



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

Sunrun Installation Services, Inc. d/b/a SnapNrack
775 Fiero Lane, Suite 200
San Luis Obispo, CA 93401

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: SpeedSeal DeckFoot and SpeedSeal DeckTrack Aluminum Solar Mounts

APPROVAL DOCUMENT: Drawing No. **SNR-DC-00483**, titled "UR SpeedSeal DeckFoot Mount and RL-U SpeedSeal DeckTrack", sheets 1 through 9 of 9, prepared by Sunrun Installation Services, Inc. d/b/a SnapNrack, dated on 11/17/2021, signed and sealed by Paul K. Zacher, P.E. on 12/01/2021, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval 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 consists of this page 1, evidence page E-1, as well as approval document mentioned above.

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



NOA No: 21-0823.06
Expiration Date: January 6, 2027
Approval Date: January 6, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **SNR-DC-00483**, titled “UR SpeedSeal DeckFoot Mount and RL-U SpeedSeal DeckTrack”, sheets 1 through 9 of 9, prepared by Sunrun Installation Services, Inc. d/b/a SnapNrack, dated on 11/17/2021, signed and sealed by Paul K. Zacher, P.E. on 12/01/2021.

B. TESTS

1. Test report on Uplift and Shear Allowable Loads of the Ultra Rail SpeedSeal DeckFoot per ASTM D7147-11, prepared by Intertek, Test Report No. **M3863.01-119-18 R0**, dated 07/13/2021, signed and sealed by Daniel C. Culbert, P.E.
2. Test report on Uplift and Shear Allowable Loads of the RL Universal SpeedSeal DeckTrack per ASTM D7147-11, prepared by Intertek, Test Report No. **M3864.01-119-18 R0**, dated 07/13/2021, signed and sealed by Daniel C. Culbert, P.E.
3. Test report on Wind Driven Rain Resistance of the SpeedSeal DeckFoot per TAS 100(A)-95, prepared by Intertek, Test Report No. **M3869.01-109-18**, dated 07/16/2021, signed and sealed by Daniel C. Culbert, P.E.
4. Test report on Wind Driven Rain Resistance of the SpeedSeal DeckTrack per TAS 100(A)-95, prepared by Intertek, Test Report No. **M3870.01-109-18**, dated 06/11/2021, signed and sealed by Daniel C. Culbert, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by PZ Structural Engineers, dated 12/01/2021, signed and sealed by Paul K. Zacher, P.E.

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 7th edition (2020) of the FBC issued by PZ Structural Engineers, dated 12/01/2021, signed and sealed by Paul K. Zacher, P.E.
2. Statement letter of no financial interest issued by PZ Structural Engineers, dated 08/04/2021, signed and sealed by Paul K. Zacher, P.E.
3. Distributor agreement dated 02/16/2021.



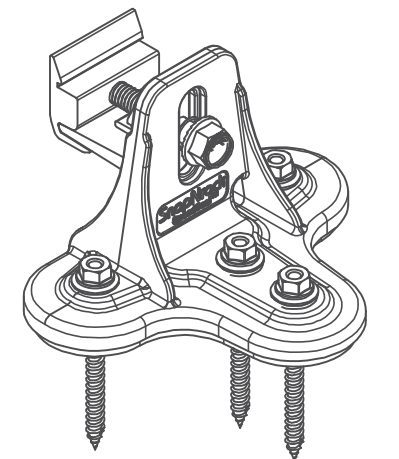
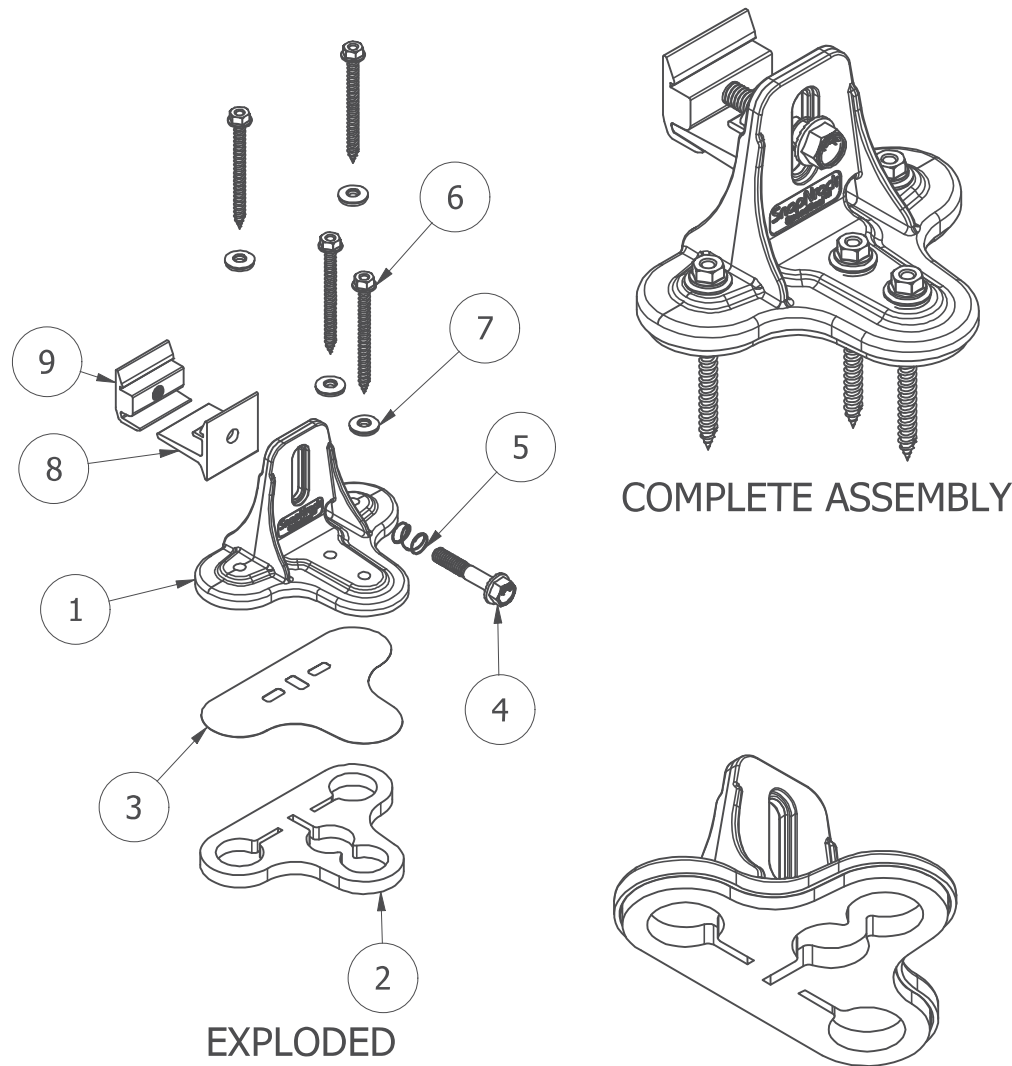
Carlos M. Utrera, P.E.

Product Control Examiner

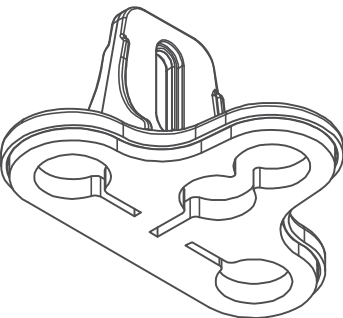
NOA No: 21-0823.06

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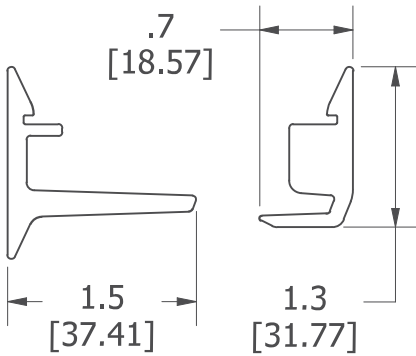


COMPLETE ASSEMBLY

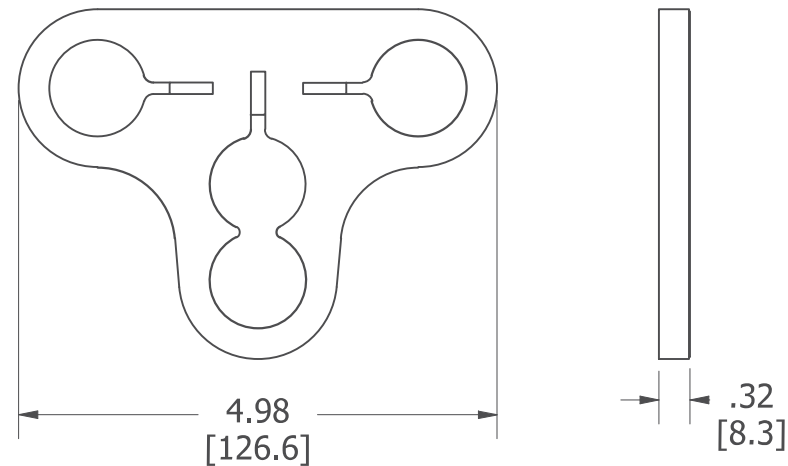
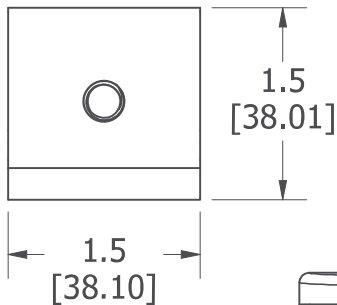


BASE AND DAM ASSEMBLY

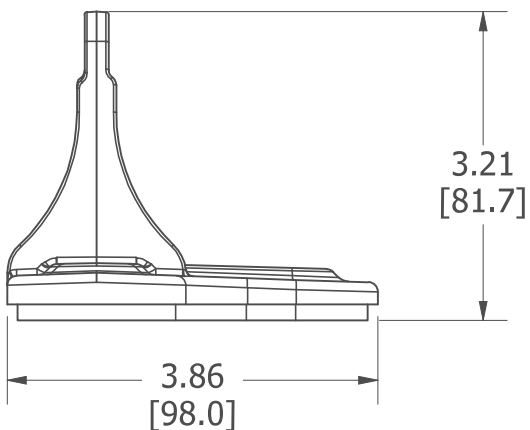
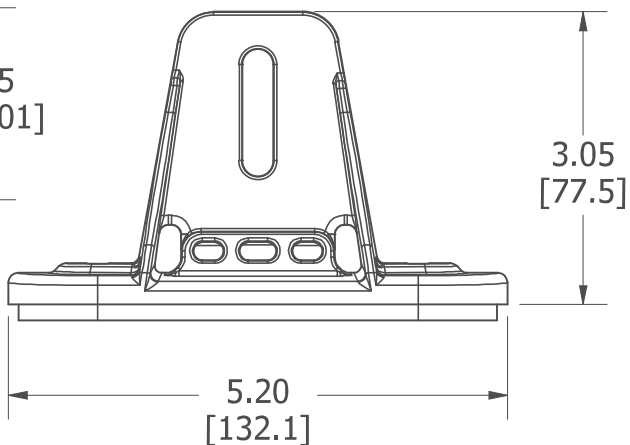
LIMITATION: THIS NOA COVERS THE UR SPEEDSEAL DECKFOOT, ITS CONNECTION TO PLYWOOD SHEATHING, AND THE RESISTANCE OF THE PLYWOOD FOR A MAX. SPAN OF 24". IT DOES NOT COVER THE ATTACHMENT OF THE PLYWOOD TO THE TRUSSES, JOISTS, OR RAFTERS WHICH MUST BE VERIFIED OR DESIGNED BY A PROFESSIONAL ENGINEER. SPACING FOR THE UR SPEEDSEAL DECKFOOT SHALL NOT BE LESS THAN 24" IN DIRECTION PERPENDICULAR TO THE SUPPORTS (TRUSSES, JOISTS, OR RAFTERS) AND NO LESS THAN 18" IN DIRECTION PARALLEL TO THE SUPPORTS (TRUSSES, JOISTS, OR RAFTERS).



ULTRA RAIL MOUNT




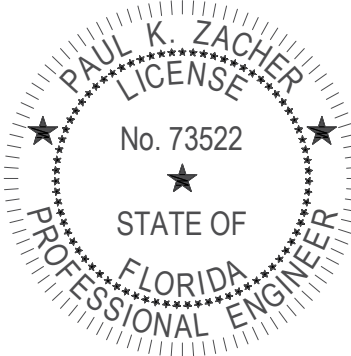
DAM DIMENSIONS

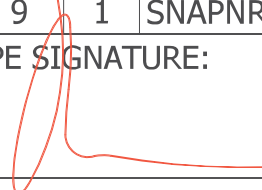


BASE WITH DAM DIMENSIONS

REVISION:		
A	11/17/2021	NEW ITEM DR

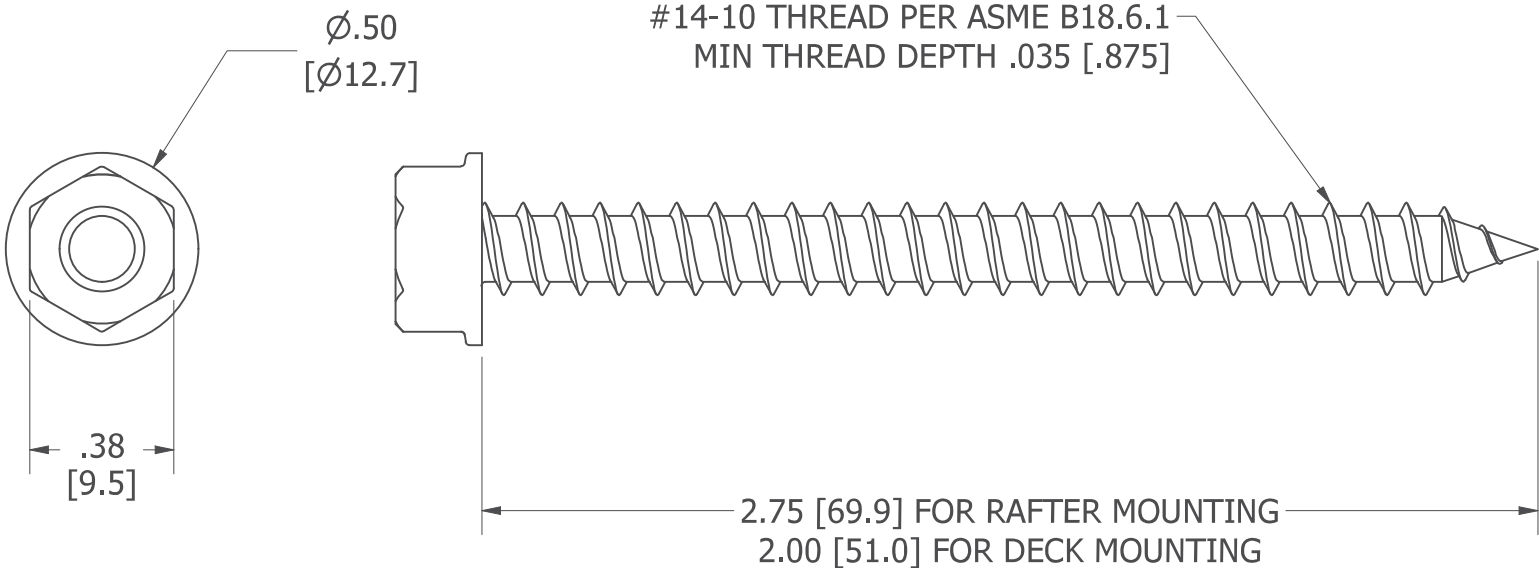
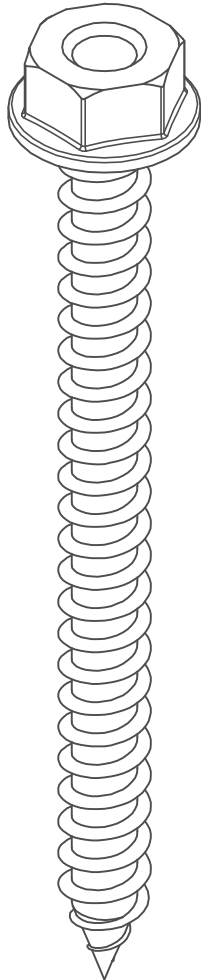
PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-0823.06
Approval Date 01/06/2022
By 
Miami-Dade Product Control




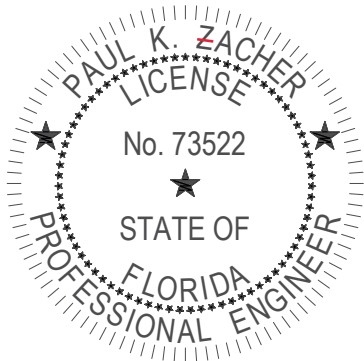
PARTS LIST						
ITEM	QTY	DESCRIPTION	MASS (LBM)	MATERIAL		MINIMUM YIELD (KSI)
1	1	SNAPNRACK, SPEEDSEAL DECKFOOT BASE	0.369	HIGH PRESS. DIE CAST A380 AL		22
2	1	SNAPNRACK, SPEEDSEAL DECKFOOT SEALANT DAM	0.081	CLOSED CELL FOAM: 1231 BU BL ELASTOMERIC BLEND		N/A
3	1	SNAPNRACK, SPEEDSEAL DECKFOOT HOLE COVER	0.004	PET PLASTIC		N/A
4	1	BOLT, FLANGE, SERRATED, 5-16IN-18 X 1-3-4IN, SS	0.057	STAINLESS STEEL		55
5	1	SNAPNRACK, RL UNIVERSAL, MOUNT SPRING, SS	0.001	STAINLESS STEEL		N/A
6	4	WOOD SCREW, FLANGE, #14-10, FULL THREAD, SS	0.029	STAINLESS STEEL		31
7	4	WASHER, METAL BONDED SEALING, FOR 1-4IN SCREW, 5-8IN OD	0.007	STAINLESS STEEL AND EPDM		N/A
8	1	SNAPNRACK, ULTRA RAIL MOUNT THRU, CLEAR	0.066	ALUMINUM 6005-T5		34.8
9	1	SNAPNRACK, ULTRA RAIL MOUNT TAPPED, CLEAR	0.057	ALUMINUM 6005-T5		34.8
PE SIGNATURE: 			PE DATE: 12-01-2021		DESCRIPTION: ASSEMBLY, UR SPEEDSEAL DECKFOOT	
DRAWING NUMBER: SNR-DC-00483			REV: A			
SUNRUN INSTALLATION SERVICES INC. DBA SNAPNRACK			775 FIERO LANE, SUITE 200 SAN LUIS OBISPO, CA 93401 CONTACT@SNAPNRACK.COM		UNITS: IN, LB, DEG [MM, KG, DEG]	
			DATE: 11/17/2021		SHEET SIZE: 11 IN X 17 IN	
			SCALE: DNS		SHEET NUMBER: 1 OF 9	


MATERIAL: 300 SERIES STAINLESS STEEL

REVISION:		
A	11/17/2021	NEW ITEM DR



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PE SIGNATURE: 		PE DATE: 12-01-2021	DESCRIPTION: WOOD SCREW				DRAWING NUMBER: SNR-DC-00483		REV: A
SUNRUN INSTALLATION SERVICES INC. DBA SNAPNRACK		775 FIERO LANE, SUITE 200 SAN LUIS OBISPO, CA 93401 CONTACT@SNAPNRACK.COM		UNITS: IN, LB, DEG [MM, KG, DEG]	DATE: 11/17/2021	SHEET SIZE: 11 IN X 17 IN	SCALE: DNS	SHEET NUMBER: 2 OF 9	

SNAPNRACK UR SPEEDSEAL DECKFOOT FOR COMPOSTION ROOF MOUNTING ONTO WOOD DECKING

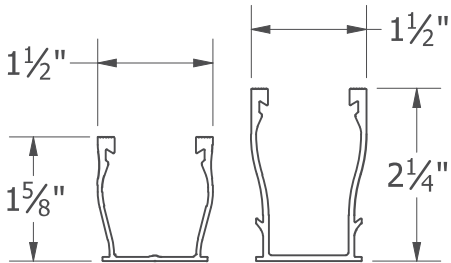
REFER TO SNAPNRACK ENGINEERING CHARTS FOR APPLICABLE RAIL SPANS

(X4) #14 FULLY THREADED WOOD SCREWS, S.S. MUST EMBED FULLY INTO MINIMUM 15/32" PLYWOOD

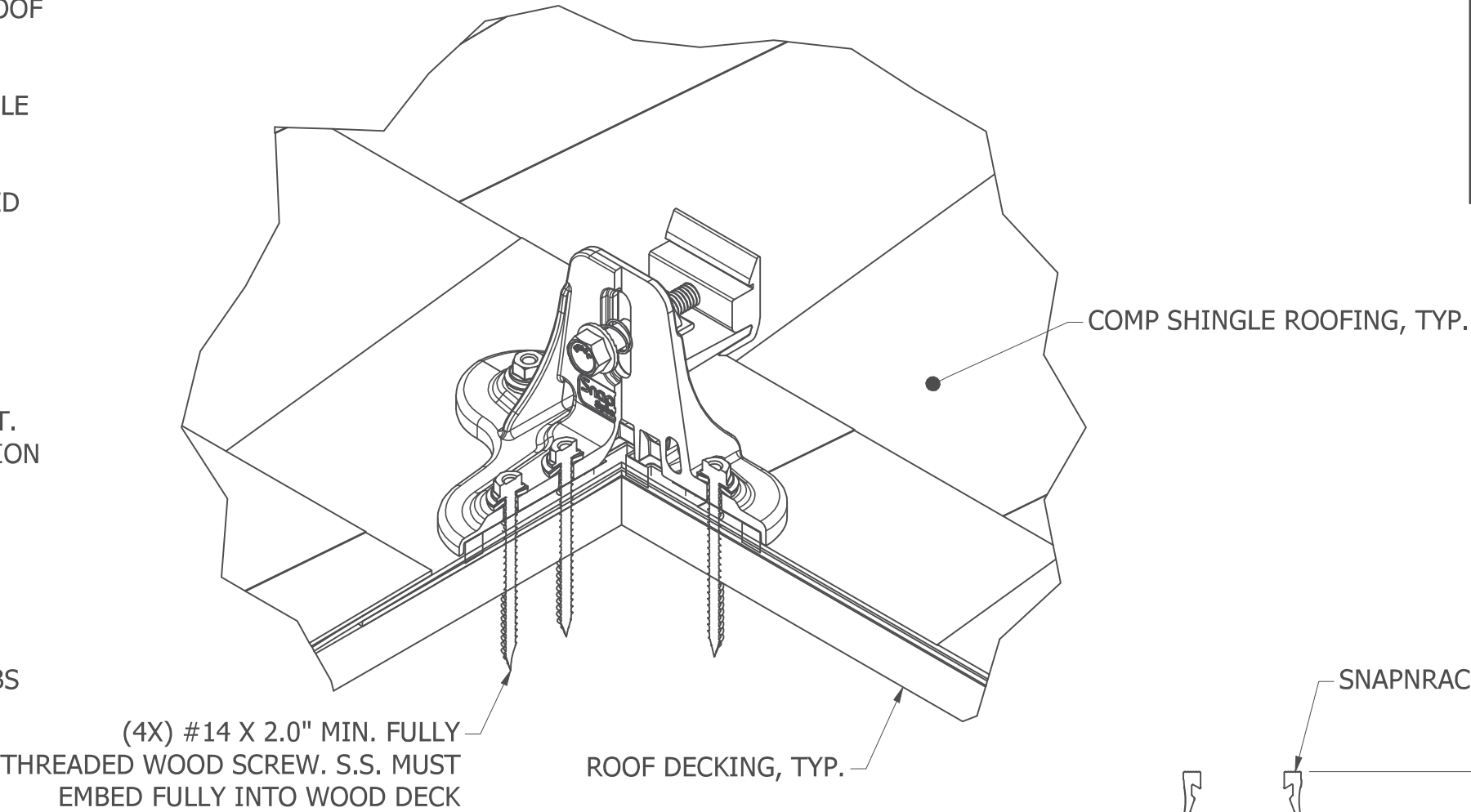
REFER TO SNAPNRACK INSTALLATION MANUAL FOR 5/16"Ø HARDWARE TORQUE SPECIFICATIONS

RAIL CAN MOUNT ON EITHER SIDE OF SPEEDSEAL DECKFOOT. SPEEDSEAL DECKFOOT CAN BE MOUNTED IN ANY ORIENTATION ON THE ROOF.

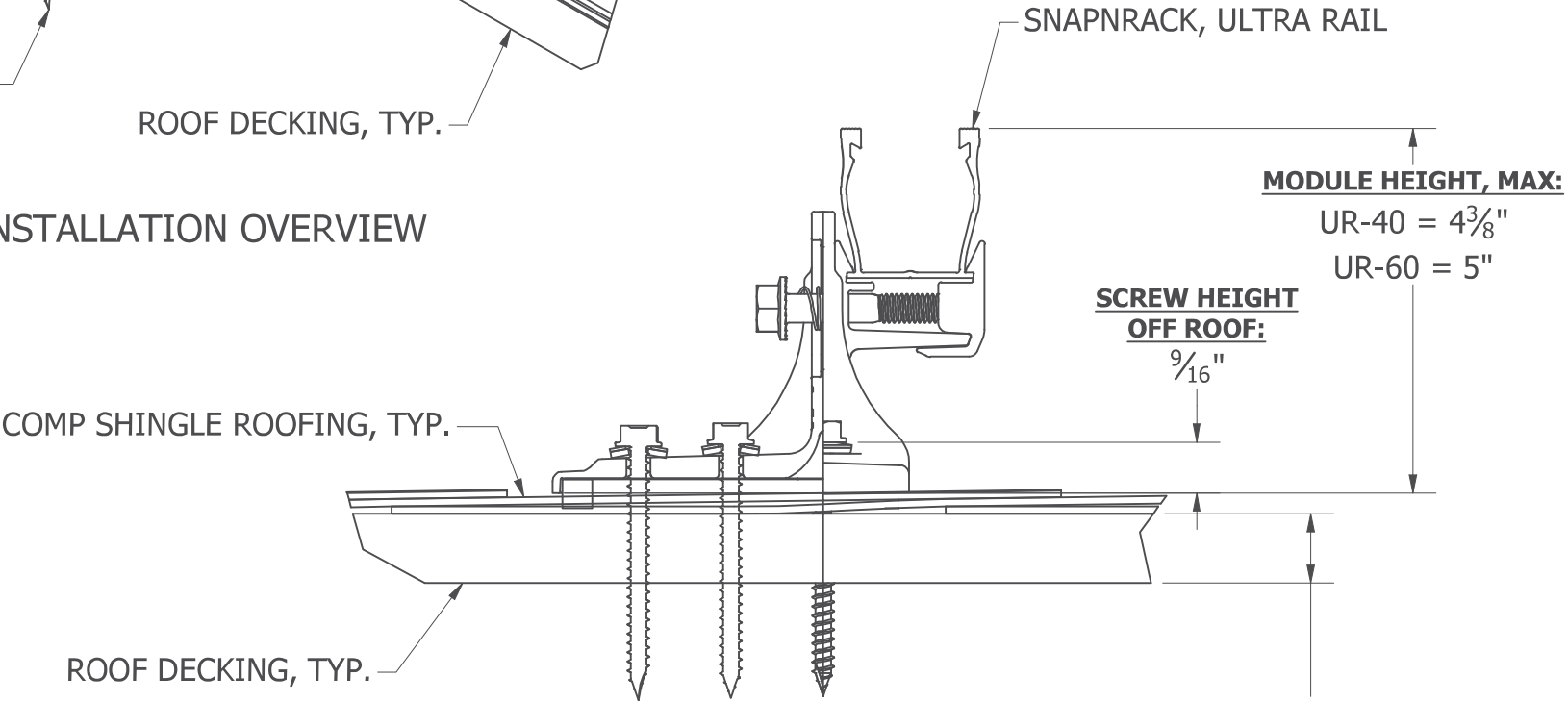
- PLYWOOD SPECIFICATIONS:
- MINIMUM SPECIFIC GRAVITY = 0.42
 - MINIMUM FASTENER EDGE DISTANCE = 0.375"
 - MINIMUM FASTENER END DISTANCE = 1.75"
 - TOTAL ALLOWABLE FASTENER WITHDRAWAL = 183.3 LBS
 - TOTAL ALLOWABLE FASTENER LATERAL = 250 LB



UR-40 RAIL | UR-60 RAIL
FOR USE WITH SNAPNRACK ULTRA SERIES RAILS

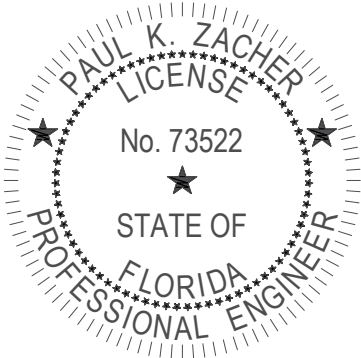


INSTALLATION OVERVIEW



ATTACHMENT DETAIL
SECTION VIEW

REVISION:		
A	11/17/2021	NEW ITEM DR



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PE SIGNATURE: <i>[Signature]</i>		PE DATE: 12-01-2021	DESCRIPTION: ATTACHMENT DETAIL, DECK MOUNT, UR SPEEDSEAL DECKFOOT			DRAWING NUMBER: SNR-DC-00483		REV: A
SUNRUN INSTALLATION SERVICES INC. DBA SNAPNRACK		775 FIERO LANE, SUITE 200 SAN LUIS OBISPO, CA 93401 CONTACT@SNAPNRACK.COM	UNITS: IN, LB, DEG [MM, KG, DEG]	DATE: 11/17/2021	SHEET SIZE: 11 IN X 17 IN	SCALE: DNS	SHEET NUMBER: 3 OF 9	

SNAPNRACK UR SPEEDSEAL DECKFOOT FOR COMPOSTION ROOF MOUNTING ONTO WOOD RAFTER

REFER TO SNAPNRACK ENGINEERING CHARTS FOR APPLICABLE RAIL SPANS.

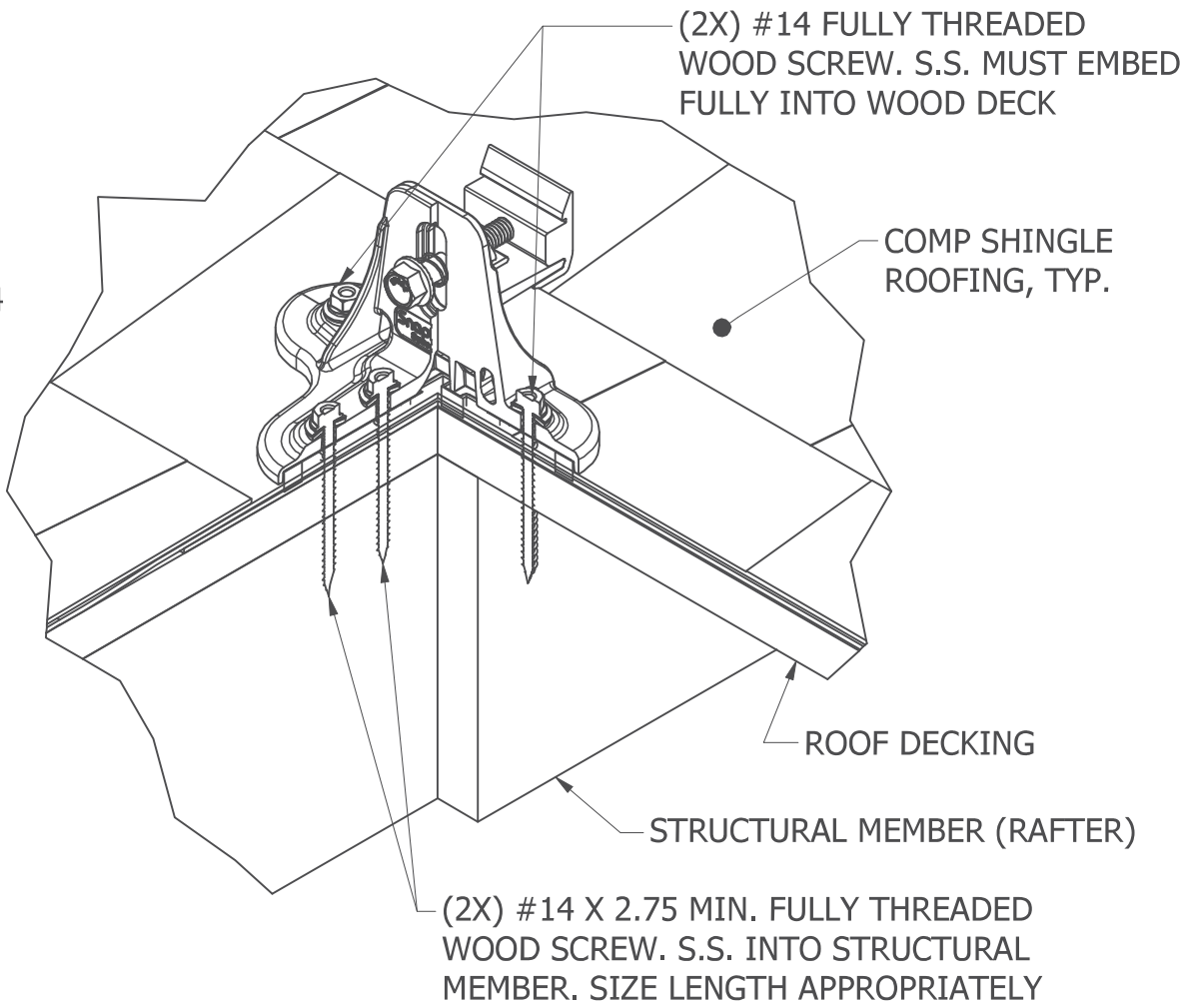
(X2) #14 FULLY THREADED WOOD SCREWS, S.S. MUST PENETRATE A MIN. OF 1½" INTO STRUCTURAL MEMBER. (X2) #14 FULLY THREADED WOOD SCREWS, S.S. MUST EMBED FULLY INTO WOOD DECK

REFER TO SNAPNRACK INSTALLATION MANUAL FOR 5⁄16"Ø HARDWARE TORQUE SPECIFICATIONS

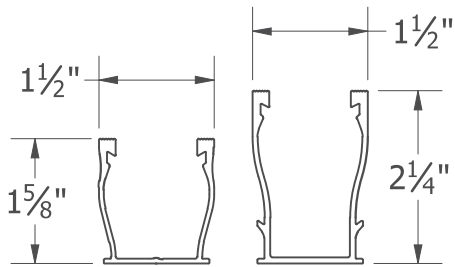
RAIL CAN MOUNT ON EITHER SIDE OF SPEEDSEAL DECKFOOT. SPEEDSEAL DECKFOOT CAN MOUNT UP, DOWN, OR ACROSS THE SLOPE OF THE ROOF

STRUCTURAL MEMBER SPECIFICATIONS:

- MINIMUM WOOD GRADE = SPF #2
- MINIMUM SPECIFIC GRAVITY = 0.42
- TOTAL ALLOWABLE FASTENER WITHDRAWAL = 448.3 LBS
- TOTAL ALLOWABLE FASTENER LATERAL = 250 LBS
- MINIMUM FASTENER EDGE DISTANCE = 0.375"
- MINIMUM FASTENER END DISTANCE = 1.75"

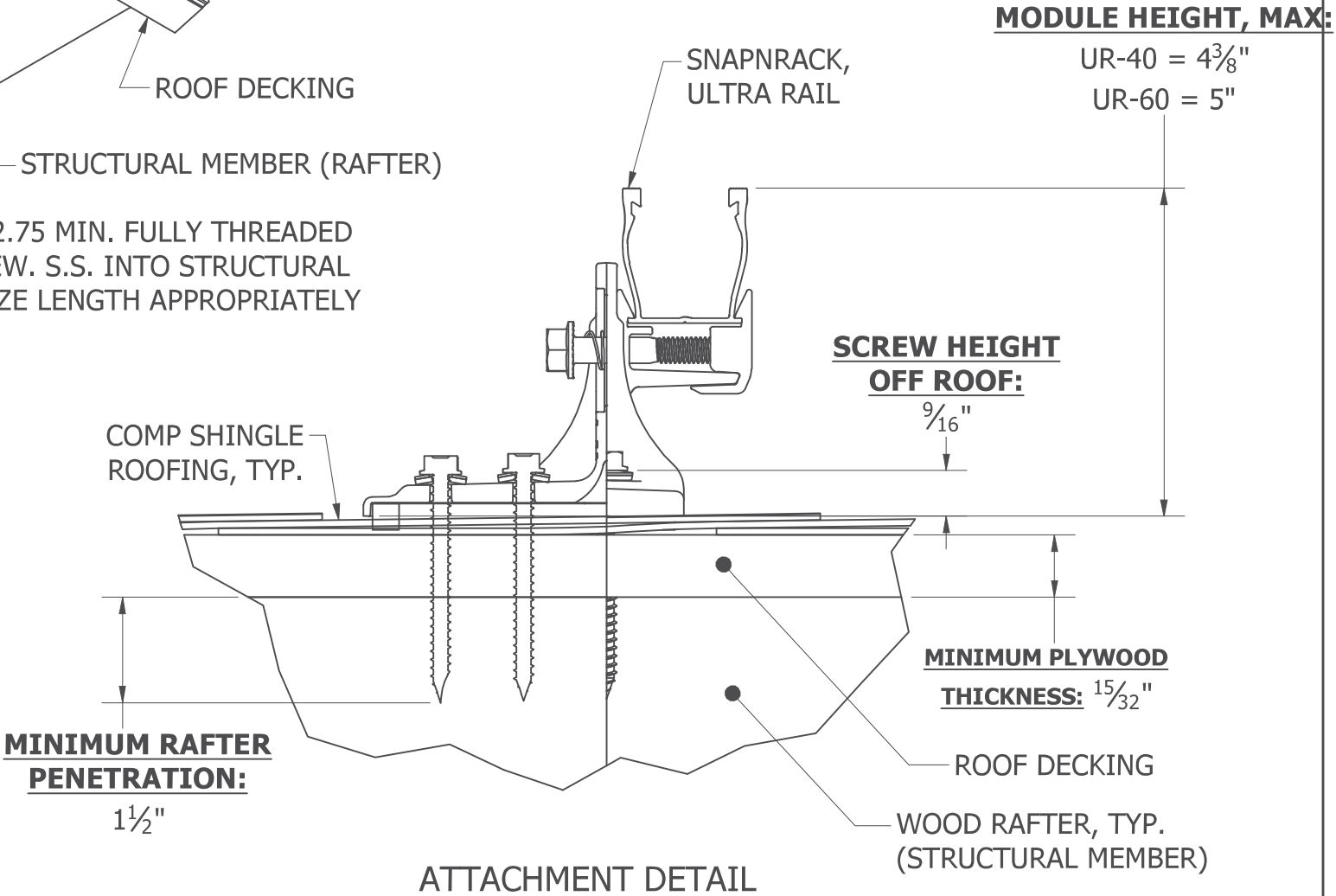


INSTALLATION OVERVIEW

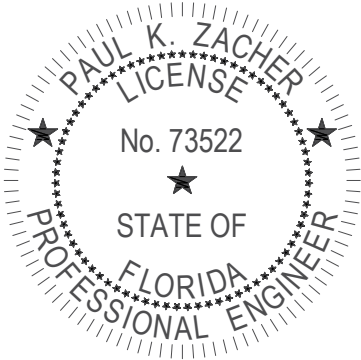


UR-40 RAIL | UR-60 RAIL
FOR USE WITH SNAPNRACK ULTRA SERIES RAILS

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By *[Signature]*
Miami-Dade Product Control



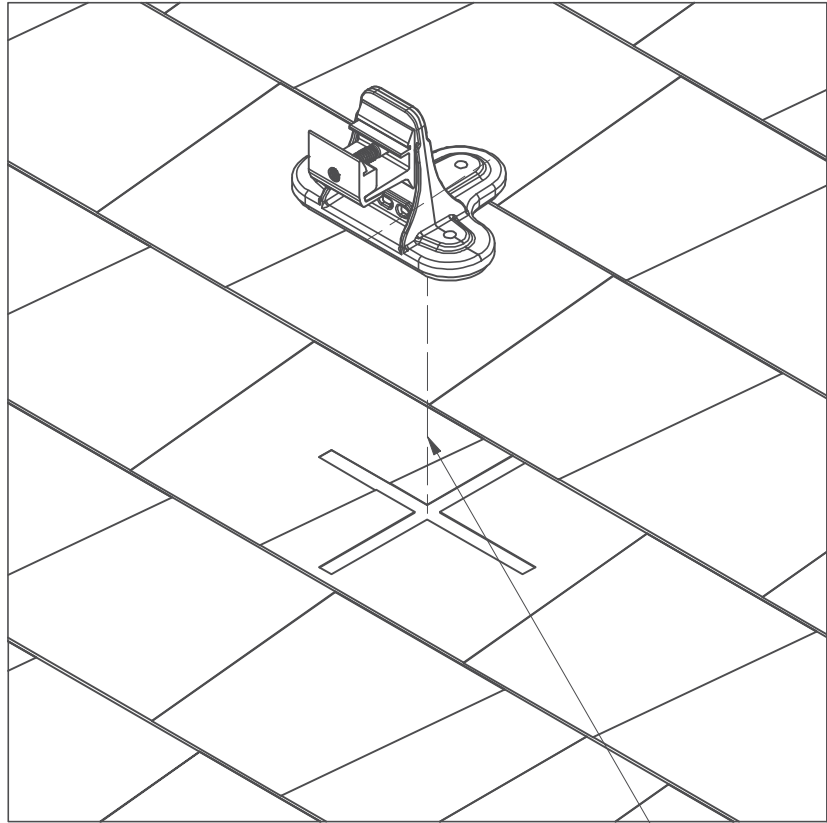
ATTACHMENT DETAIL



PE SIGNATURE: <i>[Signature]</i>		PE DATE: 12-01-2021	DESCRIPTION: ATTACHMENT DETAIL, RAFTER MOUNT, UR SPEEDSEAL DECKFOOT			DRAWING NUMBER: SNR-DC-00483		REV: A
SUNRUN INSTALLATION SERVICES INC. DBA SNAPNRACK		775 FIERO LANE, SUITE 200 SAN LUIS OBISPO, CA 93401 CONTACT@SNAPNRACK.COM	UNITS: IN, LB, DEG [MM, KG, DEG]	DATE: 11/17/2021	SHEET SIZE: 11 IN X 17 IN	SCALE: DNS	SHEET NUMBER: 4 OF 9	

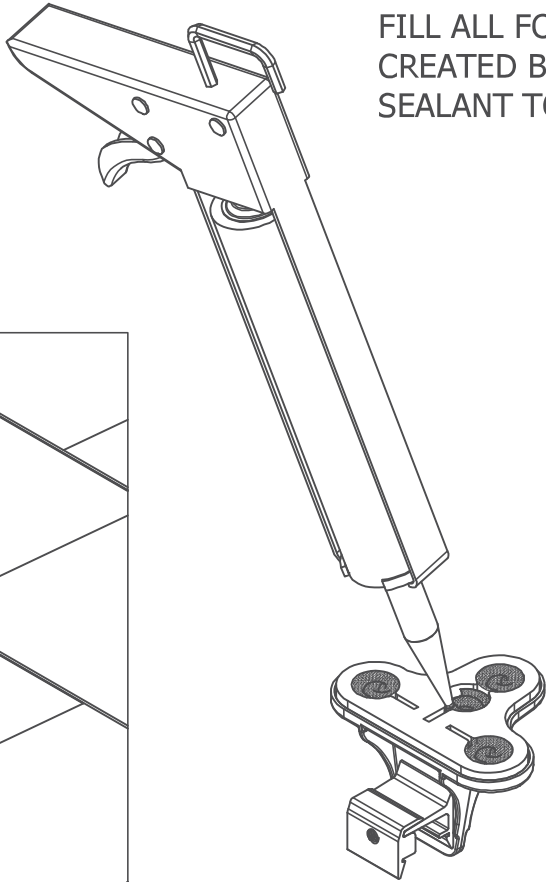
REQUIRED TOOLS:

- IMPACT DRIVER OR CORDLESS DRILL
- TORQUE WRENCH
- ROOF MARKING CRAYON
- SOCKET WRENCH
- 3/8" SOCKET
- MIAMI-DADE APPROVED ROOF SEALANT

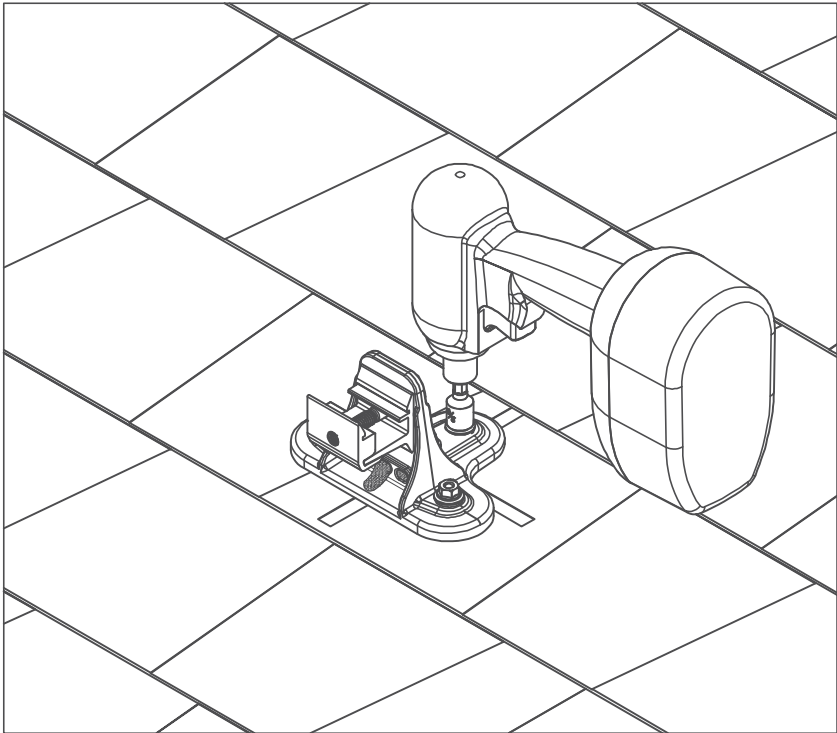


CENTER DECKFOOT ON THE COMPOSITION SHINGLE COURSE

STEP 1:
USING ROOF ATTACHMENT LOCATIONS DRAWN DURING SYSTEM LAYOUT, CHECK POSITIONING OF SPEEDSEAL DECKFOOT FOR PROPER ALIGNMENT ON SHINGLE COURSE.

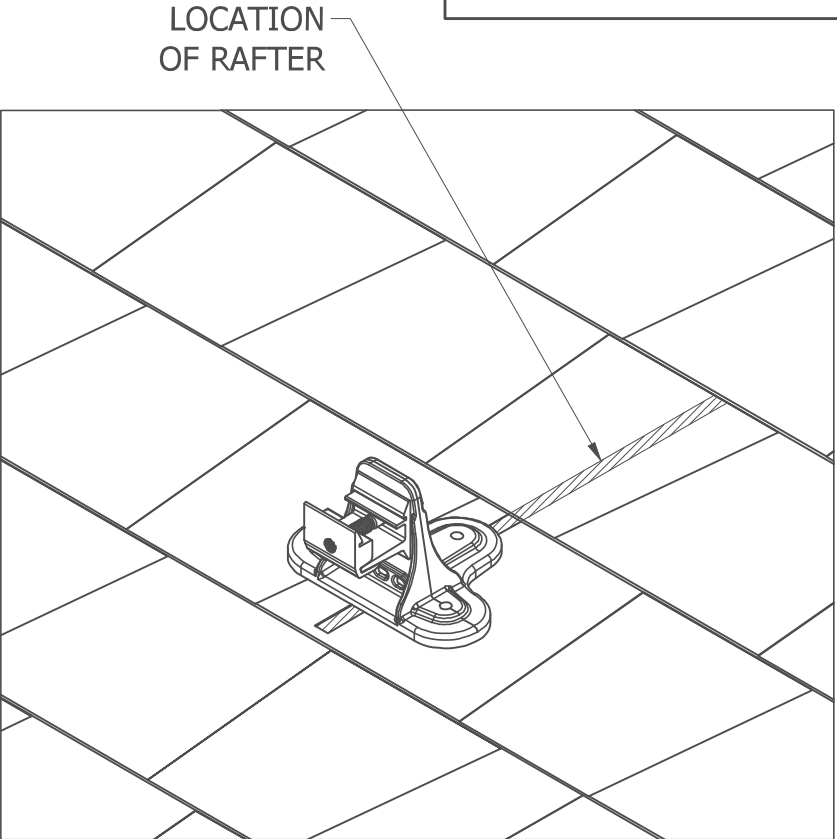


STEP 2:
FILL ALL FOUR CAVITIES ON BOTTOM OF SPEEDSEAL DECKFOOT CREATED BY SEALANT RING WITH MIAMI-DADE APPROVED ROOF SEALANT TO ENSURE A WATER TIGHT SEAL.




STEP 3:
INSERT FIRST #14 X 2" MIN. S.S. DECK SCREW AND SEALING WASHER THROUGH SPEEDSEAL DECKFOOT MOUNTING HOLE AND DRIVE INTO ROOF, THEN REPEAT FOR THE REMAINING THREE SCREWS.

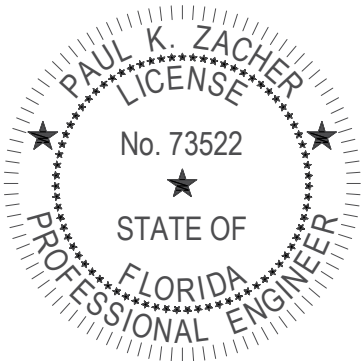
NOTE: ROOF SEALANT SHOULD SEEP OUT FROM ALL THREE SEALANT VENTS LOCATED UNDERNEATH THE ULTRA RAIL MOUNT, WHICH ENSURES THAT A SUFFICIENT AMOUNT OF ROOF SEALANT HAS BEEN APPLIED. IF SEALANT IS NOT SEEN FROM ALL THREE VENTS, REMOVE SPEEDSEAL DECKFOOT AND ADD MORE SELANT BEFORE REINSTALLING.




STEP 4:
OPTIONAL RAFTER ATTACHMENT STEP: AFTER LOCATING AND MARKING RAFTERS ON THE ROOF USE FOUR #14 X 2-3/4" MIN. S.S. SCREWS AND SEALING WASHERS TO ATTACH THE DECKFOOT TO RAFTERS AND DECKING FOLLOWING STEPS 1-3. THE TWO DECK SCREWS IN THE CENTER OF THE DECKFOOT MUST BE EMBEDDED INTO THE RAFTER.

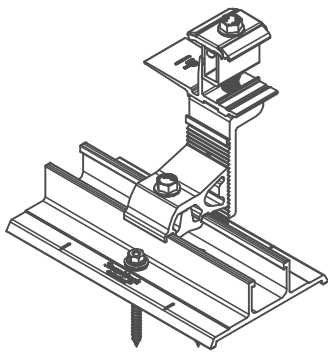
REVISION:		
A	11/17/2021	NEW ITEM DR

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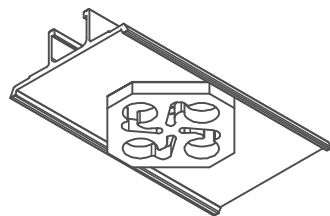


PE SIGNATURE: 		PE DATE: 12-01-2021	DESCRIPTION: INSTALLATION PROCEDURE, UR SPEEDSEAL DECKFOOT			DRAWING NUMBER: SNR-DC-00483		REV: A
SUNRUN INSTALLATION SERVICES INC. DBA SNAPNRACK		775 FIERO LANE, SUITE 200 SAN LUIS OBISPO, CA 93401 CONTACT@SNAPNRACK.COM	UNITS: IN, LB, DEG [MM, KG, DEG]	DATE: 11/17/2021	SHEET SIZE: 11 IN X 17 IN	SCALE: DNS	SHEET NUMBER: 5 OF 9	

LIMITATION: THIS NOA COVERS THE RL-U SPEEDSEAL DECKTRACK, ITS CONNECTION TO PLYWOOD SHEATHING, AND THE RESISTANCE OF THE PLYWOOD FOR A MAX. SPAN OF 24". IT DOES NOT COVER THE ATTACHMENT OF THE PLYWOOD TO THE TRUSSES, JOISTS, OR RAFTERS WHICH MUST BE VERIFIED OR DESIGNED BY A PROFESSIONAL ENGINEER. SPACING FOR THE RL-U SPEEDSEAL DECKTRACK SHALL NOT BE LESS THAN 24" IN DIRECTION PERPENDICULAR TO THE SUPPORTS (TRUSSES, JOISTS, OR RAFTERS) AND NO LESS THAN 18" IN DIRECTION PARALLEL TO THE SUPPORTS (TRUSSES, JOISTS, OR RAFTERS).

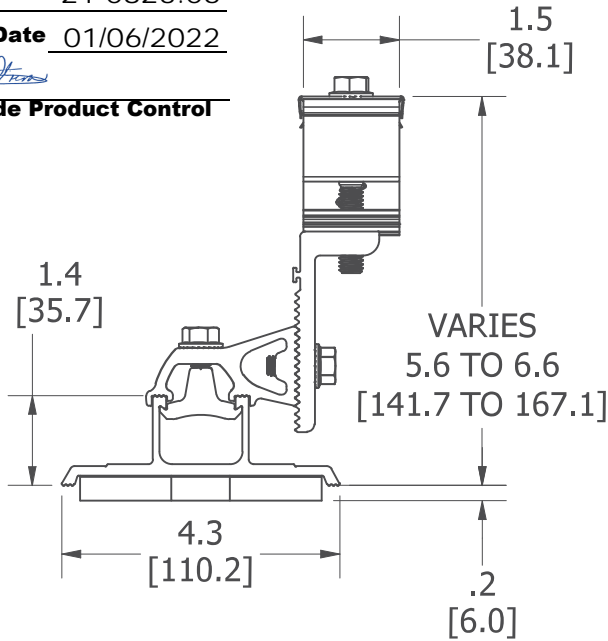


COMPLETE ASSEMBLY

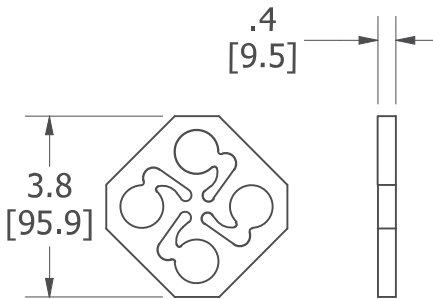
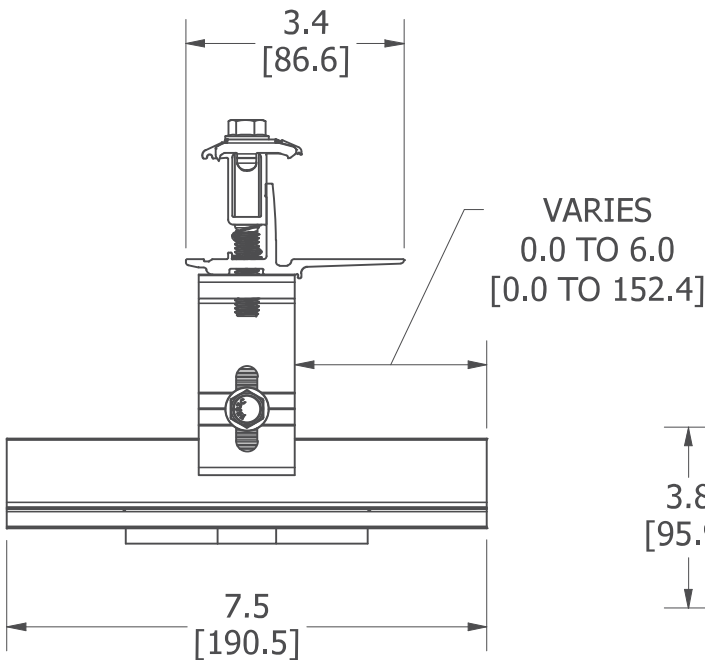


DECKTRACK AND DAM ASSEMBLY

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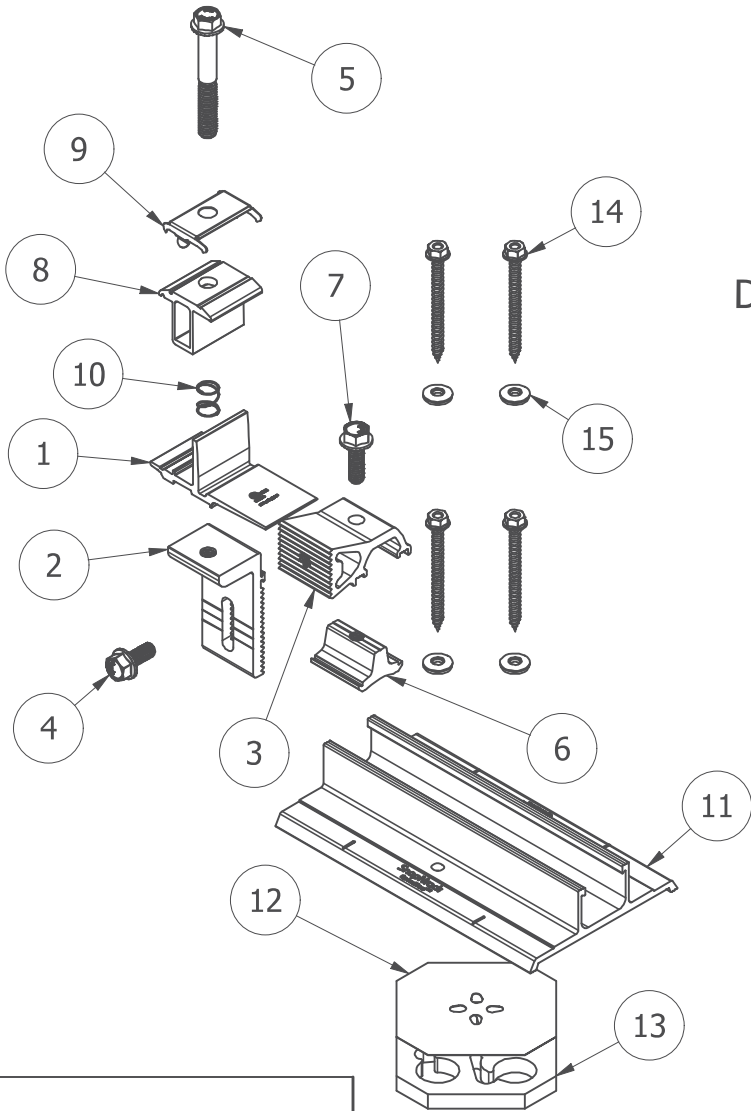


MOUNT WITH DAM DIMENSIONS



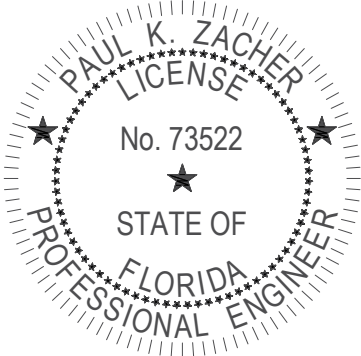
DAM DIMENSIONS

REVISION:		
A	11/17/2021	NEW ITEM DR



EXPLODED

PARTS LIST						
ITEM	QTY	DESCRIPTION	MASS (LBM)	MATERIAL	MINIMUM YIELD (KSI)	MINIMUM ULTIMATE (KSI)
1	1	SNAPNRACK, RL UNIVERSAL, MOUNT BOTTOM, MILL	0.092	ALUMINUM 6005 T-5	34.8	37.7
2	1	SNAPNRACK, RL UNIVERSAL, LEVELER, MILL	0.160	ALUMINUM 6005 T-5	34.8	37.7
3	1	SNAPNRACK, RL UNIVERSAL, RISER, MILL	0.152	ALUMINUM 6005 T-5	34.8	37.7
4	1	BOLT, FLANGE, 5-16IN-18 X 3-4IN, CLEAR, SS	0.033	STAINLESS STEEL	55	95
5	1	BOLT, FLANGE, SERRATED, 3/8IN-16 X 2-3/4IN, 1/2IN TRIM HEAD	0.099	STAINLESS STEEL	55	95
6	1	SNAPNRACK, DROP IN/ROCK IN CHANNEL NUT	0.065	ALUMINUM 6005 T-5	34.8	37.7
7	1	BOLT, FLANGE, SERRATED, 5/16IN-18 X 1IN, SS	0.039	STAINLESS STEEL	55	95
8	1	SNAPNRACK, RL UNIVERSAL, MOUNT TOP, BLACK	0.069	ALUMINUM 6005 T-5	34.8	37.7
9	1	SNAPNRACK, RL UNIVERSAL, BONDING CLIP	0.014	HALF HARD STAINLESS STEEL	N/A	N/A
10	1	SNAPNRACK, RL UNIVERSAL, MOUNT SPRING, SS	0.001	STAINLESS STEEL	N/A	N/A
11	1	SNAPNRACK, SPEEDSEAL DECKTRACK, 7-1-2IN, MILL	0.723	ALUMINUM 6005 T-5	34.8	37.7
12	1	SNAPNRACK, SPEEDSEAL DECKTRACK HOLE COVER	0.007	PET PLASTIC	N/A	N/A
13	1	SNAPNRACK, SPEEDSEAL DECKTRACK SEALANT DAM	0.112	CLOSED CELL FOAM: 1231 BU BL ELASTOMERIC BLEND	N/A	N/A
14	4	WOOD SCREW, FLANGE, #14-10 X 2-3-4IN LENGTH, FULL THREAD	0.029	STAINLESS STEEL	N/A	N/A
15	4	WASHER, METAL BONDED SEALING, FOR 1-4IN SCREW, 5-8IN OD	0.007	STAINLESS STEEL AND EPDM	N/A	N/A



PE SIGNATURE:

[Signature]

PE DATE:

12-01-2021

DESCRIPTION:

ASSEMBLY, RL-U SPEEDSEAL DECKTRACK MOUNT

DRAWING NUMBER:

SNR-DC-00483

REV:

A

SUNRUN INSTALLATION SERVICES INC.
DBA SNAPNRACK

775 FIERO LANE, SUITE 200
SAN LUIS OBISPO, CA 93401
CONTACT@SNAPNRACK.COM

UNITS:
IN, LB, DEG
[MM, KG, DEG]

DATE:
11/17/2021

SHEET SIZE:
11 IN X 17 IN

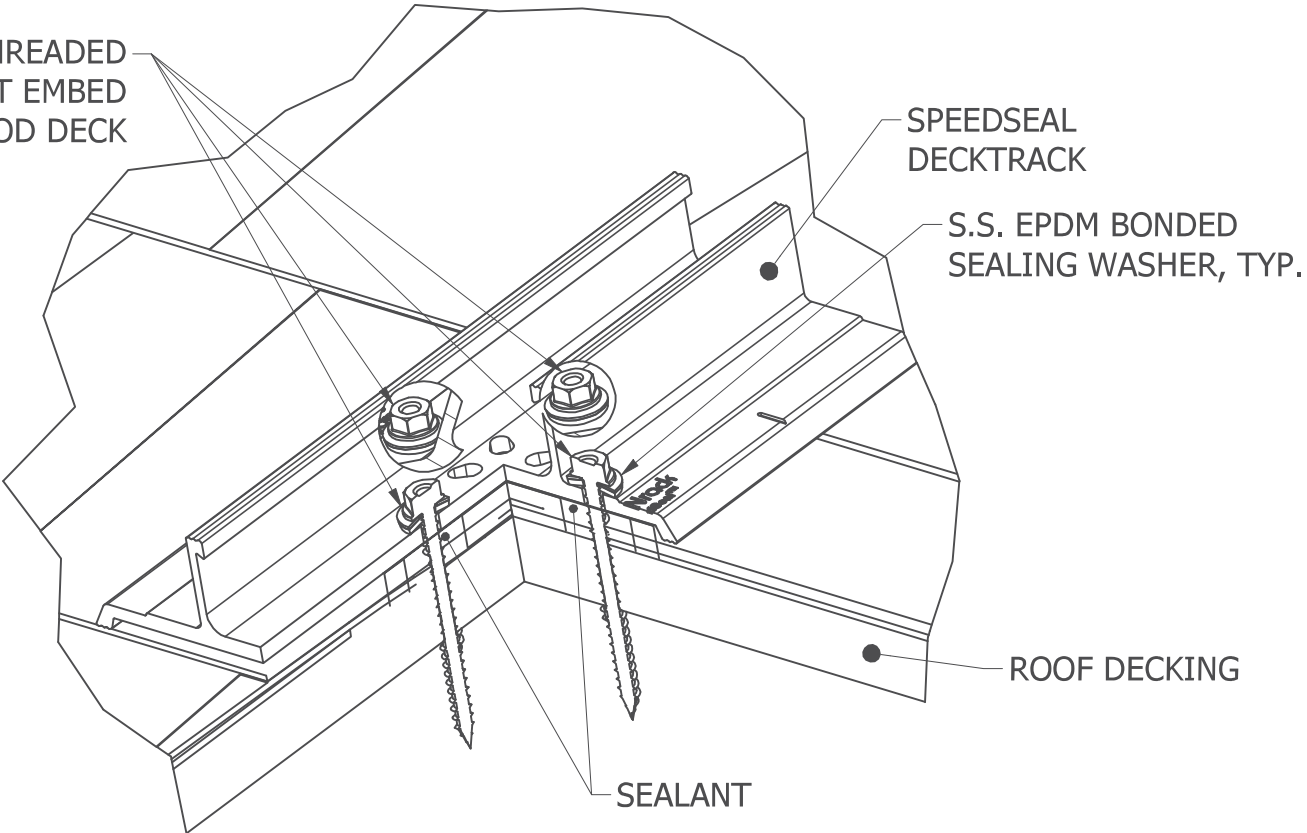
SCALE:
DNS

SHEET NUMBER:
6 OF 9

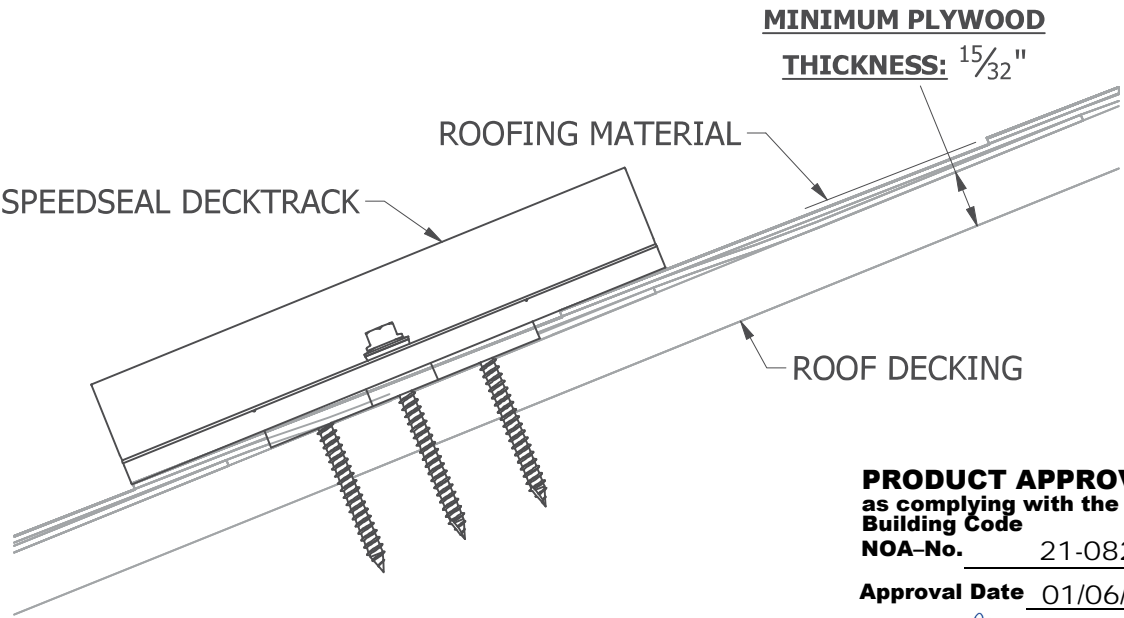
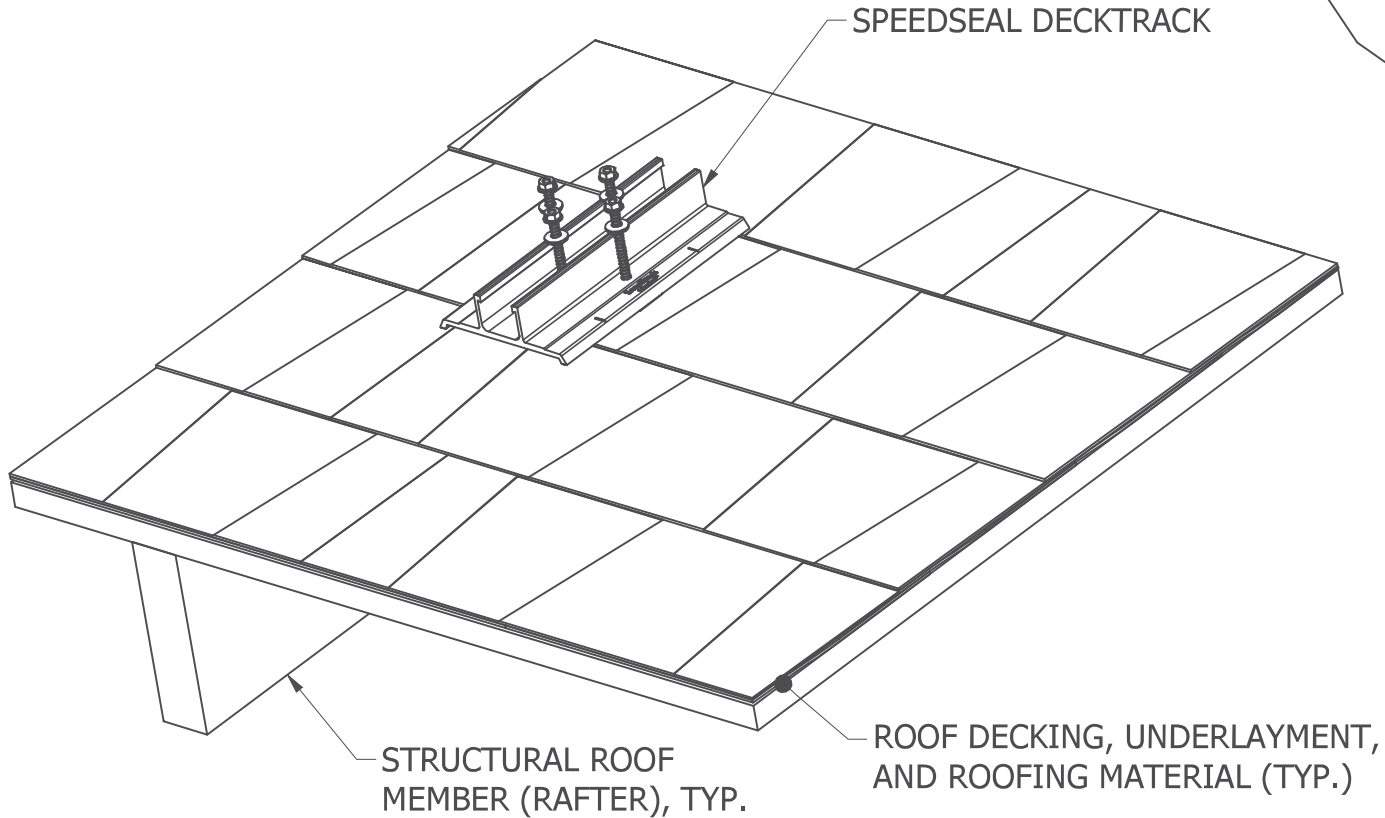
SNAPNRACK RL UNIVERSAL SPEEDSEAL DECKTRACK
COMPOSITION ROOF MOUNTING ONTO DECK
REFER TO SNAPNRACK ENGINEERING CHARTS FOR
APPLICABLE MOUNT SPANS
(X4) #14 FULLY THREADED WOOD SCREWS, S.S. MUST EMBED
FULLY INTO 15/32" MINIMUM PLYWOOD

- PLYWOOD SPECIFICATIONS:
- MINIMUM SPECIFIC GRAVITY = 0.42
 - MINIMUM FASTENER EDGE DISTANCE = 0.375"
 - MINIMUM FASTENER END DISTANCE = 1.75"
 - TOTAL ALLOWABLE FASTENER WITHDRAWAL = 216.7 LBS
 - TOTAL ALLOWABLE FASTENER LATERAL = 250 LBS


(4X) #14 X 2.00" MIN. FULLY THREADED
WOOD SCREW, S.S. MUST EMBED
FULLY INTO WOOD DECK



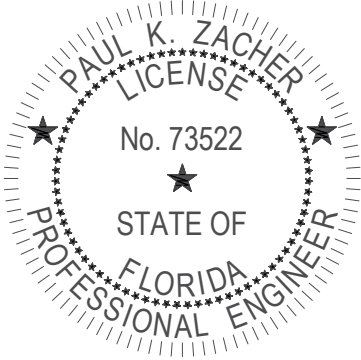
COMPLETED
INSTALLATION




REVISION:		
A	11/17/2021	NEW ITEM DR

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-0823.06
Approval Date 01/06/2022
By 
Miami-Dade Product Control

COMPLETED
INSTALLATION



PE SIGNATURE: 		PE DATE: 12-01-2021	DESCRIPTION: ATTACHMENT DETAIL, DECK MOUNT, RL-U SPEEDSEAL DECKTRACK			DRAWING NUMBER: SNR-DC-00483		REV: A
SUNRUN INSTALLATION SERVICES INC. DBA SNAPNRACK		775 FIERO LANE, SUITE 200 SAN LUIS OBISPO, CA 93401 CONTACT@SNAPNRACK.COM	UNITS: IN, LB, DEG [MM, KG, DEG]	DATE: 11/17/2021	SHEET SIZE: 11 IN X 17 IN	SCALE: DNS	SHEET NUMBER: 7 OF 9	

SNAPNRACK RL UNIVERSAL SPEEDSEAL DECKTRACK
COMPOSITION ROOF MOUNTING ONTO WOOD RAFTER
REFER TO SNAPNRACK ENGINEERING CHARTS FOR
APPLICABLE RAIL SPANS
(X2) #14 FULLY THREADED WOOD SCREWS, S.S. MUST
PENETRATE A MIN. OF 1-1/2" INTO STRUCTURAL MEMBER.
(X2) #14 FULLY THREADED WOOD SCREWS, S.S. MUST
EMBED FULLY INTO WOOD DECK

STRUCTURAL MEMBER SPECIFICATIONS:

- MINIMUM WOOD GRADE = SPF #2
- MINIMUM SPECIFIC GRAVITY = 0.42
- TOTAL ALLOWABLE FASTENER UPLIFT = 392.7 LBS
- TOTAL ALLOWABLE FASTENER LATERAL = 250 LBS
- MINIMUM FASTENER EDGE DISTANCE = 0.375"
- MINIMUM FASTENER END DISTANCE = 1.75"

(2X) #14 X 2.75" FULLY
THREADED WOOD SCREW, S.S.
MUST EMBED FULLY INTO STRUCTURAL
MEMBER. SIZE LENGTH APPROPRIATELY

STRUCTURAL MEMBER (RAFTER)

SPEEDSEAL DECKTRACK


S.S. EPDM BONDED
SEALING WASHER, TYP.

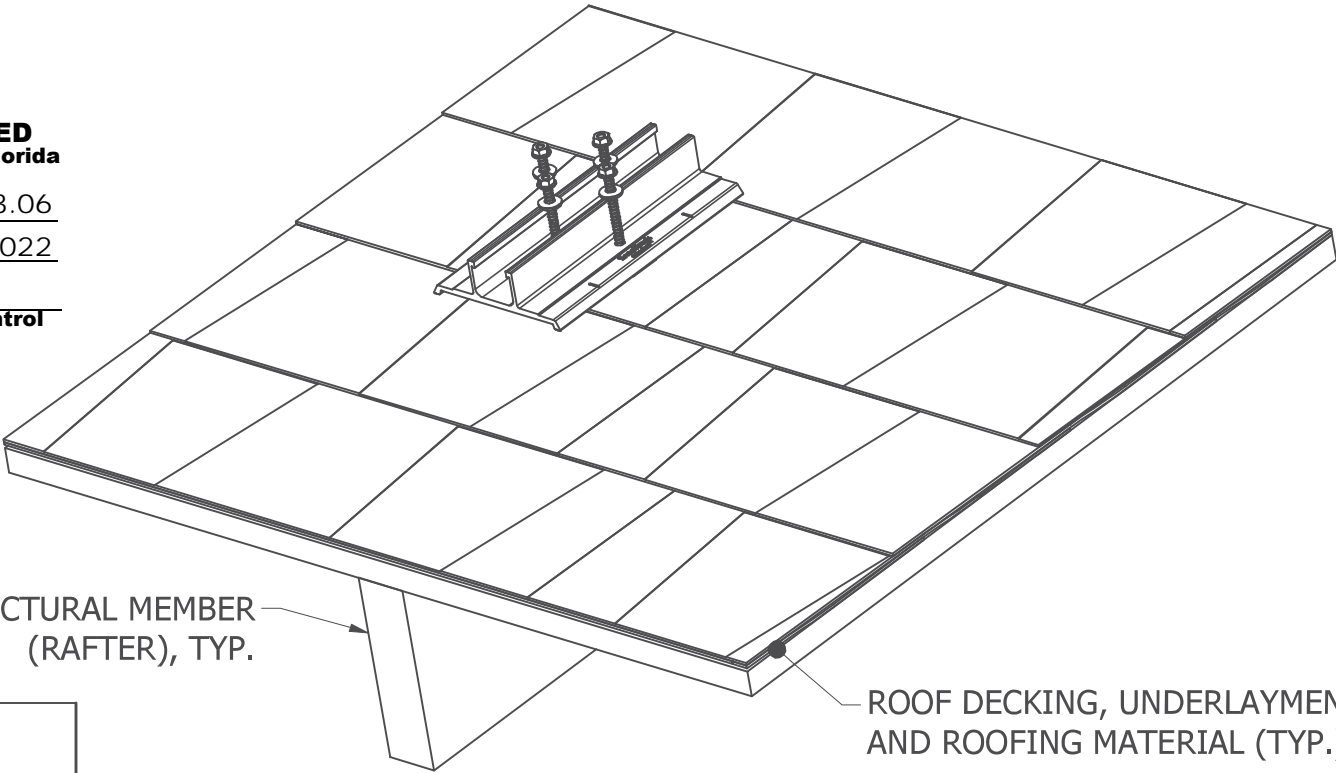
COMP SHINGLE
ROOFING, TYP.

ROOF DECKING

(2X) #14 X 2.75" MIN. FULLY THREADED S.S. WOOD
SCREW, MUST EMBED FULLY INTO WOOD DECK

INSTALLATION OVERVIEW

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-0823.06
Approval Date 01/06/2022
By 
Miami-Dade Product Control



STRUCTURAL MEMBER
(RAFTER), TYP.

ROOF DECKING, UNDERLAYMENT,
AND ROOFING MATERIAL (TYP.)

**MINIMUM PENETRATION
INTO STRUCTURAL MEMBER:**

1-1/2"

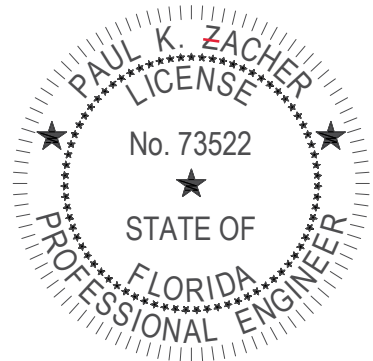
ROOFING
MATERIAL

SPEEDSEAL DECKTRACK

**MINIMUM PLYWOOD
THICKNESS:** 15/32"

ROOF DECKING

COMPLETED INSTALLATION



PE SIGNATURE:

PE DATE:

12-01-2021

DESCRIPTION:

ATTACHMENT DETAIL, RAFTER MOUNT, RL-U SPEEDSEAL
DECKTRACK

DRAWING NUMBER:

SNR-DC-00483

REV:

A

SUNRUN INSTALLATION SERVICES INC.
DBA SNAPNRACK

775 FIERO LANE, SUITE 200
SAN LUIS OBISPO, CA 93401
CONTACT@SNAPNRACK.COM

UNITS:
IN, LB, DEG
[MM, KG, DEG]

DATE:

11/17/2021

SHEET SIZE:

11 IN X 17 IN

SCALE:

DNS

SHEET NUMBER:

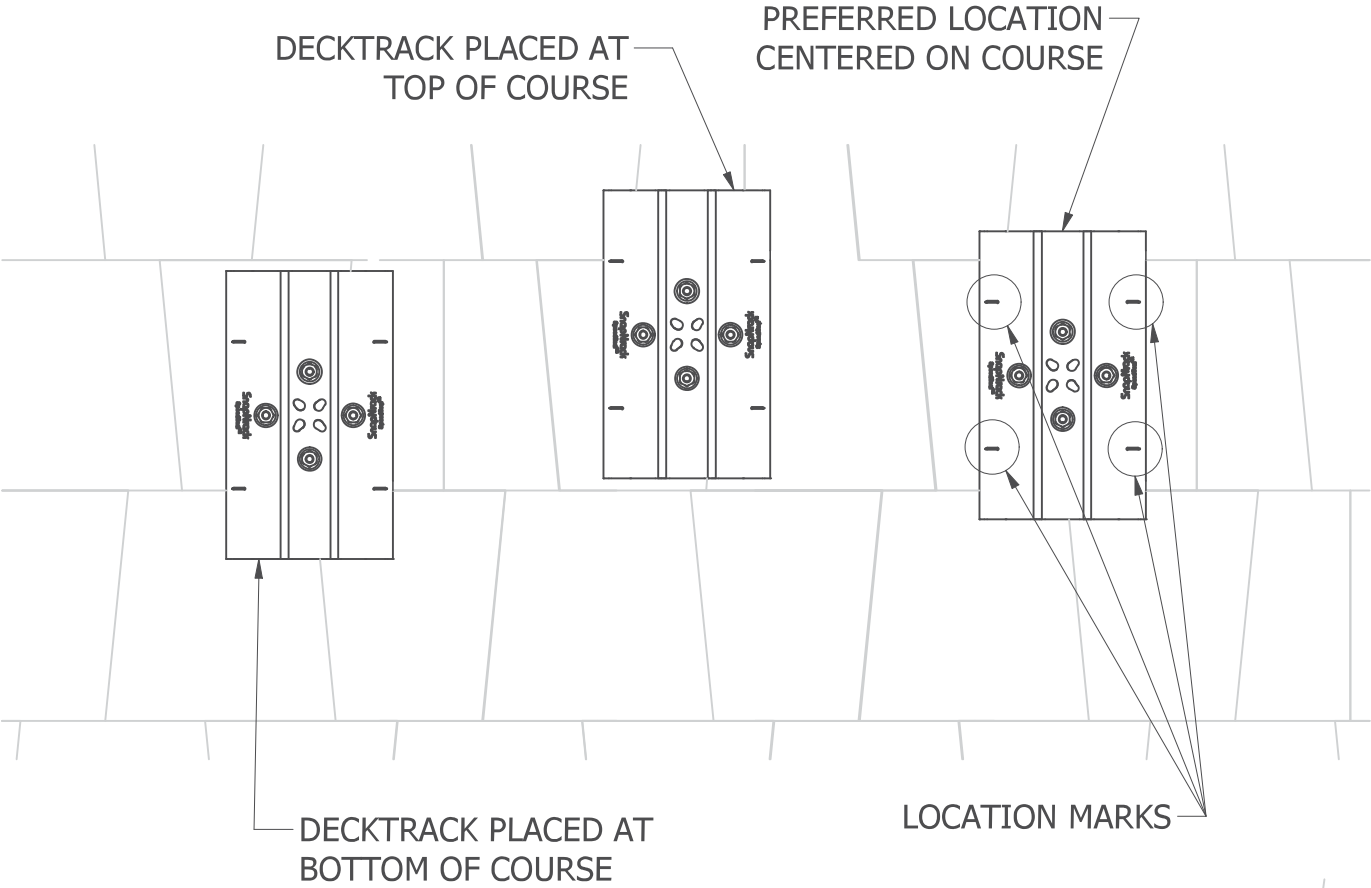
8 OF 9

REQUIRED TOOLS:

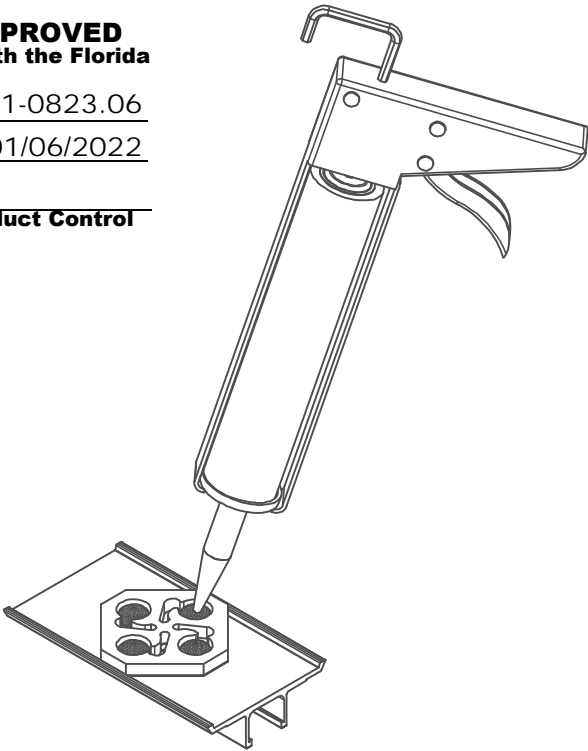
- IMPACT DRIVER OR CORDLESS DRILL
- TORQUE WRENCH
- ROOF MARKING CRAYON
- SOCKET WRENCH
- 3/8" SOCKET
- MIAMI-DADE APPROVED ROOF SEALANT

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-0823.06
Approval Date 01/06/2022
By *[Signature]*
Miami-Dade Product Control

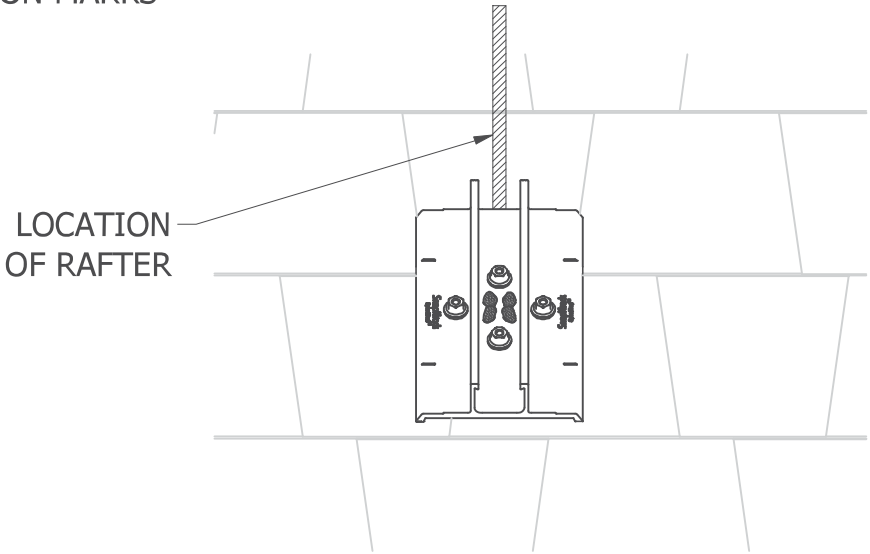
REVISION:		
A	11/17/2021	NEW ITEM DR



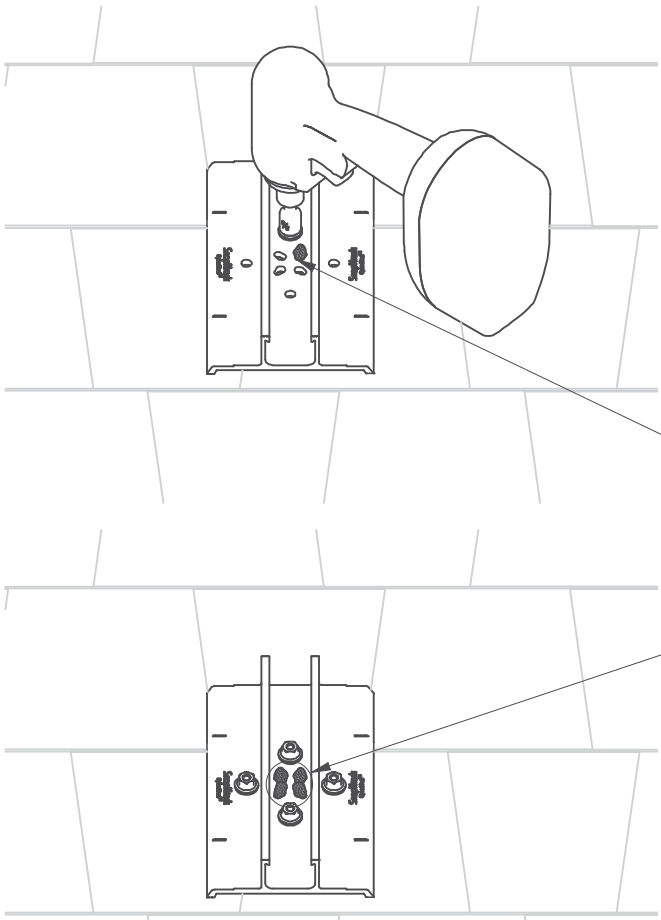
STEP 1:
POSITION THE SPEEDSEAL DECKTRACK. DECKTRACKS MUST BE POSITIONED WITH THE PORTION BETWEEN ALIGNMENT MARKS ENTIRELY ON ONE COURSE OF COMPOSITION SHINGLE. ALL FOUR LOCATION MARKS ON THE TOP OF THE DECKTRACK MUST BE OVER A SINGLE COURSE.



STEP 2:
FILL ALL FOUR CAVITIES ON BOTTOM OF SPEEDSEAL DECKTRACK CREATED BY FOAM SEALANT DAM WITH MIAMI-DADE APPROVED ROOF SEALANT TO ENSURE A WATERTIGHT SEAL.



LOCATION OF RAFTER



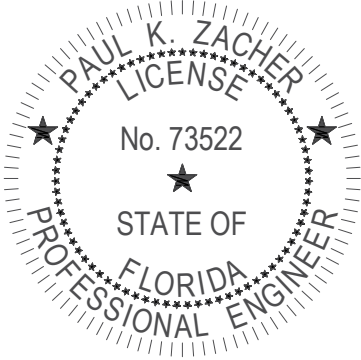
ROOF SEALANT EXPELLED FROM SEALANT VENT IN TOP OF DECKTRACK


ROOF SEALANT WILL BE VISIBLE FROM ALL FOUR SEALANT VENTS WHEN PROPERLY INSTALLED

STEP 3:
ATTACH SPEEDSEAL DECKTRACK TO ROOF USING THE FOUR #14 X 2" MIN. S.S. SCREWS AND SEALING WASHERS.

NOTE: ROOF SEALANT SHOULD BE EXPELLED FROM THE TOPS OF ALL FOUR VENT HOLES IN THE CENTER OF THE DECKTRACK. IF NO SEALANT IS EXPELLED, LOOSEN BUT DO NOT REMOVE THE SCREWS, ADD SEALANT TO THE CAVITIES, AND REINSTALL ON ROOF.

STEP 4:
OPTIONAL RAFTER ATTACHMENT STEP: AFTER LOCATING AND MARKING RAFTERS ON THE ROOF USE FOUR #14 X 2-3/4" MIN. S.S. SCREWS AND SEALING WASHERS TO ATTACH THE DECKTRACK TO RAFTERS AND DECKING FOLLOWING STEPS 1-3. THE TWO DECK SCREWS IN THE CENTER OF THE DECKTRACK MUST BE EMBEDDED INTO THE RAFTER.



COPIES.		PE SIGNATURE:		PE DATE:		DESCRIPTION:				DRAWING NUMBER:				REV:			
				12-01-2021		INSTALLATION PROCEDURE, RL UNIVERSAL SPEEDSEAL DECKTRACK				SNR-DC-00483				A			
SUNRUN INSTALLATION SERVICES INC. DBA SNAPNRACK				775 FIERO LANE, SUITE 200 SAN LUIS OBISPO, CA 93401 CONTACT@SNAPNRACK.COM				UNITS: IN, LB, DEG [MM, KG, DEG]		DATE: 11/17/2021		SHEET SIZE: 11 IN X 17 IN		SCALE: DNS		SHEET NUMBER: 9 OF 9	