



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)

Kingspan Light + Air LLC
401 E. Goetz Avenue
Santa Ana, CA 92707

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: Self Flashing and Curb Mount Skylights

APPROVAL DOCUMENT: Drawing No. 23-184, titled "Heavy Weather Skylight", sheets # 1 through 5 of 5, prepared by PPMF Inc., dated September 29, 2023 signed and sealed by Pedro De Figueiredo, P.E., on October 18, 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 & 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", unless otherwise noted herein and the dome shall be properly marked by the manufacturers of GE XL-10 and Lexan 9034.

RENEWAL of this NOA shall not 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 #20-0811.06 and consists of this page 1, evidence submitted pages E-1, E-2 and E-3 as well as approval document mentioned above.

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



Helmy A. Makar
08/08/24

NOA No. 24-0213.10
Expiration Date: 07/28/2025
Approval Date: 08/08/2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 10-0216.02

A. DRAWINGS

1. *Drawing No. 09-025, titled "Heavy Weather Skylight", sheets # 1 through 5 of 5, prepared by EngCo, Inc., on January 26, 2010 signed & sealed by Pedro De Figueiredo, P.E. on June 30, 2010.*

B. TESTS

1. *Test report on Large Missile Impact, Cyclic Wind Pressure and Uniform Static Air Pressure on "Heavy weather Skylight", prepared by Architectural Testing, report No. 92682.01-301-18, dated 01/12/2010, signed and sealed Joshua M. Royce, PE.*

C. CALCULATIONS

1. *Anchor calculations, dated 02/08/2010, 8 pages, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Die drawings prepared by Bristol Fiberlite Industries, Inc.*

F. STATEMENTS

1. *FBC 2007 edition Code compliance letter issued by EngCo, Inc., dated 02/08/2010, signed and sealed by Pedro De Figueiredo, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-1007.05

A. DRAWINGS

1. *Drawing No. 13-156, titled " Heavy Weather Skylight ", sheets # 1 through 5 of 5, prepared by EngCo, Inc., dated July 25, 2013 signed and sealed by Pedro De Figueiredo, P.E., on January 28, 2014.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC 2010 edition Code compliance letter issued by EngCo, Inc., dated 07/25/2013, signed and sealed by Pedro De Figueiredo, P.E.*



**Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor**

NOA No. 24-0213.10

Expiration Date: 07/28/2025

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Kingspan Light + Air LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0601.08

A. ADRAWINGS

1. *Drawing No. 15-134, titled " Heavy Weather Skylight ", sheets # 1 through 5 of 5, prepared by EngCo, Inc., dated May 07, 2015 signed and sealed by Pedro De Figueiredo, P.E., on May 11, 2015.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC 2014 edition Code compliance letter issued by EngCo, Inc., dated 05/11/2015, signed and sealed by Pedro De Figueiredo, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0307.09

A. ADRAWINGS

1. *Drawing No. 17-810.1, titled " Heavy Weather Skylight ", sheets # 1 through 5 of 5, prepared by EngCo, Inc., dated January 29, 2018 signed and sealed by Pedro De Figueiredo, P.E., on January 29, 2018.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC 2017 edition Code compliance letter issued by EngCo, Inc., dated 01/29/2018, signed and sealed by Pedro De Figueiredo, P.E.*



**Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor**

NOA No. 24-0213.10

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0811.06

A. ADRAWINGS

1. *Drawing No. 20-131, titled " Heavy Weather Skylight ", sheets # 1 through 5 of 5, prepared by EngCo, Inc., dated August 15, 2020 signed and sealed by Pedro De Figueiredo, P.E., on August 15, 2020.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC 2017 Edition and 2020 Edition Code compliance letter issued by EngCo, Inc., dated 08/15/2020, signed and sealed by Pedro De Figueiredo, P.E.*

6. NEW EVIDENCE SUBMITTED

A. ADRAWINGS

1. *Drawing No. 23-184, titled " Heavy Weather Skylight ", sheets # 1 through 5 of 5, prepared by PPMF Inc., dated September 29, 2023 signed and sealed by Pedro De Figueiredo, P.E., on October 18, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

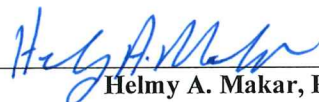
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC 2023 Edition Code compliance letter issued by PPMF Inc., dated 10/18/2023, signed and sealed by Pedro De Figueiredo, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0213.10
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GENERAL NOTES: FLORIDA BUILDING CODE 2023 HVHZ - 8th EDITION

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE 2023 - 8TH EDITION.
- 2- DEFINITION: THIS PRODUCT IS A SKYLIGHT UNIT MANUFACTURED WITH DUAL POLYCARBONATE SHEETS SECURED BY AN ALUMINUM FRAMING.THE PRODUCT IS CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE & SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 3- POSTING:
- "KINGSPAN LIGHT + AIR LLC
SANTA ANA - CALIFORNIA
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED"
- 4- DESIGN LOADS: A PROJECT DESIGN PRESSURES, DETERMINED FROM SECTION 1620 AND ASCE 7-22, SHALL BE PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER. THE WIND PRESSURES ARE TO BE MULTIPLIED BY 0.6 FACTOR AND MUST NOT EXCEED THE PRODUCT ALLOWABLE PRESSURES HERE IN SPECIFIED..
- 5- MATERIAL: ALL EXTRUDED ALUMINUM PARTS TO BE 6063-T5 ALLOY OR AS NOTED AND GLAZING TO BE APPROVED POLYCARBONATE GE XL-10 AND LEXAN 9034 AS SPECIFIED ON THIS APPROVAL.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR SPACING AND LOADS MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
- 7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
- 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
- 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, HOWEVER, WOOD SCREWS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.
- 9- DISSIMILAR MATERIALS: WHERE ALUMINUM IS IN CONTACT OR FASTENED TO DISSIMILAR MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, INSTALLATION SHALL MEET THE REQUIREMENTS OF CHAPTER M.7 OF THE ALUMINUM DESIGN MANUAL 2020. ISOLATORS SUCH AS TEFLON, NEOPRENE, AND 300 SERIES STAINLESS STEEL MAY BE PLACED BETWEEN ALUMINUM AND OTHER MATERIALS TO PREVENT CONTACT.
- 10- ALL ROOFING DETAIL SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE 2023 - 8TH EDITION.
- 11- MOUNTING: THE UNIT SKYLIGHT MUST BE INSTALLED AT LEAST 4" ABOVE THE PLANE OF THE ROOF FOR ROOF ANGLES LESS THAN 45 DEGREES WITH EXCEPTION FOR UNITS INSTALLED ON ROOFS HAVING A MINIMUM 14 DEGREES (THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL) IN GROUP R-3 OCCUPANCIES.

TABLE OF CONTENTS

SHEET	CONTENTS
1	GENERAL NOTES, DESIGN RATING & TABLE OF CONTENTS
2	OPTION 1 : SELF FLASHING MOUNT (MAXIMUM 12")
3	OPTION 2: SELF FLASHING MOUNT (W/ CF-6 BASE)
4	OPTION 3 CURB MOUNT
5	COMPONENTS

DESIGNED RATING:

MAXIMUM SIZE: 64 1/16" X 100 1/16"
MAXIMUM CLEAR OPENING: 60" X 96"
POSITIVE WIND PRESSURE: +55 PSF
NEGATIVE WIND PRESSURE: -65 PSF
LARGE & SMALL MISSILE IMPACT RESISTANT

MANUFACTURER:
KINGSPAN
LIGHT + AIR LLC

CALIFORNIA OPERATION
401 EAST GOETZ AVENUE
SANTA ANA, CA 92707
TEL.: (714) 540-8950
FAX: (714) 540-5415

TEXAS OPERATION
100 METRO DRIVE
TERREL, TX 75160
TEL: (972) 210-4080
FAX: (972) 210-4091

WWW.BRISTOLITE.COM

PRODUCT:
**HEAVY WEATHER
SKYLIGHT**



ENGINEERING SERVICES - CA 32459
9715 W. BROWARD BLVD.
PLANTATION, FL 33324
PPMF@AOL.COM



10/18/23
Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

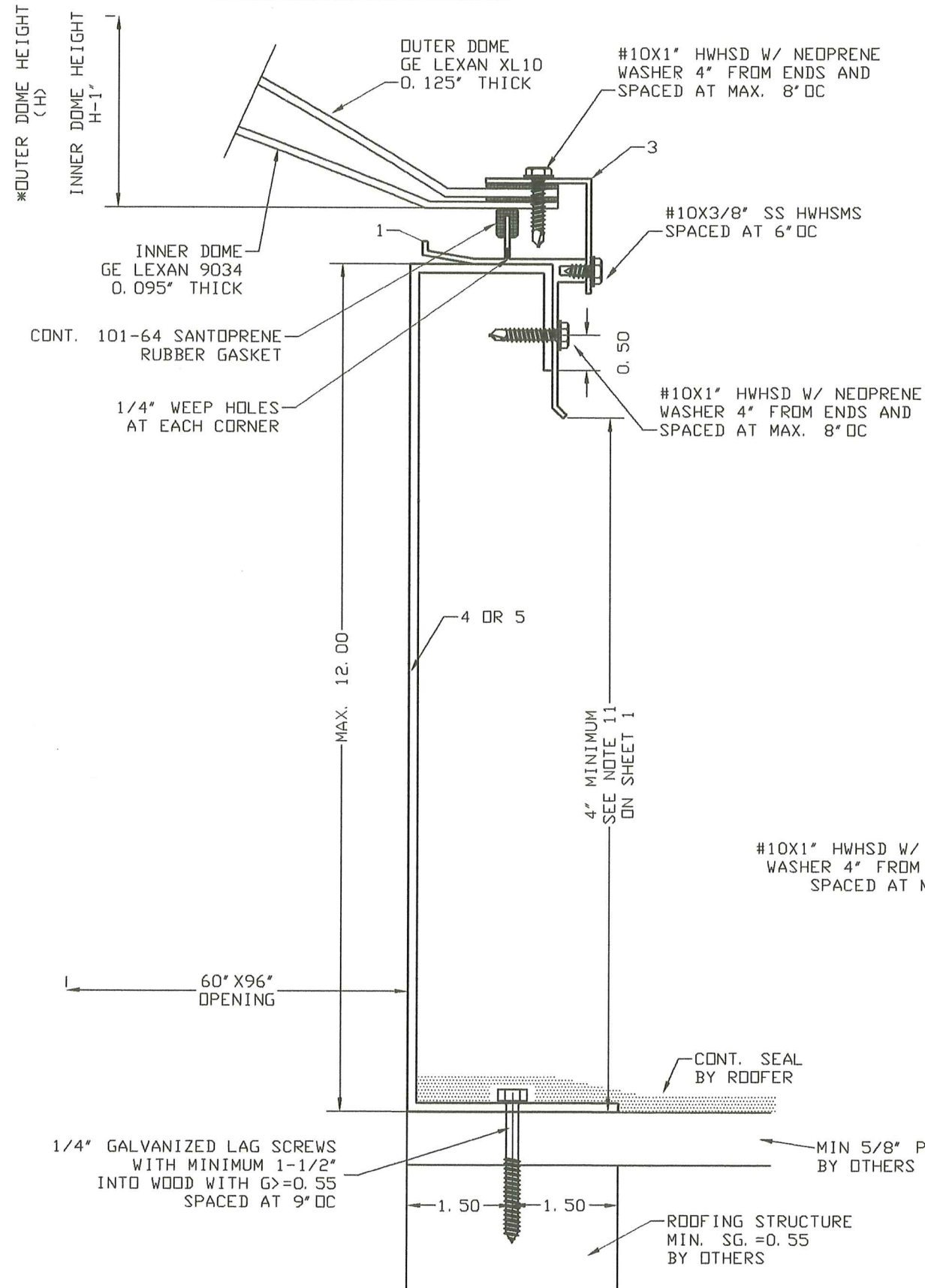
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as complying with the Florida
Building Code
Acceptance No. 24-0213.10
Expiration Date 07/28/2025
By: [Signature]
Miami Dade Product Control

Date: 09/29/2023
Scale: NA
Design by: PPMF

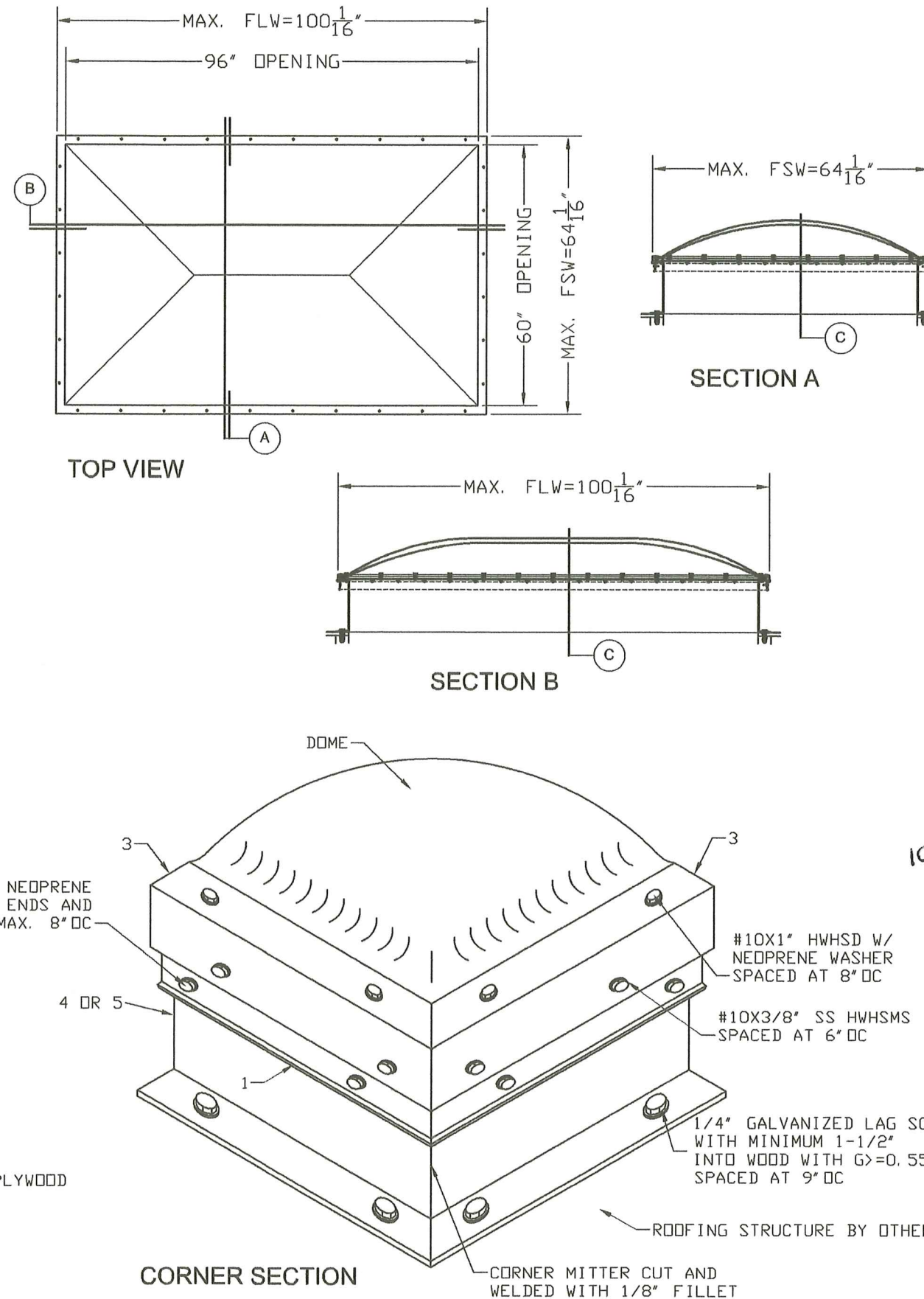
SHEET 1 OF 5	DRAWING #: 23-184
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SECTION C

* OUTER DOME RISE ABOVE THE MOUNTING FLANGE: MINIMUM 10% OF THE MAXIMUM DOME SPAN BUT NOT LESS THAN 3"



OPTION 1 - MAXIMUM 12" SELF FLASHING MOUNTING



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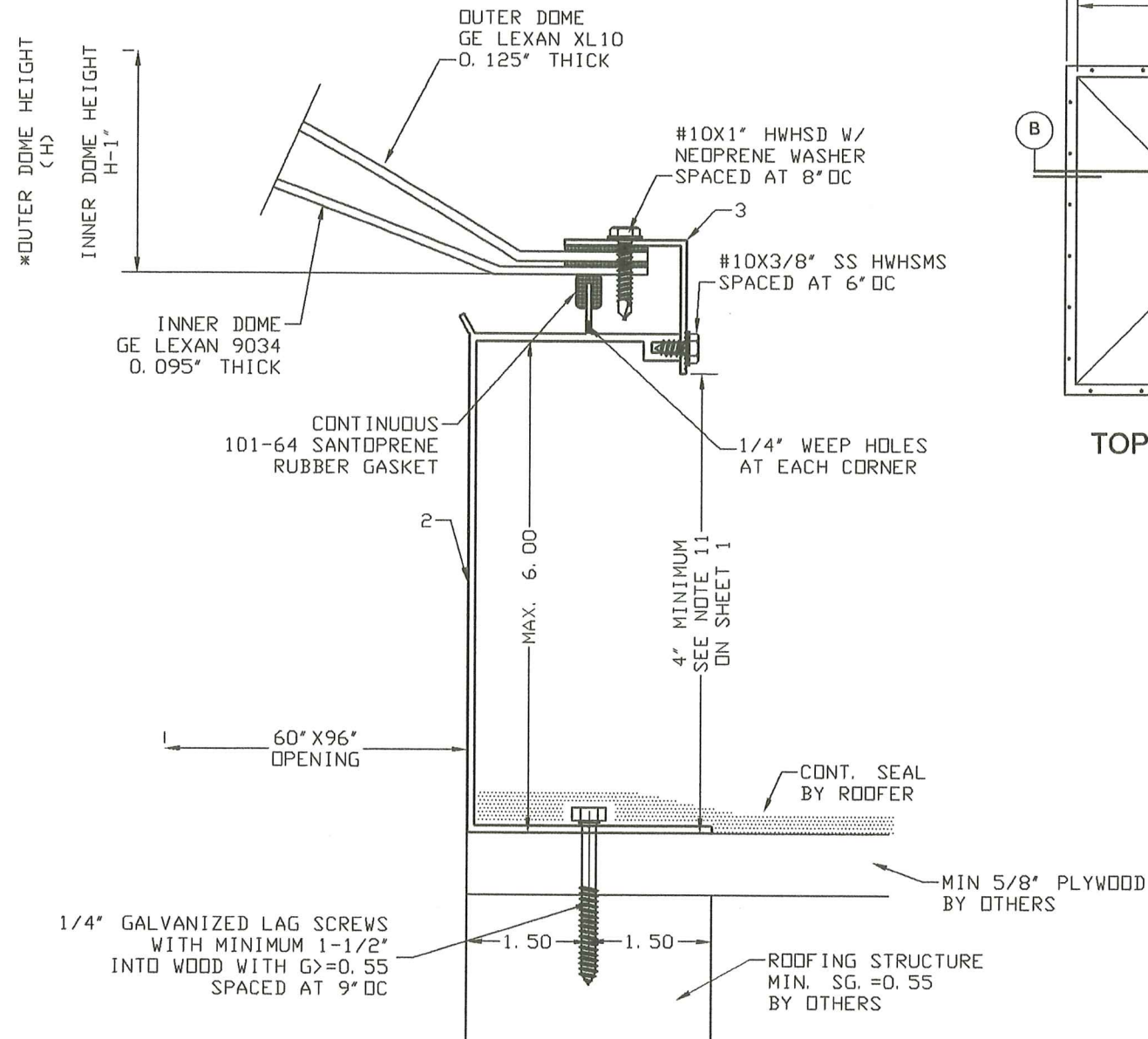
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Scale: NA
Design by: PPMF

SHEET
2 OF 5

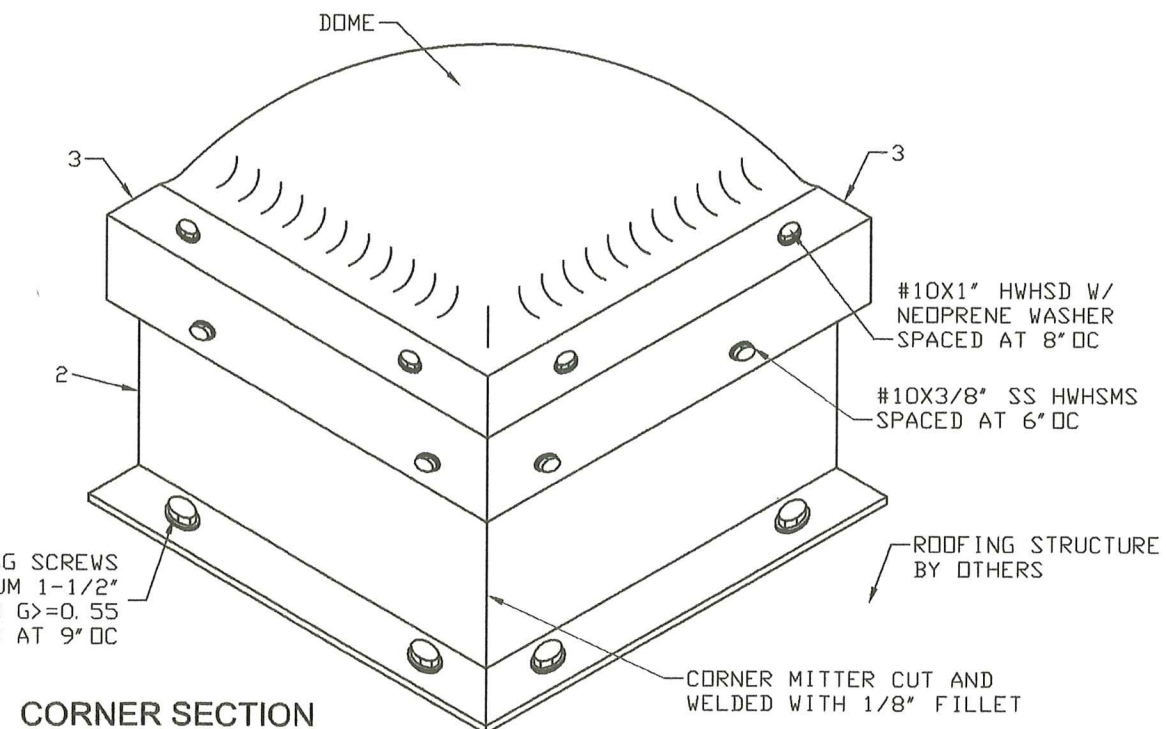
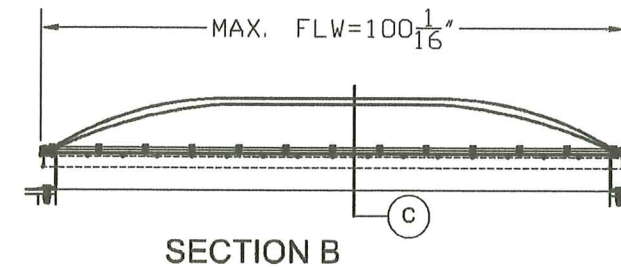
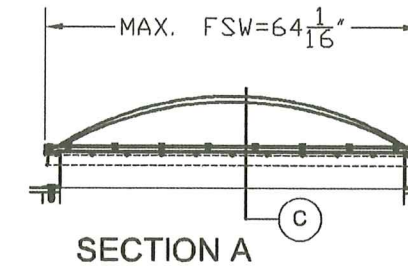
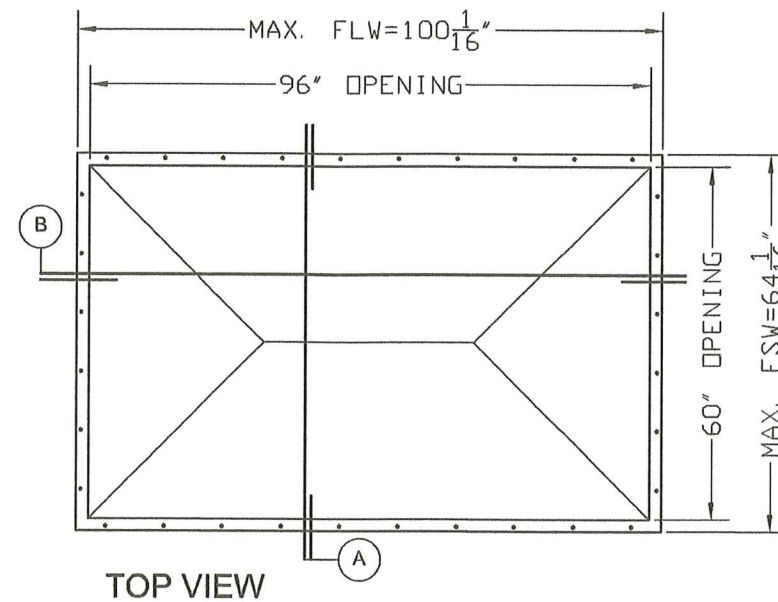
DRAWING #:
23-184

SECTION C

* OUTER DOME RISE ABOVE THE MOUNTING FLANGE: MINIMUM 10% OF THE MAXIMUM DOME SPAN BUT NOT LESS THAN 3"



OPTION 2 - MAXIMUM 6" SELF FLASHING MOUNTING



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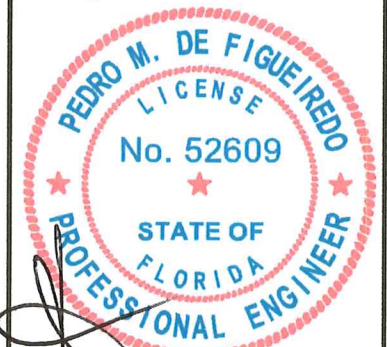
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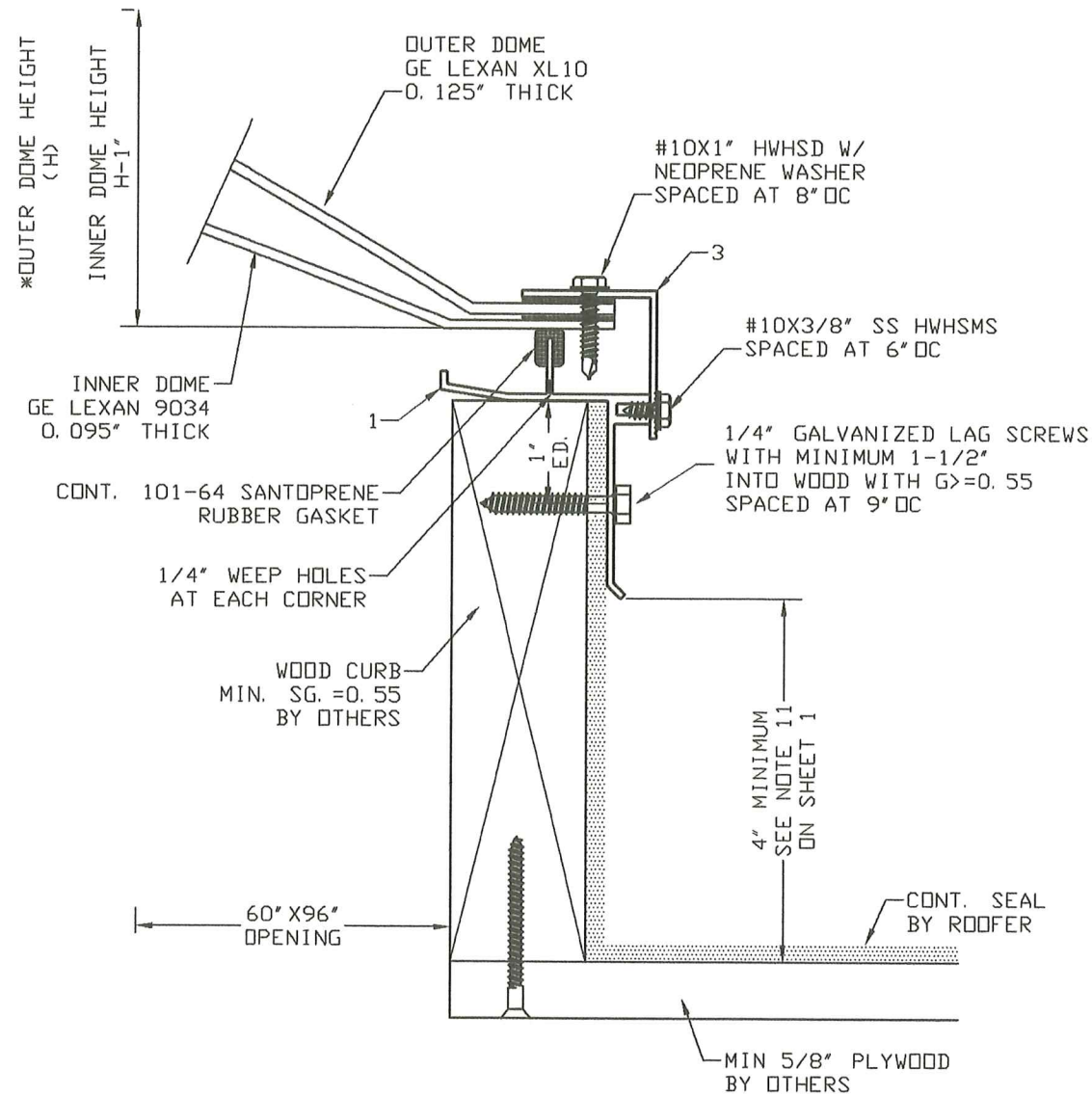
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Design by: PPMF

SHEET
3 OF 5

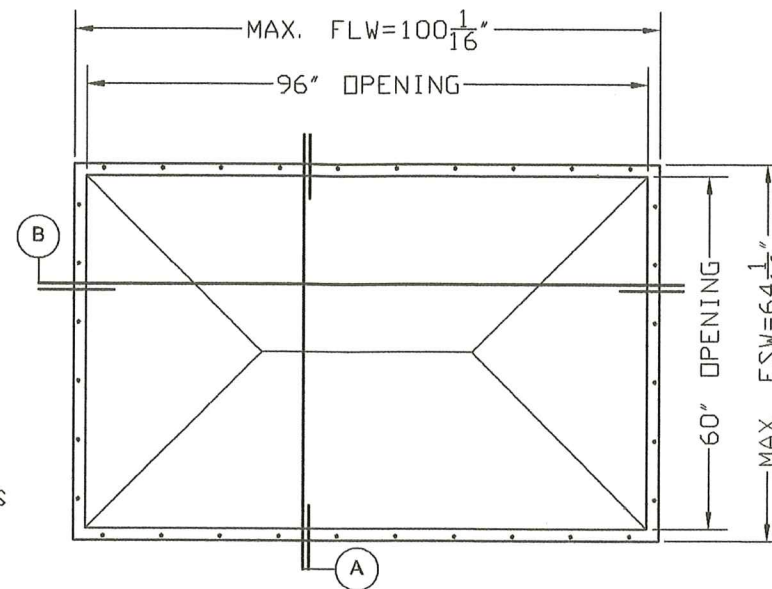
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SECTION C

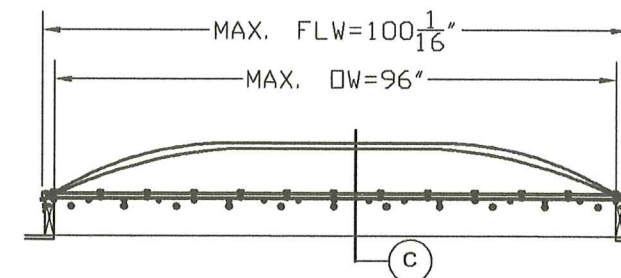
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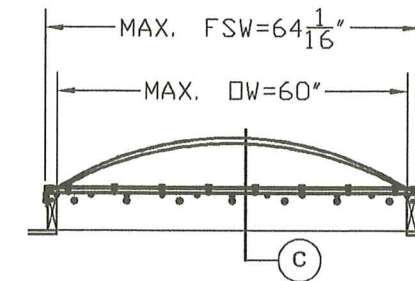
OPTION 3 - CURB MOUNTING



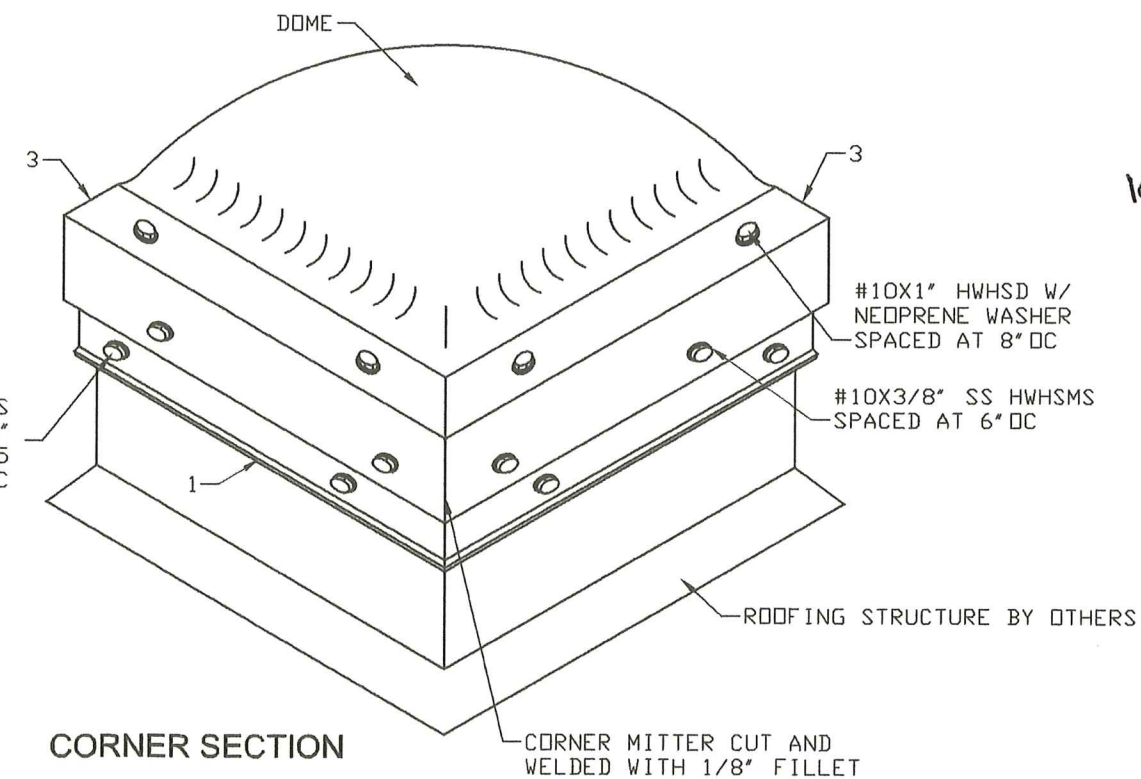
TOP VIEW



SECTION B



SECTION A



CORNER SECTION

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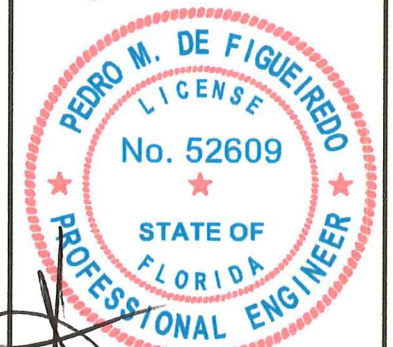
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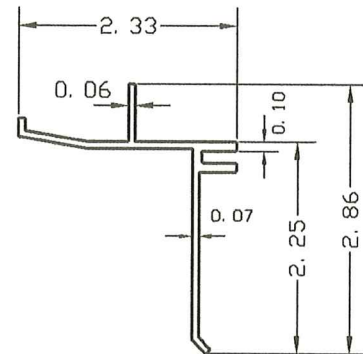
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-0213.10
Expiration Date 07/24/2025
By *Healy P. Mc...*
Miami Dade Product Control

Date: 09/29/2023
Scale: NA
Design by: PPMF

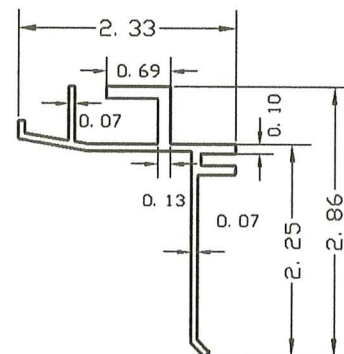
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4 OF 5

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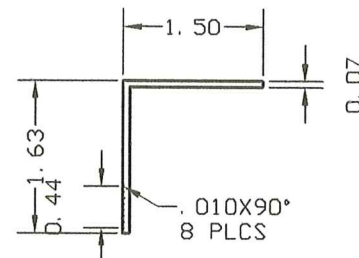
PRODUCT COMPONENTS



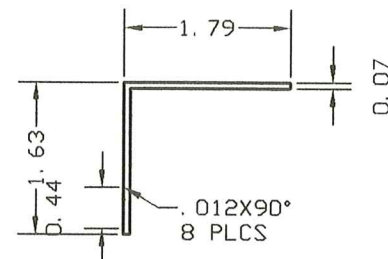
1-CM BASE
CURB MOUNT BASE
6063-T5 ALUMINUM ALLOY



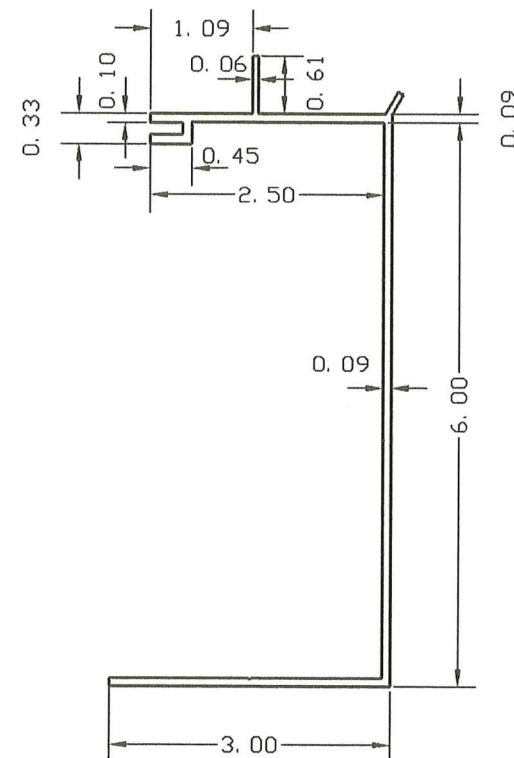
1.1- ALTERNATE CM BASE
CURB MOUNT BASE
6063-T5 ALUMINUM ALLOY



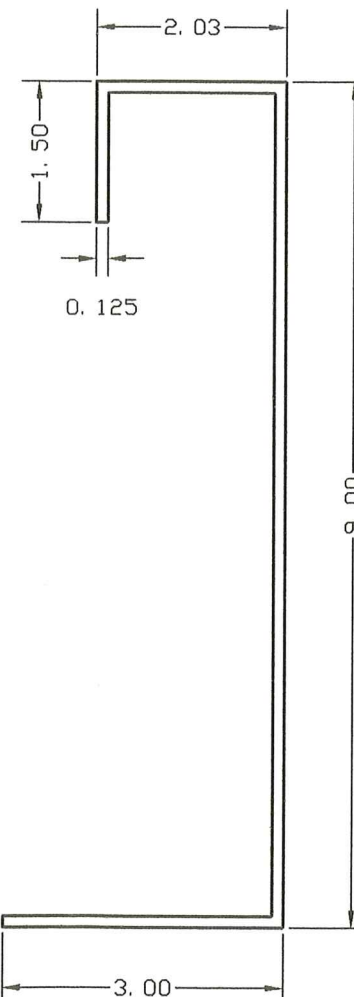
3- HW RETAINER
6063-T5 ALUMINUM ALLOY



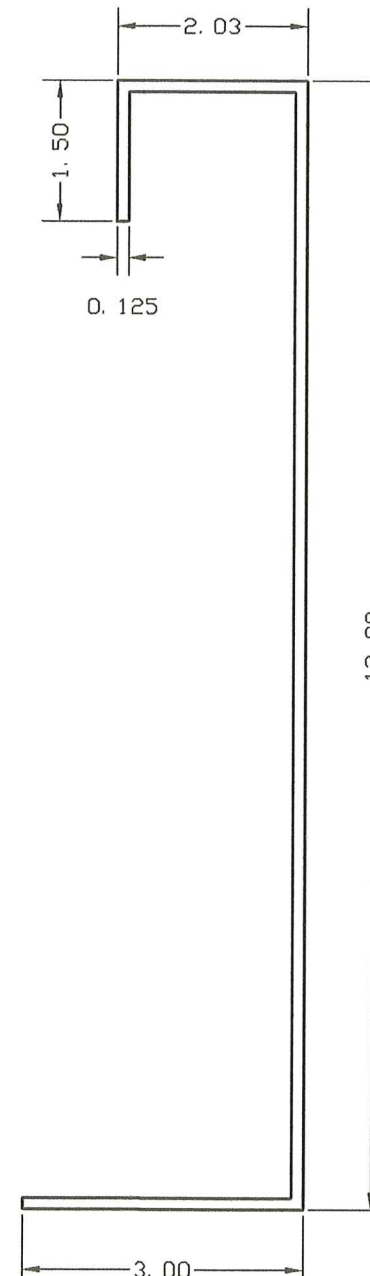
3.1- ALTERNATE HW RETAINER
6063-T5 ALUMINUM ALLOY
TO BE USED WITH COMPONENT 1.1



2- SF-6 BASE
HW 6" SELF-FLASHING BASE
6063-T5 ALUMINUM ALLOY



4- SF-9 BASE
0.13" THK. BRAKE FORMED
ALUMINUM SELF-FLASHING
5052-H32 ALUMINUM ALLOY



5- SF-12 BASE
0.13" THK. BRAKE FORMED
ALUMINUM SELF-FLASHING
5052-H32 ALUMINUM ALLOY

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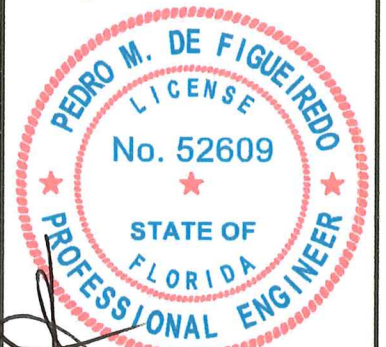
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MIAMI-DADE BCCO:

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Building Code
Acceptance No. 24-02/3.10
Expiration Date 07/29/2025
By: *Healy A. Miller*
Miami Dade Product Control

Date: 09/29/2023
Scale: NA
Design by: PPMF

SHEET
5 OF 5

DRAWING #:
23-184