



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

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)

**Regal Plastic Supply Company, Inc.**  
**9200 N. Royal Ln.**  
**Irving, TX 75063**

### 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 Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Poseidon Polycarbonate Panels for Canopies

**APPROVAL DOCUMENT:** Drawing No. **08-03845**, titled "Poseidon Panel Polycarbonate", sheet 1 through 3 of 3, dated 08/07/2022, with revision A dated 09/06/2023, prepared by L. Roberto Lomas, P.E., signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control revision stamp with the NOA number and approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: None

**LABELING:** A permanent label with the manufacturer's name or logo, manufacturing plant's city, state, model/series, and following statement: "Miami-Dade County Product Control Approved" is to be located on each panel or component.

**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 # **23-0314.09** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



06/26/24

NOA No. 24-0611.05  
Expiration Date: November 2, 2028  
Approval Date: July 5, 2024  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under NOA # 23-0314.09 and new**

**A. DRAWINGS**

1. Drawing No. **08-03845**, titled “Poseidon Panel Polycarbonate”, sheet 1 through 3 of 3, dated 08/07/2022, with revision A dated 09/06/2023, prepared by L. Roberto Lomas, P.E., signed and sealed by Luis R. Lomas, P.E.

**B. TESTS**

	<u>Test Report</u>	<u>Test Standard</u>	<u>Date</u>	<u>Signature</u>
1.	CCL 23-006	TAS 202-94	01/25/23	Abdol Rezadad, P.E.
2.	3148310COQ-002	ASTM G155-05a D638-08 D790-07	06/29/09	Kal Kooner
3.	100017734SAT-003	ASTM E84	05/11/10	Servando Romo
4.	100017734W13-002	ASTM D635-06	03/30/10	Rhonda Byrne
5.	3064952	ASTM D1929	09/29/04	Michael Van Geyn

**C. CALCULATIONS**

1. Anchor calculations, prepared by L. Roberto Lomas, P.E., dated 08/08/2022, signed and sealed by Luis R. Lomas.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to the 8<sup>th</sup> edition (2023) of the FBC and of no financial interest, issued by L. Roberto Lomas, P.E., dated 05/28/2024, signed and sealed by Luis R. Lomas, P.E.

***“Submitted under NOA # 23-0314.09”***

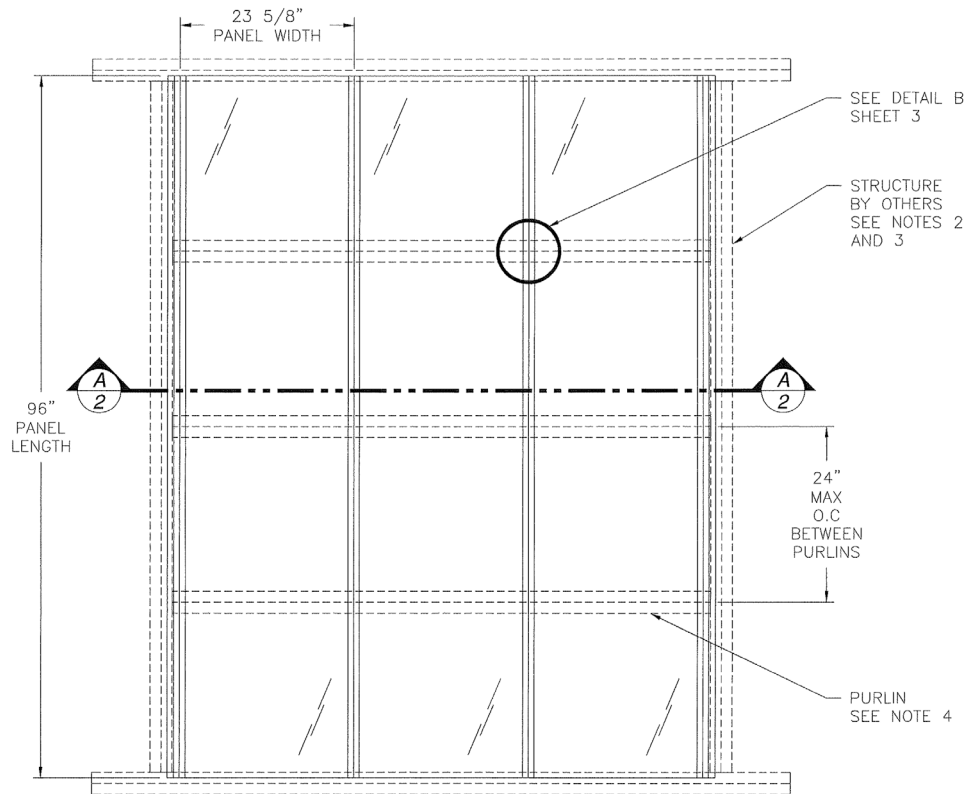
2. Statement letter of code conformance to the 7<sup>th</sup> edition (2020) of the FBC and of no financial interest, issued by L. Roberto Lomas, P.E., dated 01/31/2023, signed and sealed by Luis R. Lomas, P.E.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 24-0611.05**  
**Expiration Date: November 2, 2028**  
**Approval Date: July 5, 2024**

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	09/06/23	R.L.



#### NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS. FRAMING CONSTRUCTION IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. BEAMS, GIRDERS, COLUMNS AND FOUNDATIONS ARE NOT PART OF THIS APPROVAL AND MUST BE ENGINEERED SEPARATELY.
4. PURLIN MUST CONSTRUCTED OUT OF (2) 2X OR SIMILAR IN ORDER TO PROVIDE ROOM FOR ANCHOR INSTALLATION.
5. WIND LOAD DURATION FACTOR  $C_d=1.6$  WAS USED FOR WOOD ANCHOR CALCULATIONS.
6. PANEL MATERIAL: MODULAR POLYCARBONATE (ARCOPLUS 6104 BY GALLINA USA).
7. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 2 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
8. ALL FASTENERS TO BE CORROSION RESISTANT.
9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:

A. WOOD: MINIMUM SPECIFIC GRAVITY OF  $G=0.42$

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 24-0611.05  
Expiration Date 11/02/2028

By *[Signature]*  
Miami-Dade Product Control

SIGNED: 09/06/2023

**POSEIDON PANEL**  
3 PANEL STRUCTURE SHOWN. MULTIPLE PANEL CONFIGURATIONS ARE APPROVED AS LONG AS  
INDIVIDUAL PANEL DOES NOT EXCEED 23 5/8" WIDTH AND 96" HEIGHT

DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-35.0PSF	NONE

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By *[Signature]*  
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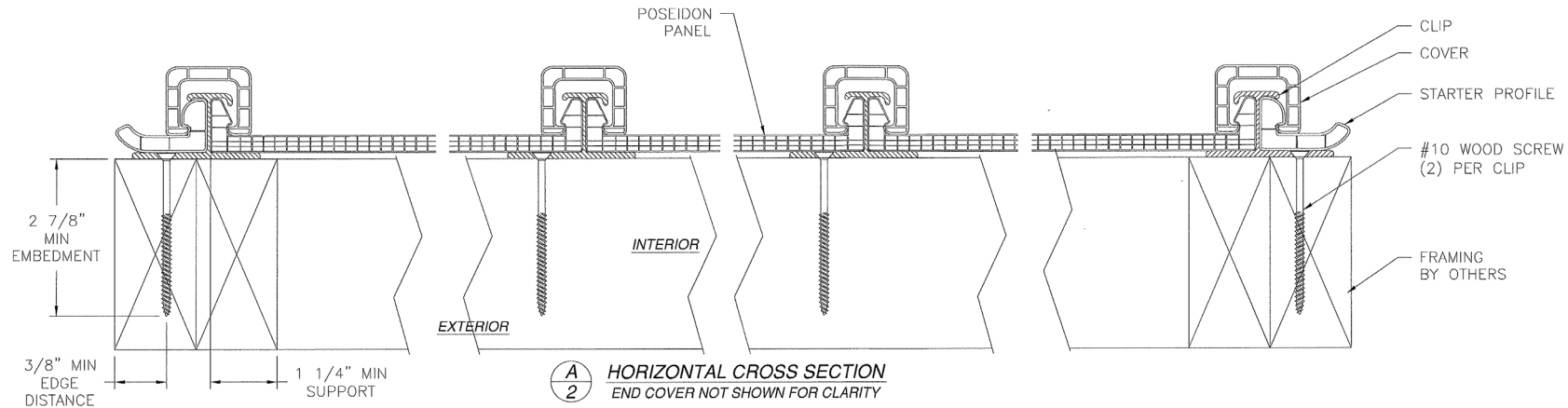
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND NOTES
2	INSTALLATION DETAILS
3	COMPONENTS

REGAL PLASTIC SUPPLY COMPANY, INC.			
9200 N ROYAL LN IRVING, TX 75063			
POSEIDON PANEL POLYCARBONATE ELEVATION AND NOTES			
DRAWN: R.L.	DWG NO. 08-03845	REV A	
SCALE NTS	DATE 08/07/2022	SHEET 1 OF 3	
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIAN LANTIC, FL 32903 434-888-0609 rllomas@lrllomaspe.com			

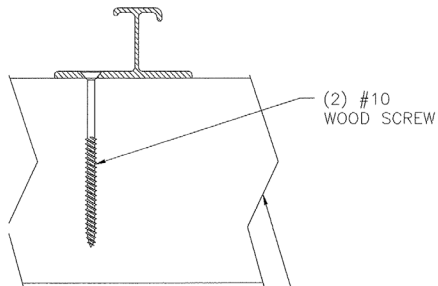
LUIS R. LOMAS  
LICENSE  
No. 62514  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

Luis R. Lomas P.E.  
FL No.: 62514

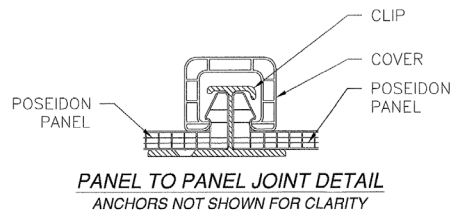
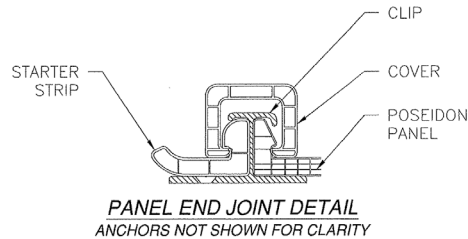
REVISIONS			
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**A**  
**2** **HORIZONTAL CROSS SECTION**  
END COVER NOT SHOWN FOR CLARITY



**DETAIL B**  
**CLIP TO PURLIN INSTALLATION**



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Miami-Dade Product Control

SIGNED: 09/06/2023

REGAL PLASTIC SUPPLY COMPANY, INC.  
9200 N ROYAL LN  
IRVING, TX 75063

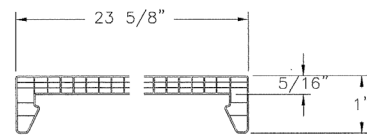
POSEIDON PANEL  
POLYCARBONATE  
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-03845	REV A
SCALE NTS	DATE 08/07/2022	SHEET 2 OF 3

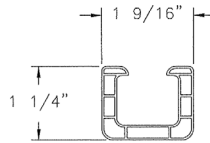
L. ROBERTO LOMAS P.E.  
400 S. PALM AVE, INDIAN LANTIC, FL 32903  
434-688-0609 rlo mas@rlomaspe.com



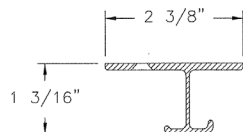
Luis R. Lomas P.E.  
FL No.: 62514



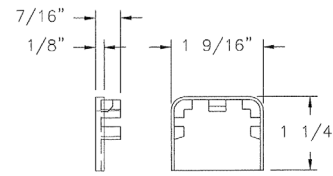
**POSEIDON PANEL**  
MODULAR POLYCARBONATE  
5/16" THICK



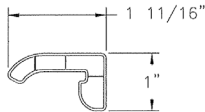
**COVER**  
MODULAR POLYCARBONATE  
1/4" THICK



**CLIP**  
ALUMINUM 1/8" THICK



**END COVER**  
MODULAR POLYCARBONATE  
1/8" THICK



**STARTER STRIP**  
MODULAR POLYCARBONATE  
5/16" THICK

REVISIONS			
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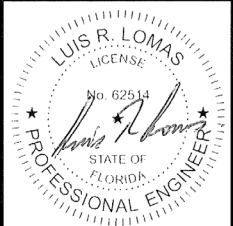
9200 N ROYAL LN  
IRVING, TX 75063

POSEIDON PANEL  
POLYCARBONATE  
COMPONENTS

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SCALE NTS	DATE 08/07/2022	SHEET 3 OF 3

L. ROBERTO LOMAS P.E.  
400 S. PALM AVE, INDIAN LANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/06/2023



Luis R. Lomas P.E.  
FL No.: 62514