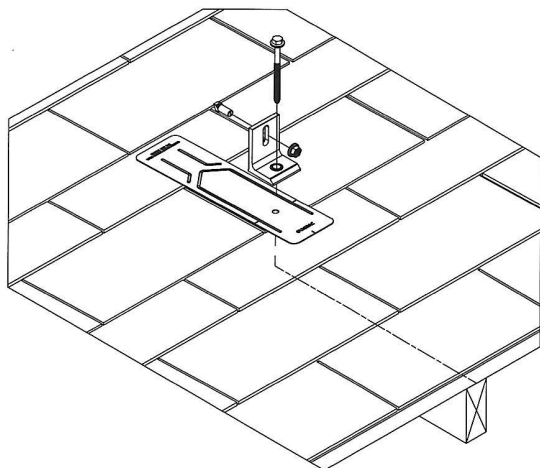
PROJECT
MIAMI-DADE CO.
NOA

PROJECT ADDRESS

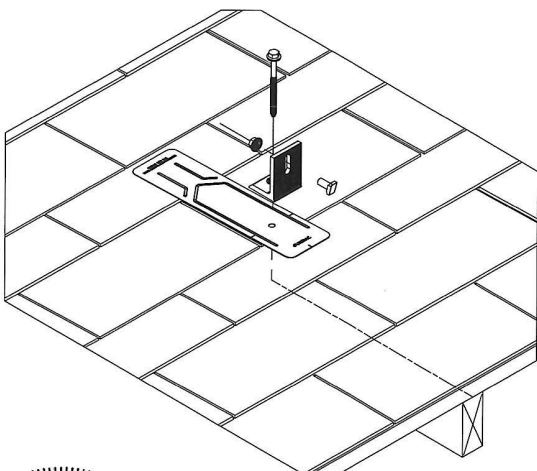
TITLE
FLASHKIT L-FOOT,
SWITCHBLADE
L-FOOT
ATTACHMENTS

DWG NO.
M-D NOA

SHEET 6 OF 8



SOLARMOUNT FLASHKIT PRO SB L-FOOT INSTALLATION
NOT TO SCALE



ALTERNATE L-FOOT CONFIGURATION
NOT TO SCALE

STRUCTURAL MEMBER SPECIFICATION:

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

ALLOWABLE FASTENER UPLIFT = 606.8 lbs
ALLOWABLE FASTENER LATERAL = 160 lbs

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

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 25-0708.02

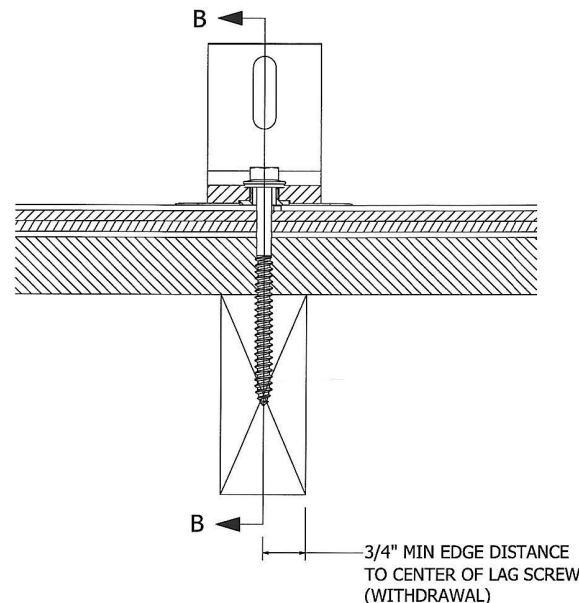
Expiration Date 05/21/2030

By *[Signature]*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0221.05

Expiration Date 05/21/2025

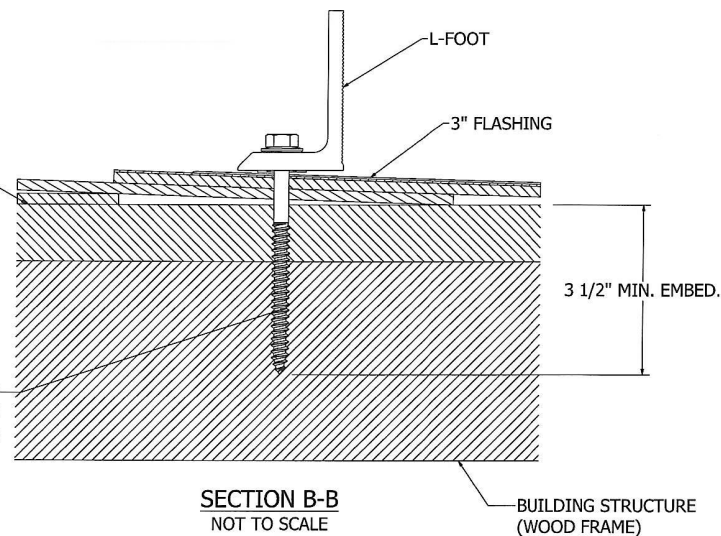
By *[Signature]*
Miami-Dade Product Control



SECTION L-FOOT FLASHING DETAIL
NOT TO SCALE

ROOF DECK
(STANDARD ROOF CONSTRUCTION)

5/16" STAINLESS STEEL LAG BOLT
WITH 3 1/2" MIN. EMBEDMENT AND
(SS / EPDM) FLAT WASHER



SECTION B-B
NOT TO SCALE



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REVISIONS	CHK	SM
REV	DATE	DESCRIPTION
A	3/05/24	INITIAL RELEASE

FOR
MIAMI-DADE
COUNTY

PROJECT
MIAMI-DADE CO.
NOA

PROJECT ADDRESS

TITLE
FLASHKIT L-FOOT,
SWITCHBLADE
L-FOOT
ATTACHMENTS

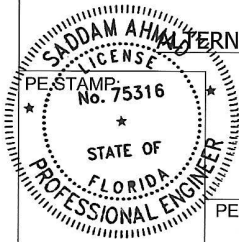
DWG NO.
M-D NOA

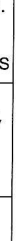
SHEET 7 OF 8

PE SIGNATURE:

PE DATE:

4/4/24



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		SM	
FOR			
MIAMI-DADE COUNTY			
PROJECT			
MIAMI-DADE CO. NOA			
PROJECT ADDRESS			
TITLE			
FLASHKIT L-FOOT, SWITCHBLADE L-FOOT ATTACHMENTS			
DWG NO.			
M-D NOA			
SHEET 8 OF 8			