



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

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Maxim Industries, Inc.
201 Longhorn Road
Fort Worth, Texas 76179

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 BCM Curb Mount Skylight

APPROVAL DOCUMENT: Drawing No. MAX0005, titled Series "BCM" Curb Mount Skylight (HVHZ), prepared by PTC Product design Group, LLC, dated November 16, 2020, last revision A dated September 21, 2023, sheets 1 through 3 of 3, signed and sealed by Robert James Amoruso, P.E., on October 06, 2023, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration 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 revises NOA #22-0328.06 and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

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



H. A. Makar
12/21/2023

NOA No. 23-1013.17
Expiration Date: 08/03/2027
Approval Date: 12/21/2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #17-0411.02

A. DRAWINGS

1. *Drawing No. MS0217, titled "Model BMC Dade Curb Mount Skylight", prepared by Maxim Industries, Inc., dated 02/10/17, sheet 1 and 2 of 2, signed & sealed by Theodore Berman, P.E.*

B. TESTS

1. *Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94; 2) Uniform Static Air Pressure Test, Loading 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 BCM, prepared by Intertek / Architectural Testing, Test Report No. G5934.01-801-18, dated 01/03/17, signed and sealed by Tyler Westerling, P.E.*

C. CALCULATIONS

1. *Anchor calculations, 7 sheets, issued by Ted Berman and Associates, LLC, dated March 30, 2017, signed and sealed by Theodore Berman, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. *None.*

F. STATEMENTS

1. *FBC, 2014 Edition, Compliance Letter issued by Ted Berman and Associates, LLC, dated 03/30/17, signed & sealed by Theodore Berman, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-1120.08

A. DRAWINGS

1. *DWG. #18-6912, titled "Model BCM Dade Curb Mount Skylight", prepared by Engineering Express, dated 09/28/18, 2 sheets, signed & sealed by Frank L. Bennardo, P.E., on 11/12/18.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE


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

E. MATERIAL CERTIFICATION

1. *None.*

F. STATEMENTS

1. *FBC, 2017 Edition, Compliance Letter issued by Engineering Express, dated 11/12/18, signed & sealed by Frank L. Bennardo, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1013.17
Expiration Date: 08/03/2027
Approval Date: 12/21/2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-1201.03

A. DRAWINGS

1. *Drawing No. MAX0005, titled Series "BCM" Curb Mount Skylight (HVHZ), prepared by PTC Product design Group, LLC, dated 11/16/20, sheets 1 through 3 of 3, signed & sealed by Robert James Amoruso, P.E., on 11/16/20.*

B. TESTS

1. *Test reports on 1) Air Infiltration Test, 2) Uniform Static Air Pressure Test, 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 of Model BCM, prepared by Intertek, Test Report #G5934.01-801-18, dated 01/03/17, signed & sealed by Tyler Westerling, P.E.*

C. CALCULATIONS

1. *Anchor calculations, 9 sheets, prepared by PTC Product design Group, LLC, dated November 16, 2020, signed and sealed by Robert James Amoruso, P.E., on 11/16/20.*

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 11/16/20, signed and sealed by Robert James Amoruso, P.E., on 11/16/20.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #22-0328.06

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

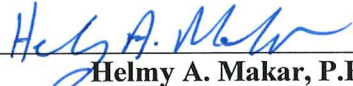
1. *Miami Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATION

1. *None.*

F. STATEMENTS

1. *FBC, 2020 Edition, Compliance Letter issued by PTC Product design Group, LLC, signed & sealed by Robert James Amoruso, P.E., on 11/16/20.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1013.17
Expiration Date: 08/03/2027
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. MAX0005, titled Series "BCM" Curb Mount Skylight (HVHZ), prepared by PTC Product design Group, LLC, dated November 16, 2020, last revision A dated September 21, 2023, sheets 1 through 3 of 3, signed and sealed by Robert James Amoruso, P.E., on October 06, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

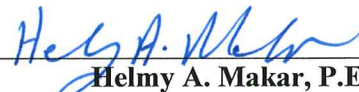
1. *Miami Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATION

2. *None.*

F. STATEMENTS

1. *FBC, 2023 Edition, Compliance Letter issued by PTC Product design Group, LLC, signed & sealed by Robert James Amoruso, P.E., on 08/30/23.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1013.17
Expiration Date: 08/03/2027
Approval Date: 12/21/2023

MAXIM INDUSTRIES, INC.
SERIES "BCM" CURB MOUNT SKYLIGHT (HVHZ)
INSTALLATION ANCHORAGE DETAILS

NOTES:

- 1. THIS SKYLIGHT WAS TESTED AND IS DESIGNED TO COMPLY WITH ALL REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
- 2. THIS SKYLIGHT WAS TESTED AND IS DESIGNED TO COMPLY WITH ALL WINDS ZONES, INCLUDING THE HVHZ OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
- 3. THIS SKYLIGHT MEETS SMALL & LARGE MISSILE IMPACT RESISTANCE (TAS-201) AND NO ADDITIONAL PROTECTION IS REQUIRED.
- 4. THIS SKYLIGHT COMPLIES WITH TAS 201, 202, 203.
- 5. NOT USED.
- 6. ALL SIZES EQUAL TO OR LESS THAN THE TEST SIZE TOTAL SQUARE FOOTAGE ARE TO BE ACCEPTED UNDER THIS MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).
- 7. ALL FRAMING, ROOF DECK, FLASHING, AND FASTENERS ARE BY OTHERS AND MUST COMPLY WITH THE CURRENT FLORIDA BUILDING CODE OR LOCAL BUILDING CODE.
- 8. FOR ATTACHMENT OF ALUMINUM ANGLE (ITEM NO. 2) TO ALUMINUM FRAME (ITEM NO. 1), USE ITEM NO. 7 WITH SPACING SHALL BE 4" FROM EACH CORNER AND 6" ON CENTER MAXIMUM.
- 9. FOR ATTACHMENT OF ALUMINUM FRAME (ITEM NO. 1) TO CURB (BY OTHERS), USE ITEM NO. 8 WITH SPACING SHALL BE 4" FROM EACH CORNER AND 6" ON CENTER MAXIMUM.

BILL OF MATERIALS:

- 1. 0.6" THICKNESS (TYPICAL BUT VARIES) 6063-T5 EXTRUDED ALUMINUM FRAME MITERED AND WELDED AT FOUR CORNERS.
- 2. 0.105" THICKNESS (TYPICAL BUT VARIES) 6063-T5 EXTRUDED ALUMINUM ANGLE, 2" X 2", MITERED AND WELDED AT FOUR CORNERS.
- 3. PLASKOLITE TUFFAK SL UV OR PALRAM UV ENHANCED .118" POLYCARBOANTE DOME PER LATEST MIAMI-DADE NOTICE OF ACCEPTANCE.
- 4. GALLINA POLICARB 5 LAYER 16MM RDC MULTIWALL POLYCARBONATE PER LATEST MIAMI-DADE NOTICE OF ACCEPTANCE.
- 5. DOW CORNING 795 SILICONE BUILDING SEALANT LOCATED BETWEEN ALUMINUM ANGLE AND OUTER DOME.
- 6. ITW SM 5127 SEALANT TAPE LOCATED BETWEEN 16MM RDC MULTIWALL AND EXTRUDED ALUMINUM FRAME.
- 7. NO. 10 X .375" STAINLESS STEEL FASTENERS; 4" FROM EACH CORNER, MAXIMUM 6" ON CENTER.
- 8. SKYLIGHT CURB FASTENERS; 4" FROM EACH CORNER, MAXIMUM 6" ON CENTER.
 - 8.1. FOR WOOD CURB #12 SS WOOD SCREW, PAN HEAD OR HEX HEAD
 - 8.1.1. MIN. WOOD DENSITY= 0.42 MIN. EMBEDMENT 1- 3/8" AND MIN. EDGE DISTANCE 2-1/2"
 - 8.2. FOR CONCRETE CURB 3/16" ITW TAPCON
 - 8.2.1. MIN. F'C= 2000 PSI MIN. EMBEDMENT 1" MIN. EDGE DISTANCE 1-1/8"
 - 8.3. FOR HOLLOW BLOCK OR GROUT FILLED CMU CURB 3/16" TAPCON
 - 8.3.1. ASTM C90 CMU DENSITY > 117 PCF, MIN. EMBEDMENT 1" MIN. EDGE DISTANCE 2"

TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	NOTES AND BILL OF MATERIALS
2	ELEVATION AND ANCHORAGE
3	SECTION VIEWS

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
±60.0	LARGE MISSILE IMPACT

PROJECT #423-0211

MAXIM INDUSTRIES, INC.
201 LONGHORN RD
FORT WORTH, TEXAS 76179

TITLE: SERIES "BCM" CURB MOUNT SKYLIGHT (HVHZ)
NOTES, ELEVATION & ANCHOR LAYOUT

DATE: 11/16/20

DRAWN BY: RJA

SCALE: N/A

REV: A

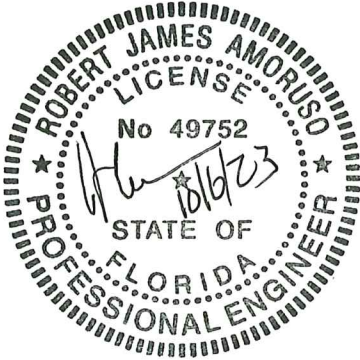
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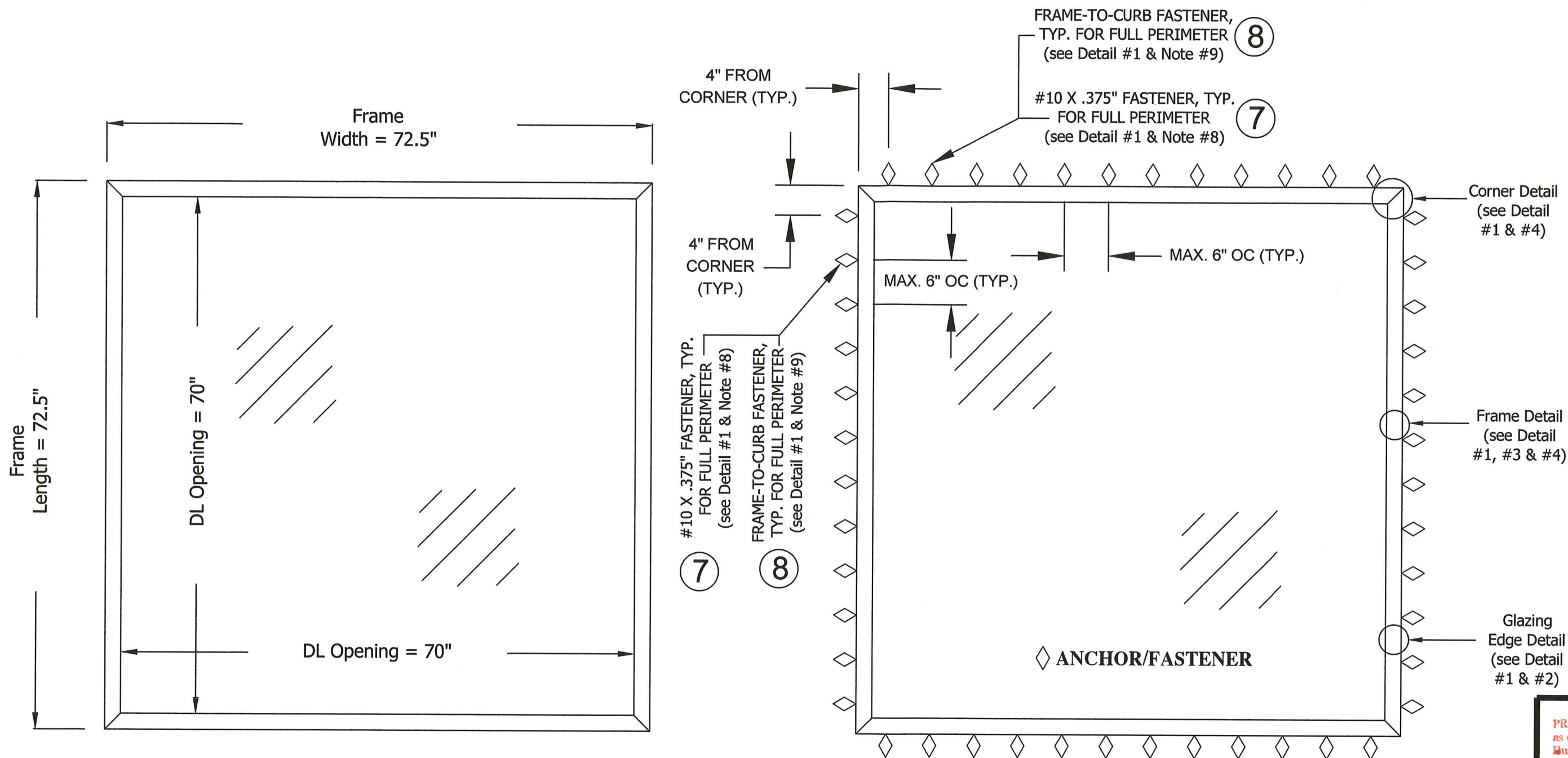
SHEET: 1 OF 3

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520715
LONGWOOD, FLORIDA 32752
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1013.17
Expiration Date 08/03/2027
By: [Signature]
Miami Data Product Control

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





ELEVATION & ANCHOR LAYOUT

EXTERIOR VIEW

ANCHORAGE NOTES:

1. A MINIMUM OF 12 ANCHORS IS REQUIRED ON EACH SIDE OF THE SKYLIGHT. SEE ELEVATION ABOVE.
 - 1.1. FRAME-TO-CURB INSTALLATION FASTENER ITEM NO. 8 SHALL BE INSTALLED AT 4" FROM EACH CORNER AND 6" ON CENTER ALONG FULL PERIMETER (EACH SIDE).
 - 1.2. ANGLE-TO-FRAME INSTALLATION FASTENER ITEM NO. 7 SHALL BE INSTALLED AT 4" FROM EACH CORNER AND 6" ON CENTER ALONG FULL PERIMETER (EACH SIDE).
2. FOR SKYLIGHTS SMALLER IN WIDTH AND/OR HEIGHT, THE ANCHOR QUANTITY CAN BE REDUCED WHILE MAINTAINING THE 4" CORNER SPACING AND 6" O.C. SPACING ALONG THE FULL PERIMETER.

PROJECT #423-0211

MAXIM INDUSTRIES, INC.

201 LONGHORN RD
FORT WORTH, TEXAS 76179

TITLE: SERIES "BCM" CURB MOUNT SKYLIGHT (HVHZ)
SECTION VIEWS

PREPARED BY: RJA
DATE: 11/16/20
DRAWING NO: MAX0005
SCALE: N/A
REV: A
SHEET: 2 OF 3

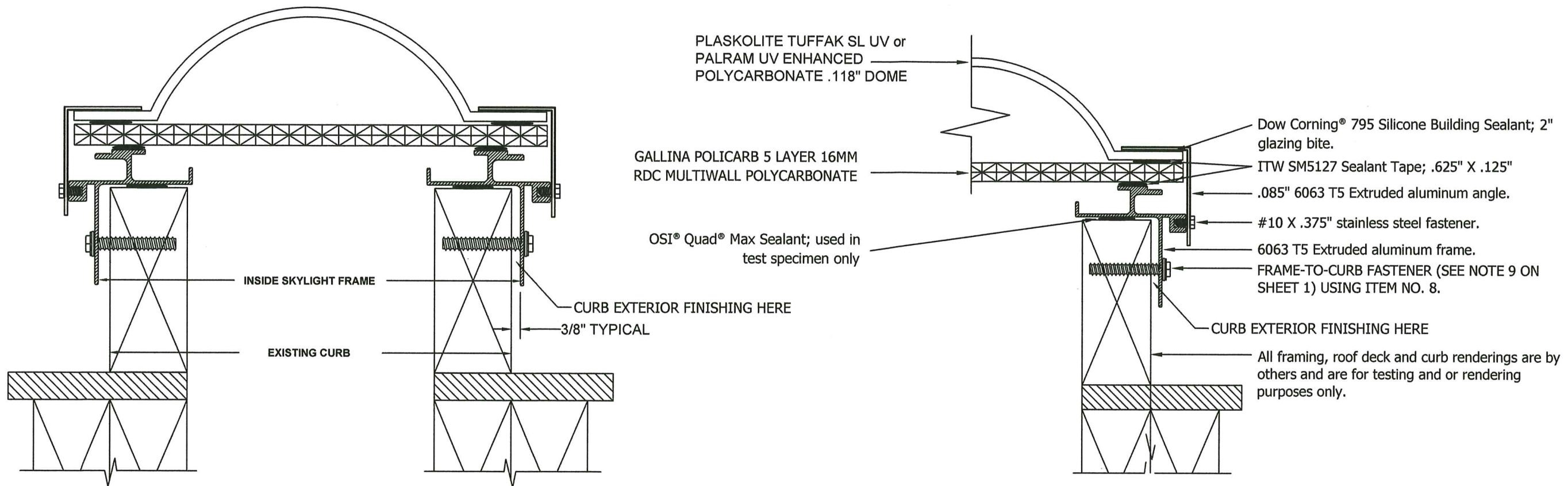
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By: *Heidi A. Miller*
Miami Date Product Control

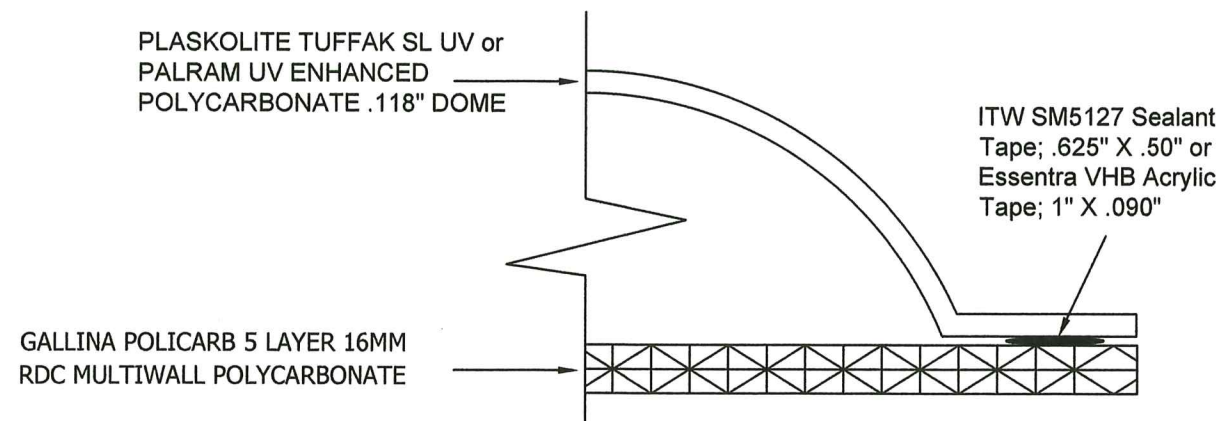
Robert J. Amoroso, P.E.
Florida P.E. No. 49752



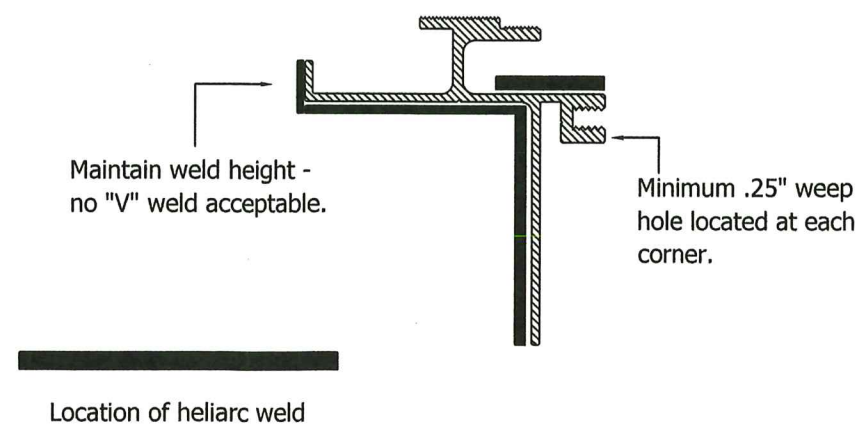
Detail #1: Frame, Angle & Glazing Section Detail



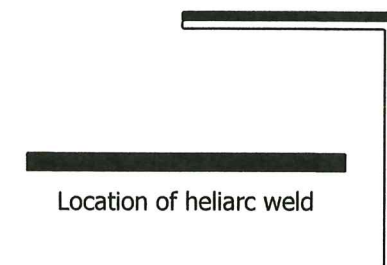
Detail #2: Glazing Detail



Detail #3
Aluminum Shape Weld Detail
AFCO Part #AF-4950



Detail #4
2" X 2" Aluminum Angle
Weld Detail
AFCO Part #AF-4230



PROJECT #423-0211

MAXIM INDUSTRIES, INC
201 LONGHORN RD
FORT WORTH, TEXAS 76179

TITLE: SERIES "BCM" CURB MOUNT SKYLIGHT (HVHZ)
SECTION VIEWS
PREPARED BY: RJA
DATE: 11/16/20
DRAWING NO: MAX0005
SCALE: N/A
REV: A
SHEET: 3 OF 3

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By: *Hesha Patel*
Miami Data Product Control

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