



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)

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: 3mm Sunscape Canopy Cover / 4mm Sunglaze Canopy Cover

APPROVAL DOCUMENT: Drawing No. 20-155, titled "Corrugated Polycarbonate Canopy Panel ", sheets 1 and 2 of 2, dated September 17, 2020, prepared by Engco, Inc., signed and sealed by Pedro M. De Figueiredo, P.E., 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
11/26/2020

NOA No. 20-0720.02
Expiration Date: 11/26/2025
Approval Date: 11/26/2020
Page 1

Palram Americas, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 20-155, titled "Corrugated Polycarbonate Canopy Panel", sheets 1 and 2 of 2, dated September 17, 2020, prepared by Engco, Inc., signed and sealed by Pedro M. De Figueiredo, P.E.*

B. TESTS

1. *Test report on Uniform Static Air Pressure Test on a Corrugated Polycarbonate Panel for Canopy, prepared by Force Engineering & Testing, Report No. 273-0126T-19A, dated May 21, 2020, signed and sealed by Brandon Jasek, P.E.*
2. *Test report on Uniform Static Air Pressure Test on a Corrugated Polycarbonate Panel for Canopy, prepared by Force Engineering & Testing, Report No. 273-0126T-19B, dated May 21, 2020, signed and sealed by Brandon Jasek, P.E.*
3. *Test report per ASTM D635 on a Corrugated Polycarbonate Panel for Canopy, prepared by Intertek, Report No. K6233.03-106-31 R0, dated Feb. 10, 2020, signed and sealed by Dawn M. Chaney.*
4. *Test report per ASTM D 2843-10 on a Corrugated Polycarbonate Panel for Canopy, prepared by Architectural Testing, Report No. A3987.01-106-31, dated Nov. 02, 2010, signed and sealed by Gary Hartman, P.E.*
5. *Test report per ASTM D 635-06 on a Corrugated Polycarbonate Panel for Canopy, prepared Exova.*
6. *Test report per ASTM D1929 on a Corrugated Polycarbonate Panel for Canopy, prepared by Intertek, Report No. K6233.03-106-31 R0, dated Feb. 10, 2020, signed and sealed by Dawn M. Chaney.*

C. CALCULATIONS

1. *Calculations titled "Corrugated Polycarbonate Panel, dated October 02, 2020, pages 1 through 5, prepared by Engco, Inc., signed and sealed by Pedro M. De Figueiredo, P.E.*

D. QUALITY ASSURANCE

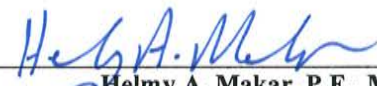
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION:

1. *None.*

F. STATEMENTS

1. *Letter of compliance with the Florida Building Code 2017 Edition, and 2020 Edition issued by Engco, Inc., signed and sealed by Pedro M. De Figueiredo, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 20-0720.02
Expiration Date: 11/26/2025
Approval Date: 11/26/2020

GENERAL NOTES

FBC 2017 - 6th EDITION // FBC 2020 - 7th 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 PROVISIONS

2- THIS PRODUCT IS TESTED AND DESIGNED TO COMPLY WITH THE FOLLOWING ASD DESIGNED LOADS:

MAXIMUM SPAN	L=60 IN	L=54 IN	L<=48 IN
LIVE LOAD (PSF)	+20	+20	+20
POS. WIND LOAD (PSF)	+48	+66	+75
NEG. WIND LOAD (PSF)	- 52	-72	-75

DESIGNED VALUES CONTROLLED BY DEFLECTION L/80

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"

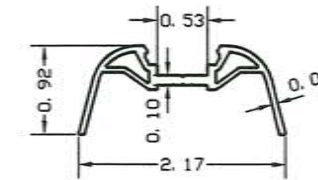
5- THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT INCLUDE INFORMATION FOR A SITE SPECIFIC APPLICATION. THE SUPPORTING STRUCTURE SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR ADEQUACY IN SUSTAINING THE PRODUCT IMPOSED LOADS AS WELL AS THE PROPER ANCHORAGE SPECS LISTED HERE.

6- MATERIAL:

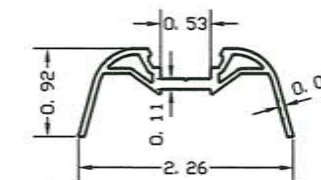
6.1 - CANOPY PANELS ARE MADE OF 24" COVERAGE FLAT POLYCARBONATE SHEET WITH PROFILE AS MARKED #1 OR #1A ON THIS SET OF DRAWINGS. POLYCARBONATE SHALL BE AN APPROVED PLASTIC AS PER NOA# 18-0328.02 OR LATEST REVISION IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

6.2- 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.

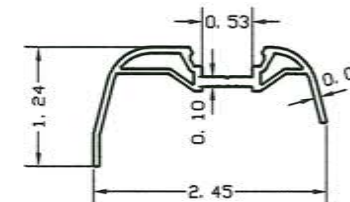
PRODUCT COMPONENTS



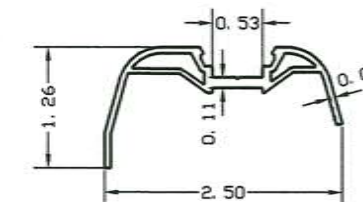
2- 3mm CENTER CAP
#SAP 9014234



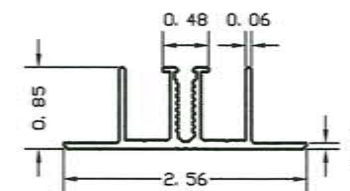
2.1- 4mm CENTER CAP
#SAP 9014249



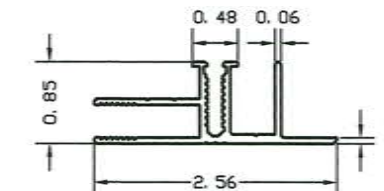
3- 3mm SIDE CAP
#SAP 9014252



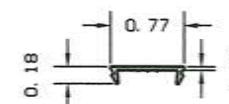
3.1- 4mm SIDE CAP
#SAP 9014254



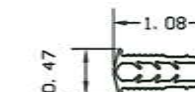
4- 3mm-4mm CENTER BASE
#SAP 9014233



5- 3mm-4mm SIDE BASE
#SAP 9014253



6- PLUG
#SAP 9014250



7- EPDM GLAZING GASKET
#PLR-SNG-001

OCT 02 2020



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**

0.031" CORRUGATED
POLYCARBONATE PANEL

ENGINEERING:

ENGCO INC. CA 8116
9715 W. BROWARD BLVD. 247
PLANTATION, FL. 33324
ENGCO@AOL.COM



Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

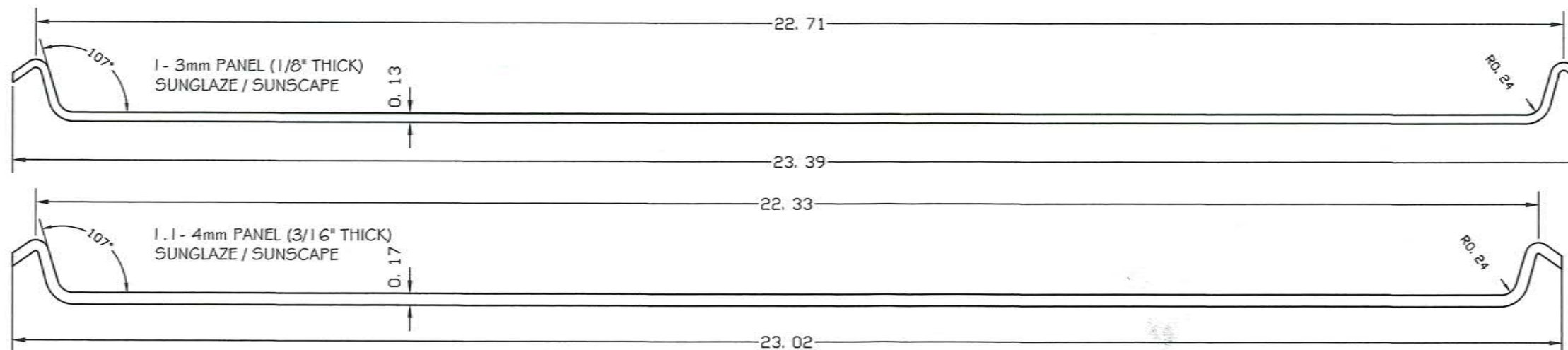
Approved as complying with the
Florida Building Code
Date 11/26/2020
NOA# 20-0720-02
Miami Dade Product Control

By Hely A. M...

DATE: 09/17/2020
SCALE: NA
DESIGN BY: PPMF

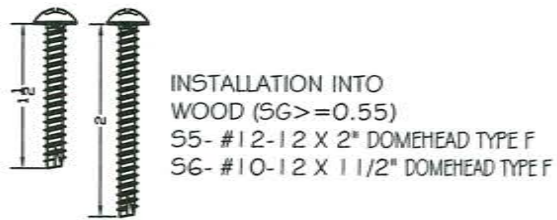
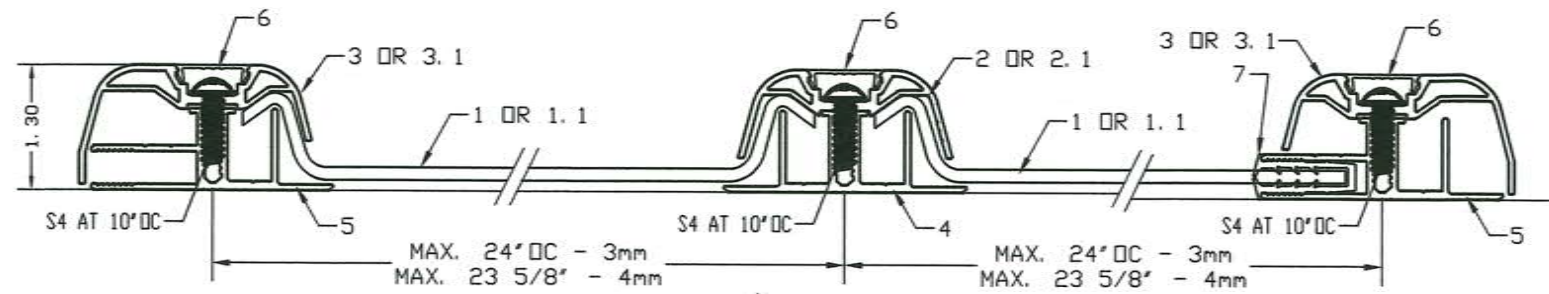
SHEET
1 OF 2

DRAWING #:
20-155

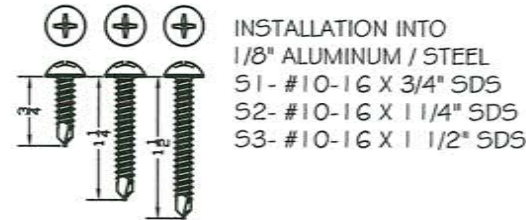


PRODUCT LAY-OUT AND SECTIONS

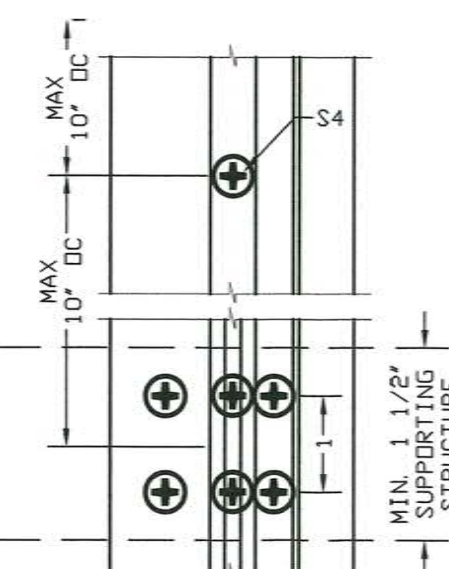
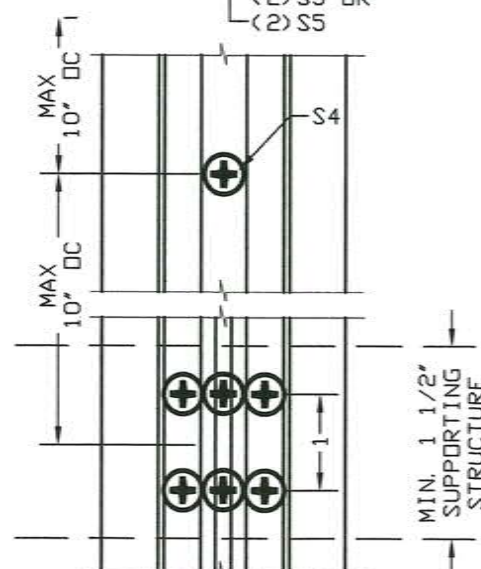
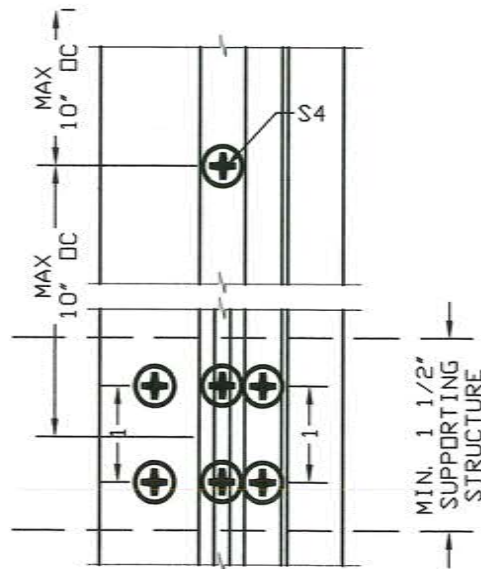
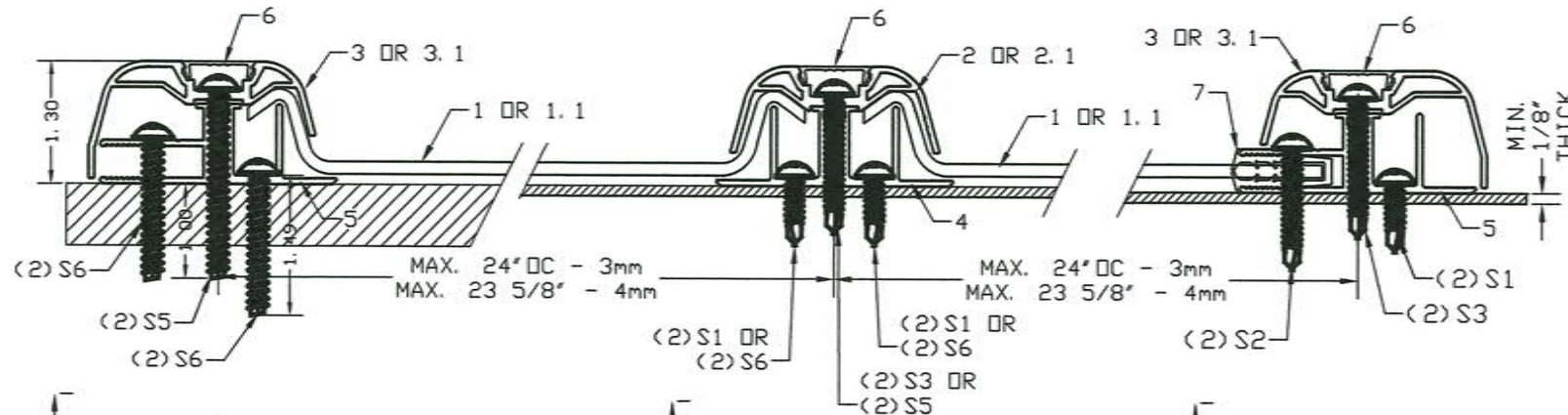
CON 1: CONNECTION IN BETWEEN SUPPORTS SPACED AT MAXIMUM 10' OC



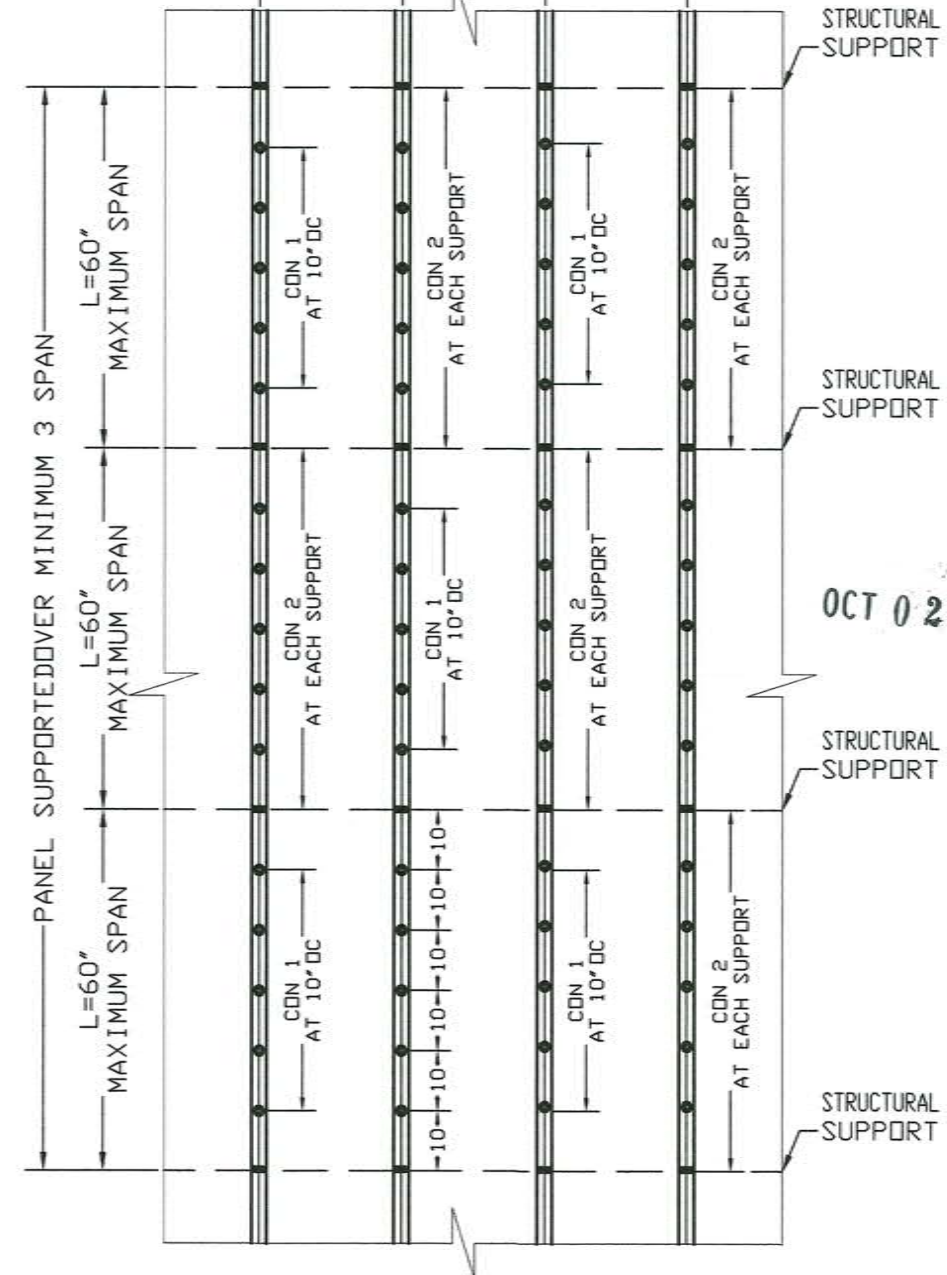
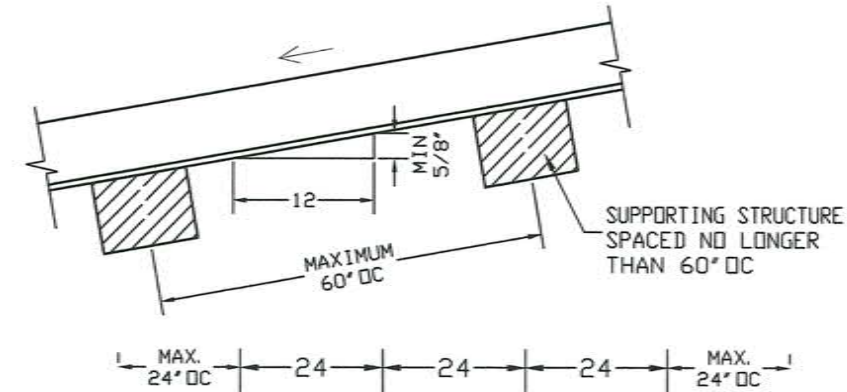
CAP TO BASE
S4- #12-14 X 3/4" DOMEHEAD TYPE F PT
MAX. 10' OC BETWEEN SUPPORTS



CON 2: CONNECTION AT SUPPORT SPACED AT MAXIMUM 60' OC



PANEL RECOMMENDED MINIMUM SLOPE
MINIMUM ROOF PITCH OF 5/8" PER FOOT FOR DRAINAGE



TYPICAL PANELS LAY-OUT AND
ASSEMBLY AND ANCHORAGE
TO STRUCTURAL SUPPORT



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FAX: (610) 285-2859
WWW.PALRAMAMERICAS.COM

PRODUCT:

ROOF PANEL
CORRUGATED POLYCARBONATE
PANEL

ENGINEERING:

ENGCO INC. CA 8116
9715 W. BROWARD BLVD. 247
PLANTATION, FL. 33324
ENGCO@AOL.COM



Engineer Seal
Pedro De Figueiredo - PE 52609

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Miami Dade Product Control
By: *Heidi A. M...*

DATE: 09/17/2020
SCALE: NA
DESIGN BY: PPMF

SHEET
2 OF 2

DRAWING #:
20-155