



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

Regency Plus, Inc.  
2000 Locust Gap Highway  
Mount Carmel, PA 17851

**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: Series "5405" White PVC Horizontal Sliding Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **RPLS0063**, titled "Series 5405 Vinyl XO-OX Horizontal Sliding Window - LMI", sheets 1 through 10 of 10, dated 01/12/09, with revision **M** dated 06/08/23, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoroso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and 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.

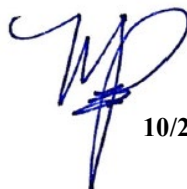
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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 **revises** **NOA No. 20-1103.09** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



  
10/27/23

NOA No. 23-0929.11  
Expiration Date: July 22, 2025  
Approval Date: November 02, 2023  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

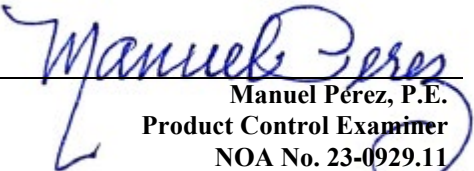
1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 08-1210.12)*
2. Drawing No. **RPLS0063**, titled "Series 5405 Vinyl XO-OX Horizontal Sliding Window - LMI", sheets 1 through 10 of 10, dated 01/12/09, with revision **L** dated 10/20/20, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.  
*(Submitted under NOA No. 20-1103.09)*

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of a white PVC horizontal sliding window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-11507-1**, dated 08/18/08, revised on 09/03/08 and signed and sealed by Harold Rupp, P.E.  
*(Submitted under NOA No. 08-1210.12)*
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of series 5405 horizontal sliding vinyl window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-22724-1**, dated 04/27/20, signed and sealed by Joseph A. Reed, P.E.  
*(Submitted under NOA No. 20-0526.03)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 03/31/15, with revision dated 09/01/15, and updated to the **FBC 6<sup>th</sup> Edition (2017)** with revision 1 dated 04/29/20, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.  
*(Submitted under NOA No. 20-0526.03)*
2. Glazing complies with **ASTM E1300-04**

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-0929.11  
Expiration Date: July 22, 2025  
Approval Date: November 02, 2023

**Regency Plus, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

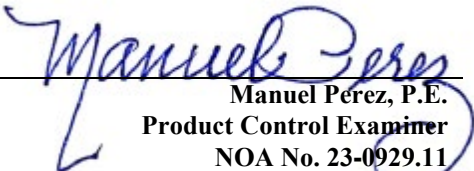
1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **18-0122.02**, issued to **ENERGI Fenestration Solutions USA, Inc.**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 03/08/18, expiring on 02/28/23.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)**, and of no financial interest, dated 10/20/20, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.  
*(Submitted under NOA No. 20-1103.09)*
2. Proposal No. **19-0312** issued to Regency Plus, Inc. by the Product Control Section, dated May 15, 2019, signed by Manuel Perez, P.E.  
*(Submitted under NOA No. 20-0526.03)*

**G. OTHERS**

1. Notice of Acceptance No. **20-0526.03**, issued to Regency Plus, Inc. for their Series "5405" White PVC Horizontal Sliding Window – L.M.I., approved on 07/02/20 and expiring on 07/22/25.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-0929.11  
Expiration Date: July 22, 2025  
Approval Date: November 02, 2023

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **RPLS0063**, titled “Series 5405 Vinyl XO-OX Horizontal Sliding Window - LMI”, sheets 1 through 10 of 10, dated 01/12/09, with revision **M** dated 06/08/23, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.

**B. TESTS**

1. None

**C. CALCULATIONS**

1. None

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

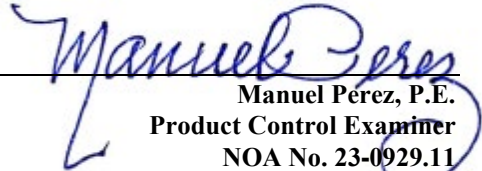
1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 11/19/20, expiring on 07/08/24.
2. Notice of Acceptance No. **21-1109.04**, issued to **Vision Extrusions Group Limited**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 03/31/22, expiring on 09/30/24.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)**, and of no financial interest, dated June 8, 2023, issued by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **20-1103.09**, issued to Regency Plus, Inc. for their Series “5405” White PVC Horizontal Sliding Window – L.M.I., approved on 01/21/21 and expiring on 07/22/25.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-0929.11  
Expiration Date: July 22, 2025  
Approval Date: November 02, 2023

REGENCY PLUS, INC.

SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW

LARGE MISSILE IMPACT

INSTALLATION ANCHORAGE DETAILS

NOTES:

1.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2.

2X WOOD FRAMING, 1X OR 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3.

1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHEN 1X BUCK IS USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHEN USED, 1X BUCKS SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4.

THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO TAS 201, TAS 202 AND TAS 203. SEE TEST REPORT NO. NCTL-110-22724-1, DATED 04/27/20 BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA, SIGNED AND SEALED BY HAROLD RUPP, FLORIDA P.E. VERIFICATION TESTING PER MIAMI DADE PROPOSAL NO. 19-0312.
5.

MATERIAL:

5.1.

FRAME: EXTRUDED RIGID PVC BY *VISION EXTRUSIONS GROUP LIMITED* PER CURRENT MIAMI-DADE NOA.

5.2.

REINFORCEMENT:

5.2.1.

GALVANIZED STEEL TUBE (0.730" X 0.434" X 0.06" THICK, Fy = 30-50 ksi & Fu = 37.5-68.7 ksi) - SASH PERIMETER

5.2.2.

GALVANIZED STEEL TUBE (0.935" X 0.730" X 0.05" THICK, Fy = 30-50 ksi & Fu = 37.5-68.7 ksi) - FIXED MEETING RAIL

5.2.3.

LAMINATE GLASS INTERLAYER: TROSIFOL INTERLAYER BY KURARAY AMERICA, INC. PER CURRENT MIAMI-DADE NOA.
6.

GLAZING:

6.1.

GLAZING DETAIL AS TESTED:

6.1.1.

OVERALL: 7/8" NOMINAL INSULATING LAMINATED GLASS.

6.1.2.

GLASS THICKNESS: (1) LITE OF 1/8" NOMINAL TEMPERED GLASS TO THE INTERIOR AND (1) LITE OF LAMINATED GLASS TO THE EXTERIOR.

6.1.3.

LAMINATED LITE: (2) LITES OF 1/8" NOMINAL ANNEALED GLASS SEPARATED BY A 0.090" TROSIFOL INTERLAYER BY KURARAY AMERICA, INC.

6.1.4.

SPACER TYPE/SIZE: 7/16" NOMINAL CARDINAL XL EDGE STAINLESS STEEL SPACER (TYPE SS-D).

6.1.5.

GLAZING SYSTEM: INTERIOR GLAZED WITH (2)-LEAF DUAL DUROMETER AND SIKA FLEX "552" BACKBEDDING WITH A SNAP-IN (2)-LEAF DUAL DUROMETER RIGID VINYL GLAZING BEAD.

6.2.

ALL SETTING BLOCKS AND GASKET MATERIALS SHALL BE IN COMPLIANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE. SETTING BLOCKS SHALL BE NEOPRENE WITH A 70 TO 90 SHORE A DUROMETER. GASKET MATERIALS SHALL BE EDPM WITH A MINIMUM 60 SHORE A DUROMETER WHERE APPLICABLE.

6.3.

AS TESTED GLAZING MEETS ASTM E1300-09e FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
7.

APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS INCLUDING THE HVHZ.
8.

SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9.

FOR ANCHORING INTO CONCRETE/MASONRY USE 1/4" FLAT HEAD TAPCONS (CS) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/2" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. 4" MINIMUM SPACING BETWEEN ADJACENT ANCHORS REQUIRED. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
10.

FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE ONE OF THE FOLLOWING:

10.1.

#12 FLAT HEAD WOOD SCREWS (WS) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 7/8" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

10.2.

#14 FLAT HEAD WOOD SCREWS (WS) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

11.

FOR ANCHORING INTO METAL STRUCTURE USE #14 FLAT HEAD SHEET METAL OR SELF DRILLING SCREWS (SMS) WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

12.

ALL FASTENERS TO BE CORROSION RESISTANT OR HAVE A CORROSION RESISTANT COATING

13.

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:

13.1.

WOOD - MINIMUM SPECIFIC GRAVITY OF (G) 0.42 (NON-HVHZ) AND 0.55 (HVHZ)

13.2.

CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI

13.3.

MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF

13.4.

METAL SUBSTRATE: STEEL 18GA (0.0428"), Fy = 33KSI / Fu = 45 KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM.

13.4.1.

STEEL SUBSTRATE TO MEET MINIMUM FBC HVHZ CODE REQUIREMENTS.

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SHEET	DESCRIPTION
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2	ELEVATION AND ANCHOR LAYOUT (WS AND CS SCREWS)
3	ELEVATION AND ANCHOR LAYOUT (SMS/TAPPING/SELF-DRILLING SCREWS)
4	VERTICAL SECTIONS - COMPONENT ID
5	HORIZONTAL SECTIONS - COMPONENT ID & FRAME CORNER CONSTRUCTION
6	VERTICAL SECTIONS - WOOD AND CONCRETE/MASONRY SUBSTRATE ANCHORAGE
7	VERTICAL SECTIONS - METAL SUBSTRATE ANCHORAGE & INSTALLATION NOTES
8	HORIZONTAL SECTIONS - WOOD, CONCRETE/MASONRY & METAL SUBSTRATE ANCHORAGE
9	COMPONENTS
10	BILL OF MATERIALS & GLAZING DETAILS

PROJECT #422-0617

UPDATE TO 8TH EDITION (2023) FBC

6/8/23

RJA

UPDATE TO 7TH EDITION (2020) FBC

10/20/20

RJA

REVISED, NEW ANCHORAGE AND FRAME PROFILE

5/15/20

RJA

DESCRIPTION

DATE

REV

BY

REGENCY PLUS, INC.

2000 LOCUST GAP HIGHWAY

MT. CARMEL, PA 17851

TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI NOTES

DRAWN BY: BB


DATE: 1/12/09

SCALE: N.T.S.

DRAWING NO: RPLS0063

REV: M

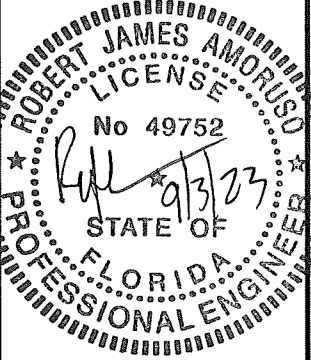
SHEET: 1 OF 10



PTC Product Design Group, LLC  
PO Box 520775, Longwood, FL 32752-0775  
321-690-1788 info@ptc-corp.com  
FBPE Cert of Auth. No. 25935

Robert J. Amoruso, P.E.

Florida P.E. No. 49752

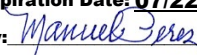


PRODUCT REVISED

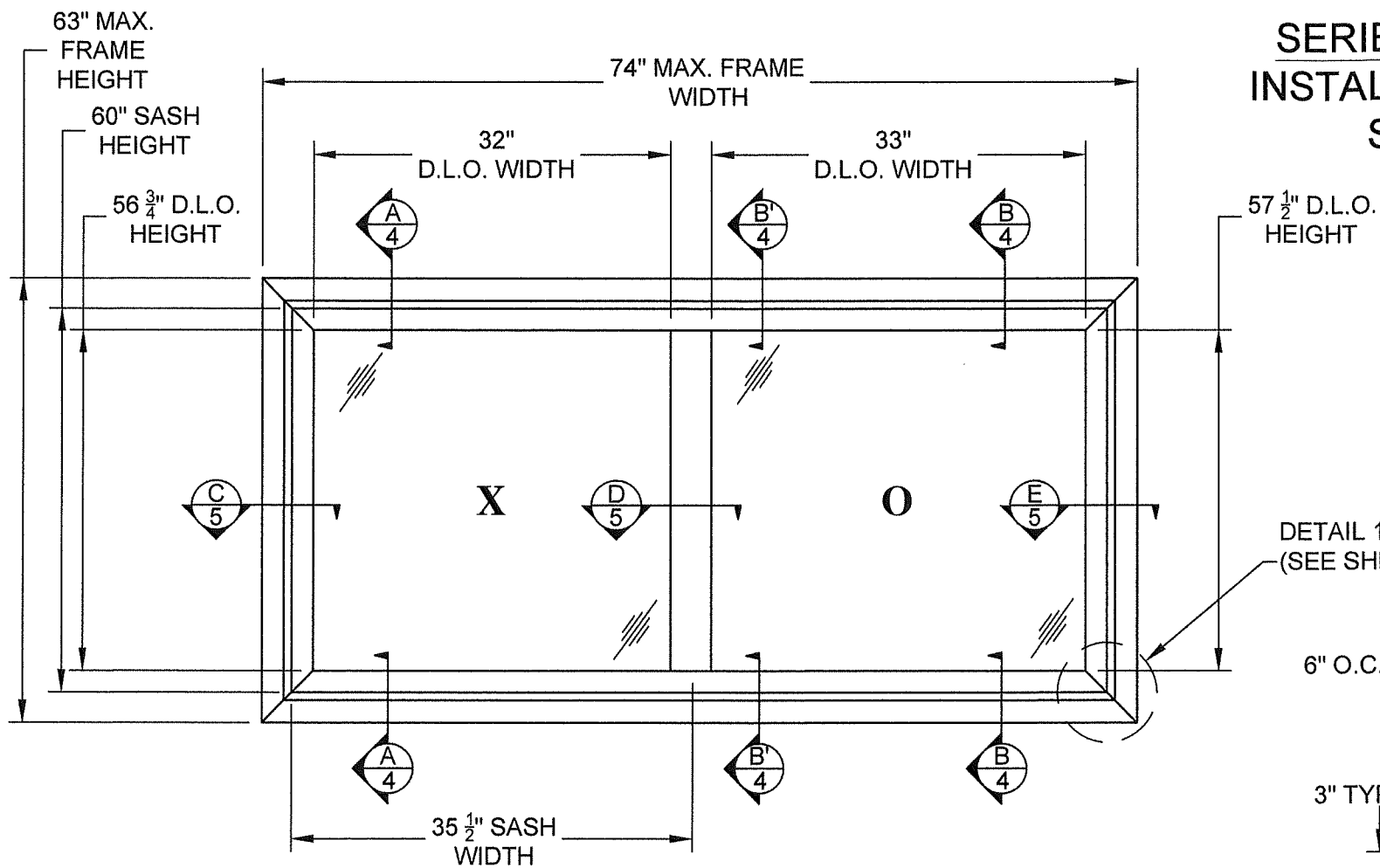
As complying with the Florida Building Code

NOA-No. 23-0929.11

Expiration Date: 07/22/2025

By: 

Miami Dade Product Control



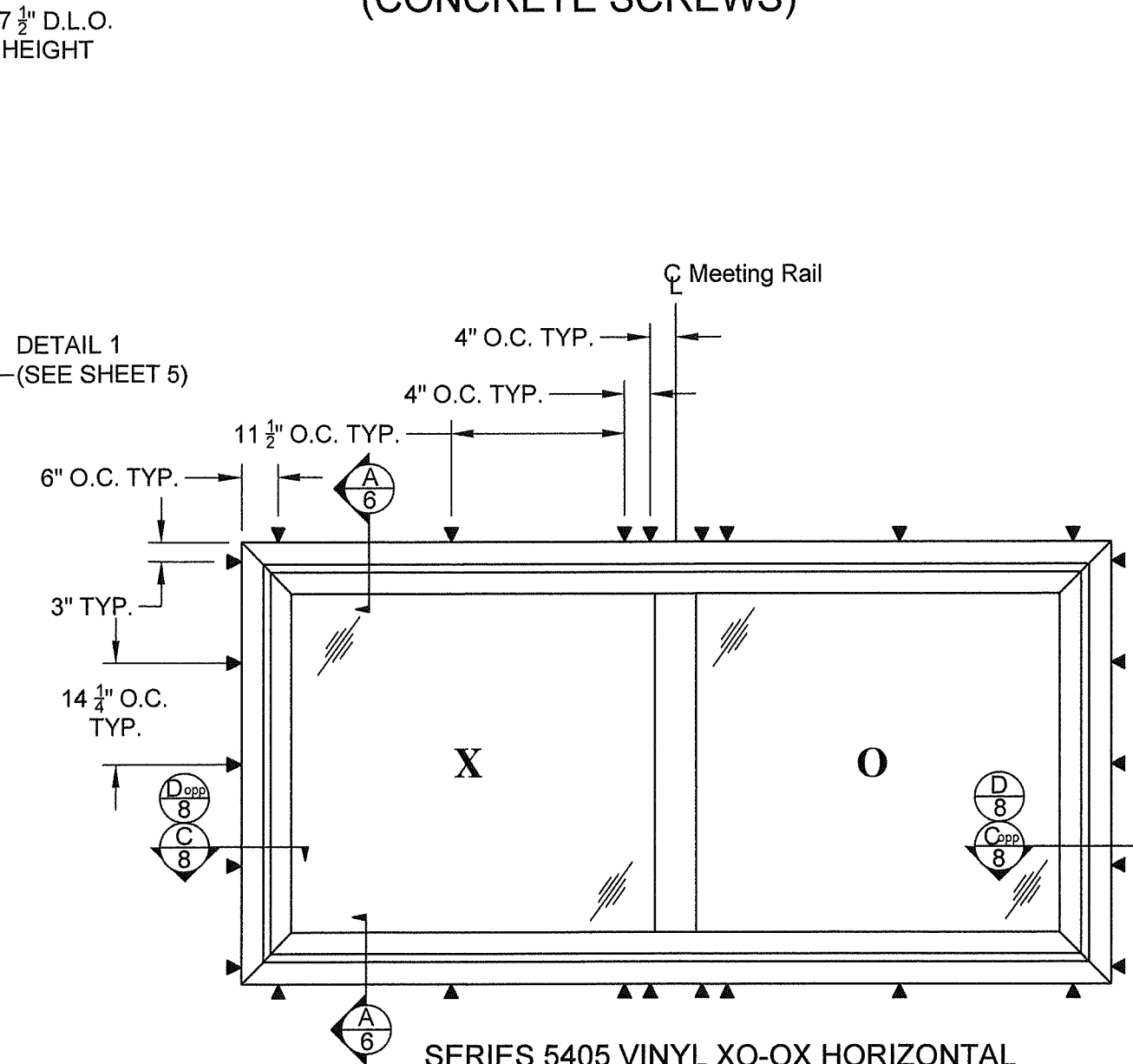
**SERIES 5405 VINYL XO-OX  
HORIZONTAL SLIDING WINDOW  
EXTERIOR VIEW**

**WEEP HOLES:**

- 0.25" WIDE BY 0.25" HIGH LOCATED EACH END OF THE BOTTOM RAIL
- 0.180" DIAMETER LOCATED 1" AND 1.5" FROM EACH END OF THE BOTTOM RAIL
- 0.875" WIDE BY 0.375" HIGH LOCATED EACH END OF THE INTERIOR SILL TRACK
- 1" WIDE BY 0.25" HIGH LOCATED 1.25" FROM EACH END OF THE EXTERIOR SILL TRACK
- 1.25" WIDE BY 0.25" WITH PLASTIC WEEP FLAP LOCATED 3" FROM EACH END OF THE EXTERIOR SILL FACE
- 2.5" WIDE BY 0.375" HIGH LOCATED MID SPAN OF THE INTERIOR SILL TRACK
- 0.25" DIAMETER LOCATED MID SPAN AT THE EXTERIOR SILL FACE

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
<b>+55.0/-55.0</b>	LARGE MISSILE IMPACT

**SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW  
INSTALLATION INTO WOOD SUBSTRATE (WOOD OR TAPPING  
SCREWS) OR CONCRETE/MASONRY SUBSTRATE  
(CONCRETE SCREWS)**



**SERIES 5405 VINYL XO-OX HORIZONTAL  
SLIDING WINDOW  
EXTERIOR VIEW - ANCHORAGE  
WOOD AND CONCRETE/MASONRY SUBSTRATES**

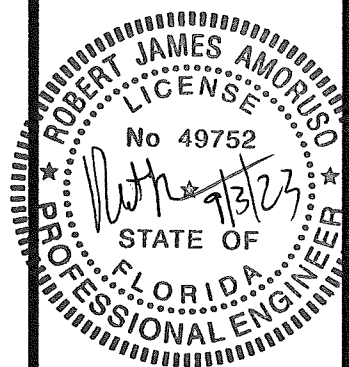
**INSTALLATION NOTES:**

- HEAD AND SILL ANCHORAGE THE SAME.
- JAMB ANCHORAGE SAME.
- +/- 1" TOLERANCE ON ANCHOR LOCATION.
  - TAPCON MINIMUM SPACING IS 4" OC.
  - WOOD AND TAPPING SCREW MINIMUM SPACING IS 4" OC.

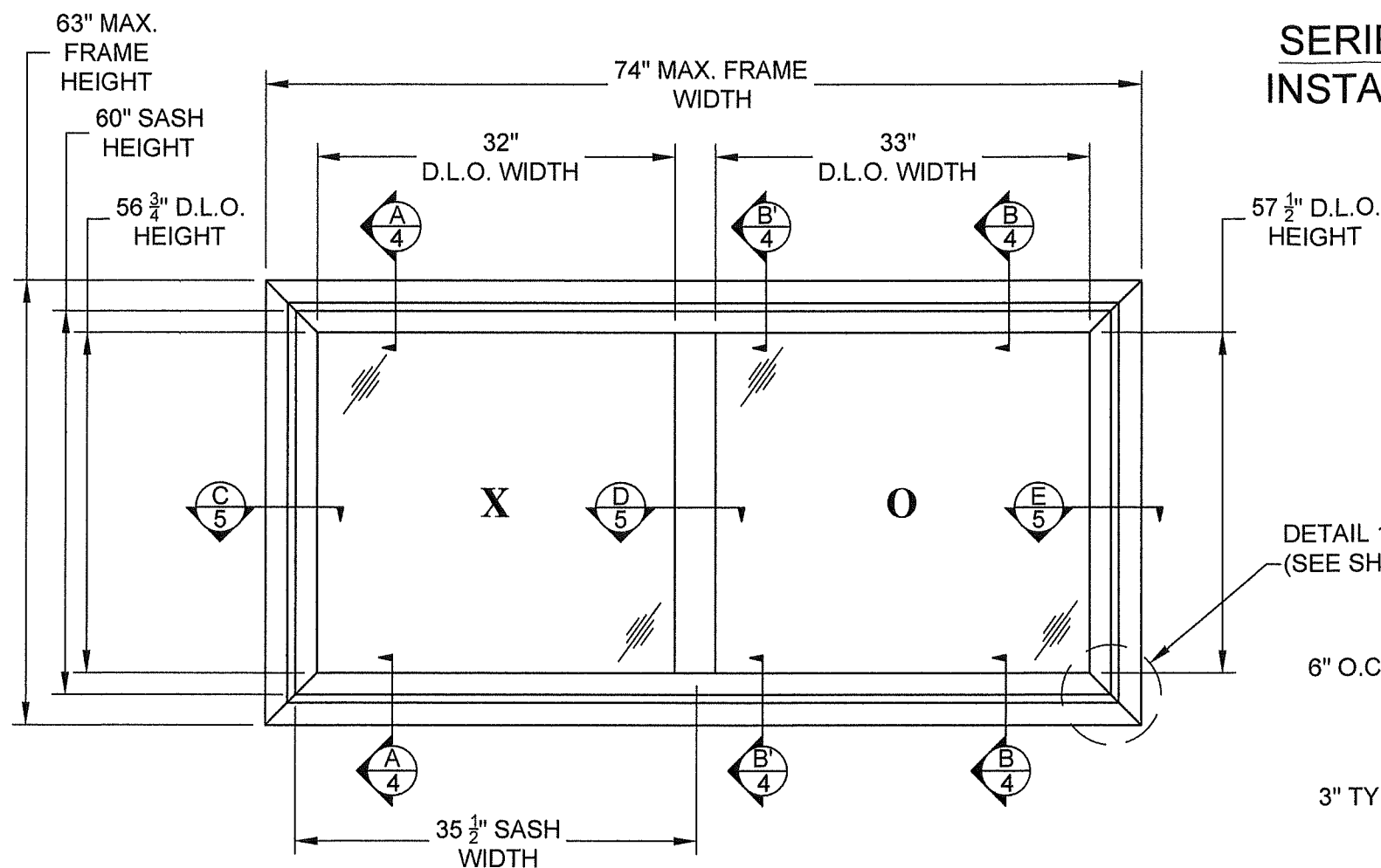
PROJECT #422-0617	RJA	RJA	RJA	BY
UPDATE TO 8TH EDITION (2023) FBC	6/8/23	10/20/20	5/15/20	DATE
UPDATE TO 7TH EDITION (2020) FBC	L	K	REV	
REVISED, NEW ANCHORAGE AND FRAME PROFILE				
DESCRIPTION				

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	DATE: 1/12/09 DRAWING NO: RPLS00063 SHEET: 2 OF 10
TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI ELEVATION AND ANCHOR LAYOUT (WS AND CS)	DRAWN BY: BB SCALE: N.T.S. REV: M
PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935	

Robert J. Amoroso, P.E.  
Florida P.E. No. 49752



**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0929.11**  
Expiration Date: **07/22/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control



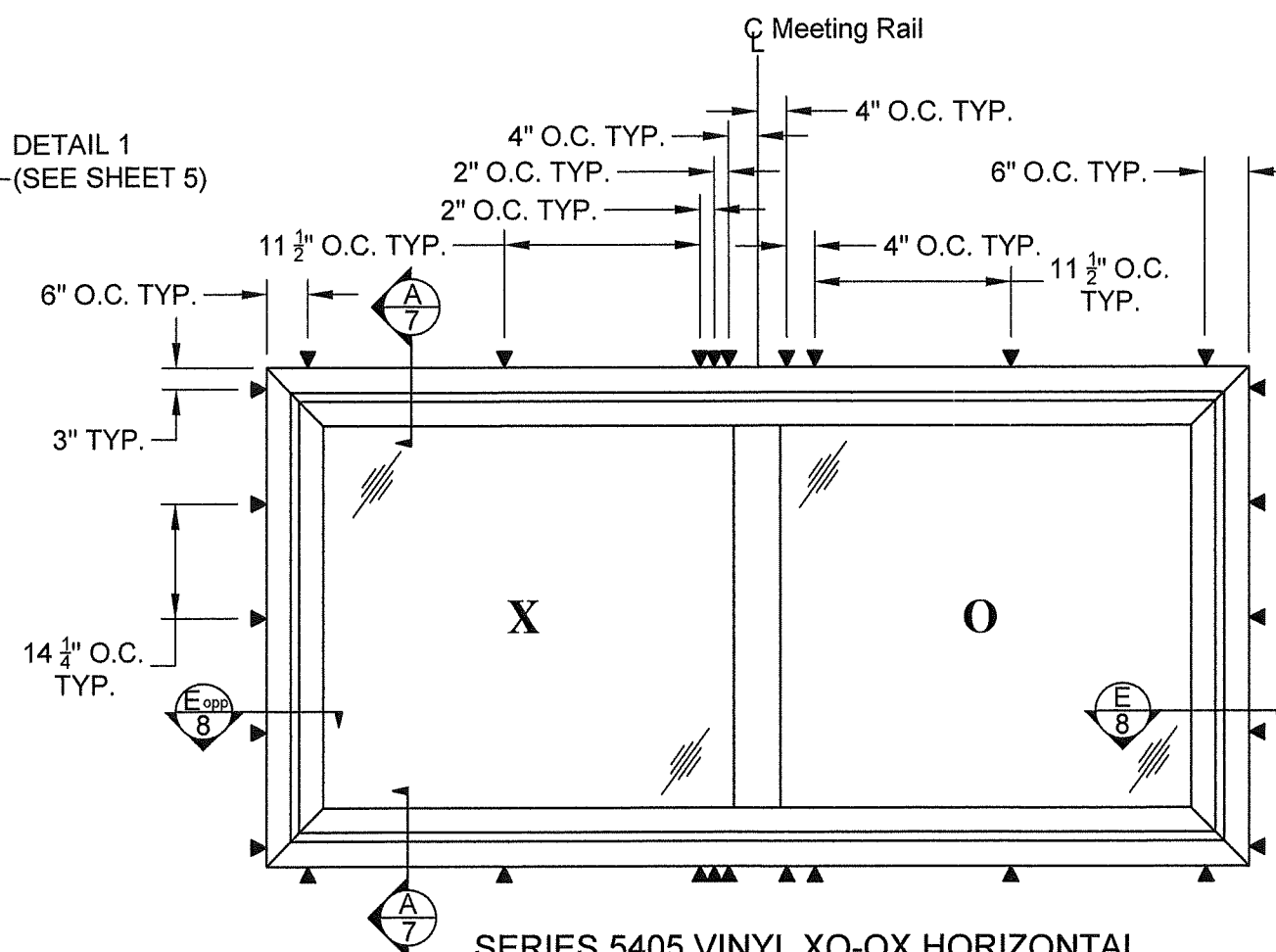
**SERIES 5405 VINYL XO-OX  
HORIZONTAL SLIDING WINDOW  
EXTERIOR VIEW**

**WEEP HOLES:**

1. 0.25" WIDE BY 0.25" HIGH LOCATED EACH END OF THE BOTTOM RAIL
2. 0.180" DIAMETER LOCATED 1" AND 1.5" FROM EACH END OF THE BOTTOM RAIL
3. 0.875" WIDE BY 0.375" HIGH LOCATED EACH END OF THE INTERIOR SILL TRACK
4. 1" WIDE BY 0.25" HIGH LOCATED 1.25" FROM EACH END OF THE EXTERIOR SILL TRACK
5. 1.25" WIDE BY 0.25" WITH PLASTIC WEEP FLAP LOCATED 3" FROM EACH END OF THE EXTERIOR SILL FACE
6. 2.5" WIDE BY 0.375" HIGH LOCATED MID SPAN OF THE INTERIOR SILL TRACK
7. 0.25" DIAMETER LOCATED MID SPAN AT THE EXTERIOR SILL FACE

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
<b>+55.0/-55.0</b>	<b>LARGE MISSILE IMPACT</b>

**SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW  
INSTALLATION INTO METAL SUBSTRATE (SMS, TAPPING OR  
SELF-DRILLING SCREW)**



**SERIES 5405 VINYL XO-OX HORIZONTAL  
SLIDING WINDOW  
EXTERIOR VIEW - ANCHORAGE  
STEEL SUBSTRATES**

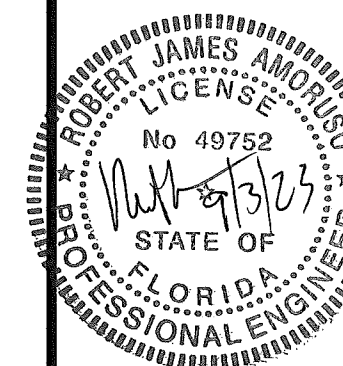
**INSTALLATION NOTES:**

1. HEAD AND SILL ANCHORAGE THE SAME.
2. JAMB ANCHORAGE SAME.
3. +/- 1" TOLERANCE ON ANCHOR LOCATION.
  - 3.1. SMS, TAPPING OR SELF-DRILLING SCREWS MINIMUM SPACING IS 2" OC.

PROJECT #422-0617	RJA	DATE
UPDATE TO 8TH EDITION (2023) FBC	6/8/23	
UPDATE TO 7TH EDITION (2020) FBC	10/20/20	
REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/15/20	
DESCRIPTION	REV	BY

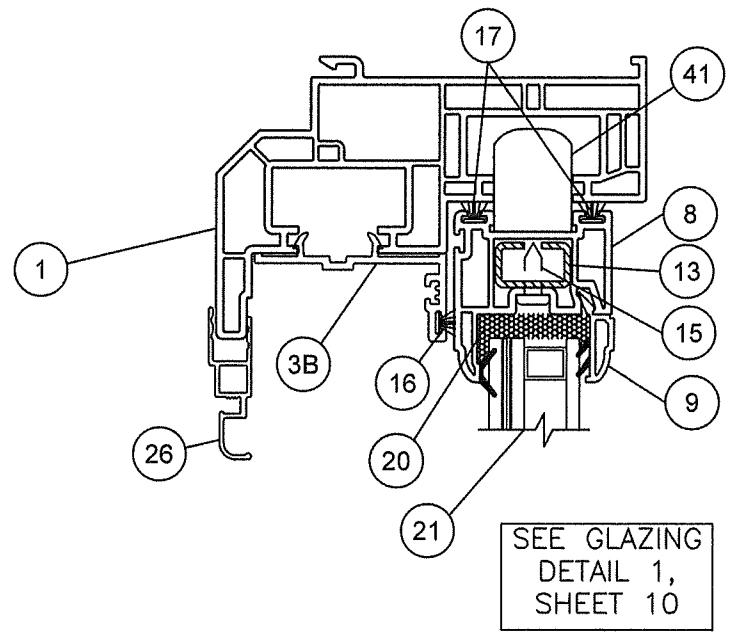
REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	DATE: 1/12/09	DRAWING NO: RPLS00063	SHEET: 3 OF 10
TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI ELEVATION AND ANCHOR LAYOUT (WS AND CS)	DRAWN BY: BB	SCALE: N.T.S.	REV: M
PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935			

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

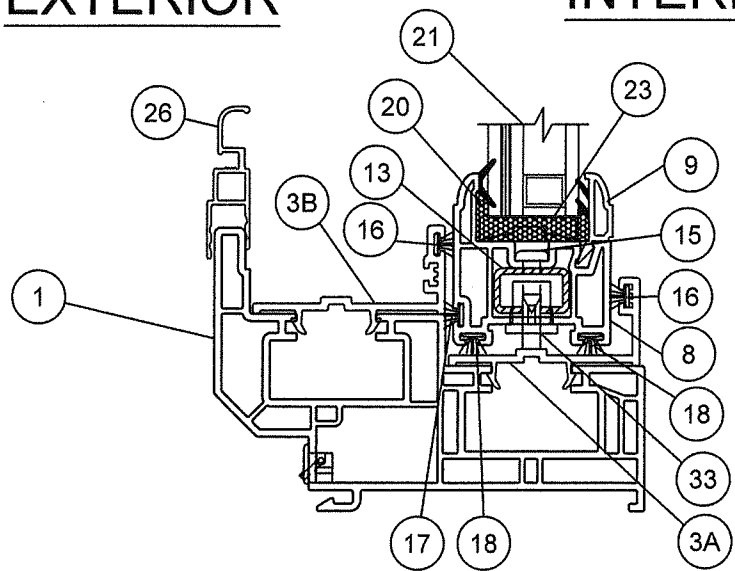


**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0929.11**  
Expiration Date: **07/22/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control

**A** **VERTICAL SECTION**  
HEAD - COMPONENT ID

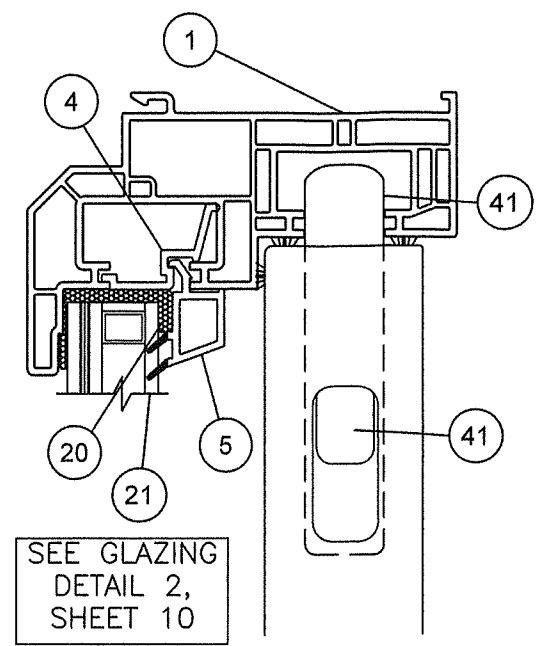


EXTERIOR INTERIOR

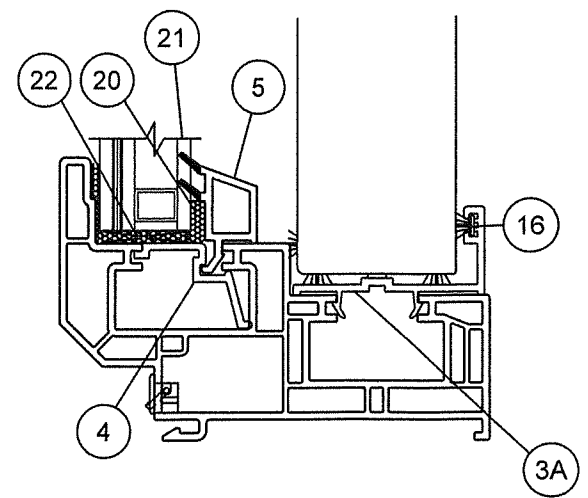


**A** **VERTICAL SECTION**  
SILL - COMPONENT ID

**B** **VERTICAL SECTION**  
HEAD - COMPONENT ID

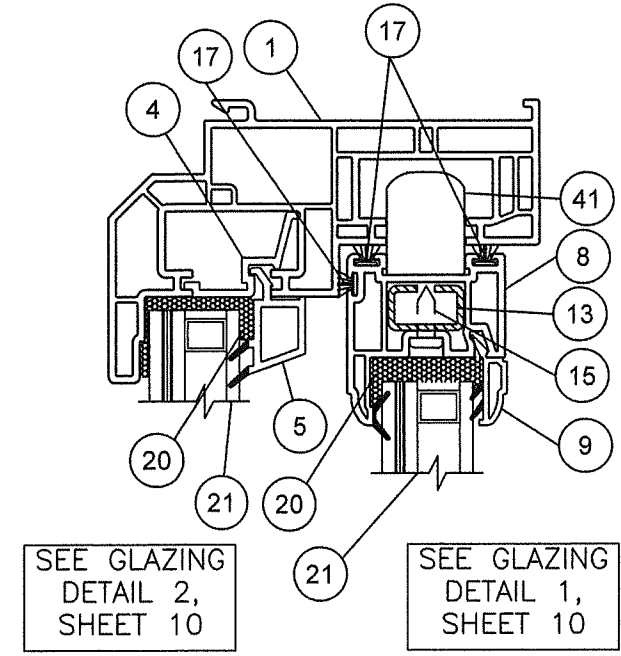


EXTERIOR INTERIOR

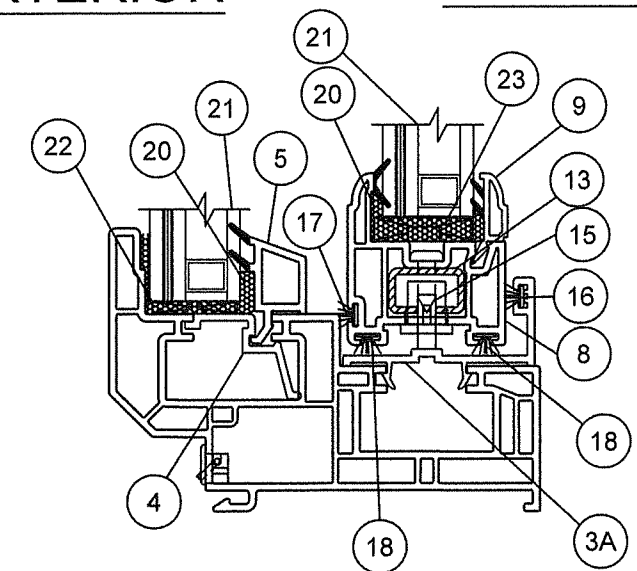


**B** **VERTICAL SECTION**  
SILL - COMPONENT ID

**B'** **VERTICAL SECTION**  
HEAD - COMPONENT ID



EXTERIOR INTERIOR

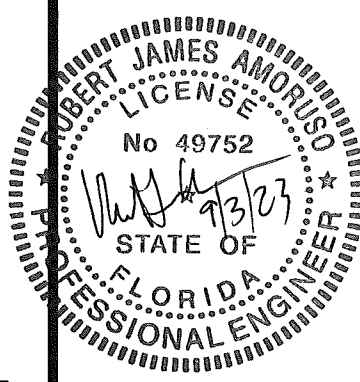


**B'** **VERTICAL SECTION**  
SILL - COMPONENT ID

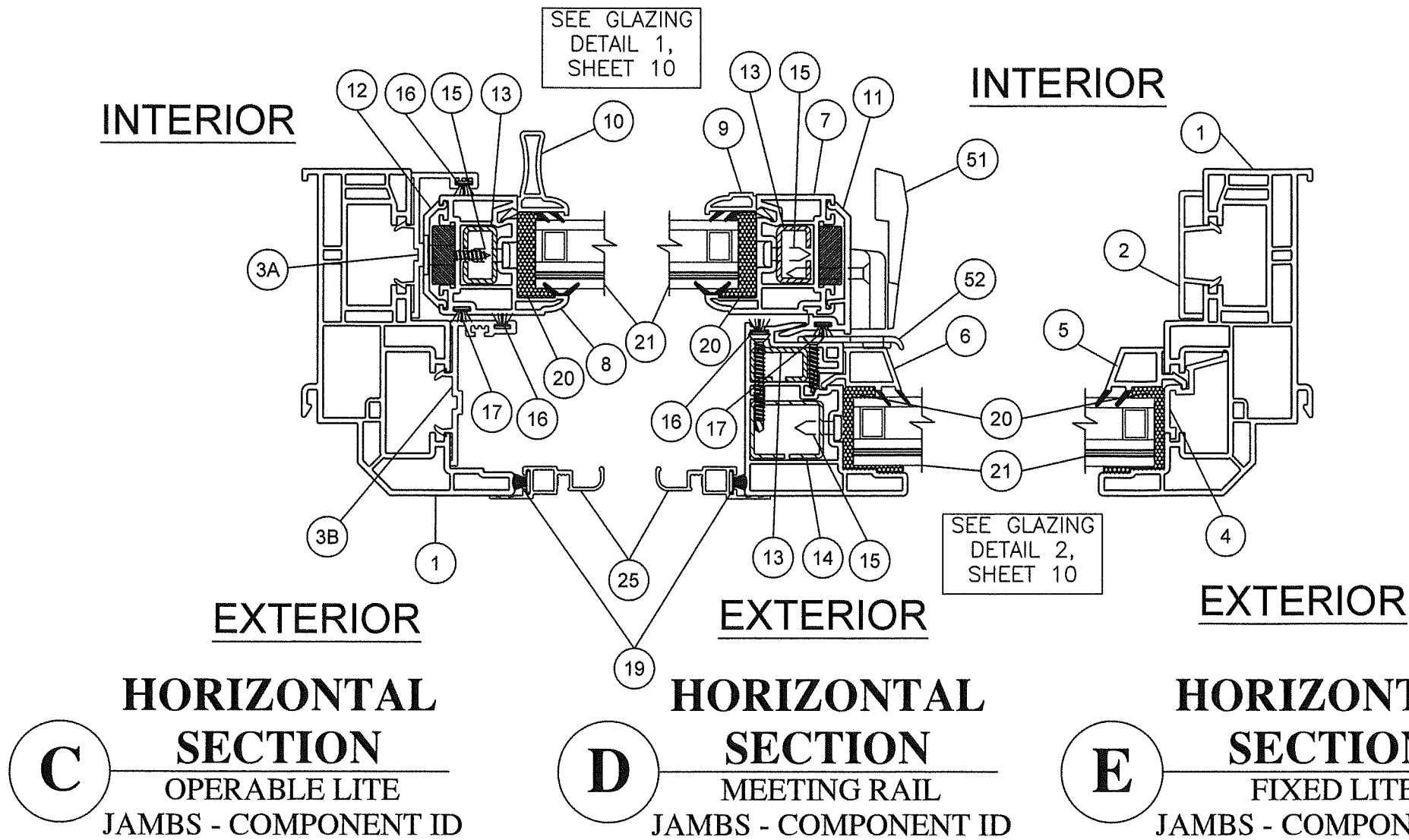
PROJECT #422-0617	UPDATE TO 8TH EDITION (2023) FBC	6/8/23	RJA
	UPDATE TO 7TH EDITION (2020) FBC	10/20/20	RJA
	REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/15/20	RJA
	DESCRIPTION	DATE	BY
M	L	K	REV

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851			
TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI VERTICAL SECTIONS - COMPONENT ID			
DRAWN BY: BB	DATE: 1/12/09	DRAWING NO: RPLS00063	SHEET: 4 OF 10
SCALE: N.T.S.	REV: M	PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935	

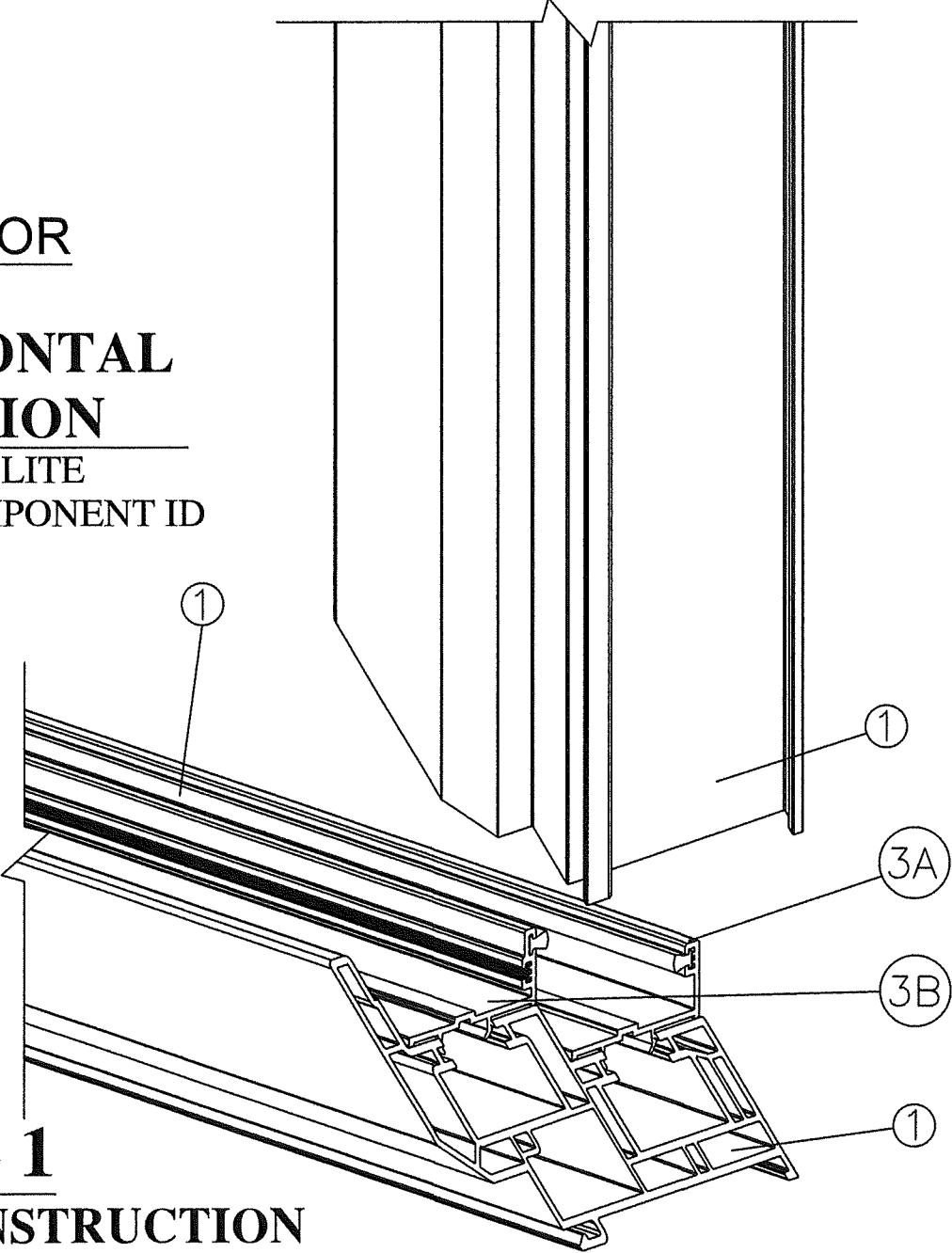
Robert J. Amoruso, P.E.  
Florida P.E. No. 49752



**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0929.11**  
Expiration Date: **07/22/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control



**DETAIL 1**  
**MASTER FRAME CONSTRUCTION**  
**(SASH FRAME SIMILAR)**



PROJECT #422-0617		RJA	BY
UPDATE TO 8TH EDITION (2023) FBC	6/8/23	RJA	DATE
UPDATE TO 7TH EDITION (2020) FBC	10/20/20	RJA	
REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/15/20	RJA	
DESCRIPTION	REV		

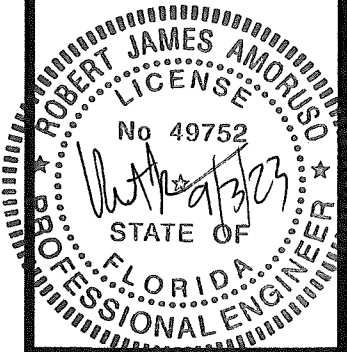
**REGENCY PLUS, INC.**  
2000 LOCUST GAP HIGHWAY  
MT. CARMEL, PA 17851

**PTC**  
PTC Product Design Group, LLC  
PO Box 520775, Longwood, FL 32752-0775  
321-690-1788 info@ptc-corp.com  
FBPE Cert. of Auth. No. 25935

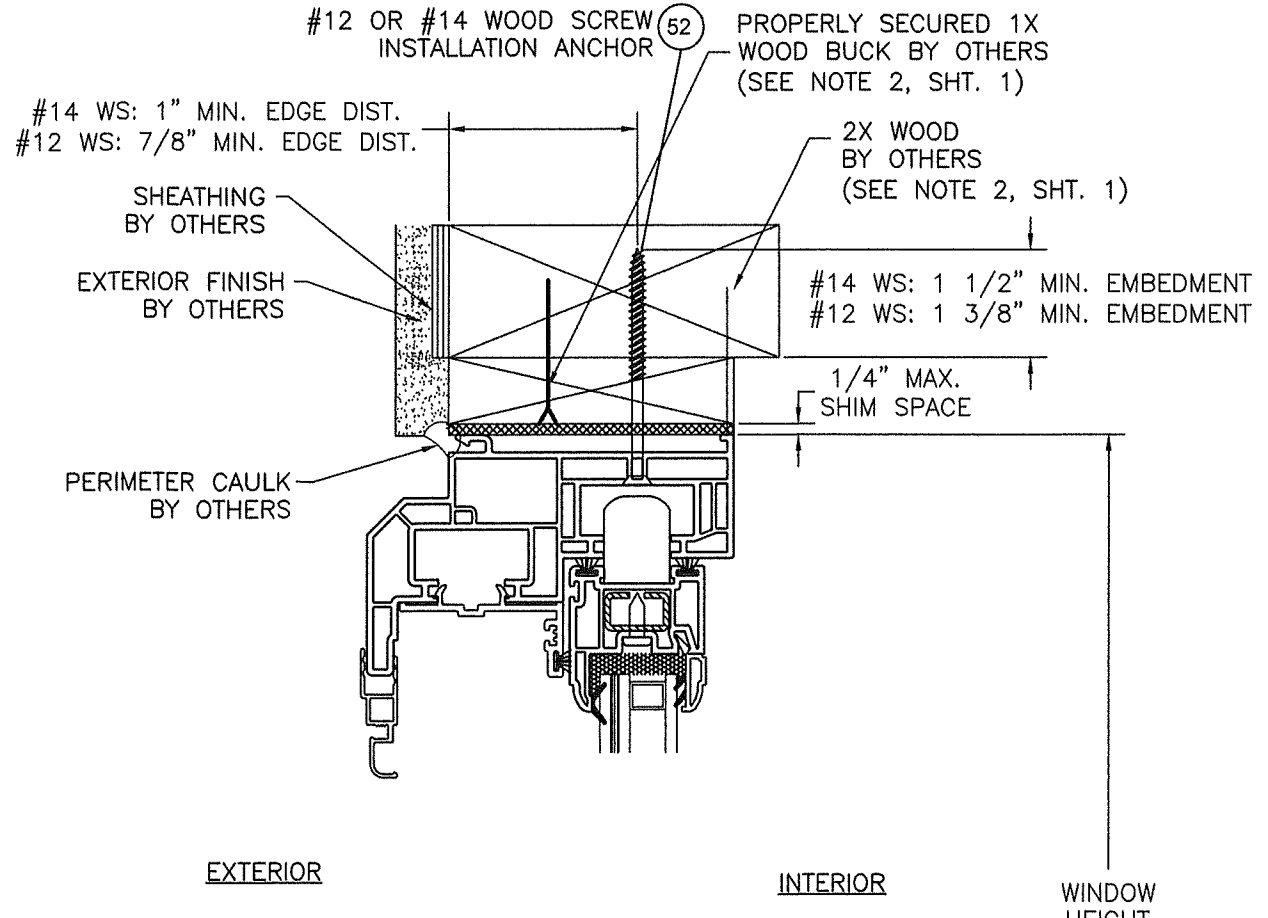
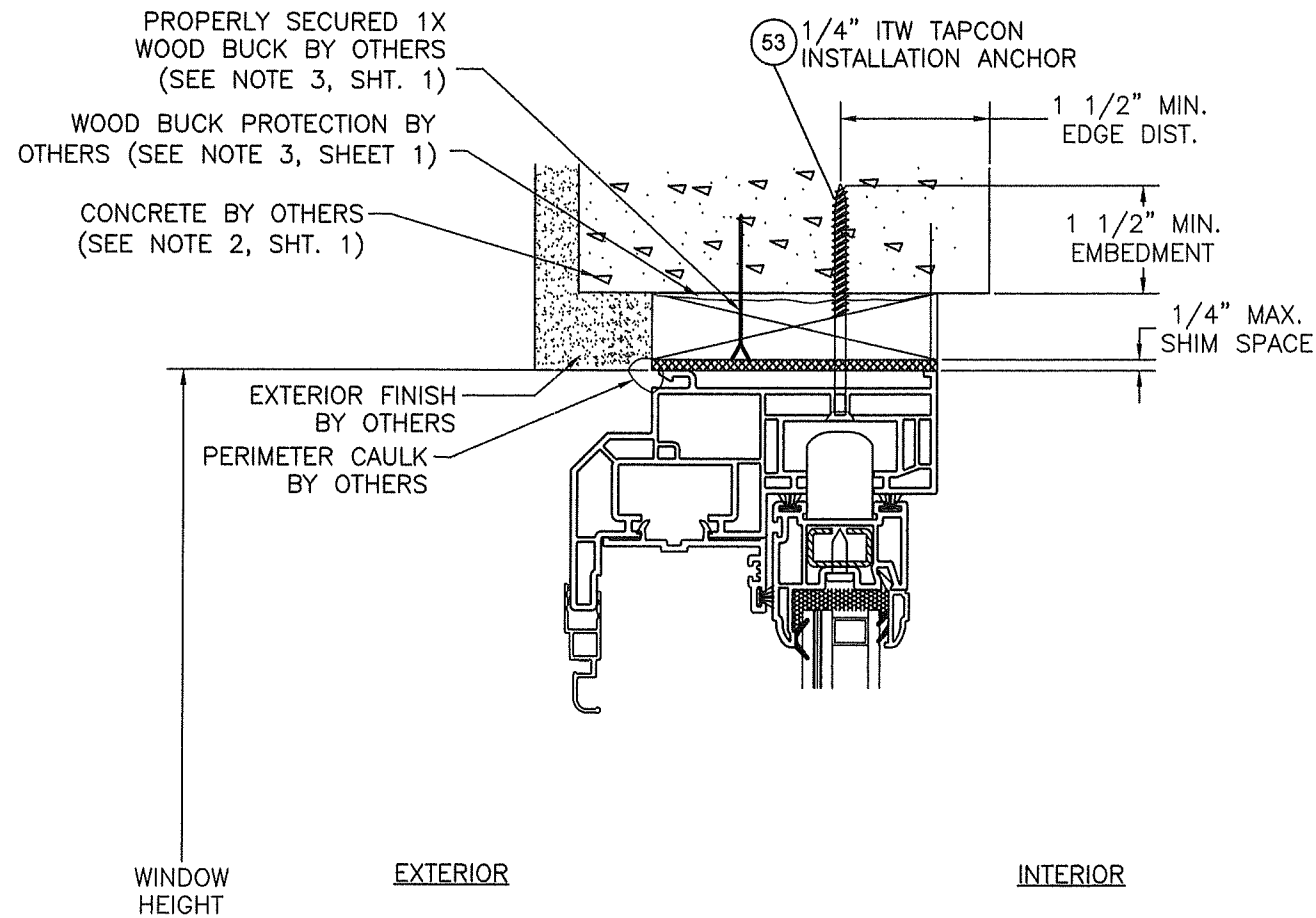
**TITLE:** SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI  
**HORIZONTAL SECTIONS - COMPONENT ID & FRAME CONST.**

**DRAWN BY:** BB  
**SCALE:** N.T.S.  
**DATE:** 1/12/09  
**DRAWING NO.:** RPLS00063  
**SHEET:** 5 OF 10

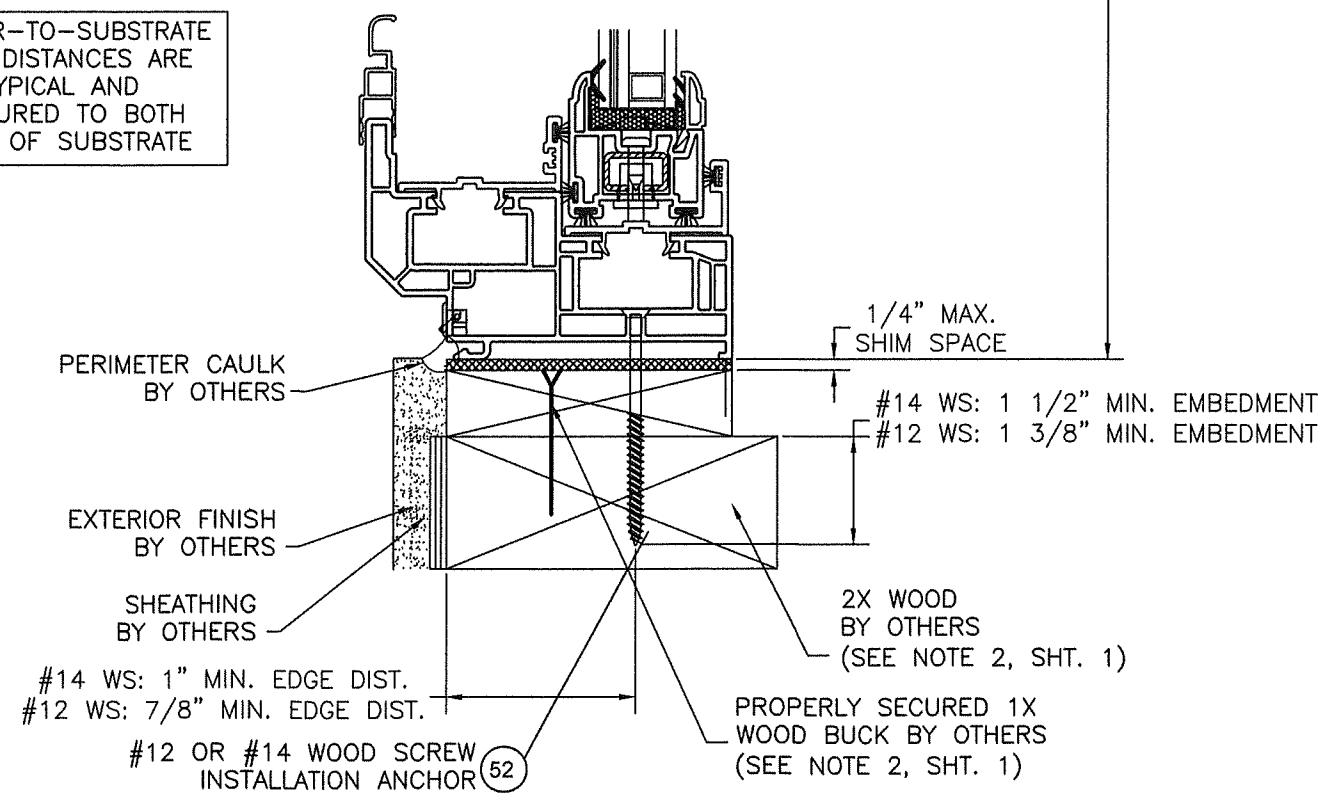
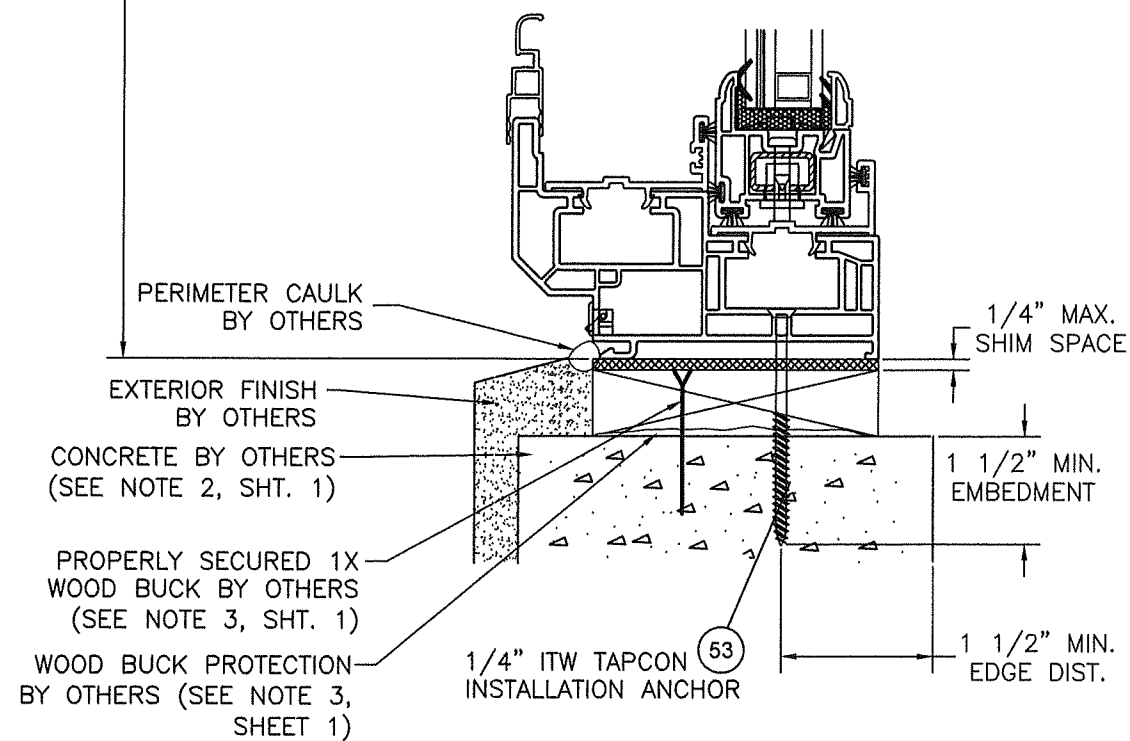
Robert J. Amoruso, P.E.  
Florida P.E. No. 49752



**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0929.11**  
Expiration Date: **07/22/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control



ANCHOR-TO-SUBSTRATE  
EDGE DISTANCES ARE  
TYPICAL AND  
MEASURED TO BOTH  
SIDES OF SUBSTRATE



**A VERTICAL SECTION**  
CONCRETE SUBSTRATE

**A VERTICAL SECTION**  
WOOD SUBSTRATE

PROJECT #422-0617		RJA	RJA	RJA	BY
UPDATE TO 8TH EDITION (2023) FBC	6/8/23	10/20/20	5/15/20	DATE	
UPDATE TO 7TH EDITION (2020) FBC	L	K	REV	DESCRIPTION	
REVIS, NEW ANCHORAGE AND FRAME PROFILE					

<b>REGENCY PLUS, INC.</b> 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		DATE: 1/12/09 DRAWING NO: RPLS0063 SHEET: 6 OF 10
TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI WOOD AND CONCRETE/MASONRY SUBSTRATE ANCHORAGE		DRAWN BY: BB SCALE: N.T.S. REV: M
PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935		

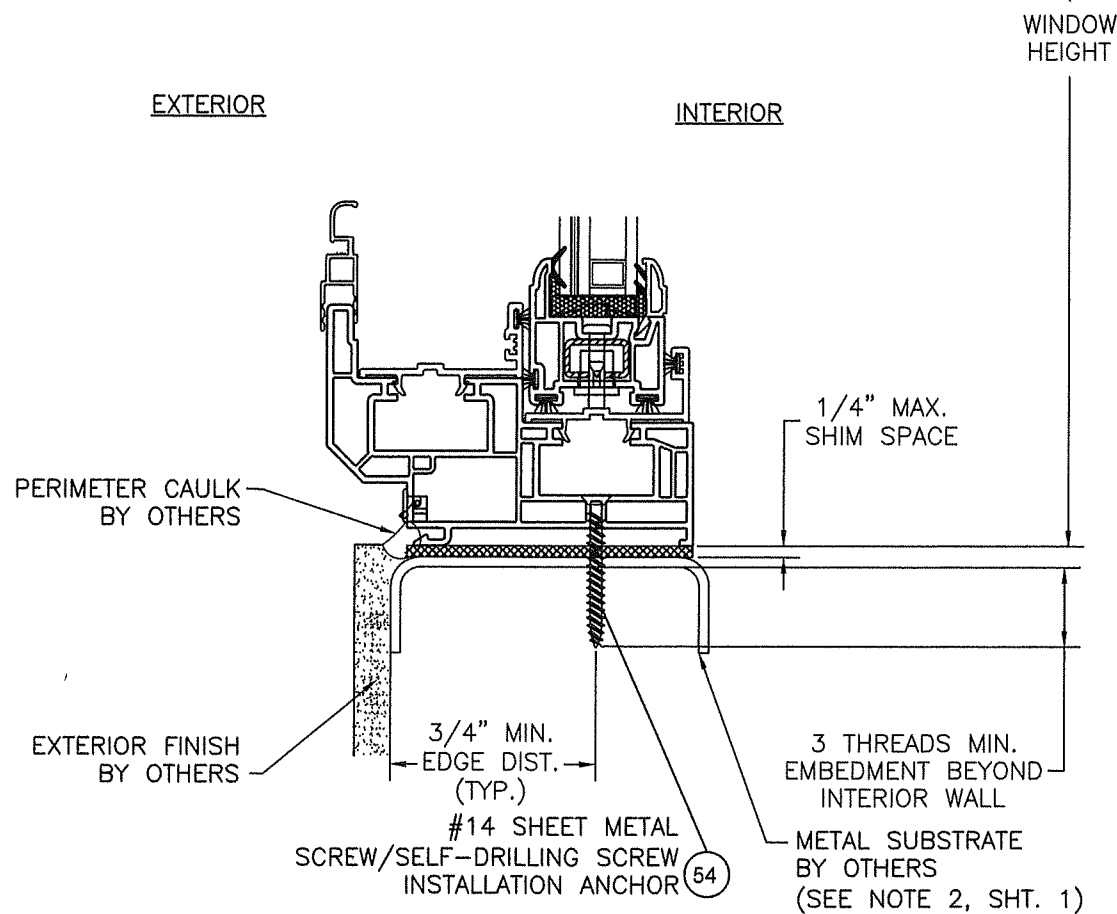
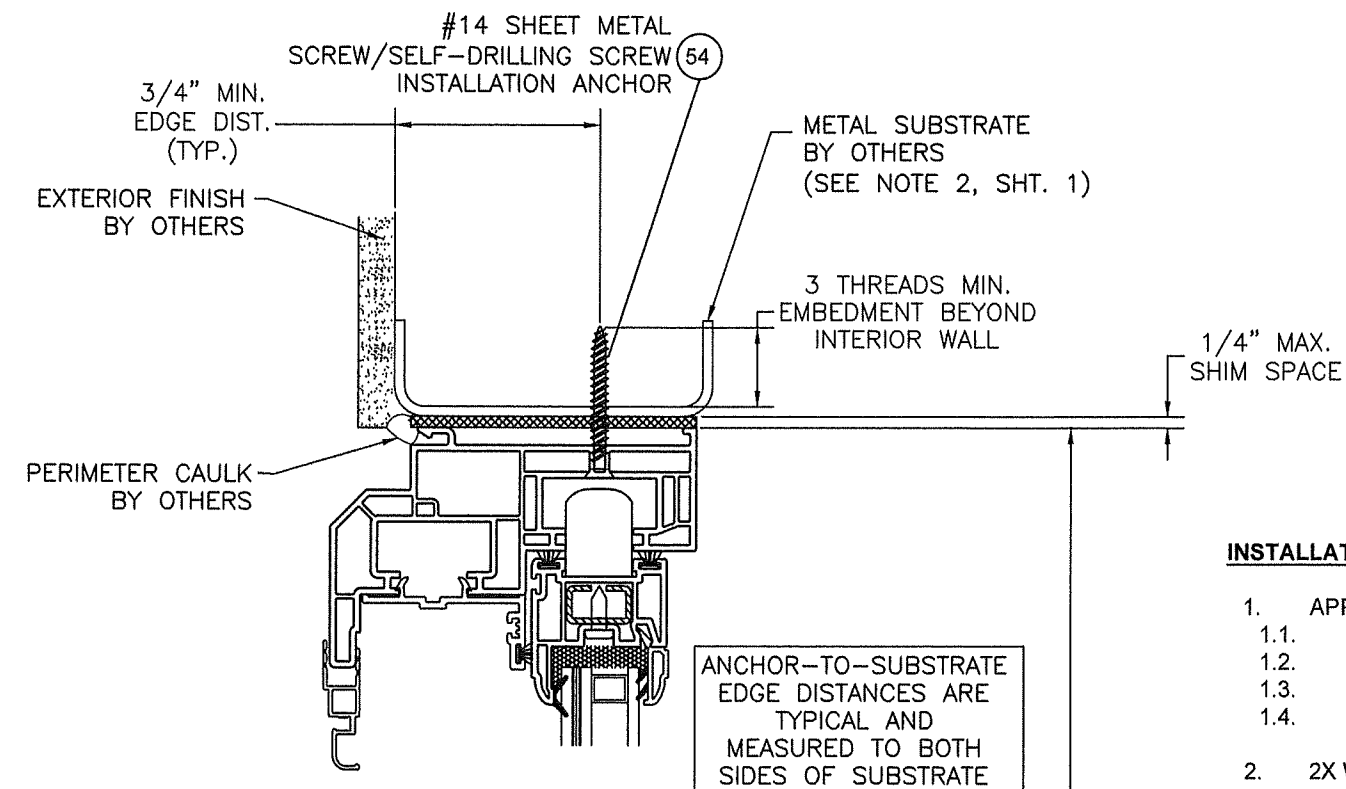
  

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

ROBERT JAMES AMORUSO  
LICENSE  
No 49752  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0929.11**  
Expiration Date: **07/22/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control



**A VERTICAL SECTION**  
METAL SUBSTRATE

**INSTALLATION NOTES:**

- APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:
  - WOOD FRAMING,
  - STEEL STUD FRAMING,
  - ALUMINUM FRAMING, AND
  - CONCRETE AND/OR MASONRY.
- 2X WOOD FRAMING, 1X OR 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHEN 1X BUCK IS USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHEN USED, 1X BUCKS SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- FOR ANCHORING INTO CONCRETE/MASONRY USE 1/4" FLAT HEAD TAPCONS (CS) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/2" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. 4" MINIMUM SPACING BETWEEN ADJACENT ANCHORS REQUIRED. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE ONE OF THE FOLLOWING:
  - #12 FLAT HEAD WOOD SCREWS (WS) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 7/8" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
  - #14 FLAT HEAD WOOD SCREWS (WS) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO METAL STRUCTURE USE #14 FLAT HEAD SHEET METAL OR SELF DRILLING SCREWS (SMS) WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- INTERIOR AND EXTERIOR FINISHES BY OTHERS. NOT SHOWN FOR CLARITY.
- PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED AND/OR SPECIFIED IN ACCORDANCE WITH ASTM E2112.

PROJECT #422-0617

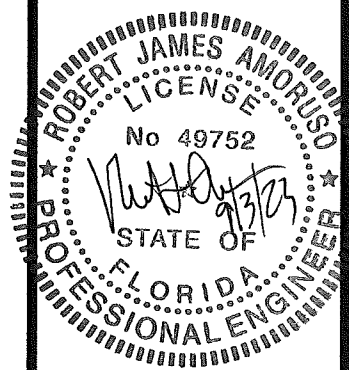
DATE	DESCRIPTION	REV
6/8/23	UPDATE TO 8TH EDITION (2023) FBC	M
10/20/20	UPDATE TO 7TH EDITION (2020) FBC	L
5/15/20	REVISED, NEW ANCHORAGE AND FRAME PROFILE	K
		BY

REGENCY PLUS, INC.  
2000 LOCUST GAP HIGHWAY  
MT. CARMEL, PA 17851

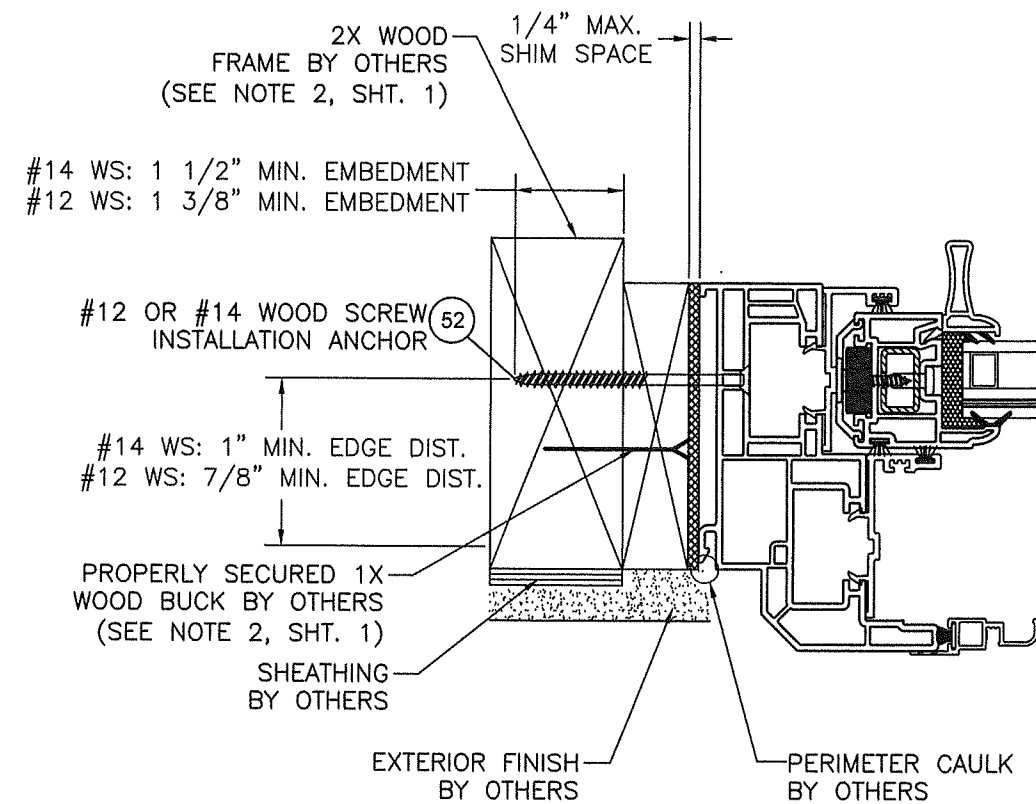
TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI  
METAL SUBSTRATE ANCHORAGE & INSTALLATION NOTES

DRAWN BY: BB	DATE: 1/12/09
SCALE: N.T.S.	DRAWING NO: RPLS0063
REV: M	SHEET: 7 OF 10
PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935	

Robert J. Amoroso, P.E.  
Florida P.E. No. 49752

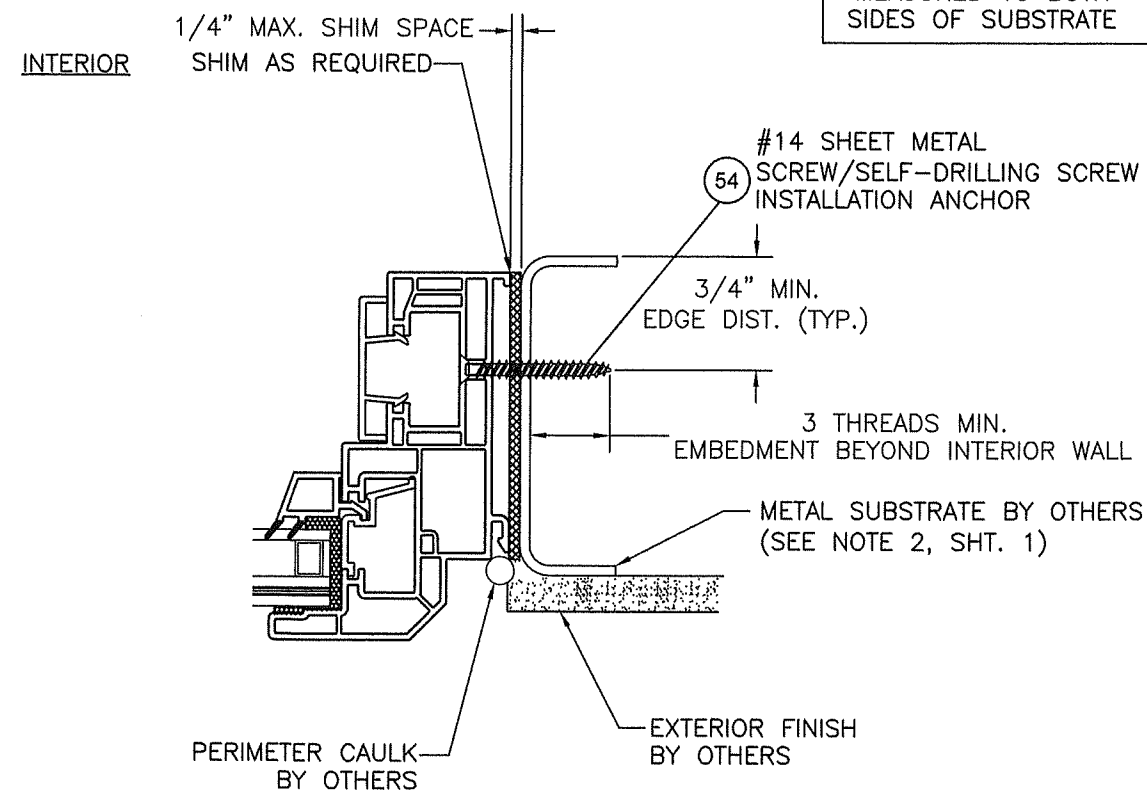


**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0929.11**  
Expiration Date: **07/22/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control



**C VERTICAL SECTION**  
WOOD SUBSTRATE

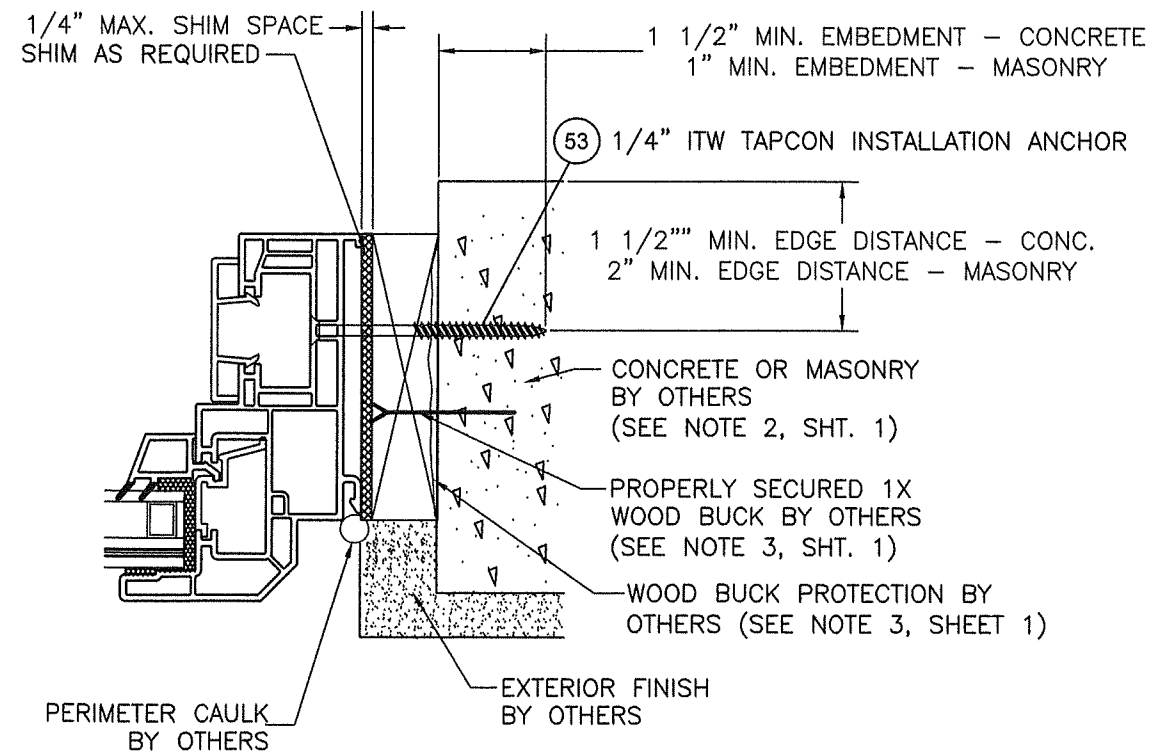
ANCHOR-TO-SUBSTRATE  
EDGE DISTANCES ARE  
TYPICAL AND  
MEASURED TO BOTH  
SIDES OF SUBSTRATE



**E VERTICAL SECTION**  
METAL SUBSTRATE

INTERIOR

EXTERIOR



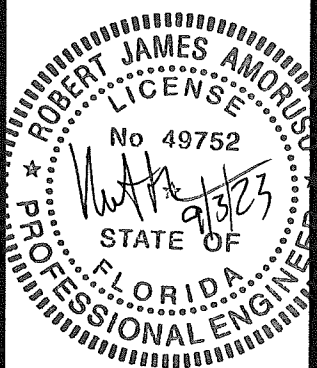
**D VERTICAL SECTION**  
CONCRETE/MASONRY  
SUBSTRATE

LOWER SASH JAMBS  
SHOWN. SIMILAR  
INSTALLATION FOR  
UPPER FIXED LITE JAMBS.

PROJECT #422-0617		RJA	BY
UPDATE TO 8TH EDITION (2023) FBC	6/8/23	RJA	DATE
UPDATE TO 7TH EDITION (2020) FBC	10/20/20	RJA	
REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/15/20	RJA	
DESCRIPTION		REV	

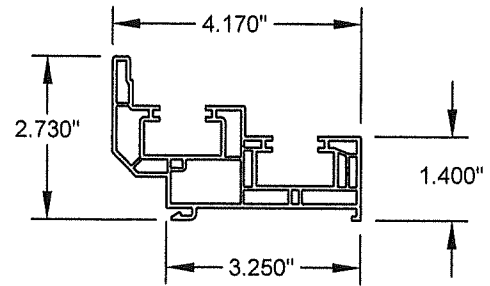
REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		DATE: 1/12/09	
TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI WOOD, CONCRETE/MASONRY & METAL SUBSTRATE ANCHORAGE		DRAWING NO: RPLS0063	
DRAWN BY: BB		SCALE: N.T.S.	
SHEET: 8 OF 10		REV: M	
PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935			

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

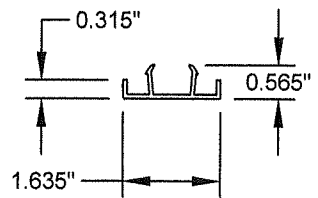


**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. 23-0929.11  
Expiration Date: 07/22/2025  
By: Manuel Perez  
Miami-Dade Product Control

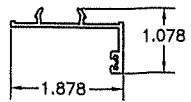
① MAIN FRAME  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.070"



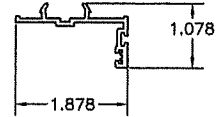
② SASH STOP FRAME  
COVER  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.070"



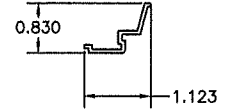
3A POCKET COVER  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.070"



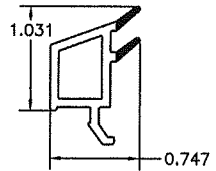
3B POCKET COVER  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.070"



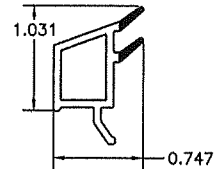
**POCKET INSERT**  
 (4) WHITE RIGID PVC  
 TYP. WALL  
 THICKNESS 0.070"



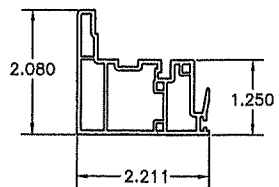
**GLAZING BEAD STOP**  
FIXED LITE HEAD AND JAMBS  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.070"



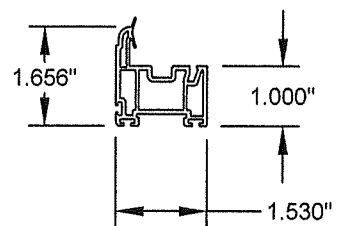
**GLAZING BEAD STOP**  
 FIXED LITE MEETING RAIL  
 WHITE RIGID PVC  
 TYP. WALL THICKNESS 0.060"



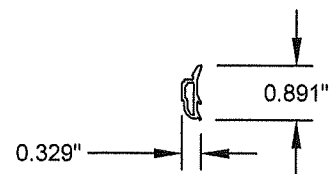
**IMPOST MULLION/FIXED**  
**MEETING RAIL**  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.066"



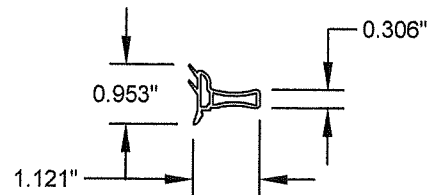
⑧ SASH FRAME  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.070"



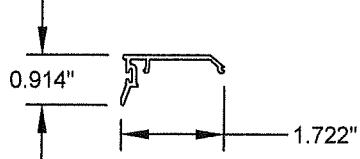
⑨ **GLAZING BEAD STOP/SASH**  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.055"



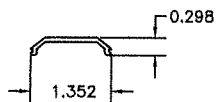
⑩ GLAZING LIFTRAIL HANDLE  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.055"



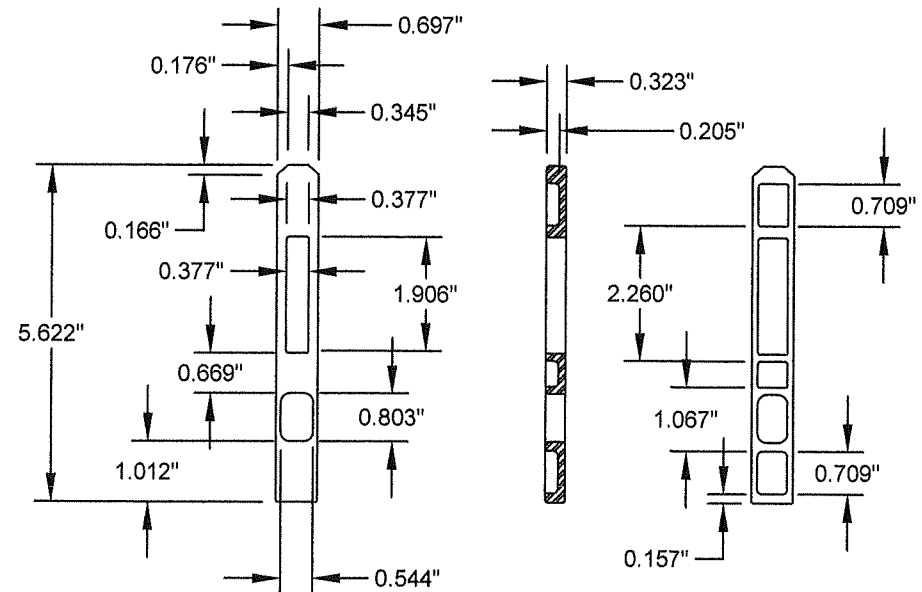
⑪ INTERLOCK COVER  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.075"



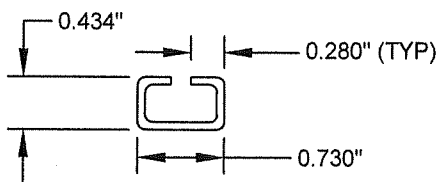
⑫ SASH COVER  
WHITE RIGID PVC  
TYP. WALL THICKNESS 0.065"



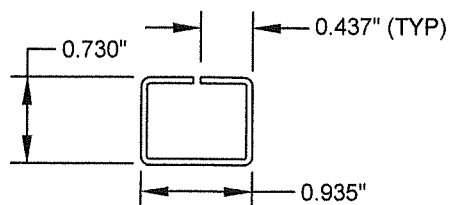
④ HURRICANE  
TILT LATCH  
STEEL - ZINC COATED



⑬ REINFORCEMENT  
STEEL  
TYP. WALL  
THICKNESS 0.06"



14 REINFORCEMENT  
STEEL  
TYP. WALL  
THICKNESS 0.05"



PROJECT #422-0617

M	UPDATE TO 8TH	6/8/23	RJA
M	EDITION (2023) EPC		

L	UPDATE TO 7TH EDITION (2020) EPC	10/20/20	RJA
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K	REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/15/20	RJA
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REV	DESCRIPTION	DATE	BY
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**REGENCY PLUS, INC.**  
2000 LOCUST GAP HIGHWAY  
MT. CARMEL, PA 17851

**TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI COMPONENTS**

DRAWN BY:	DATE:
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SCALE:	DRAWING NO:
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REV: M	SHEET: 9 OF 10
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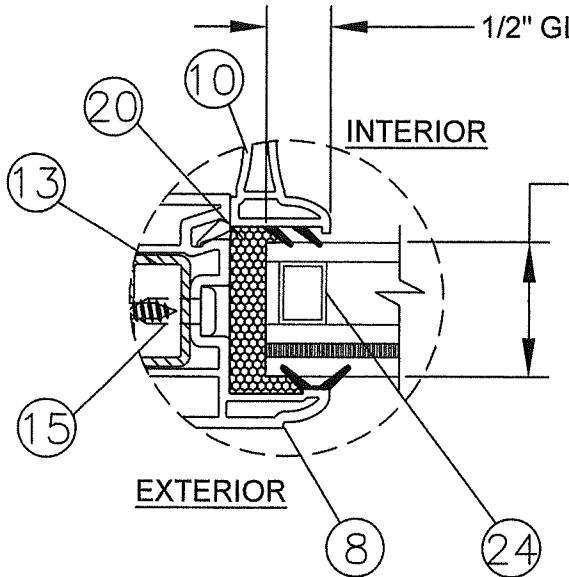
**PIC**  
PTC Product Design Group, LLC  
PO Box 520775, Longwood, FL 32752-0775  
321-690-1788 info@ptc-corp.com  
FBPE Cert. of Auth. No. 25935

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **23-0929.11**  
Expiration Date: **07/22/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control

Series 5405 XO Horizontal Slider / Bill of Material				
Item No.	Description	Part Numbers	Supplier	Material or Note
Frame Components				
1	Master Frame	IV White 1060 / 7780	Vision Extr. Grp. LTD	White PVC (2)
2	Sash Stop Frame Cover Head	IV White 1070 / 7736	Vision Extr. Grp. LTD	White PVC (2)
3A	Pocket Cover	IV White 1073 / 7724	Vision Extr. Grp. LTD	White PVC (2)
3B	Pocket Cover	IV White 1776 / 7739	Vision Extr. Grp. LTD	White PVC (2)
4	Pocket Insert	IV White 1079 / 7737	Vision Extr. Grp. LTD	White PVC (2)
5	Glazing Bead Fixed Section	IV White 1103 / 7726	Vision Extr. Grp. LTD	White PVC (2)
6	Glazing Bead Fixed Section	IV White 1080 / 7753	Vision Extr. Grp. LTD	White PVC (2)
7	Impost Mullion Fixed Section	IV White 1063 / 7735	Vision Extr. Grp. LTD	White PVC (2)
8	Sash Frame (Operating Sash)	IV White 1282 / 7750	Vision Extr. Grp. LTD	White PVC (2)
9	Glazing Bead Stop (Operating Sash) / Vents	IV White 1067 / 7745	Vision Extr. Grp. LTD	White PVC (2)
10	Glazing Liftrail Handle (Operating Sash) / Vent	IV White 1068 / 7747	Vision Extr. Grp. LTD	White PVC (2)
11	Interlock Cover (Operating Sash) / Vent	IV White 1180 / 7727	Vision Extr. Grp. LTD	White PVC (2)
12	Sash Cover (Operating Sash) / Vent	IV White 1078 / 7725	Vision Extr. Grp. LTD	White PVC (2)
Reinforcement				
13	Operating Sash / Reinforcement	ST-226-144-0.052	Hygrade Metals	.06" Galv. (1)
14	Impost Mullion (Fixed Meeting Rail) Reinforcement	ST-888-168-0.062	Hygrade Metals	.05" Galv. (1)
15	# 6 x 5/8" Tek / Reinforcement Fastener	117595	GLF Corporation	
Weatherstripping				
16	.210 x .300 Fin Seal Pocket Cover / 1073 / 7724	W23303NW0000	Ultra-Fab	
16	.210 x .300 Fin Seal Pocket Cover / 1073 / 7724	W23303NW0000	Ultra-Fab	
16	.210 x .300 Fin Seal Impost Mullion / 1063 / 7735	W23303NW0000	Ultra-Fab	
17	.187 x .300 Fin Seal Interlock Cover / 1180 / 7727	W23301NW0000	Ultra-Fab	
17	.187 x .300 Fin Seal Interlock Cover (Top / Blocks) / 1180 / 7727	W23301NW0000	Ultra-Fab	
17	.187 x .300 Fin Seal Sash Frame / 1282 / 7750 / Energi	W23301NW0000	Ultra-Fab	
17	.187 x .300 Fin Seal Sash Frame / 1282 / 7750 / Exterior Top	W23301NW0000	Ultra-Fab	
18	.210 x .220 Fin Seal Sash Frame / 1282 / 7750 / Exterior Base	W23223NW0000	Ultra-Fab	
19	.270 x .220 Fin Seal Sash Frame / Single Leg Screen Frame	W112257W0000	Ultra-Fab	
Glazing				
20	Wet Glaze (Operating Sash) / (Fixed Section)	552 Sikaflex Black	Sika US	
21	E366 2.7mm / 0.9.0 PVB Interlayer IG	Hurricane Laminate Impact	Cardinal	
22	Glass Setting Blocks Fixed Base	2NB-8K-0.125-032-064	Frank Lowe	
23	Glass Setting Blocks Sash Base	2NB-8K-0.125-028-028	Frank Lowe	
24	ENDUR IG with XL Edge SS Spacer ( SS-D TYPE)	---	Cardinal	Stainless Steel
Screen Components (not all components ID'ed in section views)				
25	Single Leg Frame New White	06516NEW192	Shapes Unlimited	
26	Double Leg Frame New White	06515NEW192	Shapes Unlimited	
27	Tension Springs	2584	Adept	
28	Fiberglass Screen Cloth Charcoal / 28" x 600'	3002606	Phifer	
29	Screen Spline (H / W)	EX-FLX-Q165-BK	Imperial Plastic USA	
30	Aluminum Corner Keys	CK252X260	Hygrade Metals	
31	Screen Clip Clear	H-3150	Product Design	
Misc. Components, Hardware and Hardware Fasteners (not all components ID'ed in section views)				
32	Weep Hole Cover White	H-808WHZ	Product Design	
33	Stainless Steel Ball Bearing Rollers	WR03-R3	Product Design	
34	Black Glazing Tape 1/8 x 3/8 x 85' (Fixed Section)	VEN-VG-1208B	Industrial Sales	
35	Interlock Cover (Operating Sash) / Vent	HH-66 Vinyl Cement	RH Products	
36	Liftrail End Caps White	00156-C001	S.I.L. Plastic	
37	Stainless Steel Staples 3/8 x 1/2 Sash	BEA 80/10	Smith Staple	
38	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	W0511022	Lindenmeyr	
39	Hurricane Grade Spring	CS025	James Spring Wire	
40	Accessory Parts Installation Translucent	02-MX0150010C2	Novagard Silicones	
41	Hurricane Tilt Latch	1057A-003-EW	Vision Industries	
42	Safe Seal Lock	3220SS-003-EW	Vision Industries	
43	Safe Seal Keeper	8292A-003-EW	Vision Industries	
44	# 8-18 x 0.850 Flat Wafer Shoulder / Sash / Hurricane Latch	137341	GLF Corporation	
45	# 8 x 1 1/4" Tek White / Locks	120376	GLF Corporation	
46	# 6 x 1" Tek White / Keepers	116821	GLF Corporation	
47	# 6 x 1 1/4" Tek White / Impost Mullion Rebar	156180	GLF Corporation	
48	# 8 x 3 1/2" Phil Pan HD SMS Salt Spray / Impost Mullion	120913	GLF Corporation	
49	# 0625 x 0.194 Washer / Impost Mullion	145030	GLF Corporation	
50	# 5 x 3/8" Tek / Screen Clips White	116506	GLF Corporation	
51	CAM Type Sweep Lock	3220SS -003-EW	Truth Hardware	
52	Face Mounted Keeper	---	Truth Hardware	Steel
Installation Fasteners				
52	#12 OR #14 WOOD SCREW	n/a	n/a	Steel
53	1/4" ADVANCED THREADFORM TAPCON	n/a	ITW	Steel
54	#14 SHEET METAL OR SELF-DRILLING SCREW	n/a	n/a	Steel

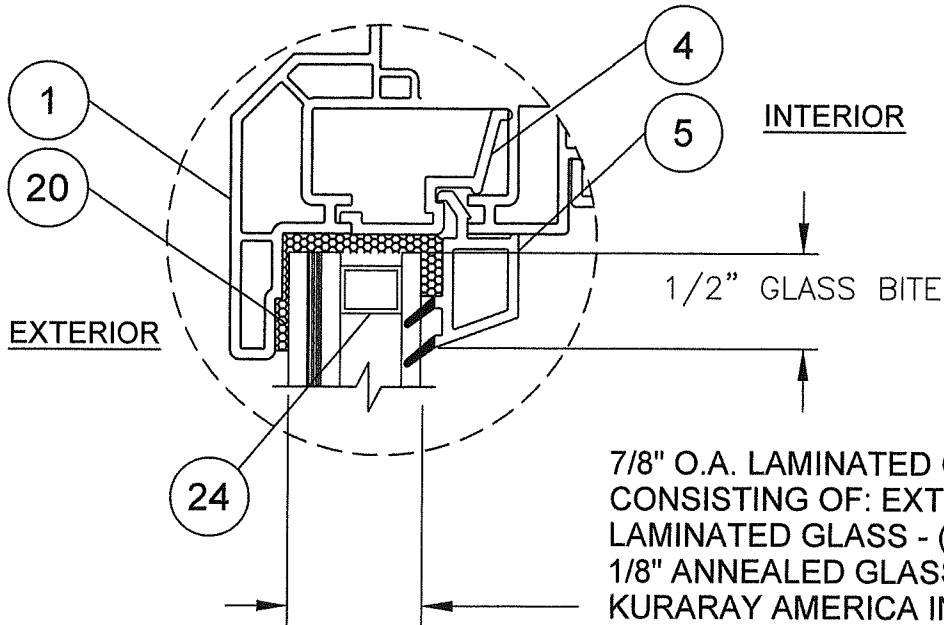
(1) Hygrade Metals Specification: AISI 1005 to 1010, CS Type A and B, 30 ksi to 50 ksi Yield Strength, G40 Galvanized  
(2) VISION EXTRUSIONS GROUP LIMITED PER CURRENT MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).



1/2" GLASS BITE

7/8" O.A. LAMINATED GLASS  
CONSISTING OF: EXTERIOR  
LAMINATED GLASS - (2) NOMINAL 1/8"  
ANNEALED GLASS W/ 0.090"  
KURARAY AMERICA INC. TROSIFOL  
INTERLAYER, 7/16" AIRSPACE W/  
STAINLESS STEEL SPACER (TYPE  
SS-D), INTERIOR 1/8" TEMPERED  
GLASS

**GLAZING DETAIL 1**  
OPERATING SASH JAMB SHOWN.  
SAME AT HEAD AND SILL.



1/2" GLASS BITE

7/8" O.A. LAMINATED GLASS  
CONSISTING OF: EXTERIOR  
LAMINATED GLASS - (2) NOMINAL  
1/8" ANNEALED GLASS W/ 0.090"  
KURARAY AMERICA INC.  
TROSIFOL INTERLAYER, 7/16"  
AIRSPACE W/ STAINLESS STEEL  
SPACER (TYPE SS-D), INTERIOR  
1/8" TEMPERED GLASS

**GLAZING DETAIL 2**  
FIXED LITE HEAD SHOWN. SAME  
AT SILL AND JAMBS.

PROJECT #422-0617

UPDATE TO 8TH EDITION (2023) FBC

DATE: 6/8/23

UPDATE TO 7TH EDITION (2020) FBC

DATE: 10/20/20

REVISED, NEW ANCHORAGE AND FRAME PROFILE

DATE: 5/15/20

DESCRIPTION

REV

REGENCY PLUS, INC.

2000 LOCUST GAP HIGHWAY

MT. CARMEL, PA 17851

TITLE: SERIES 5405 VINYL XO-OX HORIZONTAL SLIDING WINDOW - LMI

BILL OF MATERIALS & GLAZING DETAILS

DRAWN BY: BB

DATE: 1/12/09

SCALE: N.T.S.

DRAWING NO: RPLS0063

REV: M

SHEET: 10 OF 10

PTC Product Design Group, LLC

PO Box 520775, Longwood, FL 32752-0775

321-690-1788 info@ptc-corp.com

FBPE Cert. of Auth. No. 25935

Robert J. Amoruso, P.E.

Florida P.E. No. 49752

ROBERT JAMES AMORUSO

PROFESSIONAL ENGINEER

STATE OF FLORIDA

No 49752

10/20/20

PRODUCT REVISED

As complying with the Florida Building Code

NOA-No. 23-0929.11

Expiration Date: 07/22/2025

By: Manuel Perez

Miami-Dade Product Control