



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](http://www.miamidade.gov/economy)

## NOTICE OF ACCEPTANCE (NOA)

Palram Americas, Inc.  
9735 Commerce Circle  
Kutztown, PA 19530

### 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: 10mm & 18mm Sunpal Multiwall Polycarbonate Panel for Canopy

**APPROVAL DOCUMENT:** Drawing No. 25-014, titled "10mm & 18mm Sunpal Multiwall Polycarbonate Panel for Canopy", sheets 1 through 7 of 7, dated April 06, 2025, prepared by PPMF Inc., signed and sealed by Pedro De Figueiredo, P.E., on April 08, 2025, 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 panel 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.

**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*  
06/26/25

NOA No. 25-0505.01  
Expiration Date: 06/26/2030  
Approval Date: 06/26/2025  
Page 1

**Palram Americas, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 25-014, titled "10mm & 18mm Sunpal Multiwall Polycarbonate Panel for Canopy", sheets 1 through 7 of 7, dated April 06, 2025, prepared by PPMF Inc., signed and sealed by Pedro De Figueiredo, P.E., on April 08, 2025.*

**B. TESTS**

1. *Test report on Uniform Static Air Pressure Test on a 10mm & 18mm Sunpal Multiwall Polycarbonate Panel for Canopy, prepared by Intertek, Report No. R7577.02-109-18 R1, dated 03/17/25, signed and sealed by Tanya A. Dolby, P.E.*

**C. CALCULATIONS**

1. *Calculations titled "10mm & 18mm Sunpal Multiwall Polycarbonate Panel for Canopy", dated 04/08/25, 18 pages, prepared by PPMF Inc., signed and sealed by Pedro De Figueiredo, P.E., on 04/08/25.*

**D. QUALITY ASSURANCE**

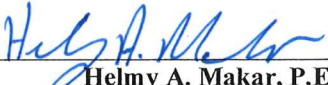
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATION**

1. *None.*

**F. STATEMENTS**

1. *Florida Building Code 2023 Edition compliance letter issued by Engco, Inc., dated 04/08/25, signed and sealed by Pedro De Figueiredo, P.E., on 04/08/25.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 25-0505.01  
Expiration Date: 06/26/2030  
Approval Date: 06/26/2025



GENERAL NOTES  
FBC 2023 - 8th EDITION:

- 1- THIS PRODUCT EVALUATION DOCUMENT REPRESENT A CANOPY PANEL SYSTEM ANALYZED WITH PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES, PRODUCT CONTROL SECTION. THESE DOCUMENTS COMPLY WITH THE FLORIDA BUILDING CODE, HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS
- 2- THIS PRODUCT IS TESTED AND DESIGNED TO COMPLY WITH THE FOLLOWING ASD DESIGNED LOADS:

PANEL TYPE	ALLOWABLE WIND LOADS (PSF)			
	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)
	42" MAXIMUM SPAN		24" MAXIMUM SPAN	
	ALUMINUM "C" JOINER		POLYCARBONATE "C" JOINER	
10MM PANELS	42.5	-42.5	35.0	-35.0
18MM PANELS	32.5	-32.5	45.0	-45.0

- SUPPORTING STRUCTURE TO BE DESIGNED WITH DEFLECTION NOT EXCEEDING VALUES AS PER FBC SECTION 1616.3 ITEM 7 (U180) OR ITEM 8 (U80).  
PRODUCT IS NOT IMPACT RATED, THEREFORE NOT TO BE USED AS PART OF THE BUILDING ENVELOPE
- 3- LOADS: A PROJECT DESIGN PRESSURES, DETERMINED FROM SECTION 1620 AND ASCE 7, SHALL BE PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER. ALLOWABLE LOADS SHOWN HERE ARE BASED ON TESTING. ULTIMATE WIND LOADS CALCULATED PER ASCE 7 SHALL BE MULTIPLIED BY 0.6 WHEN REFERENCING THESE DOCUMENTS.

- 4- LABEL: EACH PANEL MUST BE LABELED:

PALRAM AMERICAS, INC. - KUTZTOWN, PA  
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED"

- 5- THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT INCLUDE INFORMATION FOR A SITE SPECIFIC APPLICATION. THE SUPPORTING STRUCTURE SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR ADEQUACY IN SUSTAINING THE PRODUCT IMPOSED LOADS AS WELL AS THE PROPER ANCHORAGE SPECS LISTED HERE.

- 6- MATERIAL:

6.1- SUNPAL 10 (10MM): CANOPY PANELS ARE MADE OF 1" THICK CORRUGATED POLYCARBONATE SHEET WITH PROFILE AS MARKED #1 OR #1A AND CORRESPONDENT COMPONENTS ON THIS SET OF DRAWINGS.

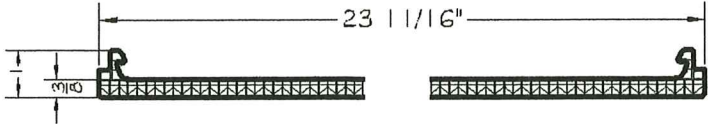
6.2- SUNPAL 18 (18MM): CANOPY PANELS ARE MADE OF 1 5/16" THICK CORRUGATED POLYCARBONATE SHEET WITH PROFILE AS MARKED #2 OR #2A AND CORRESPONDENT COMPONENTS ON THIS SET OF DRAWINGS.

6.3- POLYCARBONATE SHALL BE AN APPROVED PLASTIC AS PER NOA# 23-0815.21 OR LATEST REVISION IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

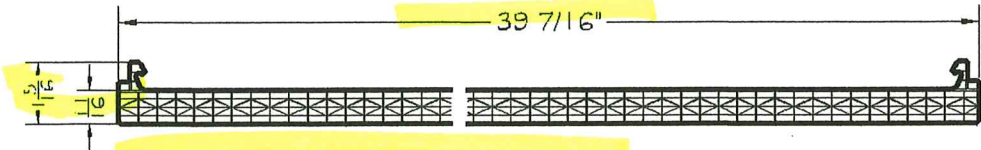
6.4- FASTENERS: ANCHORS SHALL BE AS SPECIFIED BY THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ANY WALL DRESSING. ANCHORS ARE ANALYZED WITH NO ALLOWABLE STRESS INCREASE.

- 7- SUBSTRATE: SUPPORTING STRUCTURE OR SUBSTRATE ARE BEYOND THE SCOPE OF THIS PRODUCT APPROVAL AND MUST BE DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE BY A PROFESSIONAL LICENSED ENGINEER.

SPECIFICATIONS	
TYPE	PANEL DATA
SUNPAL 10 (600)	WIDTH: 23.625" (600 mm)
	HEIGHT: 1" (25.5 mm)
	HEIGHT W/ PC-JOINER: 1.375" (35 mm)
	WEIGHT: 1.045 LB/FT - 0.53 LB/ft^2 ( 1.56 Kg/m, 2.60 Kg/m^2)
	MIN. COLD BENDING RADIUS: 96" (2.4 m)
SUNPAL 18 (1000)	WIDTH: 39.37" (1000 mm)
	HEIGHT: 1.313" (33.5 mm)
	HEIGHT W/ PC-JOINER: 1.625" (41 mm)
	WEIGHT: 2.084 LB/FT - 0.634 LB/ft^2 ( 3.11 Kg/m, 3.11 Kg/m^2)
	MIN. COLD BENDING RADIUS: 120" (3.0 m)



10.1 - SUNPAL 10 mm PANEL (0.39")



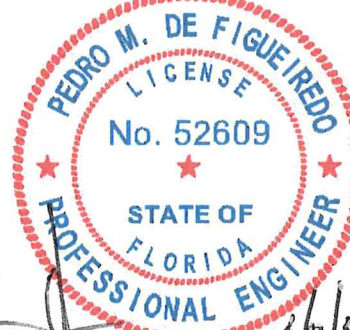
18.1 - SUNPAL 18 mm PANEL (0.71")



MANUFACTURER:  
PALRAM AMERICAS, INC.  
9735 COMMERCE CIRCLE  
KUTZTOWN, PA 19530  
PHONE: (610) 285-9918  
PHONE: (800) 999-9459  
FAX: (610) 285-2859  
WWW.PALRAMAMERICAS.COM

PRODUCT:  
**CANOPY  
PANEL**  
10mm & 18mm SUNPAL MULTIWALL  
POLYCARBONATE PANEL SYSTEM  
Impact Rate: NA

ENGINEERING:  
**PPMF INC.** CA 32459  
631 SEAPORT BLVD.  
CAPE CANAVERAL, FL.  
33324  
PPMF@AOL.COM



Engineer Seal  
Pedro De Figueiredo - PE 52609

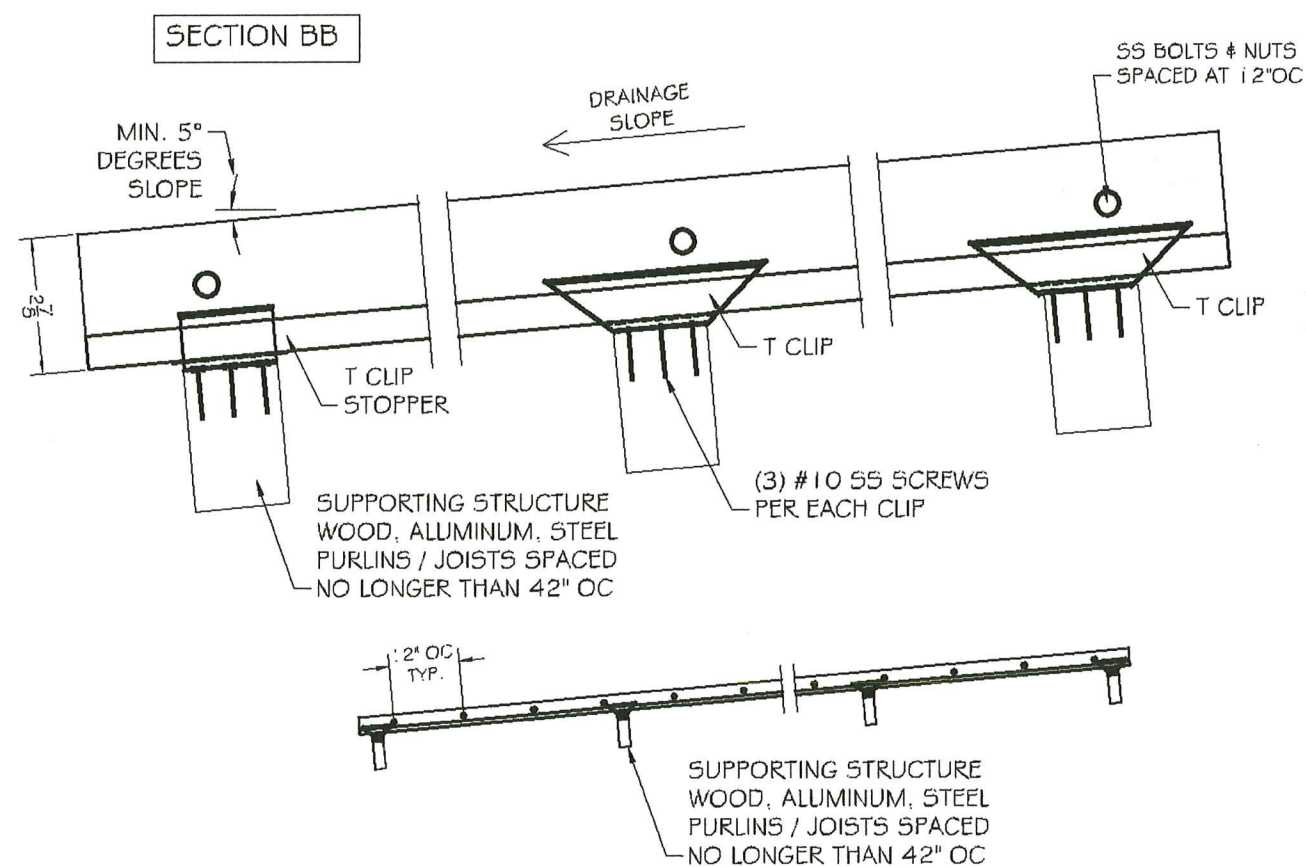
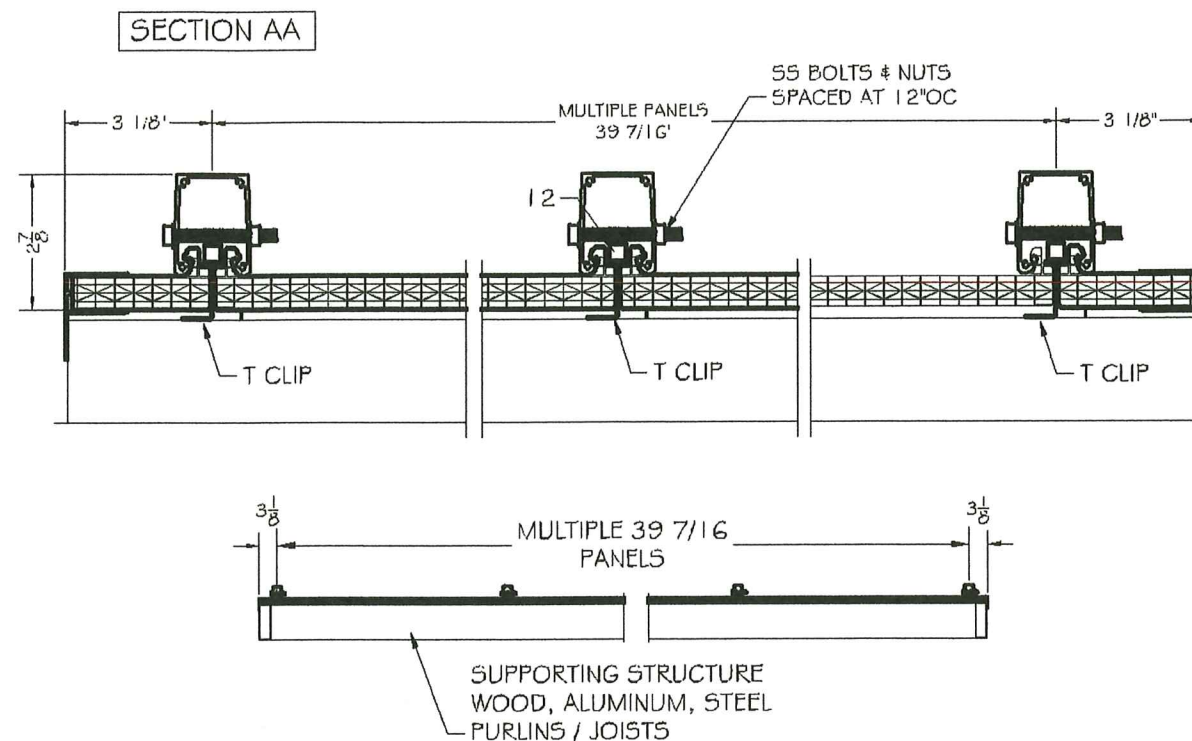
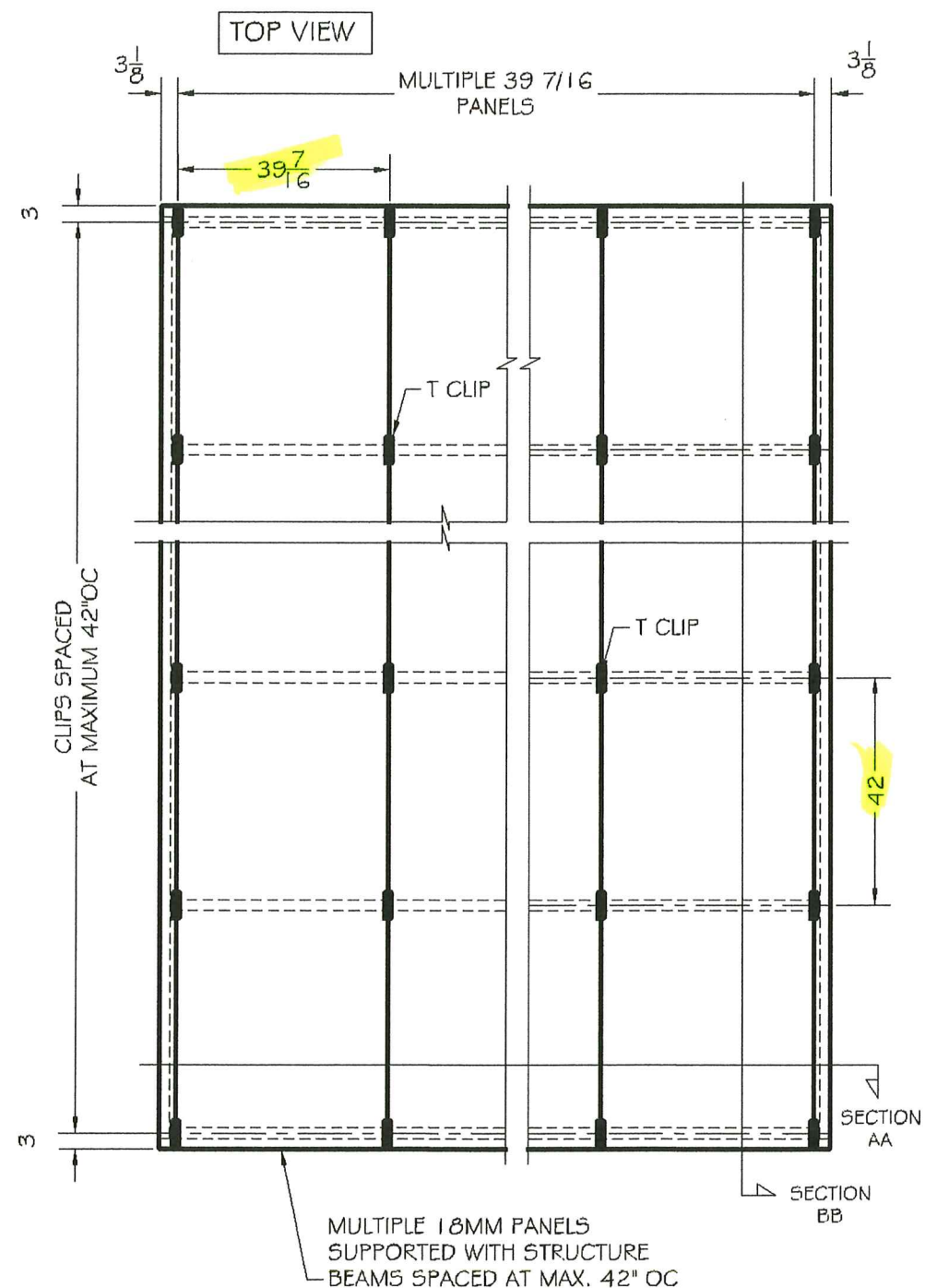
MIAMI-DADE BCCO:  
  
Approved as complying with the  
Florida Building Code  
Date 06/26/25  
NOA# 25-0505.01  
Miami Dade Product Control  
By H. A. Mew

DATE: 04/06/2025  
SCALE: NA  
DESIGN BY: PPMF

SHEET 1 OF 7	DRAWING #: 25-014
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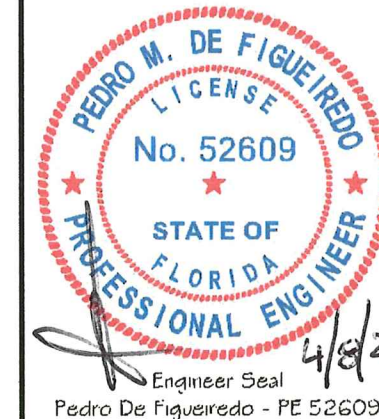
# 18 MM INSTALLATION WITH ALUMINUM "C" JOINER RATED: $\pm 32.5$ PSF



MANUFACTURER:  
PALRAM AMERICAS, INC.  
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WWW.PALRAMAMERICAS.COM

PRODUCT:  
**CANOPY PANEL**  
10mm & 18mm SUNPAL MULTIWALL  
POLYCARBONATE PANEL SYSTEM  
Impact Rate: NA

ENGINEERING:  
**PPMF INC.** CA 32459  
631 SEAPORT BLVD.  
CAPE CANAVERAL, FL.  
33324  
PPMF@AOL.COM



MIAMI-DADE BCCO:

Approved as complying with the  
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Date: 06/26/25  
NOA# 25-0505.01  
Miami Dade Product Control  
By: *[Signature]*

DATE: 04/06/2025  
SCALE: NA  
DESIGN BY: PPMF

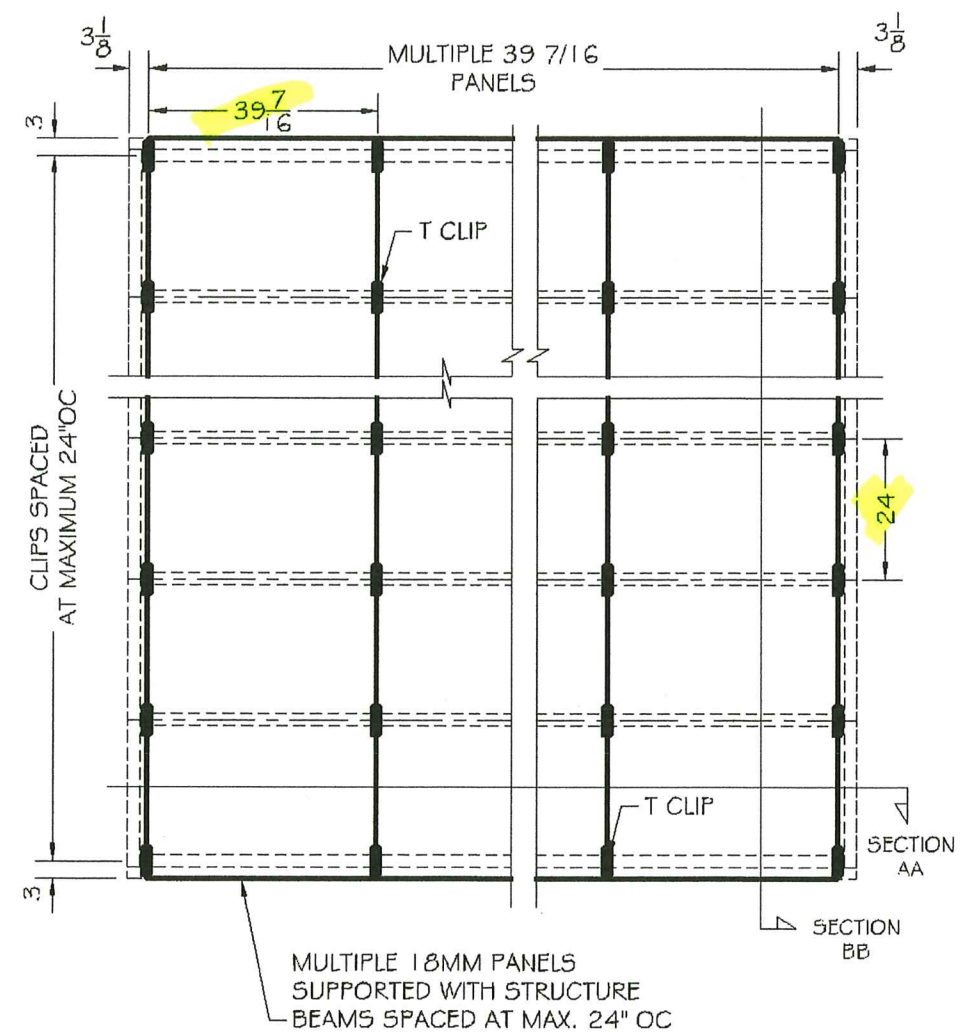
SHEET  
2 OF 7

DRAWING #:  
25-014

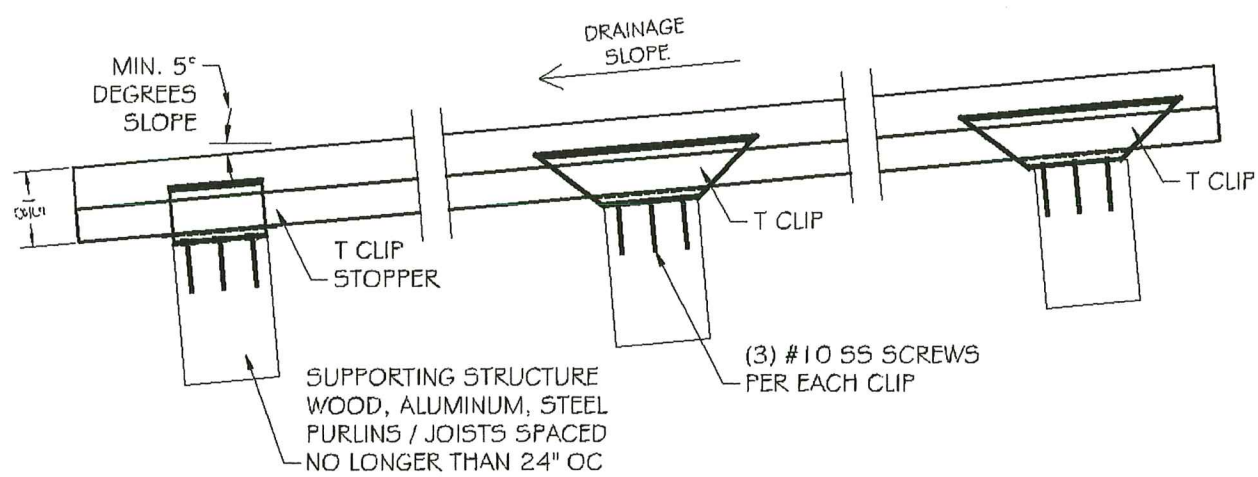
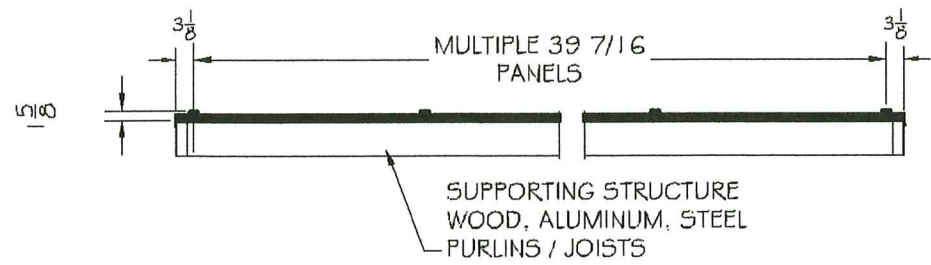
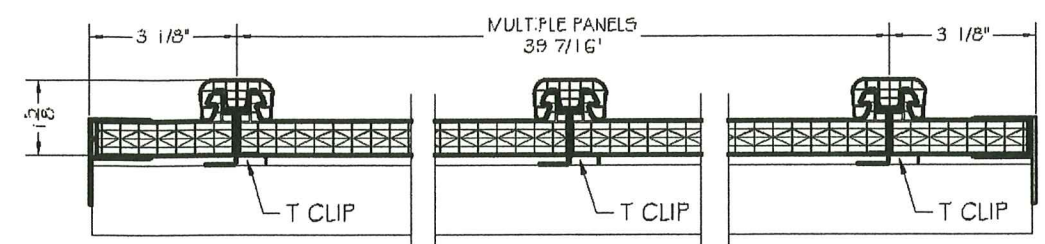


18 MM INSTALLATION WITH  
POLYCARBONATE "C" JOINER  
RATED: ±45.0 PSF

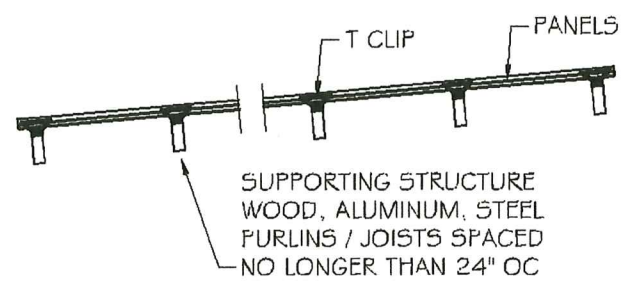
TOP VIEW



SECTION AA



SECTION BB



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Engineer Seal  
Pedro De Figueiredo - PE 52609

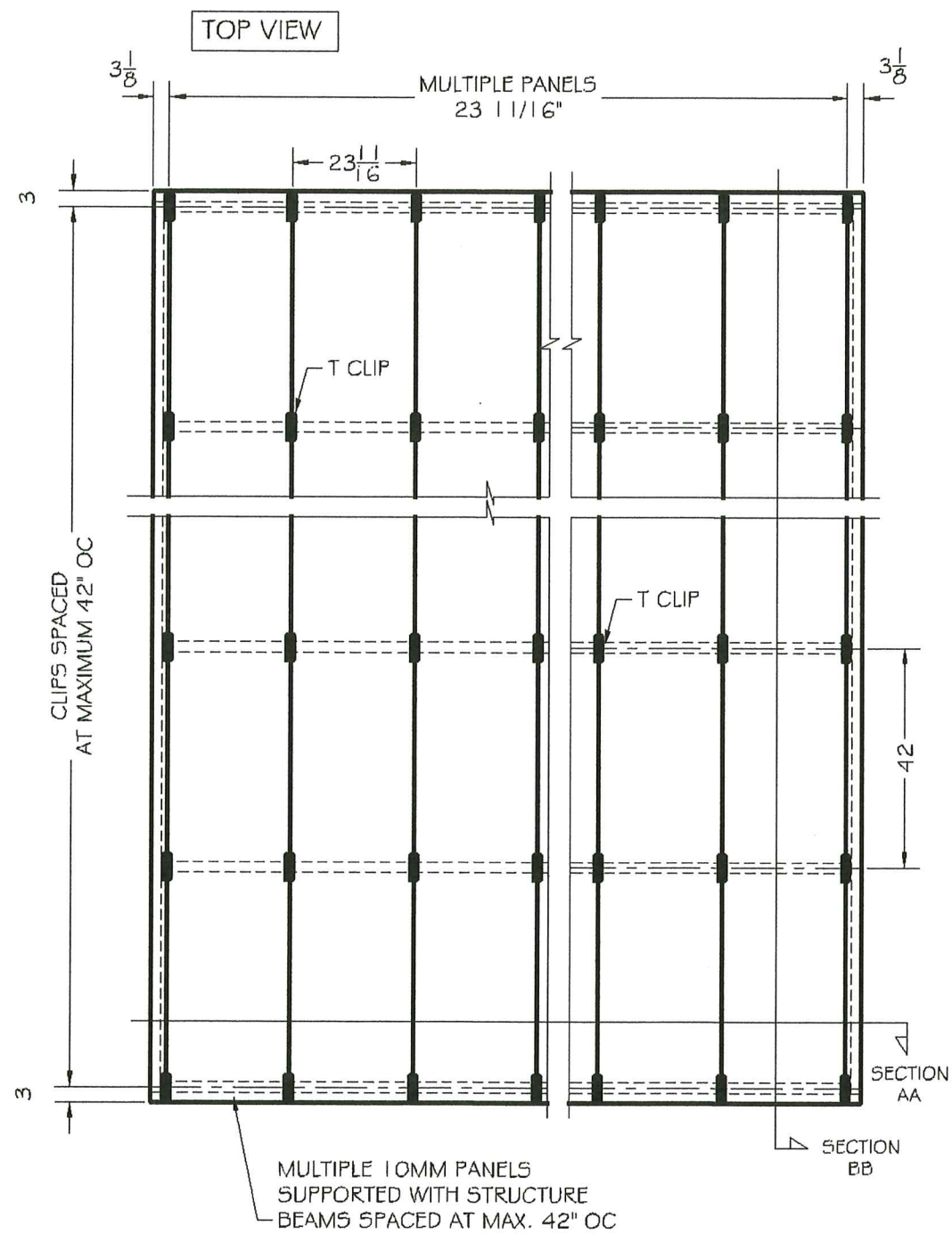
MIAMI-DADE BCGO:  
Approved as complying with the  
Florida Building Code  
Date 06/26/25  
NOA# 25-6505-01  
Miami Dade Product Control  
By *Healy A. M...*

DATE: 04/06/2025  
SCALE: NA  
DESIGN BY: PPMF

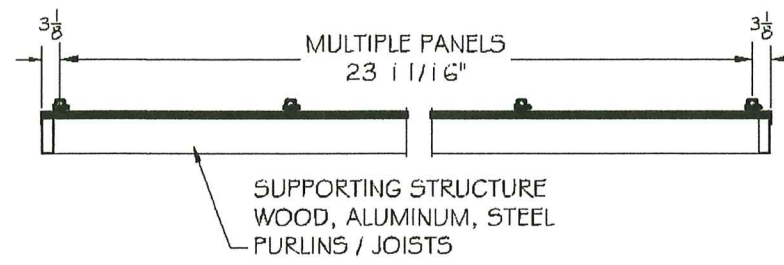
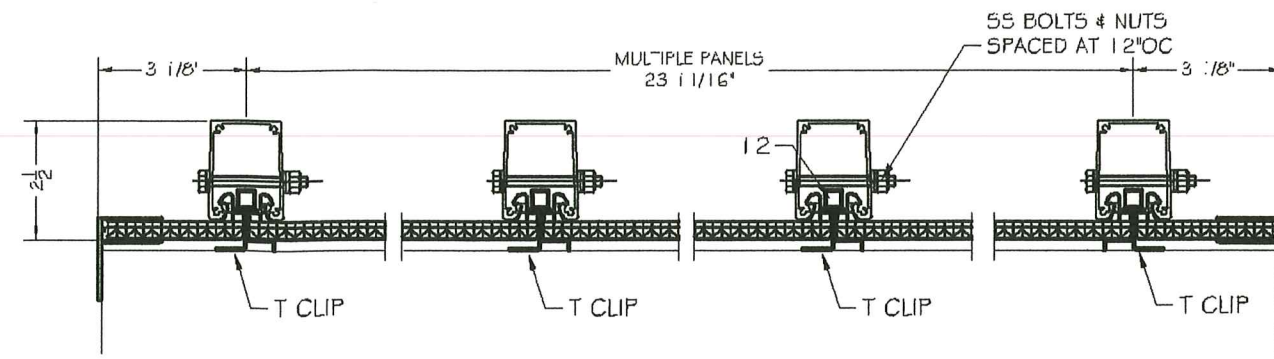
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3 OF 7  
DRAWING #:  
25-014



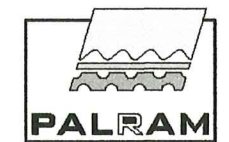
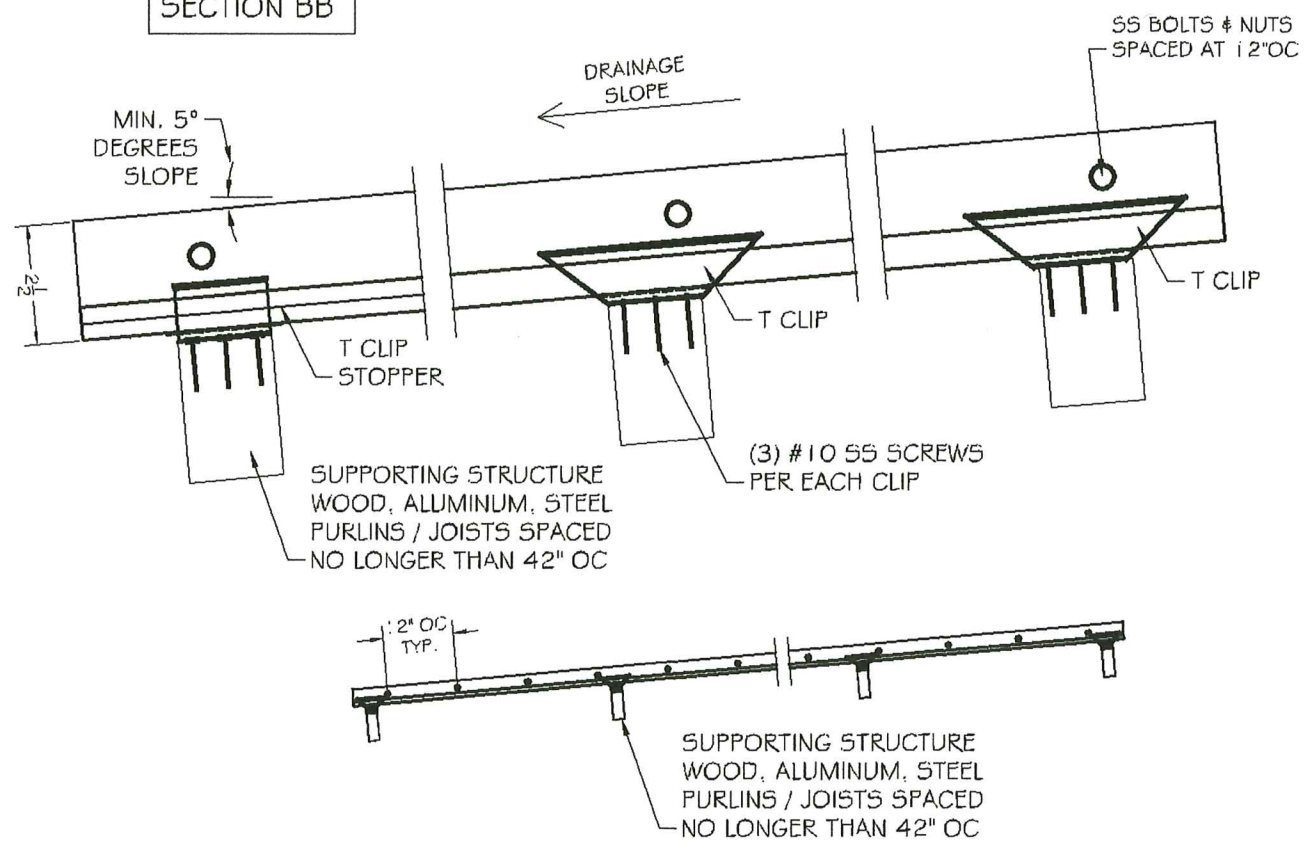
10 MM INSTALLATION WITH  
ALUMINUM "C" JOINER  
RATED:  $\pm 42.5$  PSF



SECTION AA



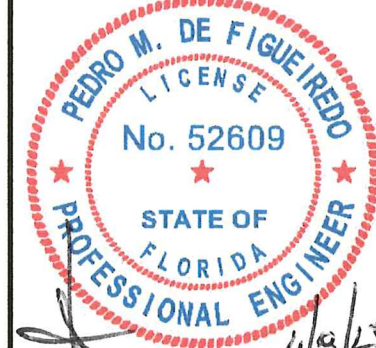
SECTION BB



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NOA# 25-8505.01  
Miami Dade Product Control  
By: *[Signature]*

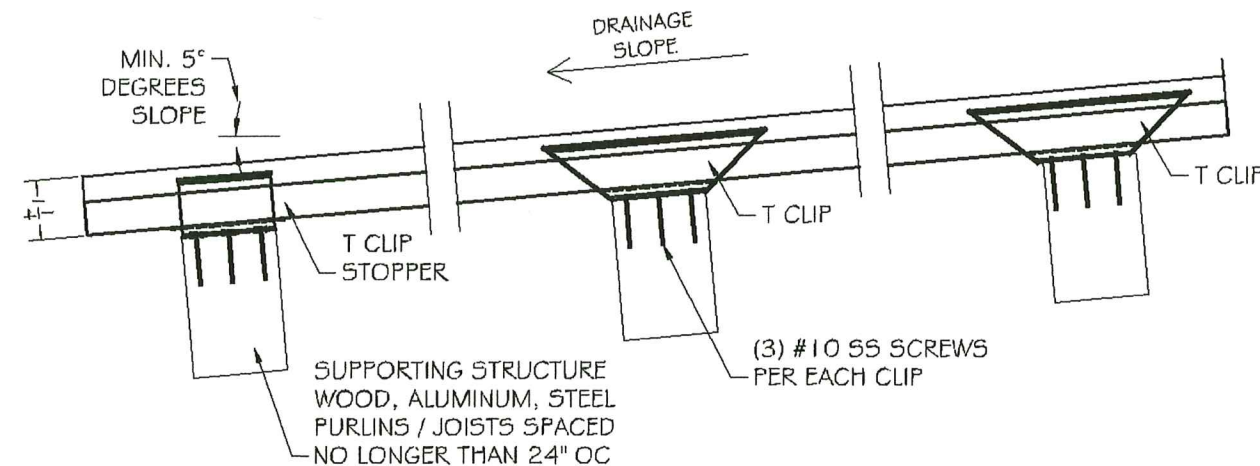
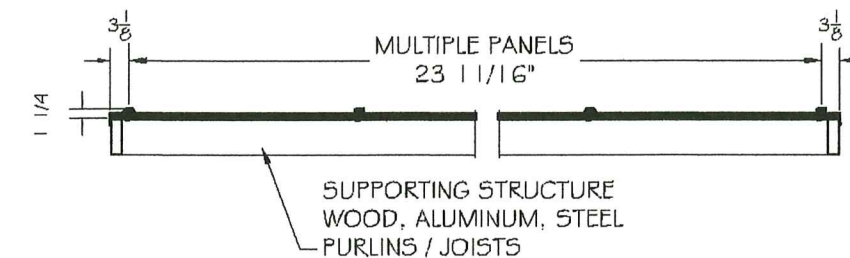
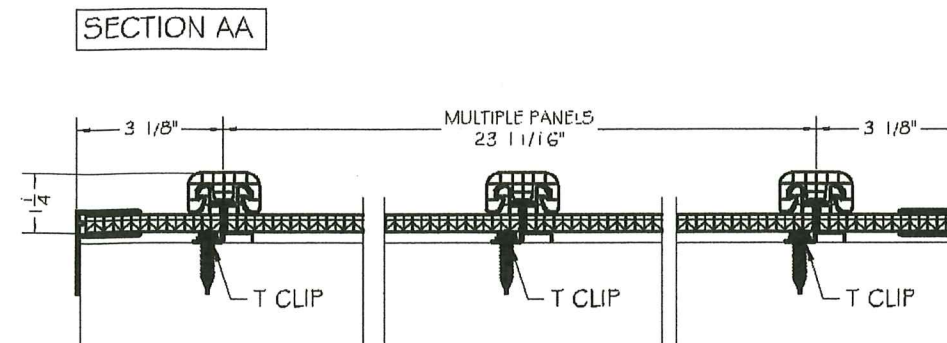
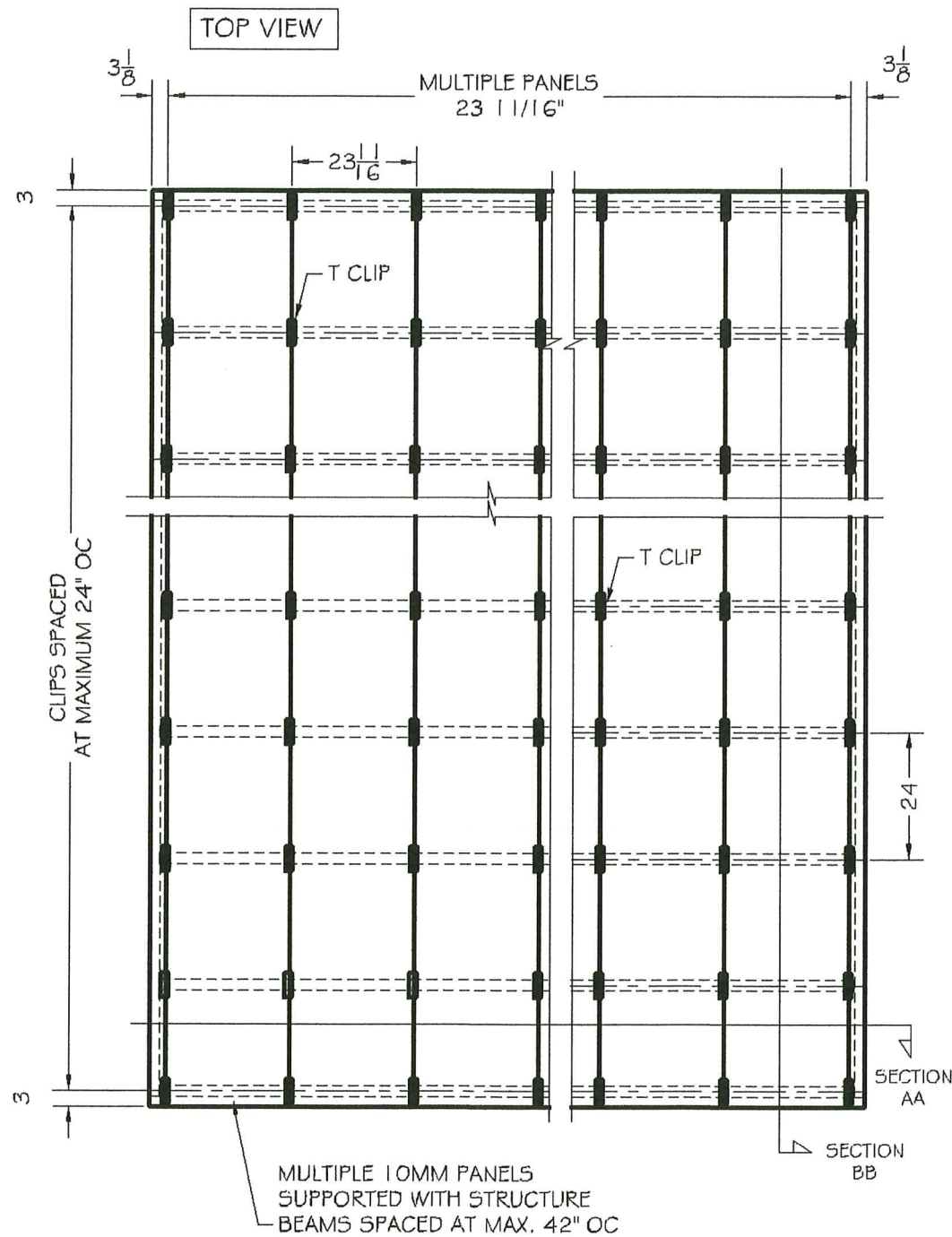
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DESIGN BY: PPMF

SHEET  
4 OF 7

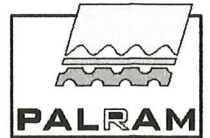
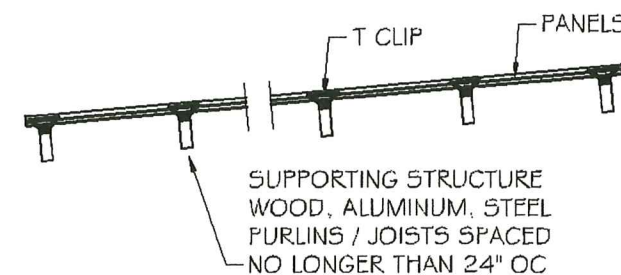
DRAWING #:  
25-014



10 MM INSTALLATION WITH  
POLYCARBONATE "C" JOINER  
RATED:  $\pm 35.0$  PSF



SECTION BB

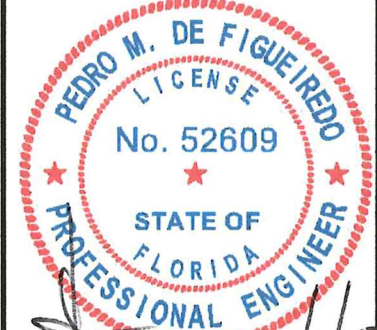


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PANEL**

10mm & 18mm SUNPAL MULTIWALL  
POLYCARBONATE PANEL SYSTEM  
Impact Rate: NA

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Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

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NOA# 25-0505.01  
Miami Dade Product Control

By *H. A. M. W.*

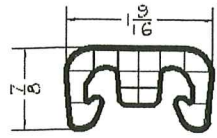
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DESIGN BY: PPMF

SHEET  
5 OF 7

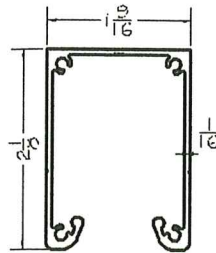
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25-014



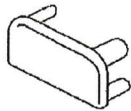
BILL OF MATERIALS - SUNPAL 18		
#	DESCRIPTION	MATERIAL
18.1	PANEL	CORRUGATED POLYCARBONATE PANEL
2	1.546" X 0.875" PC JOINER	EXTRUDED POLYCARBONATE
2A	END-CAPE FOR 18.2	CLEAR ACRYLIC CAP
3	ALUMINUM JOINER C	ALUMINUM 6063-T5
3A	END-CAP FOR 3	ALUMINUM 6063-T5 PLATE
18.4	SUNPAL 18 SEALING STRIP	ALUMINUM 6063-T5
5	PC U-PROFILE	ALUMINUM 6063-T5
18.6	SUNPAL 18 T-FASTENER CLIPS	STAINLESS STEEL
18.7	SUNPAL 18 T-STOPPER	STAINLESS STEEL
18.8	SUNPAL 18 F-PROFILE	ALUMINUM 6063-T5
9	METAL SCREWS	#10-16 SDS
10	WOOD SCREWS	#10-16 WOOD SCREWS
18.11	SUNPAL 18 U-PROFILE	ALUMINUM 6063-T5
12	RHS PROFILE	ALUMINUM 6063-T5
13	M6 2 1/4" SS BOLTS W/ NUTS	STAINLESS STEEL



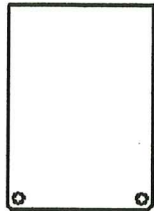
2- POLYCARBONATE  
"C" JOINER



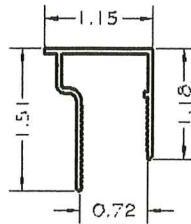
3- ALUMINUM  
"C" JOINER



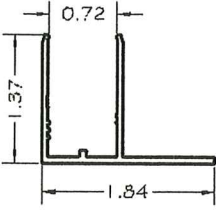
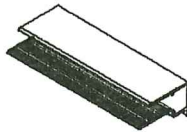
2A- END CAP FOR  
PC "C" JOINER PART# 2



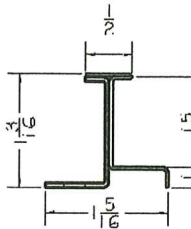
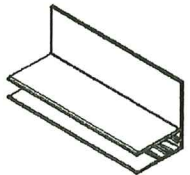
3A- END CAP FOR  
ALUM. "C" JOINER  
PART# 3



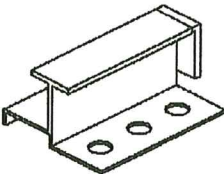
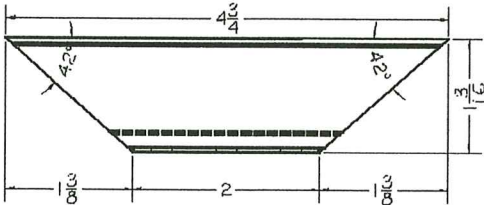
18.4 - SUNPAL 18mm  
SEALING END CAPS STRIP



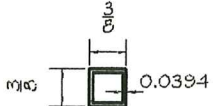
18.8- SUNPAL 18mm  
"F" PROFILE



18.6- SUNPAL 18  
"T" FASTENER CLIP



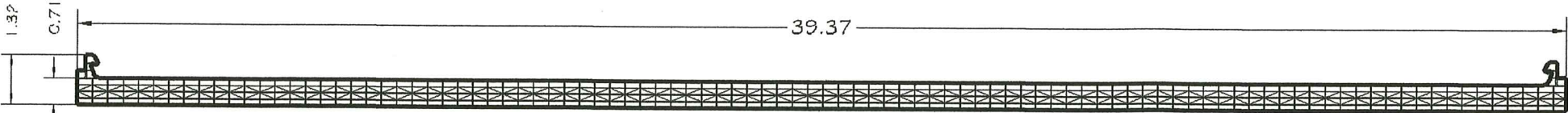
18.7- SUNPAL 18  
"T" STOPPER  
FASTENER CLIP



12- RHS PROFILE



13- M6 2 1/4" SS BOLTS W/  
FLAT / LOCK WASHERS,  
AND MATCHING NUT



18.1 - SUNPAL 18 mm PANEL (0.71")



MANUFACTURER:  
PALRAM AMERICAS, INC.  
9735 COMMERCE CIRCLE  
KUTZTOWN, PA 19530  
PHONE: (610) 285-9918  
PHONE: (800) 999-9459  
FAX: (610) 285-2859  
WWW.PALRAMAMERICAS.COM

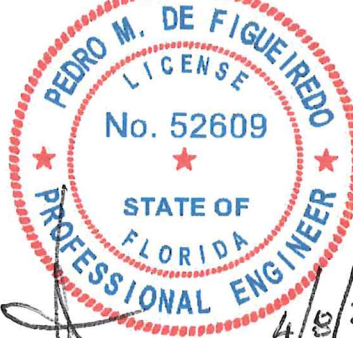
PRODUCT:

**CANOPY  
PANEL**

10mm & 18mm SUNPAL MULTIWALL  
POLYCARBONATE PANEL SYSTEM  
Impact Rate: NA

ENGINEERING:

**PPMF INC.** CA 32459  
631 SEAPORT BLVD.  
CAPE CANAVERAL, FL.  
33324  
PPMF@AOL.COM



Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

Approved as complying with the  
Florida Building Code  
Date 06/26/25  
NOA# 25-0505.01  
Miami Dade Product Control  
By H. A. M. W.

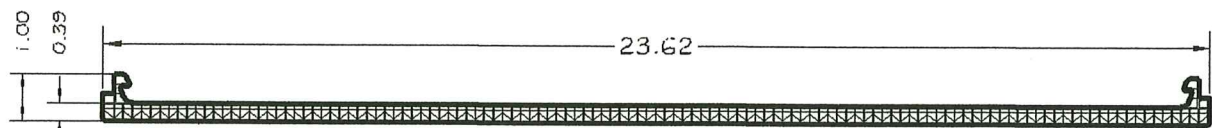
DATE: 04/06/2025  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
6 OF 7

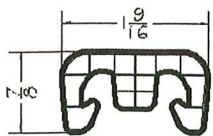
DRAWING #:  
25-014



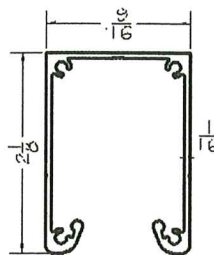
BILL OF MATERIALS - SUNPAL 10		
#	DESCRIPTION	MATERIAL
10.1	1" THICK X 23.625" PANEL	CORRUGATED POLYCARBONATE PANEL
2	1.546" X 0.875" PC JOINER	EXTRUDED POLYCARBONATE
2A	END-CAPE FOR 2	CLEAR ACRYLIC CAP
3	ALUMINUM JOINER C	ALUMINUM 6063-T5
3A	END-CAP FOR 3	ALUMINUM 6063-T5 PLATE
10.4	SUNPAL 10 SEALING STRIP	ALUMINUM 6063-T5
5	PC U-PROFILE	ALUMINUM 6063-T5
10.6	SUNPAL 10 T-FASTENER CLIPS	STAINLESS STEEL
10.7	SUNPAL 10 T-STOPPER	STAINLESS STEEL
10.8	SUNPAL 10 F-PROFILE	ALUMINUM 6063-T5
9	METAL SCREWS	#10-16 SDS
10	WOOD SCREWS	#10-16 WOOD SCREWS
10.11	SUNPAL 10 U-PROFILE	ALUMINUM 6063-T5
12	RHS PROFILE	ALUMINUM 6063-T5
13	M6 2 1/4" SS BOLTS W/ NUTS	STAINLESS STEEL



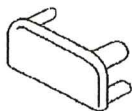
10.1 - SUNPAL 10 mm PANEL (0.39")



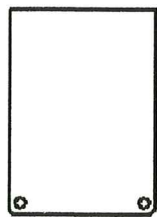
2- POLYCARBONATE "C" JOINER



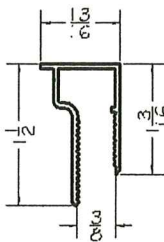
3- ALUMINUM "C" JOINER



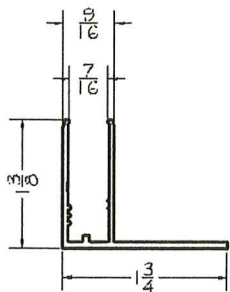
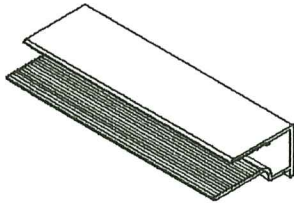
2A- END CAP FOR PC "C" JOINER PART# 2



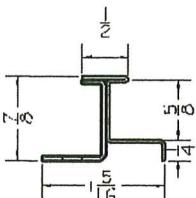
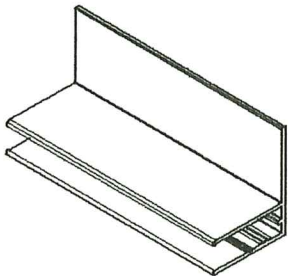
3A- END CAP FOR ALUM. "C" JOINER PART# 3



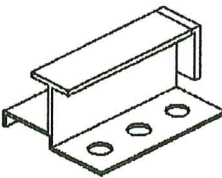
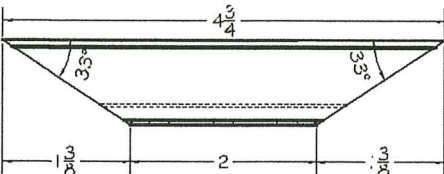
10.4- SUNPAL 10 SEALING STRIP



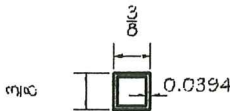
10.8- SUNPAL 10mm "F" PROFILE



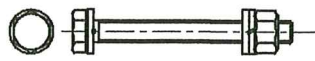
10.6- SUNPAL 10 "T" FASTENER CLIP



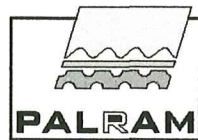
10.7- SUNPAL 10 "T" STOPPER FASTENER CLIP



12- RHS PROFILE



13- M6 2 1/4" SS BOLTS W/ FLAT / LOCK WASHERS, AND MATCHING NUT



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10mm & 18mm SUNPAL MULTIWALL POLYCARBONATE PANEL SYSTEM  
Impact Rate: NA

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**PPMF INC.** CA 32459  
631 SEAPORT BLVD.  
CAPE CANAVERAL, FL.  
33324  
PPMF@AOL.COM

**PEDRO M. DE FIGUEIREDO**  
LICENSE  
No. 52609  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
Engineer Seal  
Pedro De Figueiredo - PE 52609  
4/8/25

MIAMI-DADE BCCO:  
Approved as complying with the  
Florida Building Code  
Date 04/26/25  
NOA# 25-6505.01  
Miami Dade Product Control  
By *Helga M. M.*

DATE: 04/06/2025  
SCALE: NA  
DESIGN BY: PPMF

SHEET 7 OF 7  
DRAWING #: 25-014