

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)

Birdview Skylights, LLC 201 Longhorn Road Fort Worth, TX 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: CM Curb Mounted & SG-6 Self Flashing Skylights

APPROVAL DOCUMENT: Drawing No. BVIEW0001, titled "CM Curb Mounted & SG-6 Self Flashing Skylights", prepared by Birdview Skylights, sheets 1 through 5 of 5, dated Feb. 14, 2023, with no revision, signed and sealed by Robert James Amoruso, P.E., on Feb. 17, 2023, 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.

MIAMI-DADE COUNTY
APPROVED

HegA. Melv 06/01/2023

NOA No. 23-0227.07 Expiration Date: 06/01/2028 Approval Date: 06/01/2023

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWING

1. Drawing No. BVIEW0001, titled "CM Curb Mounted & SG-6 Self Flashing Skylights", prepared by Birdview Skylights, sheets 1 through 5 of 5, dated Feb. 14, 2023, with no revision, signed and sealed by Robert James Amoruso, P.E., on Feb. 17, 2023.

B. TEST

- 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 of the Birdview Skylights, prepared by Intertek, Test Report No. P1580.01-801-18-R0, dated 11/30/22, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by Robert James Amoruso, P.E., on Feb. 10, 2023, 17 pages, signed and sealed by Robert James Amoruso, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. None.

F. STATEMENTS

1. Florida Building Code, 2020 Edition compliance letter issued by Robert James Amoruso, P.E., dated 02/15/23, signed and sealed by Robert James Amoruso, P.E.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 23-0227.07

Expiration Date: 06/01/2028 Approval Date: 06/01/2023

BIRDVIEW SKYLIGHTS LLC

CM CURB MOUNT & SF-6 SELF-FLASHING SKYLIGHTS

INSTALLATION ANCHORAGE DETAILS

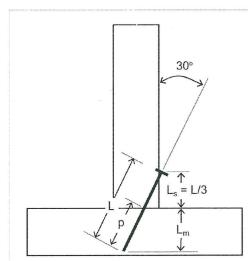
GENERAL NOTES:

- 1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS OF THE 2020 EDITION OF THE FLORIDA BUILDING CODE (FBC). THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT INTERTEK REPORT NO.: P1580.01-801-18-R0 AND REPORT NO.: P1578.01-801-18-R1 AND ASSOCIATED LABORATORY DRAWINGS.
- 2. ADEQUACY OF THE EXISTING STRUCTURAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 3. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.

- 4.1. SKYLIGHT FRAME MATERIAL: 6063-T5 EXTRUDED ALUMINUM.
- 4.2. SKYLIGHT INNER AND OUTER DOME MATERIAL: PLASKOLITE TUFFAK POLYCARBONATE OR PALRAM AMERICAS POLYCARBONATE PER THE LATEST MIAMI-DADE NOTICE OF ACCEPTANCE (NOA) COMPONENT
- 5. DESIGNATION "O" STANDS FOR THE A FIXED PANEL
- 6. IN ACCORDANCE WITH THE 2020 EDITION OF THE FBC, WOOD BUCKING SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
- 7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM WINDOW FRAMING SHALL HAVE BEEN PROTECTED IN A MANNER TO PREVENT CORROSION. FASTENERS SHALL BE MADE OF A CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING CONSISTENT WITH THE REQUIREMENTS OF THE 2020 EDITION OF THE FLORIDA BUILDING CODE.

INSTALLATION NOTES:

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION DETAILED ON SHEETS 2 AND 4.
- 2. THE MINIMUM NUMBER OF INSTALLATION ANCHORS ARE BASED ON AS-TESTED QUANTITY AT THE MAXIMUM SIZE OF EACH SKYLIGHT MODEL:
- 2.1. ALL SIZES EQUAL TO OR LESS THAN THE TEST SIZE ARE TO BE ACCEPTED UNDER THIS NOA.
- FOR UNITS SIZED DIFFERENTLY THAN THE AS-TESTED SIZE. THE QUANTITY OF INSTALLATION ANCHORS MAY BE DECREASED AS LONG AS THE MINIMUM EDGE DISTANCE AND ON CENTER SPACING BETWEEN ANCHORS IS
- 3. FOR INSTALLATION OF SELF-FLASHING SKYLIGHT ONTO WOOD ROOF DECK, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
- 4. FOR INSTALLATION OF CURB MOUNT SKYLIGHT ONTO WOOD CURB, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
- 5. FOR INSTALLATION OF CURB MOUNT SKYLIGHT CURB ONTO WOOD ROOF DECK, USE 12D (0.148" MIN. SHANK DIAMETER) BOX OR COMMON NAILS OR #6 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 2 1/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 5/16 INCH. SEE NOTE 8 BELOW FOR ADDITIONAL INFORMATION REGARDING TOE-NAILING.
- 6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
- 7. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON WOOD SUBSTRATE MATERIALS WITH MINIMUM SPECIFIC GRAVITY OF 0.55.
- 8. TOE-NAILING OF CURB MOUNT SKYLIGHT CURB ONTO WOOD ROOF DECK (NOTE 5 ABOVE) SHALL MEET THE FOLLOWING REQUIREMENTS FROM THE NATIONAL DESIGN STANDARD FOR WOOD CONSTRUCTION.
- 8.1. LENGTH (L) AS REQUIRED TO MEET P, Ls AND Lm REQUIREMENTS.
- 8.2. MIN. EMBEDMENT (P) IS 2.13" FOR BOX NAILS AND 1.60" FOR COMMON NAILS WITH 0.148" DIAMETER
- MIN. Ls IS 1.33" FOR BOX NAILS AND 1.0" FOR COMMON NAILS WITH 0.148" SHANK DIAMETER.
- MIN. Lm IS 2.13" FOR BOX NAILS AND 1.6" FOR COMMON NAILS WITH 0.148" SHANK DIAMETER.



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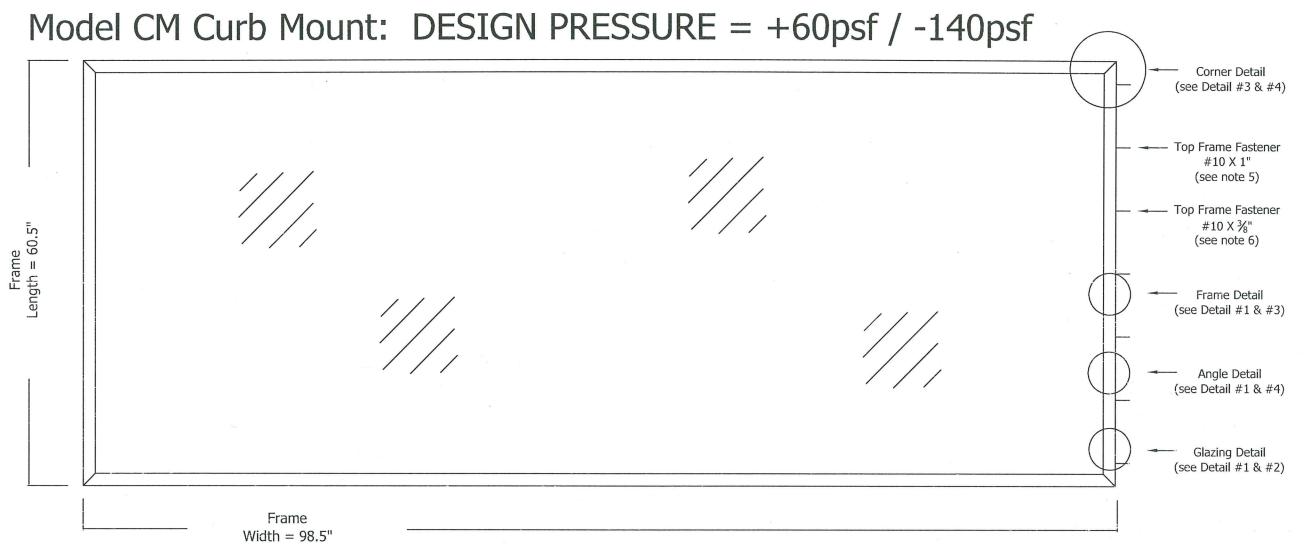
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Approved as complying with the Fiorida Building Code Date 06 0) 2023 NOA# 23 - 0227.07 Miami Dade Product Control By Help A. Mes			KYLIGHTS, LLC	RESTRIPTION STH, TX 76179	6 SELF FLASHIN	STALLATION NO	<			REV:
Approved as complying with the Fiorida Building Code Date 06 0) 2023 NOA# 23 - 0227.07 Miami Dade Product Control By Help A. Mes			BIRDVIEW S 201 LONG	FORT WOF	10UNTED & SF-	ENERAL AND IN		Control Control		
Approved as complying with the Florida Building Code Date 06 01 2023 NOA# 23 - 0227.07 Miami Dade Product Control By H. M. Amoruso, P.E. Florida P.E. No. 49752 Robert J. Amoruso, P.E. Florida P.E. No. 49752 ROBERT J. Amoruso, P.E. Florida P.E. No. 49752					TITLE: CM CURB N	G	PREPARED BY:		PTC PRODUCT DESIGN GROU	PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 25935
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#422-0701

PROJECT

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3	CM CURB MOUNT - SECTIONS				
4	SF-6 SELF-FLASHING - ELEVATION				
5	SF-6 SELF-FLASHING - SECTIONS				

PERFORMANCE RATINGS					
SKYLIGHT MODEL AND MAX. SIZE	DESIGN PRESSURE (PSF)	IMPACT RATING			
CURB MOUNT (CM) 98.5" X 60.5"	+60 / -140	LARGE MISSILE IMPACT SMALL MISSILE IMPACT			
SELF-FLASHING (SF-6) 99" X 74"	+60 / -80	WIND ZONE 4 / MISSILE LEVEL D			



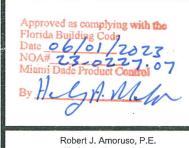
Notes

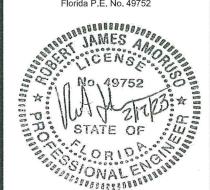
- 1. This skylight is designed to comply with the HVHZ of the Florida Building Code.
- 2. This skylight meets small & large missile impact resistance (TAS-201/203) and no other protection is required.
- 3. All framing and roof deck is by others and must comply with the Florida Building Code.
- 4. All sizes equal to or less than the test size are to be accepted under this NOA.
- 5. Fasteners used to attach skylight to the existing roof structure/curb are to be minimum #12 stainless steel with minimum embedment of 1.375".

Bill of Materials:

- 1. 6063-T5 Extruded Aluminum Frame mitered and welded at four corners. Manufacturer: Tower Part #11363
- 2. 6063-T5 Extruded Aluminum Angle mitered and welded at four corners. Manufacturer: Tower Part #957
- 3. GE SCS 1000 Silicone: Minimum ¹/₄" bead applied between the inner and outer domes. Manufacturer: GE
- 4. .118 UV Enhanced polycarbonate domes. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test specimen = 9" outer dome & 7.5" inner dome. Manufacturer: Plaskolite (Tuffak) or PalRam Americas.
- 5. #10 X 1" Stainless Steel Fastener with neoprene gasket. Fasteners located 3.5" from each corner, maximum 10" on center. Minimum one fastener per side and minimum four fasteners per skylight.
- 6. #10 X .325" Stainless steel fasteners 3.5" from each corner, maximum 12" on center.
- 7. Continuous 10164 Santoprene Rubber Gasket Part #1409.







Detail #1: Frame, Angle & Glazing Section Detail

DESIGN PRESSURE = +60psf / -140psf

0.118" UV Enhanced Outer & 0.100" General Purpose Inner Polycarbonate Domes. Rise varies dependent on actual size but is not less than 10% of the smaller dimension of the length or width. Test Specimen = 9"

Outer Dome & 7.5" Inner Dome.

GE SCS 1000 Silicone: Applied between retaining angle and outer dome with a 1.50" glazing bite.

Applied between the inner and outer domes.

Continuous 10164 Santoprene Rubber Gasket #1409

0.065" Extruded Aluminum Shape

* Minimum distance = 4" from aluminum frame to roof surface for shingles or BUR without insulation. For insulation and roof tile add insulation or roof tile thickness to 4" minimum height

#10 X 1" Stainless Steel Fastener with neoprene gasket. Fasteners located 3.5" from each corner, maximum 10" on center. Minimum four (4) fasteners per skylight.

1.50" X 1.50" X 0.070" Extruded Aluminum Retaining Angle

#10 X .375" stainless steel fastener. 3.5" from each corner, maximum 12" on center.

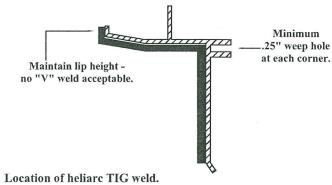
Minimum #12 fastener with minimum 1.375" embedment. See table this sheet for anchor quantities and spacing. Pre-punched 1/8" holes by Birdview for fasteners (by others or optional accessory). See Installation Note 4, Sheet 1 for additional details.

Minimum 12d nail or #6 X 3 1/4" stainless steel fastener 3" from each corner and 6" o.c. with minimum embedment of 2.125" (by others or optional accessory). See table this sheet for anchor quantities and spacing. See Installation Note 5 & 8, Sheet 1 for additional details.

Roof deck. (by others)

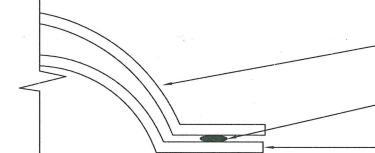
** Roof deck and framing by others. All roof details shall comply with the Florida Building Code

Detail #3
Aluminum Shape Weld Detail
Tower Part #11363



ANCHOR QUANTITY AND SPACING EDGE/CORNER DISTANCE (IN) **FASTENER** WIDTH/HEIGHT QUANTITY WIDTH = 60.5" NO. 12 WOOD SCREW 3 1/2 (SKYLIGHT TO CURB) HEIGHT = 98.5" 9 1/4 11 12D NAIL OR #6 WIDTH = 60.5" VOOD SCREW (CURE TO ROOF DECK) HEIGHT = 98.5" 23

Detail #2 Glazing Detail



.118" UV Enhanced Polycarbonate Dome. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test Specimen = 9".

GE SCS 1000 Silicone: Minimum $\frac{1}{4}$ " bead applied between the inner and outer domes.

0.100" Polycarbonate Dome. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test Specimen = 7.5".

Detail #4 Aluminum Angle Corner Weld Detail Tower Part #957

Location of heliarc TIG weld.

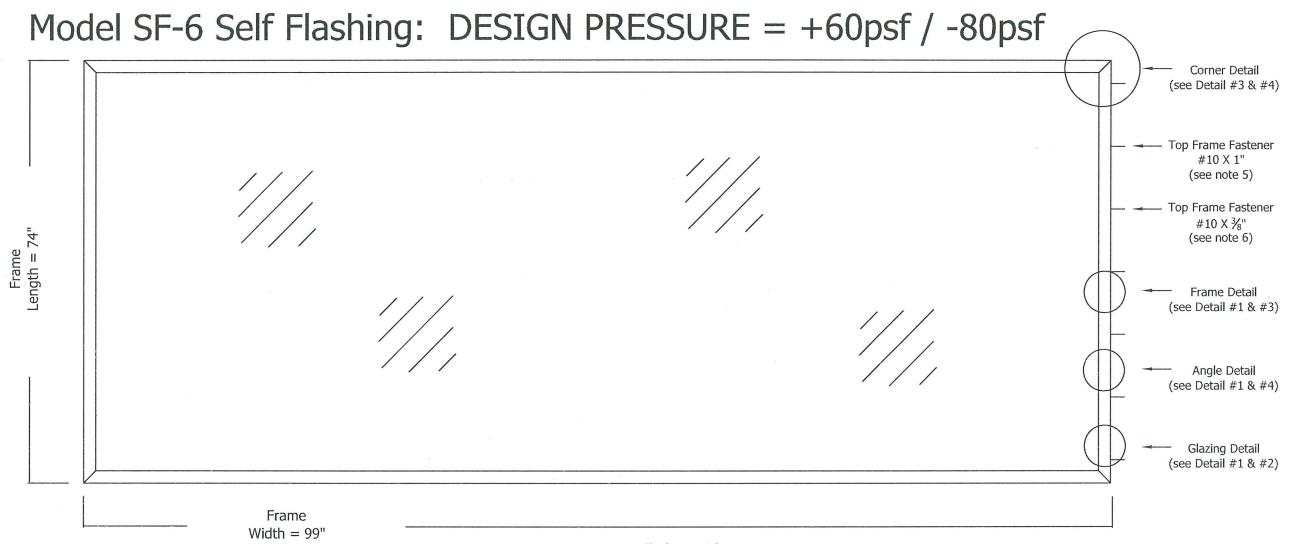
PROJECT #422-0701 CM CURB MOUNT

Approved as complying with the Florida Building Code
Date 06/01/2023
NOA# 23-0227
Miami Dade Product Control

By Helph Melw

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





Notes:

- 1. This skylight is designed to comply with the HVHZ of the Florida Building Code.
- 2. This skylight meets small & large missile impact resistance (TAS-201/203) and no other protection is required.
- 3. All framing and roof deck is by others and must comply with the Florida Building Code.
- 4. All sizes equal to or less than the test size are to be accepted under this NOA.
- 5. Fasteners used to attach skylight to the existing roof structure/curb are to be minimum #12 stainless steel with minimum embedment of 1.375".

Bill of Materials:

- 1. 6063-T5 Extruded Aluminum Frame mitered and welded at four corners. Manufacturer: Tower Part #10947
- 2. 6063-T5 Extruded Aluminum Angle mitered and welded at four corners. Manufacturer: Tower Part #957
- 3. GE SCS 1000 Silicone: Minimum ¹/₄" bead applied between the inner and outer domes. Manufacturer: GE
- 4. .118 UV Enhanced polycarbonate domes. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test specimen = 9" outer dome & 7.5" inner dome. Manufacturer: Plaskolite (Tuffak) or PalRam Americas.
- 5. #10 X 1" Stainless Steel Fastener with neoprene gasket. Fasteners located 3.5" from each corner, maximum 12" on center. Minimum one fastener per side and minimum four fasteners per skylight.
- 6. #10 X .325" Stainless steel fasteners 3.5" from each corner, maximum 12" on center.
- 7. Continuous 10164 Santoprene Rubber Gasket Part #1409.



Approved as complying with the Florida Building Code
Date 06/01/2023
NOA# 23-0227.07
Miami Dade Product Control
By Helph Melm

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



Detail #1: Frame, Angle & Glazing Section Detail

DESIGN PRESSURE = +60psf / -80psf

Location of heliarc TIG weld.

0.118" UV Enhanced Outer & 0.100" General Purpose Inner Polycarbonate Domes. Rise varies dependent on actual size but is not less than 10% of the smaller dimension of the length or width. Test Specimen = 9"

Outer Dome & 7.5" Inner Dome.

GE SCS 1000 Silicone: Applied between retaining angle and outer dome with a 1.50" glazing bite.

Applied between the inner and outer domes.

Continuous 10164 Santoprene Rubber Gasket #1409

.078" Extruded Aluminum Shape

* Minimum distance = 4" from aluminum frame to roof surface for shingles or BUR without insulation. For insulation and roof tile add insulation or roof tile thickness to 4" minimum height

#10 X 1" Stainless Steel Fastener with neoprene gasket. Fasteners located 12" from each corner, maximum 12" on center. Minimum four (4) fasteners per skylight.

1.50" X 1.50" X .100" Extruded Aluminum Retaining Angle

#10 X .375" stainless steel fastener. 3.5" from each corner, maximum 12" on center.

Minimum #12 fastener with minimum 1.375" embedment. See table this sheet for anchor quantities and spacing. Pre-punched 1/8" holes by Birdview Skylights for fasteners and installation by others. See Installation Note 3, Sheet 1 for additional details.

Roof deck. (by others)

** Roof deck and framing by others. All roof details shall comply with the Florida Building Code

ANCHOR QUANTITY AND SPACING						
FASTENER	EDGE/CORNER DISTANCE (IN)	WIDTH/HEIGHT	ON CENTER SPACING (IN)	QUANTITY		
NO. 12 WOOD SCREW (SKYLIGHT TO ROOF DECK)	3 1/2	WIDTH = 60.5"	6 3/4	11		
	3 1/2	HEIGHT = 98.5"	5 1/2	18		

Detail #4
Aluminum Angle Corner Weld Detail
Tower Part #957

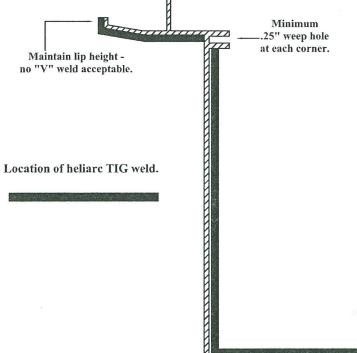
.118" UV Enhanced Polycarbonate Dome. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test Specimen = 9".

GE SCS 1000 Silicone: Minimum $\frac{1}{4}$ " bead applied between the inner and outer domes.

0.100" Polycarbonate Dome. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test Specimen = 7.5".

Aluminum Shape Weld Detail Tower Part #10947

Detail #3



Approved as complying with the Florida Building Code
Date 06/01/2023
NOA# 2.3-0227.07
Miami Dade Product Control

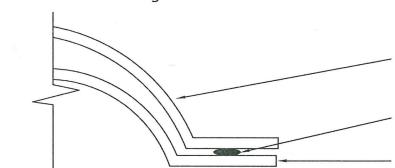
By Helph Mah

CM CURB MOU

PROJECT #422-0701

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

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Detail #2

Glazing Detail