



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

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www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Sunoptics Prismatic Skylights
6201 27th Street
Sacramento, CA 95822

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: Model 800MD Signature Curb Mounted Skylight

APPROVAL DOCUMENT: Drawing No. SUN0003, titled Model 800MD Signature Curb Mounted Skylight (HVHZ), prepared by PTC Product design Group, LLC, dated March 02, 2021, sheets 1 through 2 of 2, signed and sealed by Robert James Amoroso, P.E., on March 05, 2021 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: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 submitted page E-1 as well as approval document mentioned above.

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



Helmy A. Makar
05/20/2021

NOA No. 21-0318.03
Expiration Date: 05/20/2026
Approval Date: 05/20/2021
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Sunoptics Prismatic Skylights

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. SUN0003, titled Model 800MD Signature Curb Mounted Skylight (HVHZ), prepared by PTC Product design Group, LLC, dated March 02, 2021, sheets 1 through 2 of 2, signed and sealed by Robert James Amoruso, P.E., on March 05, 2021.*

B. TESTS

1. *Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94;
2) Uniform Static Air Pressure Test, per FBC TAS 202-94;
3) Water Resistance Test, per FBC, TAS 202-94;
4) Large Missile Impact Test per FBC, TAS 201-94;
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of Model 800MD, prepared by Intertek /Architectural Testing, Test Report No. E9429.01-301-18, dated 08/20/15, signed and sealed by Tyler Westerling, P.E.*

C. CALCULATIONS

1. *Anchor calculations, 7 sheets, prepared by PTC Product design Group, LLC, dated March 02, 2021, signed and sealed by Robert James Amoruso, P.E., on March 05, 2021.*

D. QUALITY ASSURANCE

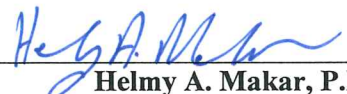
1. *Miami Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATION

1. *None.*

F. STATEMENTS

1. *FBC, 2020 Edition, Compliance Letter prepared by PTC Product design Group, LLC, dated March 02, 2021, signed and sealed by Robert James Amoruso, P.E., on March 05, 2021.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 21-0318.03
Expiration Date: 05/20/2026
Approval Date: 05/20/2021

SUNOPTICS PRISMATIC SKYLIGHTS
MODEL 800MD SIGNATURE CURB MOUNTED SKYLIGHT - HVHZ
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) REQUIREMENTS INCLUDING THE 7TH EDITION (2020) FBC, WIND ZONE 4, MISSILE LEVEL D AND THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. E9429.01-301-18, DATED 8/20/15 BY INTERTEK/ARCHITECTURAL TESTING AND ASSOCIATED LABORATORY STAMPED DRAWINGS, SIGNED AND SEALED TYLER WESTERLING, FL PE NO. 72012.
2. ADEQUACY OF THE EXISTING STRUCTURAL 2X FRAMING CURB MOUNT TO WITHSTAND AND TRANSFER THE APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED. THIS INCLUDES HVHZ AND NON-HVHZ AREAS REQUIRING IMPACT PROTECTION OF OPENINGS.
4. FRAME AND RETAINER MATERIAL: 6063-T5.
5. GLAZING
- 5.1. EXTERIOR 0.230" THICK BEFORE FORMING PLASKOLITE, LLC TUFFAK POLYCARBONATE SHEETS PER LATEST MD NOTICE OF ACCEPTANCE (NOA).
- 5.2. INTERIOR 0.120" THICK BEFORE FORMING PLASKOLITE, LLC OPTIX ACRYLIC SHEETS PER LATEST MD NOTICE OF ACCEPTANCE (NOA).
6. MATERIAL: INSULFOAM EXPANDED POLYSTYRENE PREFORMED BLOCK TYPE I INSULATION BY INSULFOAM, A DIV. OF CARLISLE CONSTRUCTION MATERIALS, LLC PER LATEST MD NOTICE OF ACCEPTANCE (NOA).
- 6.1. FLAME SPREAD INDEX ACCORDING TO ASTM E84 TESTING IS 55 WHICH IS LESS THAN 75 REQUIRED BY CURRENT EDITION OF THE FLORIDA BUILDING CODE INCLUDING HVHZ REQUIREMENTS.
- 6.2. SMOKE DENSITY INDEX ACCORDING TO ASTM E84 TESTING IS 450 WHICH IS EQUAL TO 450 REQUIRED BY CURRENT EDITION OF THE FLORIDA BUILDING CODE INCLUDING HVHZ REQUIREMENTS.
- 6.3. SELF-IGNITION TEMPERATURE ACCORDING TO ASTM D1929 TESTING IS 950 DEG. F WHICH EXCEEDS 650 DEG. F REQUIRED BY THE CURRENT EDITION OF THE FLORIDA BUILDING CODE INCLUDING HVHZ REQUIREMENTS.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AT THE TESTED SIZE SHOWN.
- 2.1. FOR SMALLER LENGTHS AND/OR WIDTHS, LESS SUBSTRATE (CURB MOUNTING) INSTALLATION ANCHORS ARE ALLOWED AS LONG AS THE EDGE DISTANCE AND O.C. SPACING ARE MET.
3. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 PAN HEAD OR HEX HEAD WOOD SCREWS OR SHEET METAL SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCHES.
- 4.1. WOOD SCREWS SHALL MEET ANSI B18.6.1.
- 4.2. SHEET METAL/SELF-DRILLING/SELF-TAPPING SCREWS SHALL MEET ASME B18.6.4.
- 4.3. SCREWS SHALL BE MADE OF CORROSION RESISTANT MATERIAL OR COATED FOR CORROSION RESISTANCE.
- 4.1. HEX HEAD SHEET METAL SCREWS BY PRIMESOURCE BUILDING PRODUCTS, INC. ARE SHOWN ON SHEET 2 FOR ILLUSTRATIVE PURPOSES. OTHER SCREWS ARE ACCEPTABLE MEETING THE REQUIREMENTS OF THIS SECTION.
- 4.2. 2 INCH IN LENGTH INSTALLATION ANCHORS (SCREWS) ARE SHOWN. BASED ON A CURB COVERING ALLOWANCE OF 1/2", 1-3/8" MINIMUM EMBEDMENT WILL BE ACHIEVED.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM AND SIDING).
6. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
- 6.1. WOOD - PRESSURE TREATED (PT) WITH A MINIMUM SPECIFIC GRAVITY OF 0.55.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	PLAN, ELEVATIONS AND SECTION VIEWS, ANCHOR LAYOUTS

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	
±60.0	±60.0	LARGE MISSILE IMPACT

PROJECT NO. 420-0612

SUNOPTICS PRISMATIC SKYLIGHTS

6201 27th ST.

SACRAMENTO, CA 95822

TITLE: MODEL 800MD SIGNATURE CURB MOUNT SKYLIGHT - HVHZ

GENERAL AND INSTALLATION NOTES

DATE: 03/02/2021

DRAWING NO: SUN0003

SHEET: 1 OF 2

DRAWN BY: RJA

SCALE: N.T.S.

REV: ---

PREPARED BY:

PTC, LLC

PO Box 520775

Longwood, FL 32752-0775

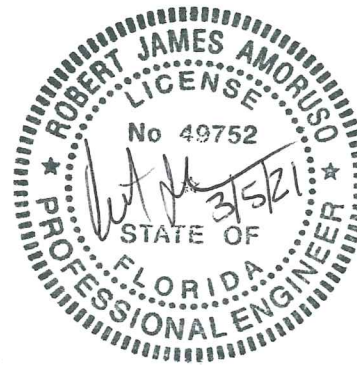
Phone: 321.690.1788

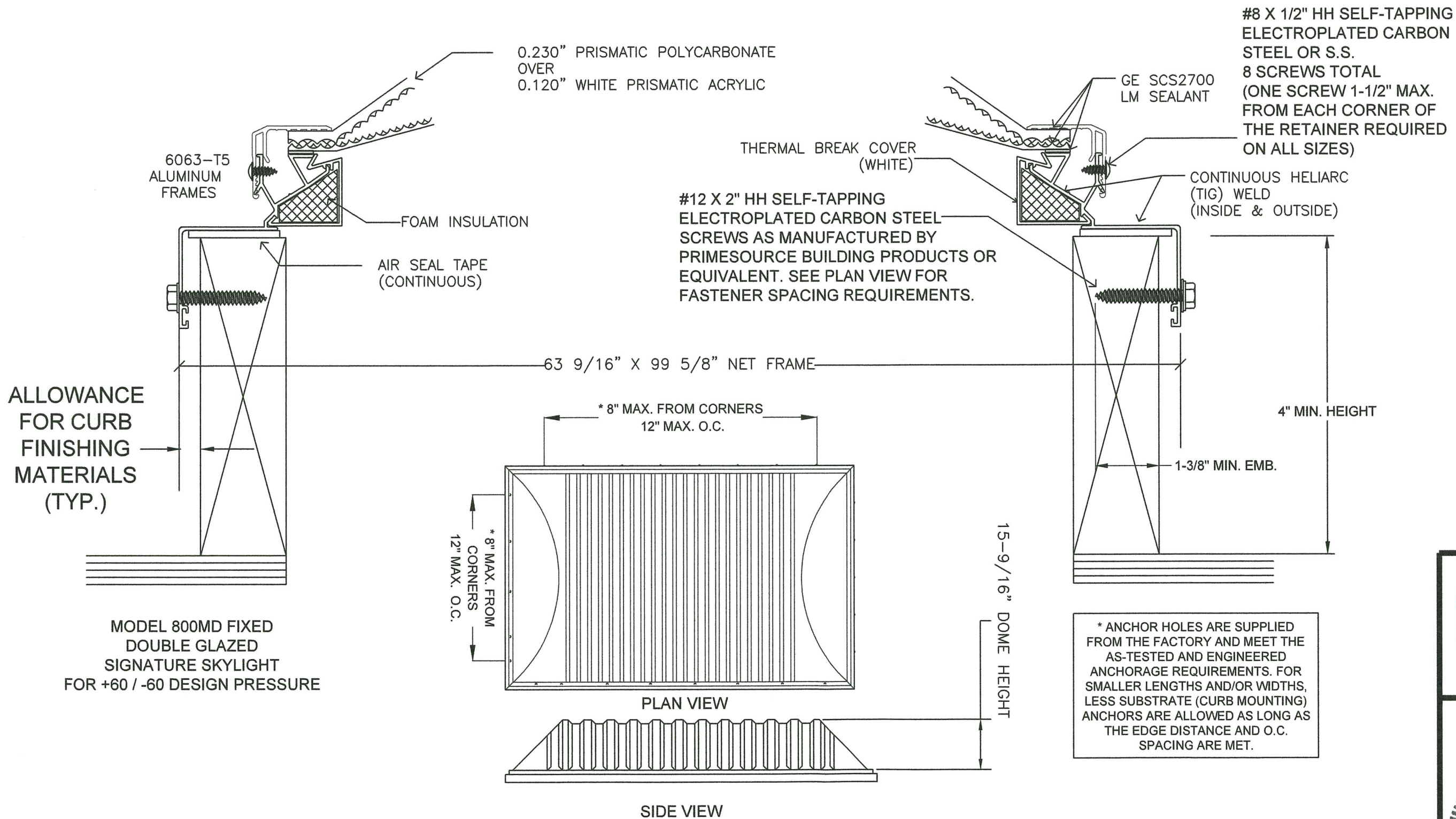
Fax: 321.690.1789

Email: info@ptc-corp.com

Approved as complying with the
Florida Building Code
Date: 05/20/2021
NOA# 21-0318.03
Miami Dade Product Control
By: Kelly A. Martin

Robert J. Amoroso, P.E.
Florida P.E. No. 49752





PROJECT NO. 420-0612

SUNOPTICS PRISMATIC SKYLIGHTS

6201 27th ST.

SACRAMENTO, CA 95822

TITLE: MODEL 800MD SIGNATURE CURB MOUNT SKYLIGHT - HVHZ
PLAN, ELEVATIONS AND SECTION VIEWS, ANCHOR LAYOUTS

DATE: 03/02/2021

DRAWN BY: RJA

SCALE: N.T.S.

REV: ---

SHEET: 2 OF 2

DRAWING NO: SUN0003

DESCRIPTION

REV

DATE

BY

Approved as complying with the
Florida Building Code
Date 05/20/2021
NOA# 21-0318.03
Miami Dade Product Control
By *Robert J. Amoruso*

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

