



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

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 Approval 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 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.**



NOA No. 23-0314.09
Expiration Date: November 2, 2028
Approval Date: November 2, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.

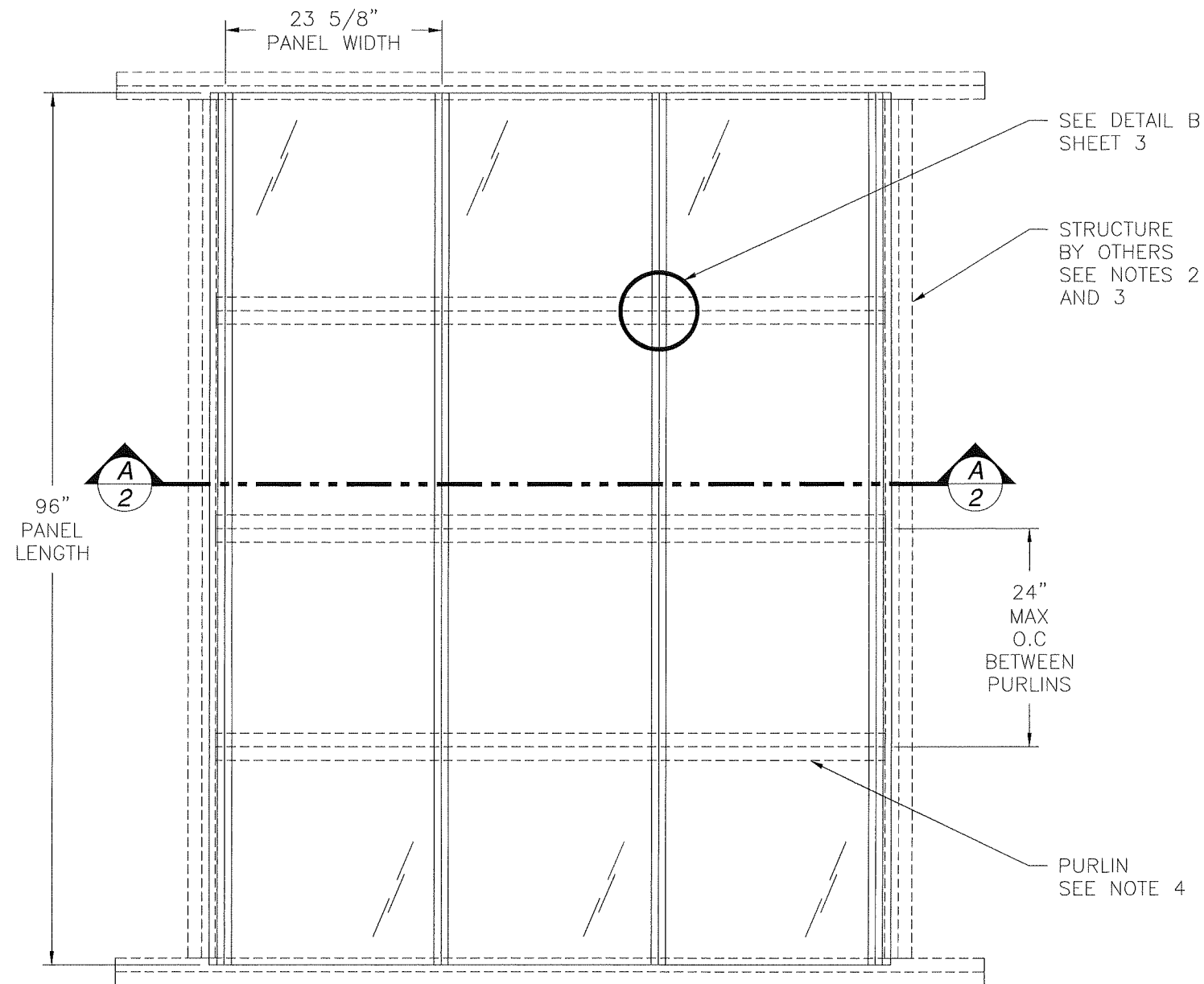
F. STATEMENTS

1. Statement letter of code conformance to the 7th 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.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0314.09
Expiration Date: November 2, 2028
Approval Date: November 2, 2023

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 $2\frac{7}{8}$ " 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 $G=0.42$

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

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 23-0314.09

Approval Date 11/02/2023

By 
Miami-Dade Product Control

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND NOTES
2	INSTALLATION DETAILS
3	COMPONENTS

REGAL PLASTIC SUPPLY COMPANY, INC.

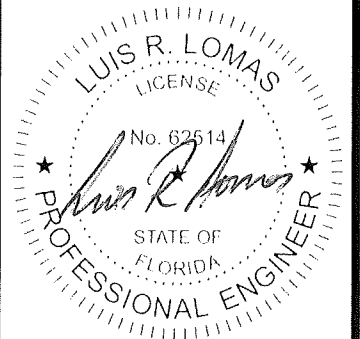
9200 N ROYAL LN
IRVING, TX 75063

POSEIDON PANEL
POLYCARBONATE
ELEVATION AND NOTES

DRAWN:	DWG NO.	REV
R.L.	08-03845	A
SCALE NTS	DATE 08/07/2022	SHEET 1 OF 3

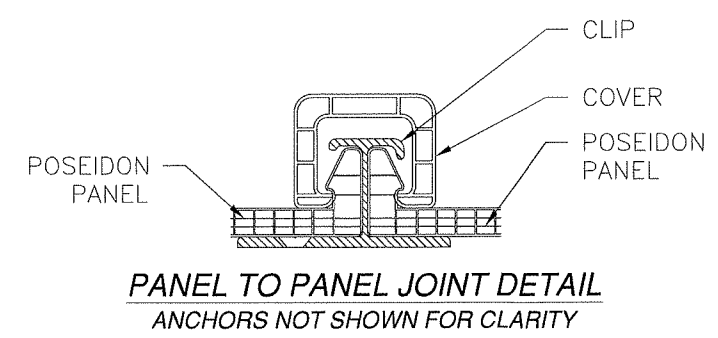
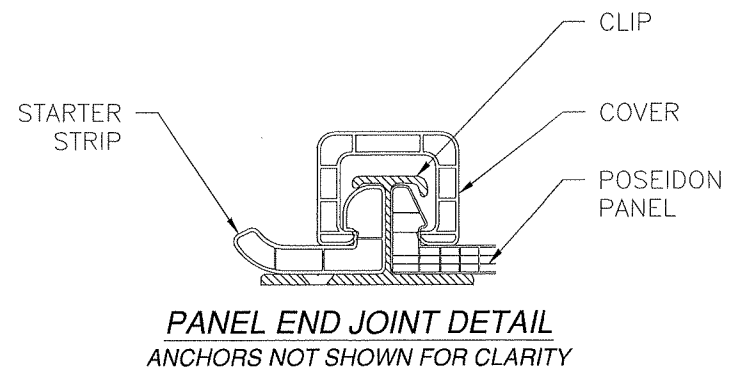
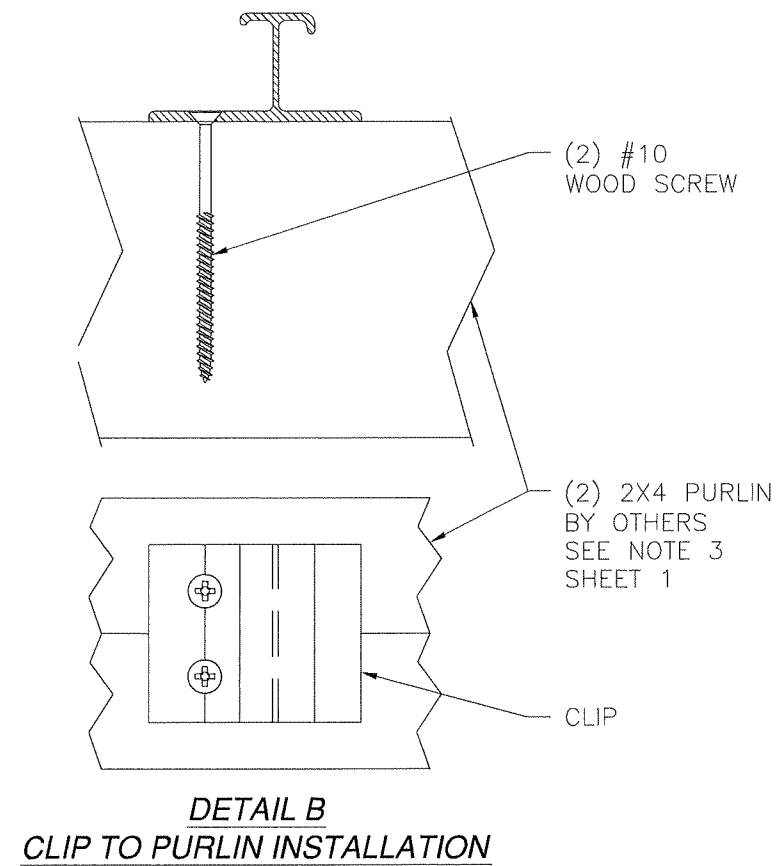
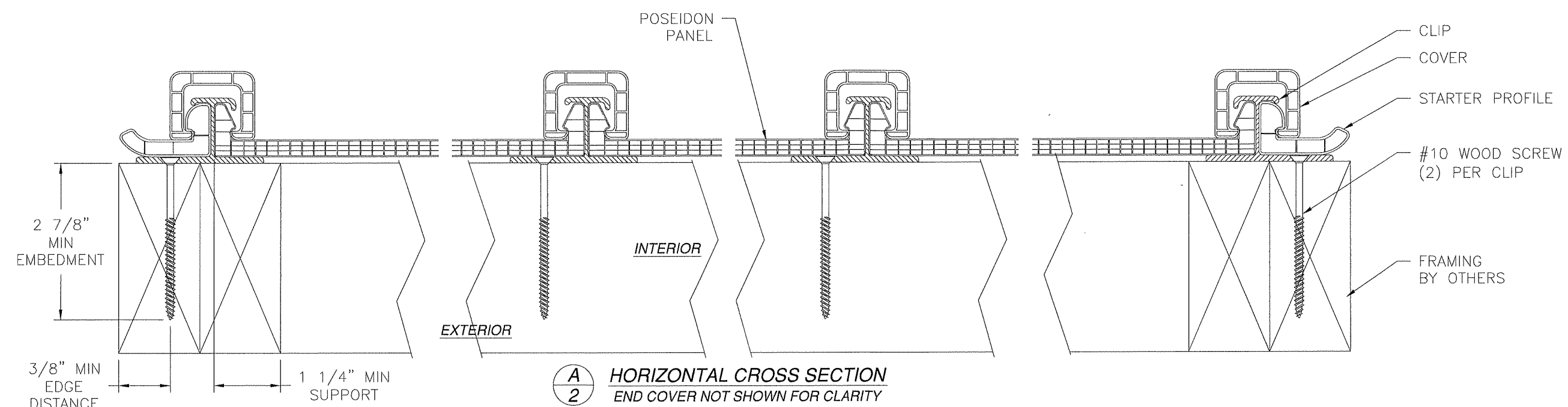
L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/06/2023



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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By *[Signature]*
Miami-Dade Product Control

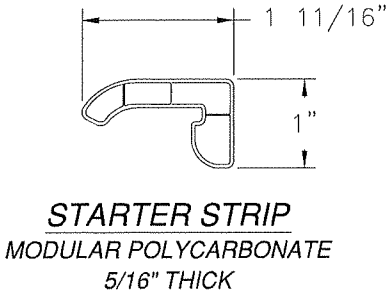
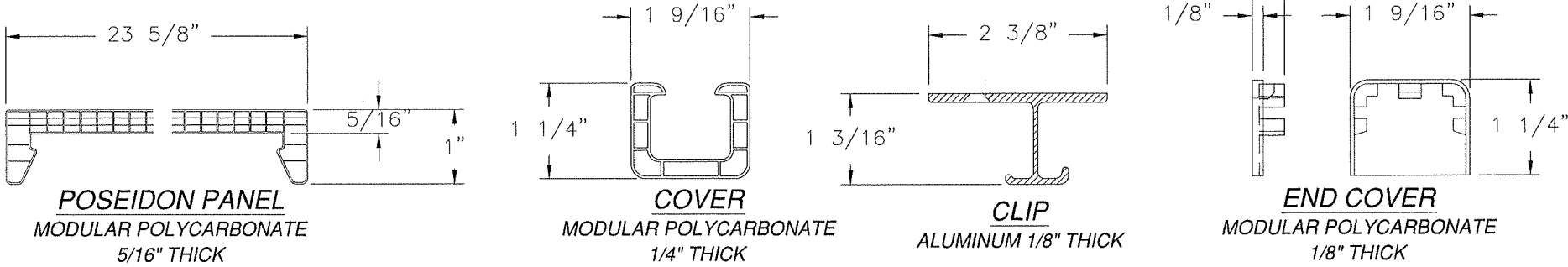
SIGNED: 09/06/2023

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, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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

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

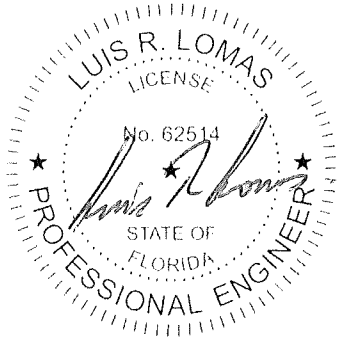
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By *[Signature]*
Miami-Dade Product Control

REGAL PLASTIC SUPPLY COMPANY, INC. 9200 N ROYAL LN IRVING, TX 75063		
POSEIDON PANEL POLYCARBONATE COMPONENTS		
DRAWN: R.L.	DWG NO. 08-03845	REV A
SCALE NTS	DATE 08/07/2022	SHEET 3 OF 3
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrllomaspe.com		

SIGNED: 09/06/2023



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