NOTICE OF ACCEPTANCE (NOA)

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: Unirac Solarmount Solar Mounting System

APPROVAL DOCUMENT: 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., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval 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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

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

NOA No. 19-0429.02
Expiration Date: 05/21/2025
Approval Date: 05/21/2020
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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
   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

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 19-0429.02
Expiration Date: 05/21/2025
Approval Date: 05/21/2020
SYSTEM IS SECURED TO ROOF STRUCTURE 
(BY OTHERS) AS SOLAR PANEL RACK.

PC RACKING SYSTEM IS NOT RATED FOR IMPACT.

SOLAR PV RACKING SYSTEM

DESIGN LOAD RATING FOR SOLAR PANEL RACK TO BE AS PER CHARTS 
SHOWN ON SHEET 2 AND 3.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH 
THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING 
CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS 
AND INSTALLED PER LOAD RATING CHARTS. SPECIFIED EMBEDMENT TO BASE 
MATERIAL SHALL BE BEYOND ROOF SHEATHING.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT 
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE 
REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION 
FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY 
OF STRUCTURE RECEIVING THIS PRODUCT AND WEATHER SEALING FOR 
WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY 
AND TO BE REVIEWED BY BUILDING OFFICIAL.

MANUFACTURER’S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION 
IN ACCORDANCE WITH SECTION 1703.5 OF FLORIDA BUILDING CODE. LABELING 
TO COMPLY WITH SECTION 1703.5.

MAX. ROOF SLOPE PER FLORIDA BUILDING CODE, 2017 EDITION.

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<thead>
<tr>
<th>ITEM #</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
<td>315168M, 315168D, 315246M, 315246D</td>
<td>SOLAR MOUNT LIGHT RAIL</td>
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<td>2</td>
<td>302132M, 301032C, 302168M, 30168C, 301080M, 302080C, 30246M, 301246C, 310246D</td>
<td>SOLAR MOUNT STANDARD RAIL</td>
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<td>3</td>
<td>410344M, 410168M, 410208M, 410246M</td>
<td>SOLAR MOUNT HD RAIL</td>
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<td>4</td>
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<td>SOLAR MOUNT END CLAMP PRO SERIES ASSEMBLY</td>
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<td>5</td>
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<td>SOLAR MOUNT MID CLAMP PRO SERIES ASSEMBLY</td>
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<td>6</td>
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<td>SOLAR MOUNT CLAMP PRO SERIES ASSEMBLY</td>
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<td>7</td>
<td>302019M, 302019D</td>
<td>BONDING SPICE BAR PRO SERIES ASSEMBLY</td>
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<td>8</td>
<td>302027, 302028, 302029, 302030</td>
<td>SOLAR MOUNT END CLAMP STANDARD ASSEMBLY</td>
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<td>9</td>
<td>302023, 302024, 302025, 302026</td>
<td>SOLAR MOUNT MID CLAMP STANDARD ASSEMBLY</td>
</tr>
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</table>

Approved as complying with the 
Florida Building Code 
Date: 05/21/2020 
NOA#: 19-04229.02 
Miami Dade Product Control 
By: [Signature]

JAMES L. BUCKNER 
LICENSE No. 31242 
STATE OF FLORIDA 
PROFESSIONAL ENGINEER

CBUCK Engineering 
www.c buck@c buckinc.net 
(561) 491-9927 
1374 Community Dr 
Jupiter, FL 33458

FOR 
MIAMI-DADE COUNTY 
PROJECT 
MIAMI-DADE CO. NOA 
PROJECT ADDRESS 
TITLE 
SOLAR MOUNT COVER SHEET 
DWG NO. 
M-D NOA 
SHEET 1 OF 12
SM FLASHKIT PRO L-FOOT INSTALLATION
NOT TO SCALE

ALTERNATE L-FOOT CONFIGURATION
NOT TO SCALE

SECTION L-FOOT FLASHING DETAIL - L-FOOT FLASHING DETAIL
NOT TO SCALE

3/4" MIN. EDGE DISTANCE
TO CENTER OF LAG BOLT
(WITH-GRWL)

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

JAMES L. BUCKNER
LICENSE No. 31242
STATE OF FLORIDA
PROFESSIONAL ENGINEER

BUILDING STRUCTURE
(WOOD FRAME)
1. OVER THE RAFTER, DRILL A PILOT HOLE(S) FOR THE LAG BOLT(S).

2. INSERT THE FLASHING so the top part is under the next row of shingles and the hole lines up with the pilot hole.

3. INSERT THE LAG BOLT THROUGH THE L-FOOT IN THE ORDER SHOWN IN THE IMAGE. VERIFY PROPER ORIENTATION BEFORE TIGHTENING LAG BOLTS.

4. INSERT THE LAG BOLT THROUGH THE L-FOOT IN THE ORDER SHOWN IN THE IMAGE. VERIFY PROPER ORIENTATION BEFORE TIGHTENING LAG BOLTS.

5. INSERT 3/8" T-BOLT INTO RAIL AT L-FOOT LOCATIONS. ROTATE T-BOLT INTO POSITION.

6. HAND TIGHTEN NUT UNTIL RAIL ALIGNMENT IS COMPLETE. VERIFY THAT POSITION INDICATOR ON BOLT IS VERTICAL (PERPENDICULAR TO RAIL).

7. USE DRILL TO TIGHTEN NUT ONTO T-BOLT.

8. SEE RAIL ATTACHED TO L-FOOT.
1. Slide end clamp on to rail by engaging the two T-guide brackets with the top slot of the rails. Slide end clamp assembly on to rail until bolt head engages with end of rail.

2. Install the first end module onto rails with the flange of the module frame positioned between end clamps an ends of rails.

3. While holding module in position and with flange in full contact with rail, use drill to rotate end clamp bolt until clamp engages with flange to provide clamp force.

4. See module engaged by endclamp.

5. Insert second module into place.

6. Insert 1/4" T-bolt into top slot of rail. Ensure bolt is perpendicular to rail.

7. Modules must be tight against clamps with no gaps. Tighten nut.
1. Insert 1/4" T-Bolt into Rail

2. Engage Module Frame with EndClamps. Tighten Bolt with Drill

3. See Module Engaged by EndClamp.

4. Insert 1/4" T-Bolt into Rail

5. Tighten Bolt so that MidClamp is Perpendicular to Rail Space

6. Tighten Nut to secure Modules in Place with MidClamp.

Approved as complying with the Florida Building Code Dec 07/2020 by the Miami-Dade County Building Department.
1. Slide T-feature onto splice into the T-slot on each rail, centering the splice between the two rails.

2. Slide T-feature onto splice into the T-slot on each rail, centering the splice between the two rails.

3. Tighten each bolt until the bolt-head is flush against the splice.

4. Installation is complete when the bonding hardware penetrates the opposite side of the rail.

Typical Splice Detail