



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

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 "5000" White PVC Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **RPLS0062**, titled "Series 5000 Vinyl Single Hung Window - LMI", sheets 1 through 10 of 10, dated 01/12/09, with revision **M** dated 06/06/23, 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.

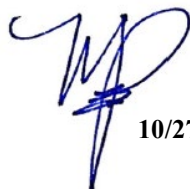
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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. 20-1103.10** 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. 23-0929.12
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

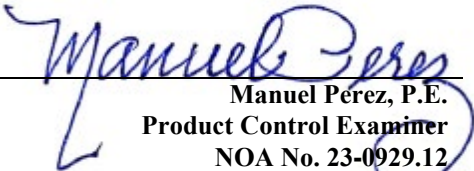
1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 08-1210.13)
2. Drawing No. **RPLS0062**, titled "Series 5000 Vinyl Single Hung Window - LMI", sheets 1 through 10 of 10, dated 01/12/09, with revision **L** dated 10/20/20, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.
(Submitted under NOA No. 20-1103.10)

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 single hung window, prepared by National Certified Testing Laboratories, Test Report No. **NTCL-110-11537-1**, dated 08/18/08, revised on 09/03/08, signed and sealed by Harold E. Rupp, P.E.
(Submitted under NOA No. 08-1210.13)
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. 20-0526.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 03/31/15, with revision dated 09/01/15, and updated to the **FBC 6th 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. 20-0526.04)
2. Glazing complies with **ASTM E1300-04**


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0929.12
Expiration Date: July 22, 2025
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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

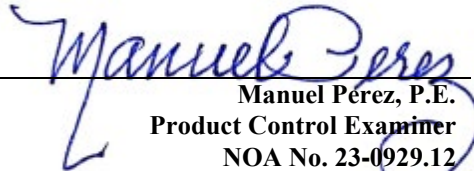
1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **18-0122.02**, issued to **ENERGI Fenestration Solutions USA, Inc.**, for their **White 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 7th 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. 20-1103.10)
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. 20-0526.04)

G. OTHERS

1. Notice of Acceptance No. **20-0526.04**, issued to Regency Plus, Inc. for their Series "5000" White PVC Single Hung Window – L.M.I., approved on 07/02/20 and expiring on 07/22/25.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0929.12
Expiration Date: July 22, 2025
Approval Date: November 02, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **RPLS0062**, titled “Series 5000 Vinyl Single Hung Window - LMI”, sheets 1 through 10 of 10, dated 01/12/09, with revision **M** dated 06/06/23, 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

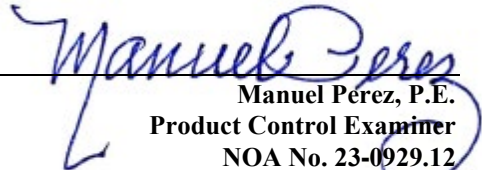
1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 11/19/20, expiring on 07/08/24.
2. Notice of Acceptance No. **21-1109.04**, issued to **Vision Extrusions Group Limited**, for their **White 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 8th Edition (2023)**, and of no financial interest, dated June 6, 2023, issued by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.

G. OTHERS

1. Notice of Acceptance No. **20-1103.10**, issued to Regency Plus, Inc. for their Series “5000” White PVC Single Hung Window – L.M.I., approved on 01/21/21 and expiring on 07/22/25.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0929.12
Expiration Date: July 22, 2025
Approval Date: November 02, 2023

REGENCY PLUS, INC.

SERIES 5000 VINYL SINGLE HUNG 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-110-11537-1, DATED 08/18/08, WITH REVISION DATED 09/03/08 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: *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	6/6/23	RJA
	UPDATE TO 7TH EDITION (2020) FBC	10/20/20	RJA
	REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/13/20	RJA
	DESCRIPTION	DATE	BY
M	L	K	REV


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

TITLE: SERIES 5000 VINYL SINGLE HUNG WINDOW - LMI

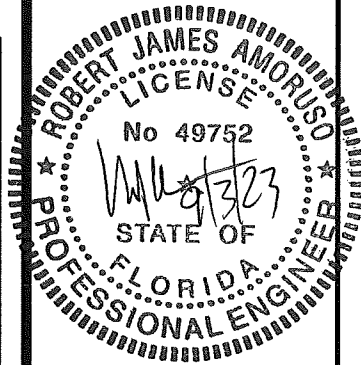
NOTES

DRAWN BY: BB
SCALE: N.T.S.
REV: M

DATE: 1/12/09
DRAWING NO: RPLS0062
SHEET: 1 OF 10

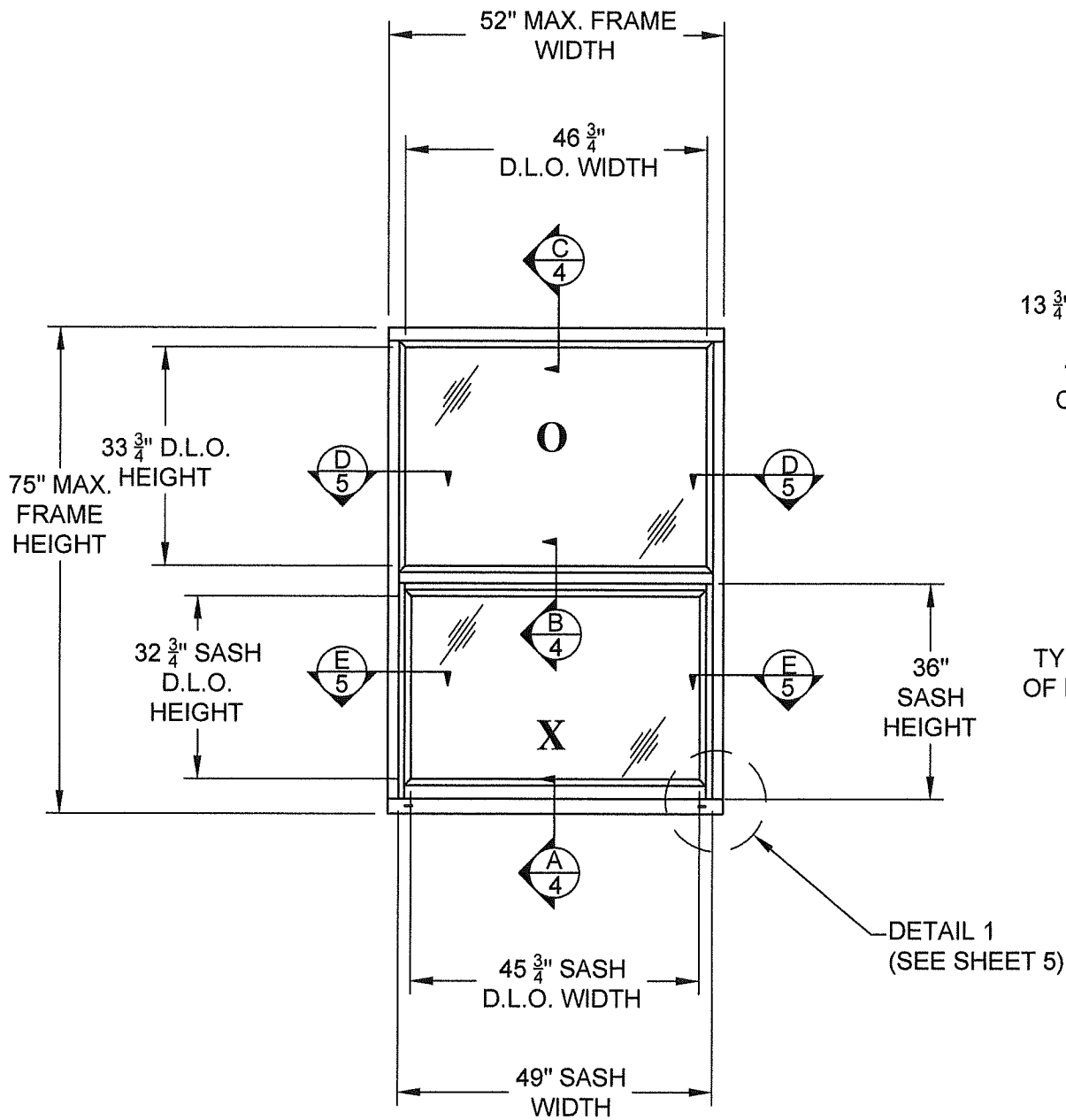

PTC Product Design Group, LLC
PO Box 520775, Longwood, FL 32752-0775
321-690-1788 info@ptc-corp.com
FBPE Cert. of Auth. No. 25935

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



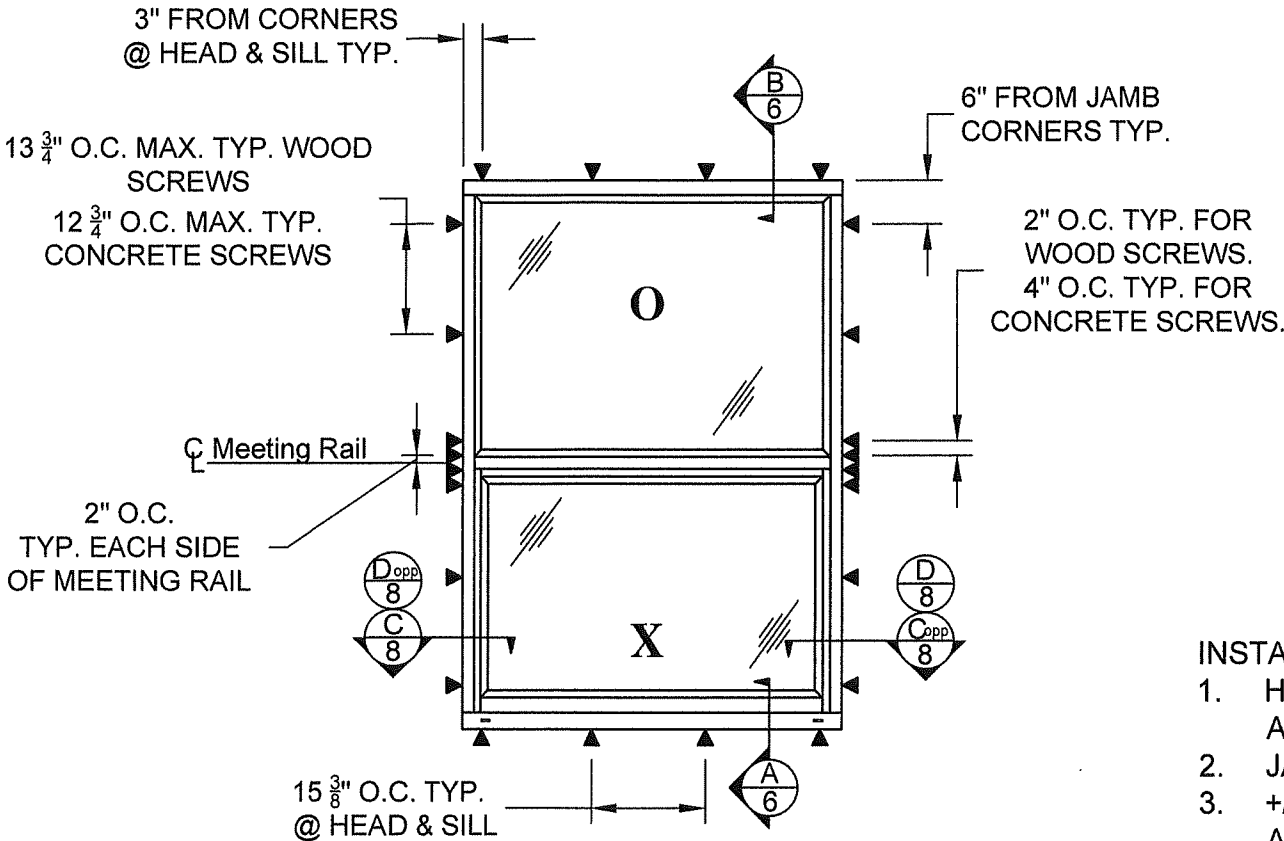
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0929.12**
Expiration Date: **07/22/2025**
By: *Manuel Fern*
Miami-Dade Product Control

SERIES 5000 VINYL SINGLE HUNG WINDOW
INSTALLATION INTO WOOD SUBSTRATE (WOOD OR TAPPING
SCREWS) OR CONCRETE/MASONRY SUBSTRATE
(CONCRETE SCREWS)



SERIES 5000 VINYL SINGLE
HUNG WINDOW
EXTERIOR VIEW

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



SERIES 5000 VINYL SINGLE HUNG 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 2" OC.

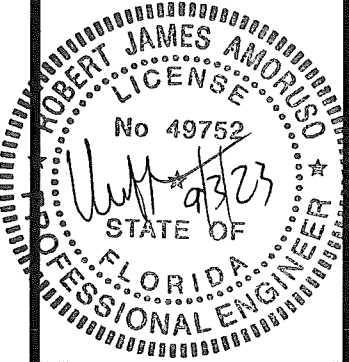
WEEP HOLES:

- ONE (1) WEEP HOLE MEASURING 1-1/4" X 1/4" AND EMPLOYING A PLASTIC WEEP COVER WAS LOCATED AT 2-5/8" FROM EACH END OF THE EXTERIOR SILL FACE.

PROJECT #422-0617	DATE	BY
UPDATE TO 8TH EDITION (2023) FBC	6/6/23	RJA
UPDATE TO 7TH EDITION (2020) FBC	10/20/20	RJA
REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/13/20	RJA
DESCRIPTION	DATE	BY

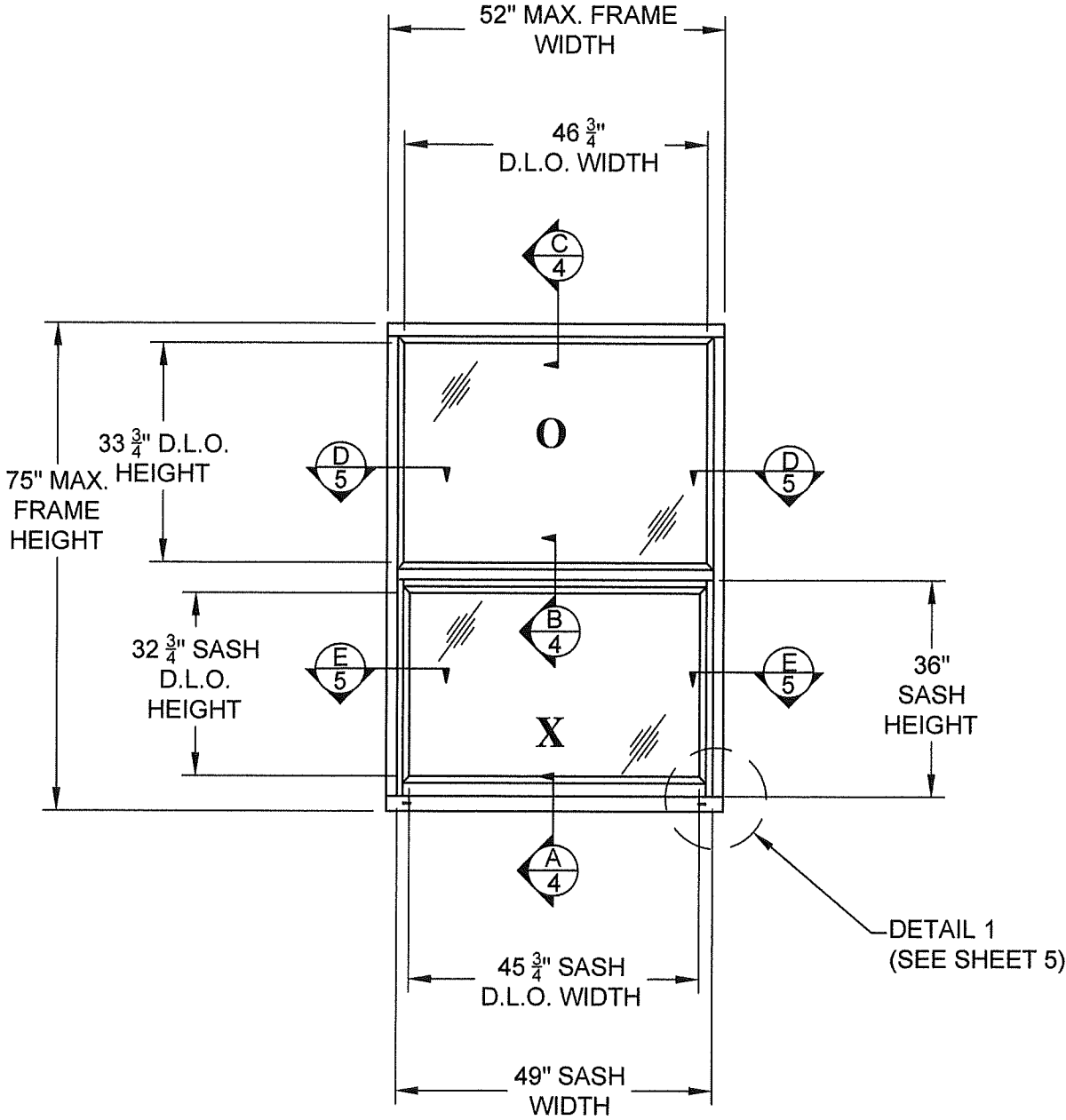
REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	DRAWN BY: BB SCALE: N.T.S. REV: M	DATE: 1/12/09 DRAWING NO: RPLS0062 SHEET: 2 OF 10
TITLE: SERIES 5000 VINYL SINGLE HUNG WINDOW - LMI ELEVATION AND ANCHOR LAYOUT (WS AND CS)	PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32762-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935	

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



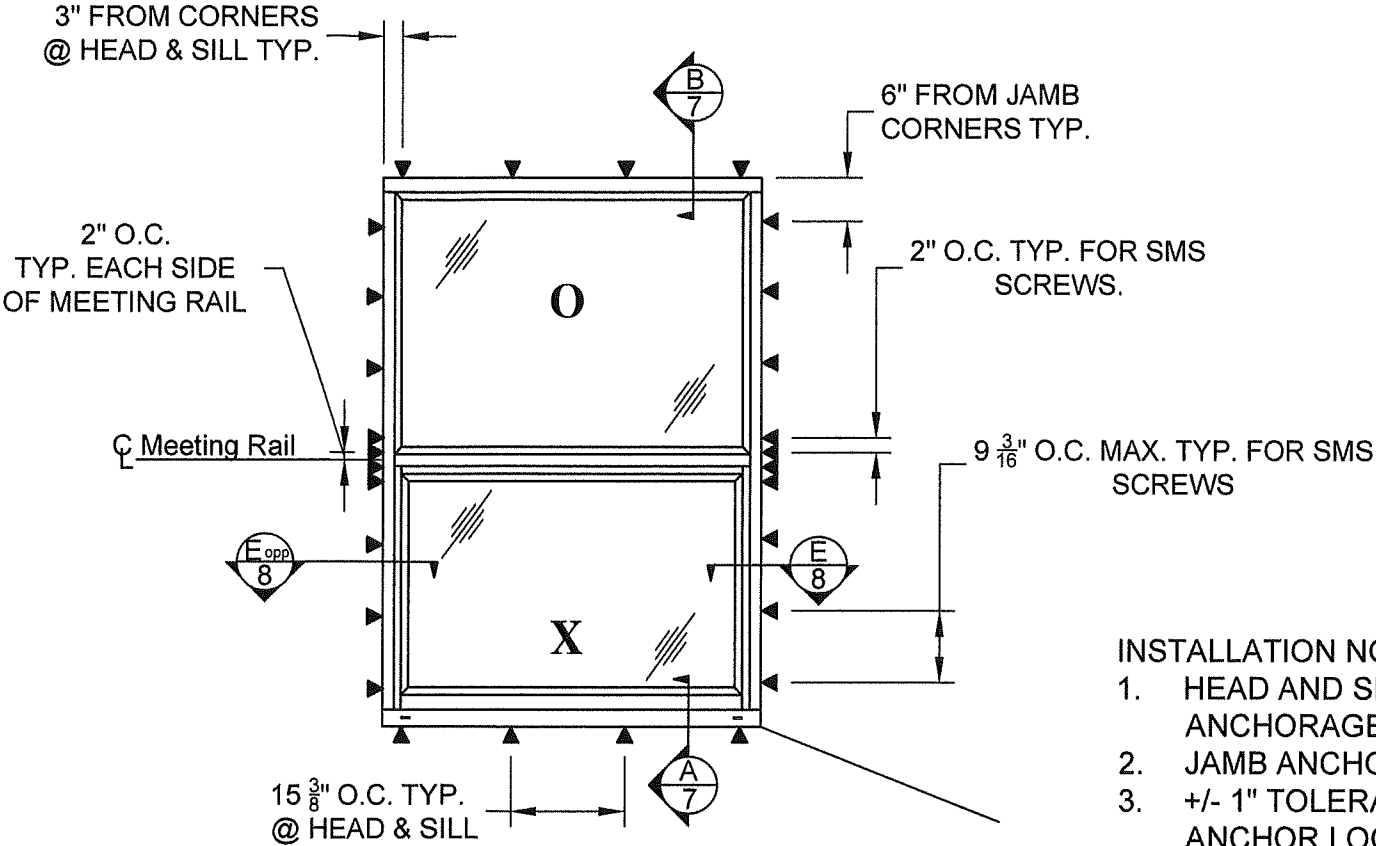
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0929.12
Expiration Date: 07/22/2025
By: Manuel Fern
Miami-Dade Product Control

SERIES 5000 VINYL SINGLE HUNG WINDOW
INSTALLATION INTO METAL SUBSTRATE (SMS, TAPPING OR
SELF-DRILLING SCREW)



SERIES 5000 VINYL SINGLE
HUNG WINDOW
EXTERIOR VIEW

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



SERIES 5000 VINYL SINGLE HUNG 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.

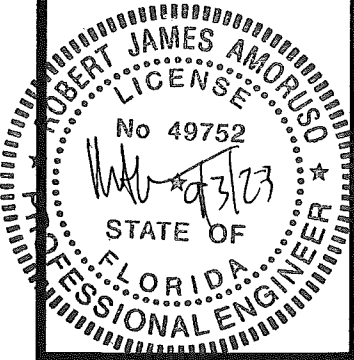
WEEP HOLES:

1. ONE (1) WEEP HOLE MEASURING 1-1/4" X 1/4" AND EMPLOYING A PLASTIC WEEP COVER WAS LOCATED AT 2-5/8" FROM EACH END OF THE EXTERIOR SILL FACE.

PROJECT #422-0617	DATE	BY
UPDATE TO 8TH EDITION (2023) FBC	6/6/23	RJA
UPDATE TO 7TH EDITION (2020) FBC	10/20/20	RJA
REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/13/20	RJA
DESCRIPTION	DATE	BY

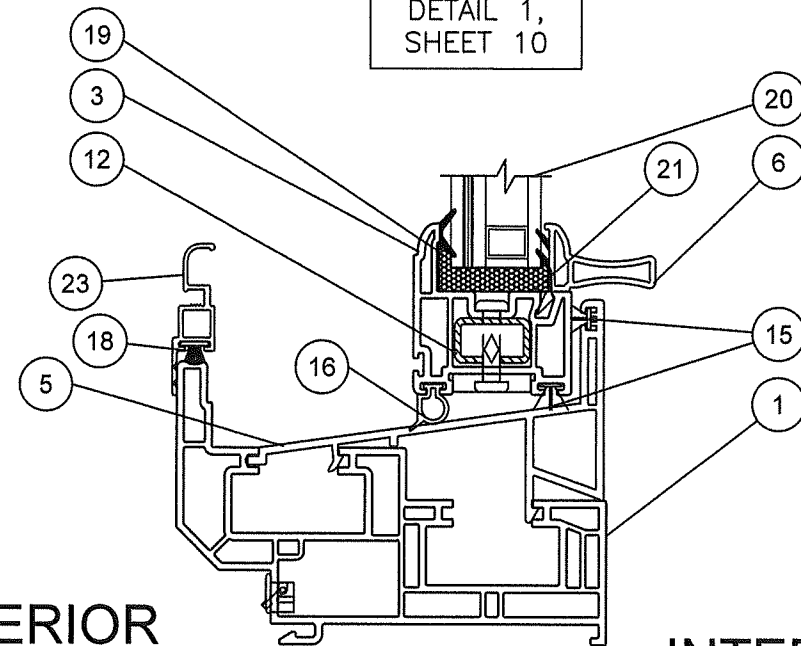
REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	DRAWN BY: BB SCALE: N.T.S. REV: M	DATE: 1/12/09 DRAWING NO: RPLS00062 SHEET: 3 OF 10
TITLE: SERIES 5000 VINYL SINGLE HUNG WINDOW - LMI ELEVATION AND ANCHOR LAYOUT (WS AND CS)	PTC Product Design Group, LLC 321-690-1788 info@ptc-corp.com FBPE 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. 23-0929.12
Expiration Date: 07/22/2025
By: Manuel Perez
Miami-Dade Product Control

EXTERIOR

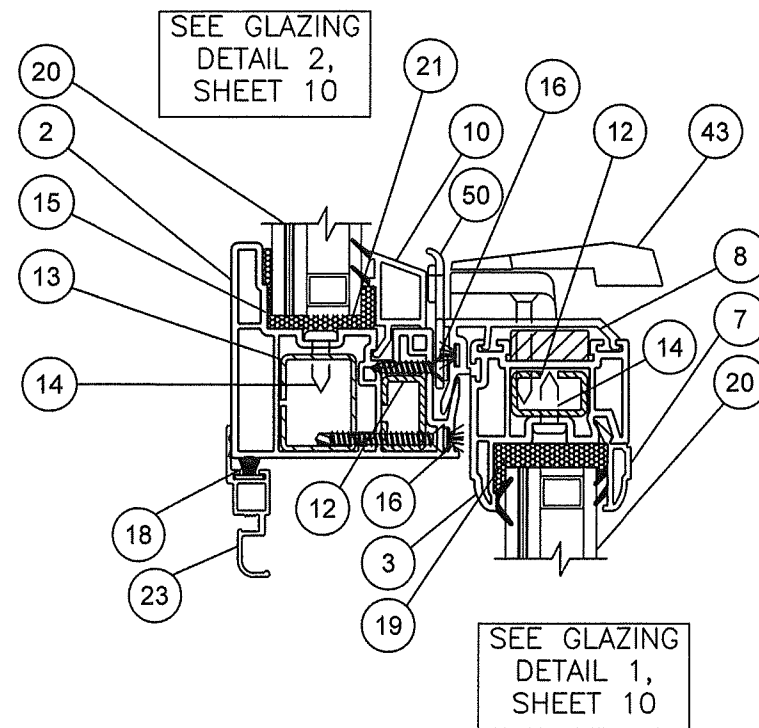


INTERIOR

A

VERTICAL SECTION
SILL - COMPONENT ID

EXTERIOR

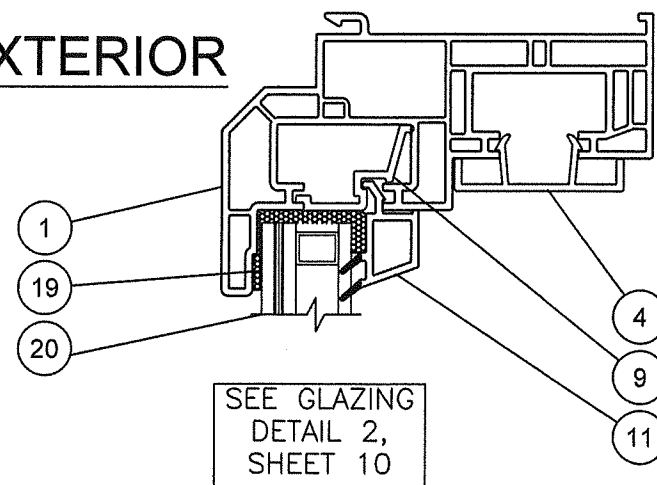


INTERIOR

B

VERTICAL SECTION
MEETING RAILS - COMPONENT ID

EXTERIOR



INTERIOR

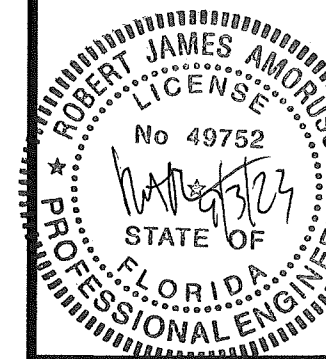
C

VERTICAL SECTION
HEAD - COMPONENT ID

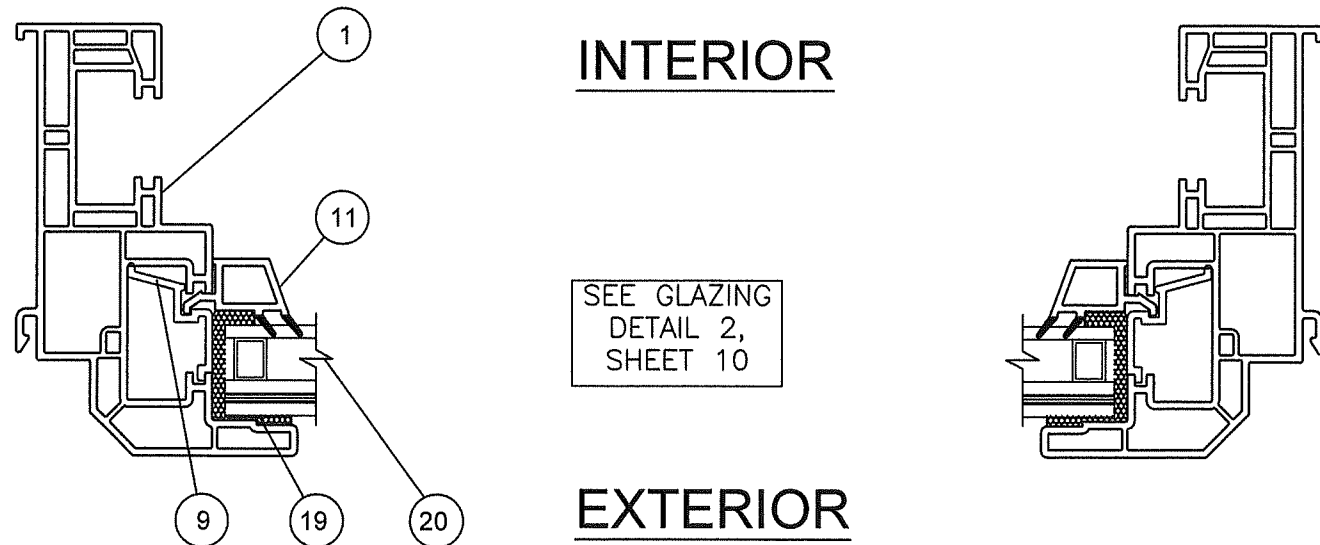
PROJECT #422-0617	RJA		DATE	BY
	6/6/23	10/20/20		
	UPDATE TO 8TH EDITION (2023) FBC	UPDATE TO 7TH EDITION (2020) FBC		
	M	L		

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	DATE: 1/12/09		SHEET: 4 OF 10
	DRAWN BY: BB	DRAWING NO: RPLS0062	
	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		

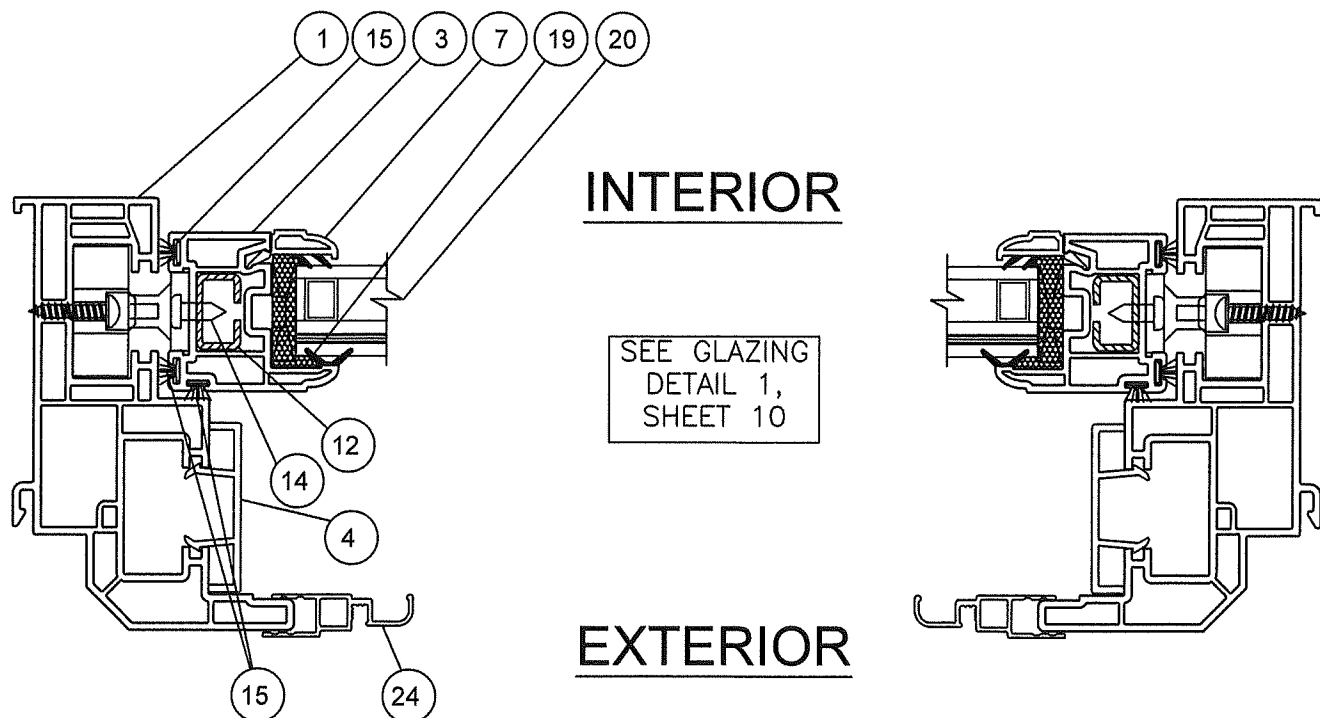
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



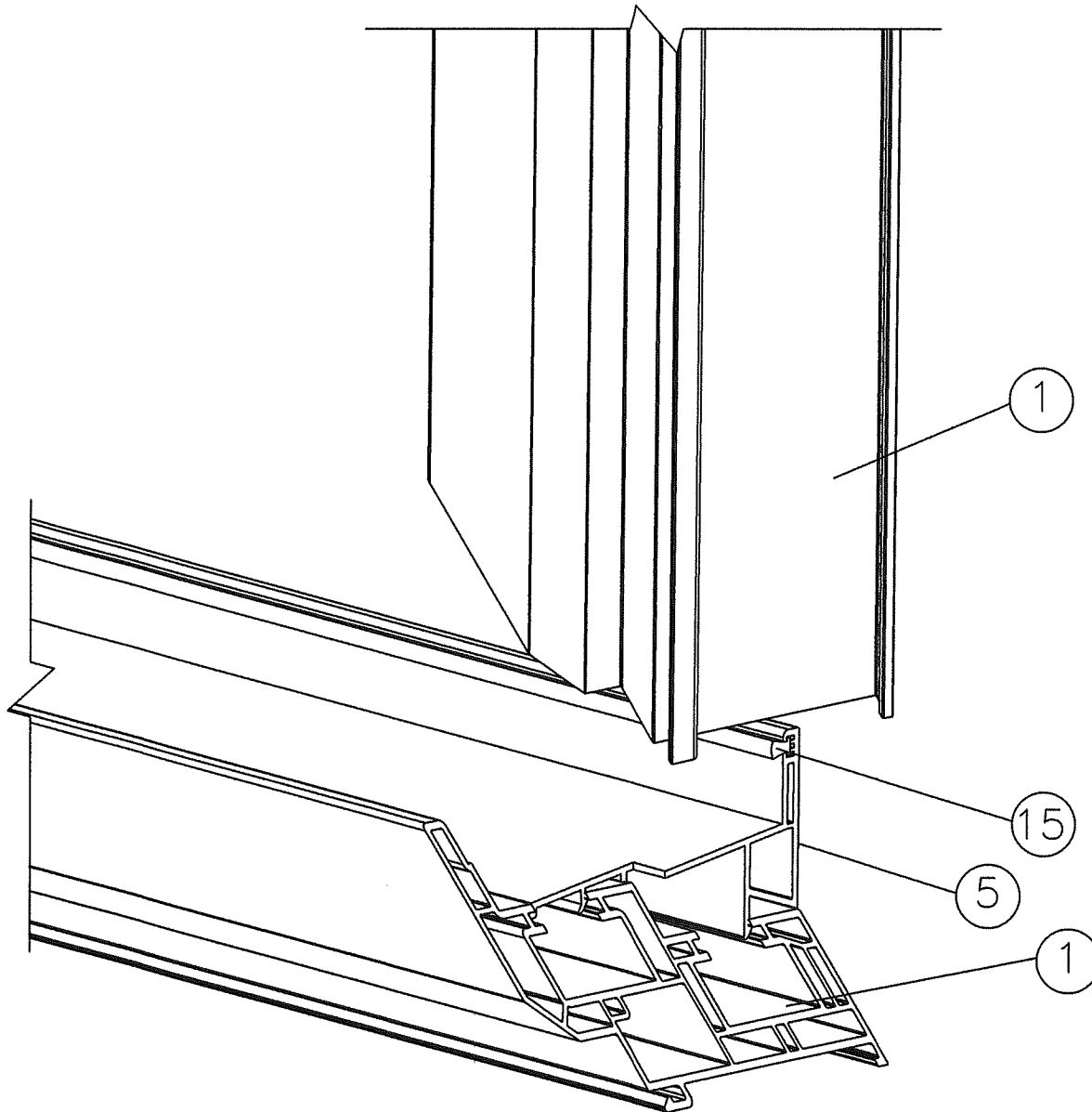
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0929.12**
Expiration Date: **07/22/2025**
By: *Manuel Perez*
Miami-Dade Product Control



D **HORIZONTAL SECTION**
FIXED LITE
JAMBS - COMPONENT ID




E **HORIZONTAL SECTION**
LOWER SASH
JAMBS - COMPONENT ID

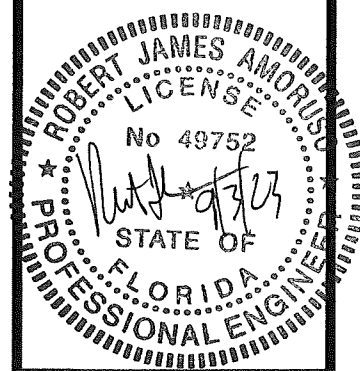


DETAIL 1
MASTER FRAME CONSTRUCTION
(SASH FRAME SIMILAR)

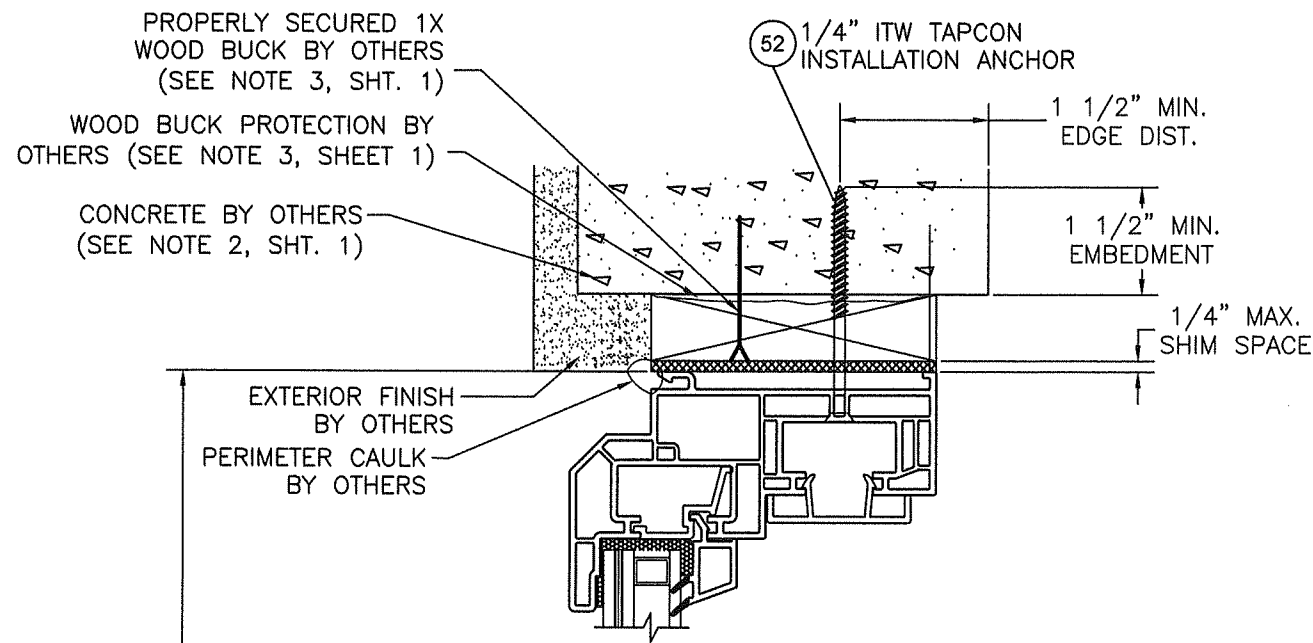
PROJECT #422-0617				
M	UPDATE TO 8TH EDITION (2023) FBC	6/6/23	RJA	BY
L	UPDATE TO 7TH EDITION (2020) FBC	10/20/20	RJA	DATE
K	REVISED, NEW ANCHORAGE AND FRAME PROFILE	5/13/20	RJA	DATE
REV	DESCRIPTION			

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851				
TITLE: SERIES 5000 VINYL SINGLE HUNG WINDOW - LMI HORIZONTAL SECTIONS - COMPONENT ID & FRAME CONST.				
DRAWN BY: BB		DATE: 1/12/09		
SCALE: N.T.S.		DRAWING NO: RPLS0062		
REV: M		SHEET: 5 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				

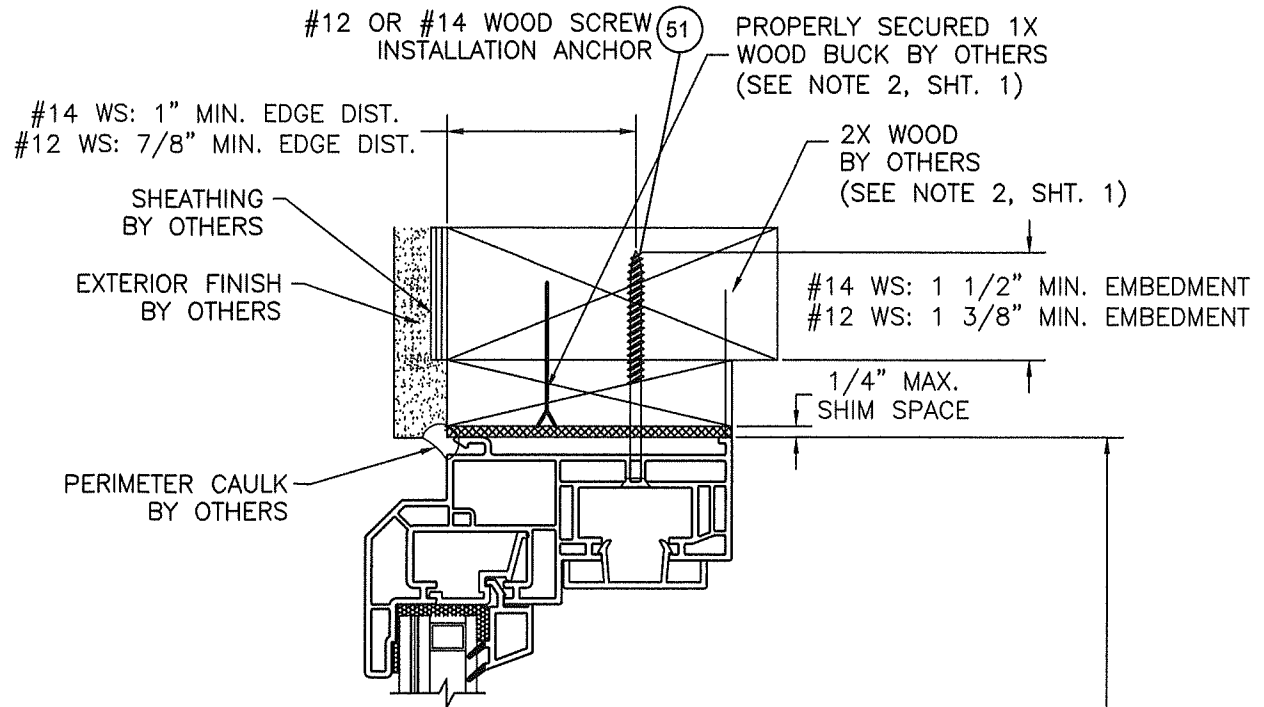
Robert J. Amoruso, P.E.
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Miami-Dade Product Control

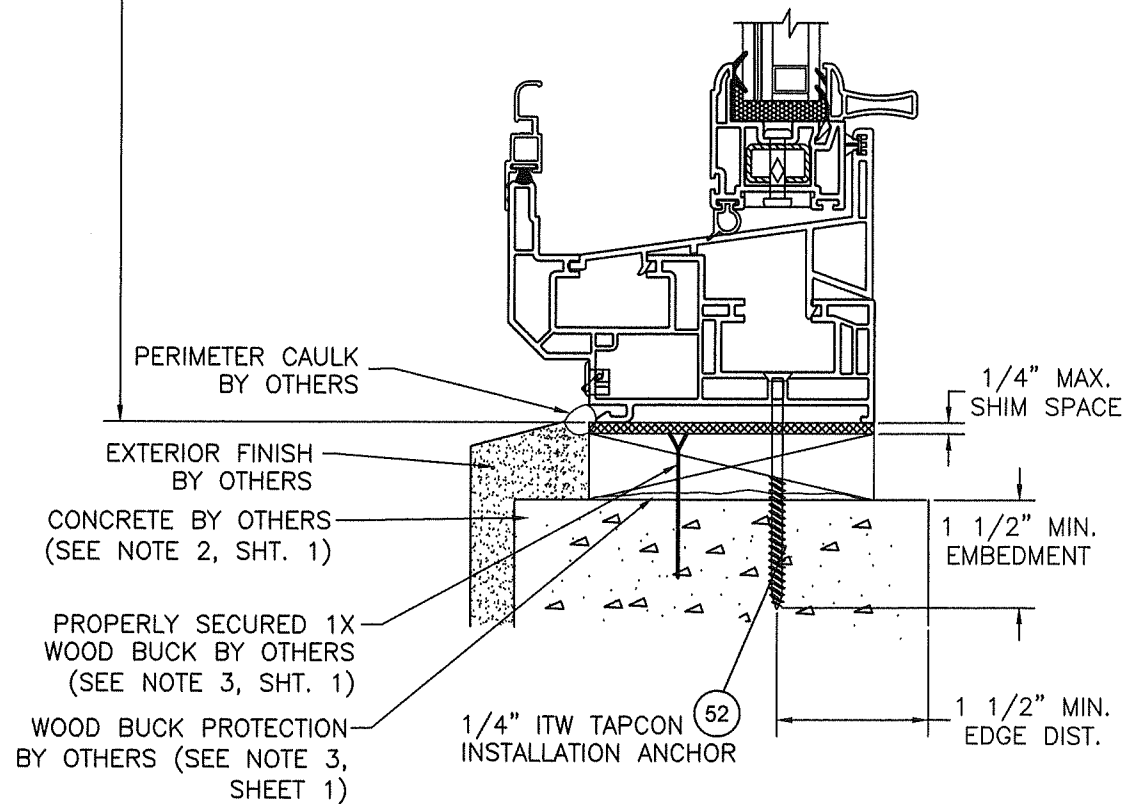


B VERTICAL SECTION
CONCRETE SUBSTRATE

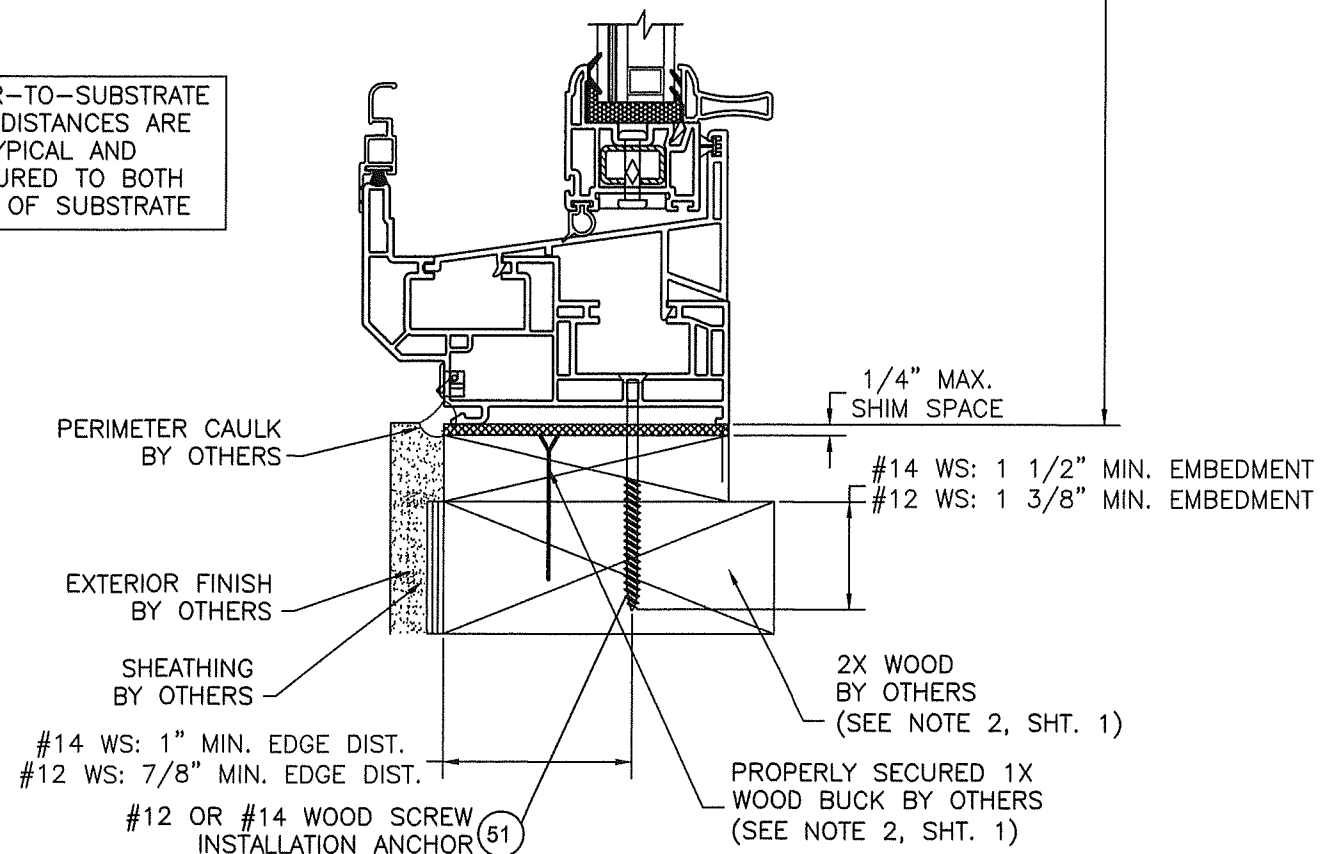


B VERTICAL SECTION
WOOD SUBSTRATE

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



A VERTICAL SECTION
CONCRETE SUBSTRATE

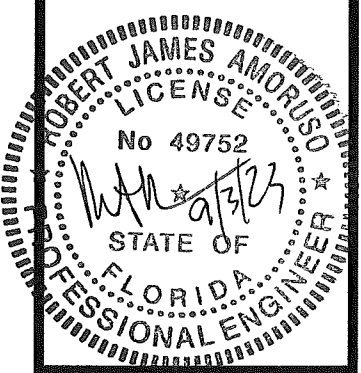


A VERTICAL SECTION
WOOD SUBSTRATE

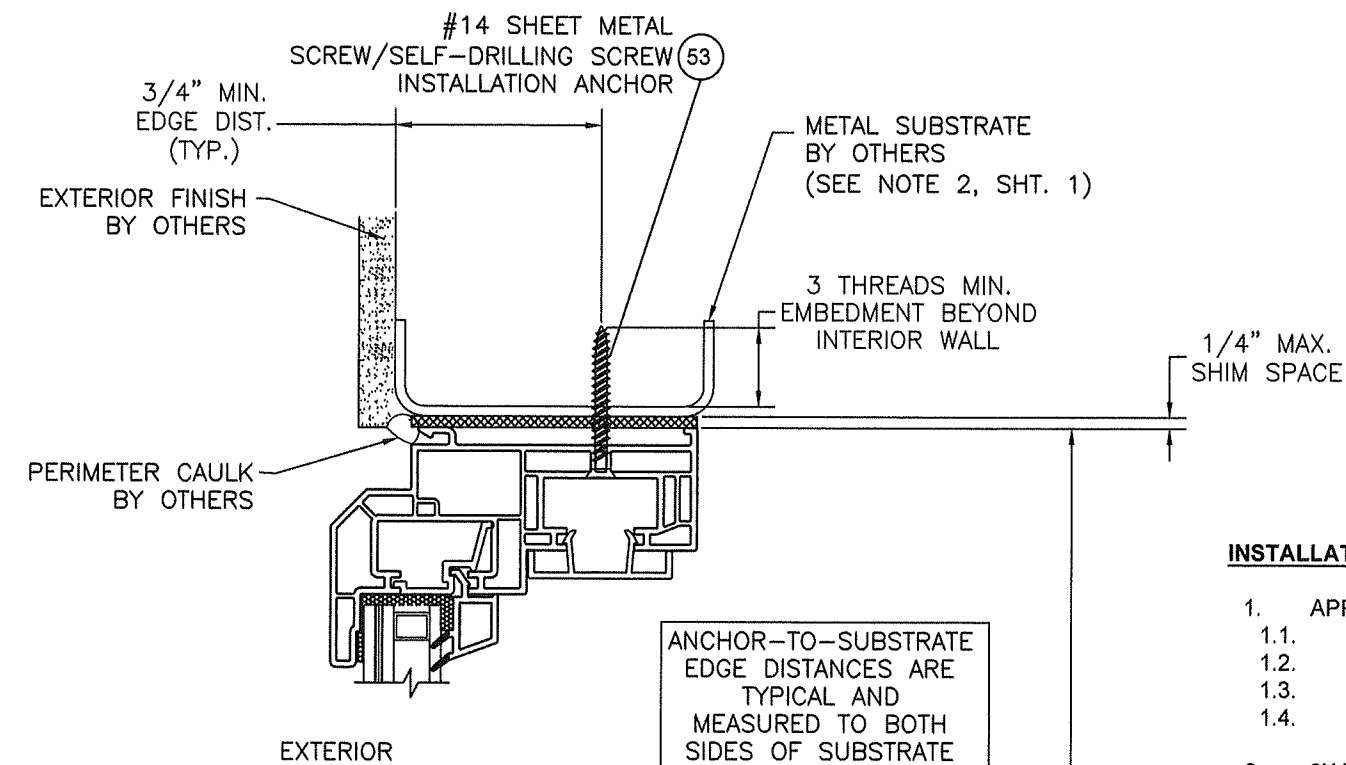
PROJECT #422-0617	RJA	6/6/23	UPDATE TO 8TH EDITION (2023) FBC	REVISION	DATE
	M	L	UPDATE TO 7TH EDITION (2020) FBC	REV	
	K	5/13/20	REVISED, NEW ANCHORAGE AND FRAME PROFILE	REV	
	BY				

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851			DATE: 1/12/09		
DRAWN BY: BB			DRAWING NO: RPLS0062		
SCALE: N.T.S.			SHEET: 6 OF 10		
REV: M					

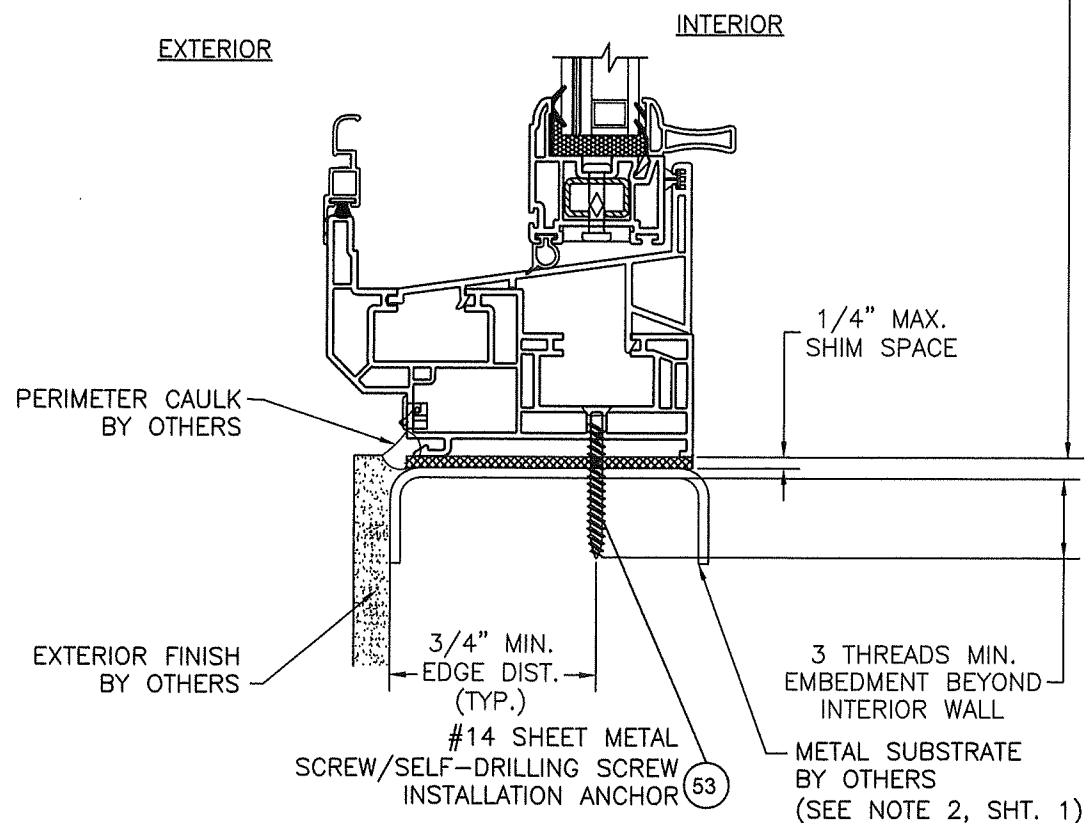
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Florida P.E. No. 49752



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B VERTICAL SECTION METAL SUBSTRATE



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
6/6/23	UPDATE TO 8TH EDITION (2023) FBC	M
10/20/20	UPDATE TO 7TH EDITION (2020) FBC	L
5/13/20	REVISED, NEW ANCHORAGE AND FRAME PROFILE	K
DATE		BY

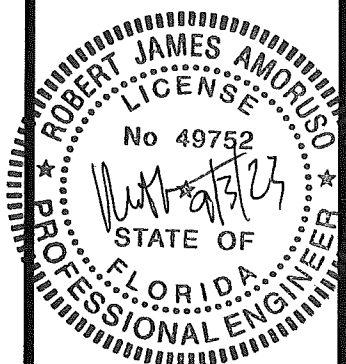
REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

TITLE: SERIES 5000 VINYL SINGLE HUNG WINDOW - LMI
METAL SUBSTRATE ANCHORAGE & INSTALLATION NOTES

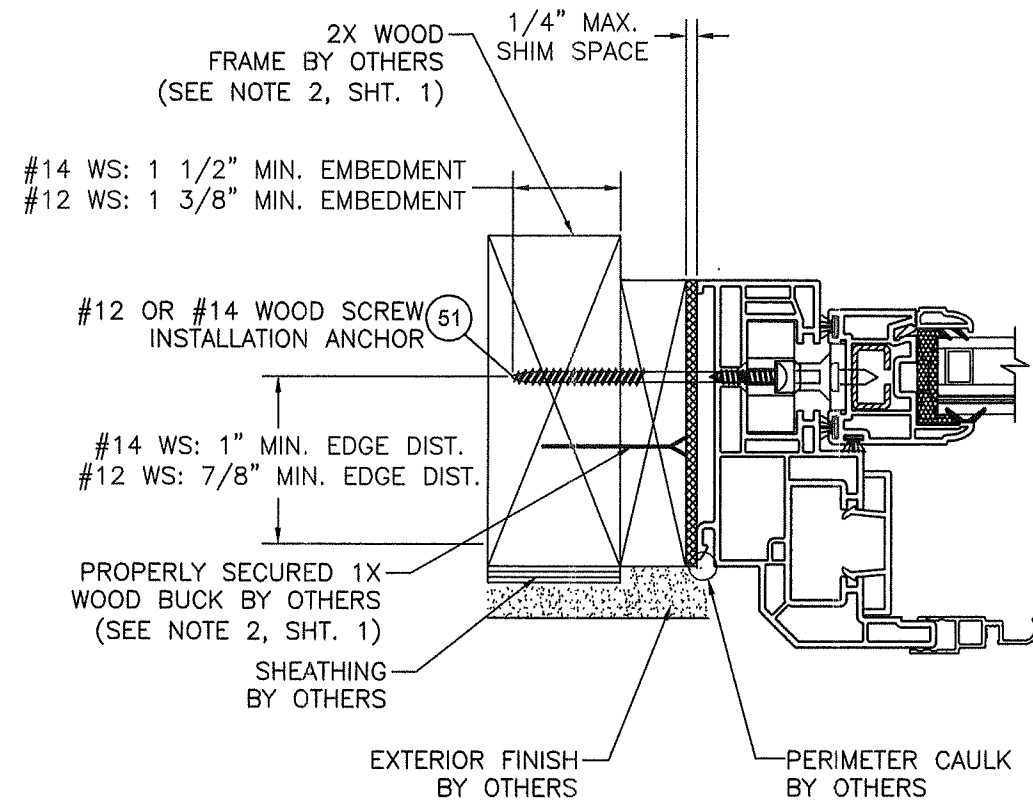
DRAWN BY: BB	DATE: 1/12/09
SCALE: N.T.S.	DRAWING NO: RPLS0062
REV: M	SHEET: 7 OF 10

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

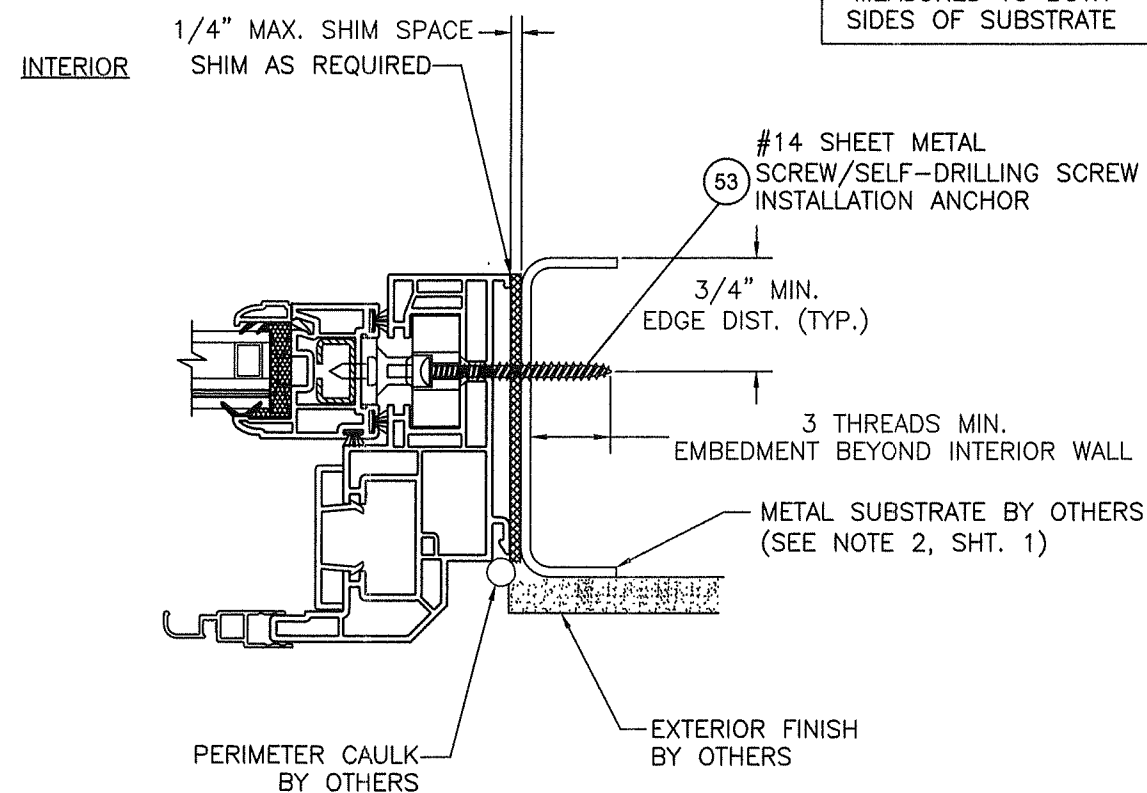


PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0929.12**
Expiration Date: **07/22/2025**
By: *Manuel Perez*
Miami-Dade Product Control



C VERTICAL SECTION
WOOD SUBSTRATE

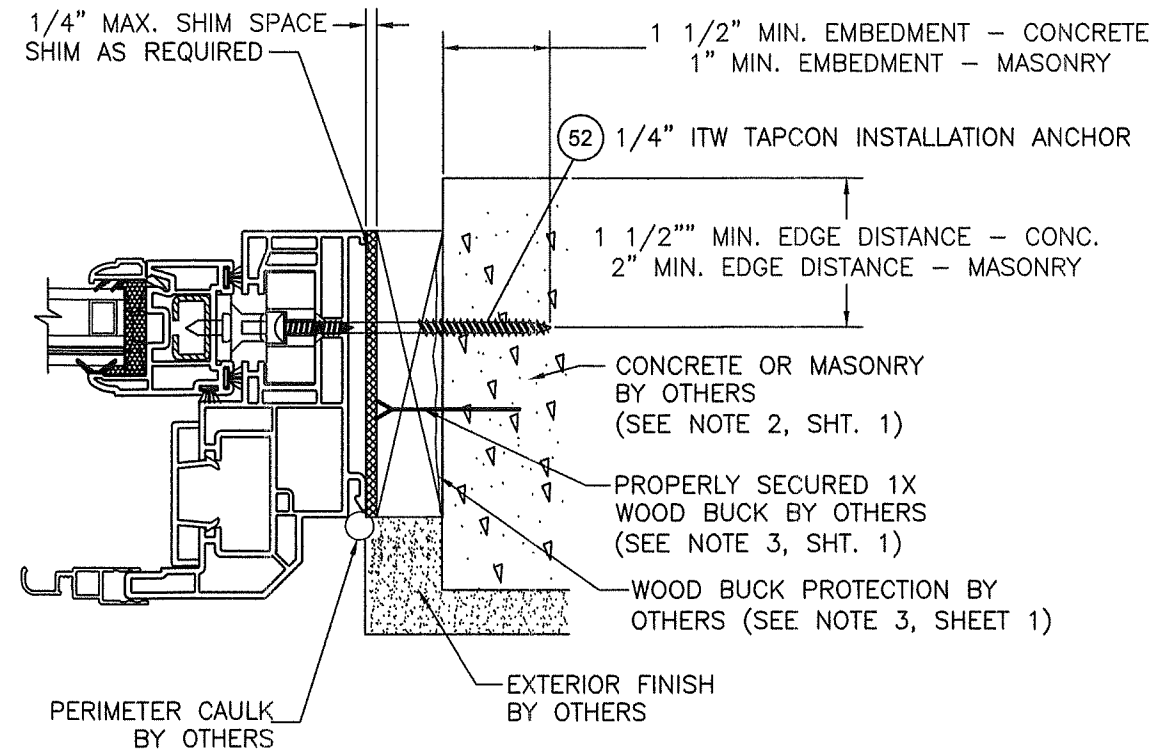
ANCHOR-TO-SUBSTRATE
EDGE DISTANCES ARE
TYPICAL AND
MEASURED TO BOTH
SIDES OF SUBSTRATE



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

DATE	BY
6/6/23	RJA
10/20/20	RJA
5/13/20	RJA
DATE	BY

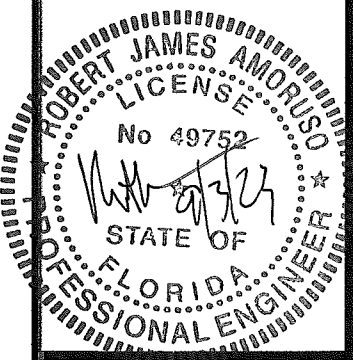
DESCRIPTION	REV
UPDATE TO 8TH EDITION (2023) FBC	M
UPDATE TO 7TH EDITION (2020) FBC	L
REVISED, NEW ANCHORAGE AND FRAME PROFILE	K
DESCRIPTION	REV

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

TITLE: SERIES 5000 VINYL SINGLE HUNG WINDOW - LMI
WOOD, CONCRETE/MASONRY & METAL SUBSTRATE ANCHORAGE

DATE: 1/12/09
DRAWING NO: RPLS0062
SHEET: 8 OF 10
REV: M
N.T.S.
BB
SCALE: 1/2\"/>

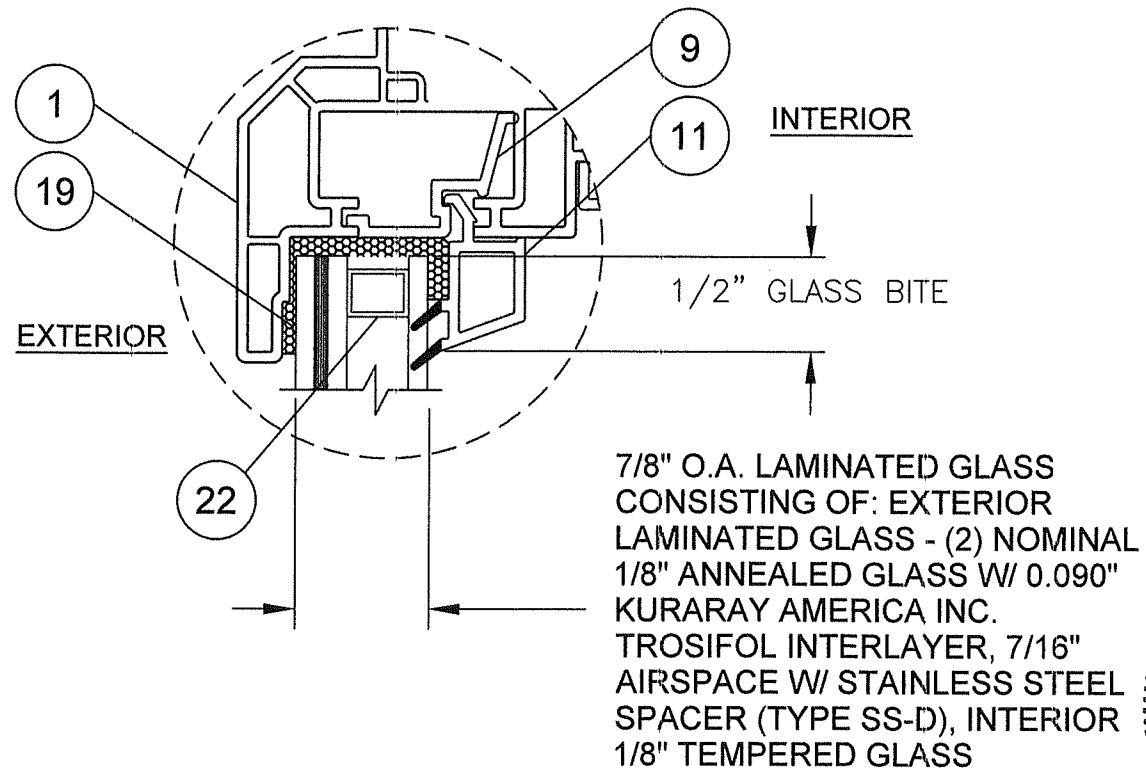
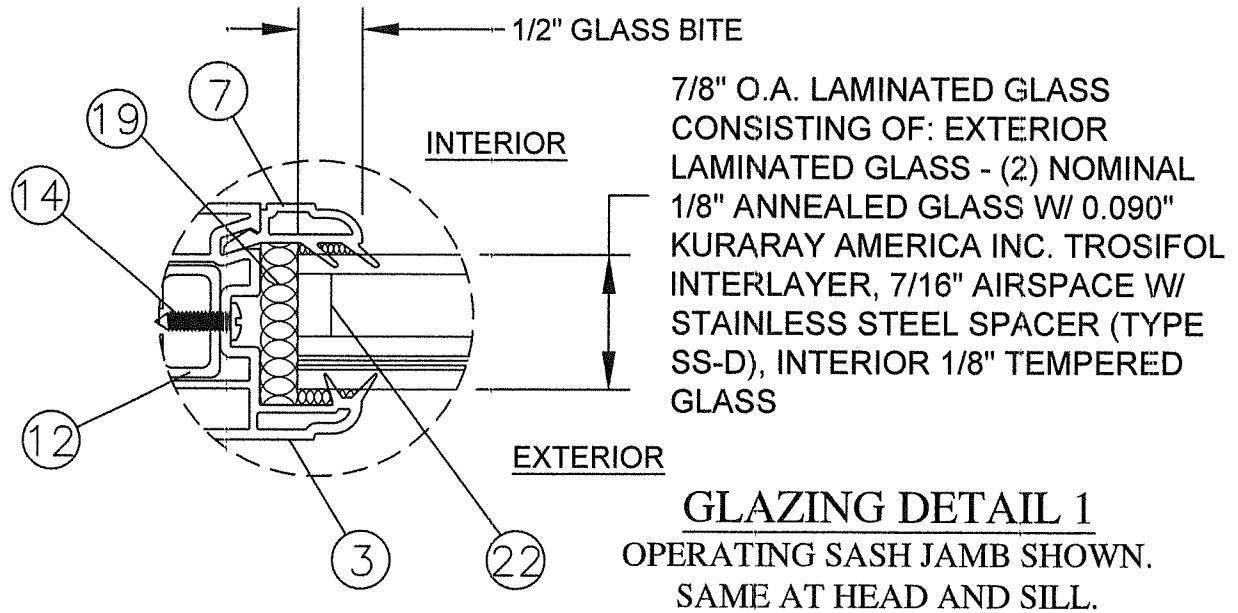
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Series 5000 Single Hung / Bill of Material				
Item No.	Description	Part Numbers	Supplier	Material or Note
Frame Components				
1	Master Frame	IV White 7780	Vision Extr. Grp. LTD	White PVC (2)
2	Impost Mullion Fixed Center Section (Fixed Meeting Rail)	IV White 1063 / 7735	Vision Extr. Grp. LTD	White PVC (2)
3	Sash Frame (Operating Sash)	IV White 1282 / 7750	Vision Extr. Grp. LTD	White PVC (2)
4	Sash Stop Frame Cover Head	IV White 1070 / 7736	Vision Extr. Grp. LTD	White PVC (2)
5	Sloped Sill	IV White 1181 / 7738	Vision Extr. Grp. LTD	White PVC (2)
6	Glazing Liftrail Handle (Operating Sashes)	IV White 1068 / 7747	Vision Extr. Grp. LTD	White PVC (2)
7	Glazing Bead Stop (Operating Sashes)	IV White 1067 / 7745	Vision Extr. Grp. LTD	White PVC (2)
8	Interlock Cover (Operating Sashes)	IV White 1180 / 7727	Vision Extr. Grp. LTD	White PVC (2)
9	Pocket Insert / Fixed Center Section	IV White 1079 / 7737	Vision Extr. Grp. LTD	White PVC (2)
10	Glazing Bead (Fixed Center Section) / Fixed Meeting Rail	IV White 1080 / 7753	Vision Extr. Grp. LTD	White PVC (2)
11	Glazing Bead (Fixed Center Section)	IV White 1103 / 7726	Vision Extr. Grp. LTD	White PVC (2)
Reinforcement				
12	Operating Sash / Lock Sash / Impact Lock Top & Bottom / Heavy Rebar	ST-226-144-0.052	Hygrade Metals	.06" Galv. (1)
13	Impost Mullion (Fixed Meeting Rail)	ST-888-168-0.062	Hygrade Metals	.05" Galv. (1)
14	# 6 x 5/8" Tek / Sash Reinforcement Fastener	117595	GLF Corporation	
Weatherstripping				
15	.210 x .300 Fin Seal Pocket Cover	W23303NW0000	Ultra-Fab	
16	.200 x .340 H-Bulb Seal Sash Frame	E20718WN2020	Ultra-Fab	
17	.187 x .300 Fin Seal Interlock Cover	W23301NW0000	Ultra-Fab	
18	.270 x .220 Fin Seal Sash Frame / Single Leg Screen Frame	W112257W0000	Ultra-Fab	
Glazing				
19	Wet Glaze (Operating Sash)	552 Sikaflex Black	Sika US	
20	Operating Lock Sash E366 2.7mm / 0.9.0 PVB Interlayer IG	Hurricane Laminat Impact	Cardinal	
20	Fixed Keeper Sash E366 2.7mm / 0.9.0 PVB Interlayer IG	Hurricane Laminat Impact	Cardinal	
21	Glass Setting Blocks Sash	2NB-8K-0.125-032-064	Frank Lowe	
22	ENDUR IG with XL Edge SS Spacer (SS-D TYPE)	---	Cardinal	Stainless Steel
Screen Components (not all components ID'ed in section views)				
23	Single Leg Frame New White	06516NEW192	Shapes Unlimited	
24	Double Leg Frame New White	06515NEW192	Shapes Unlimited	
25	Tension Springs	2584	Adept	
26	Fiberglass Screen Cloth Charcoal / 60" x 96'	3002606	Phiifer	
27	Screen Spline (H / W)	EX-FLX-Q165-BK	Imperial Plastic USA	
28	Aluminum Corner Keys	CK252X260	Hygrade Metals	
Misc. Components, Hardware and Hardware Fasteners (not all components ID'ed in section views)				
29	Weep Hole Cover White	H-808WHZ	Product Design	
30	Push Guides White / Screen Frame	H-H707WHZ	Product Design	
31	Interlock Cover (Operating Sash) / Lock Sash	HH-66 Vinyl Cement	RH Products	
32	29 lb. 3 Coil / 984 Series / Constant Force Balance	803829	Amesbury / Truth	
33	Liftrail End Caps White	00156-C001	S.I.L. Plastic	
34	Stainless Steel Staples 3/8 x 1/2 Sash	BEA 80/10	Smith Staple	
35	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	W0511022	Lindenmeyr	
36	.75 White Balance Plug	21300-00077	Lamatek	
37	Hurricane Grade Spring	CS025	James Spring Wire	
38	Accessory Parts Installation Translucent	02-MX0150010C2	Novagard Silicones	
39	Hurricane Tilt Latch	1057A-003-EW	Vision Industries	Used to secure operating sash to master frame.
40	Safe Seal Lock	3220SS-003-EW	Vision Industries	
41	Safe Seal Keeper	8292A-003-EW	Vision Industries	
42	Pivot Bars / T-Shaped Head	6987	Vision Industries	
43	CAM Type Sweep Lock	3220SS -003-EW	Truth Hardware	
44	# 5/32" Tri-Rivet .040 /275 Grip / Sash Pivot Bars	112003	GLF Corporation	
45	# 8-18 x 0.850 Flat Wafer Shoulder / Sash / Hurricane Latch	137341	GLF Corporation	
46	# 8 x 1 1/4" Tek White / Locks	120376	GLF Corporation	
47	# 6 x 1" Tek White / Keepers	116821	GLF Corporation	
48	# 8 x 3/4" Tek / Pan Head (Balance Shoes)	120766	GLF Corporation	
49	# 12 x 3" Flat / Installation Screws	401168	GLF Corporation	
50	Face Mounted Keeper	Steel	Truth Hardware	
Installation Fasteners				
51	#12 OR #14 WOOD SCREW	n/a	n/a	Steel
52	1/4" ADVANCED THREADFORM TAPCON	n/a	ITW	Steel
53	#14 SHEET METAL OR SELF-DRILLING SCREW	n/a	n/a	Steel

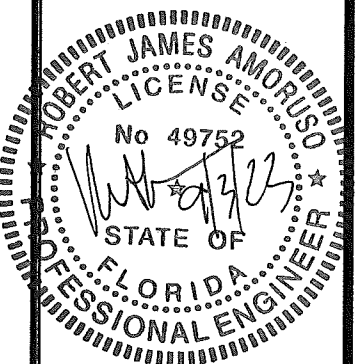
(1) Hygrade Metals Specification: AISI 1005 to 1010, CS Type A and B, 30 ksi to 50 ksi Yield Strength, G40 Galvanized
(2) VISION EXTRUSIONS GROUP LIMITED PER CURRENT MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).



PROJECT #422-0617	RJA				
	6/6/23				
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	RJA				
	10/20/20				
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	L				
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	5/13/20				
	REVISED, NEW ANCHORAGE AND FRAME PROFILE				
	K				
	BY				
	DATE				
	DESCRIPTION				
	REV				

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	SERIES 5000 VINYL SINGLE HUNG WINDOW - LMI			
	BILL OF MATERIALS & GLAZING DETAILS			
	DRAWN BY: BB	DATE: 1/12/09	DRAWING NO: RPLS0062	SHEET: 10 OF 10
	SCALE: N.T.S.	REV: M	PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Cert. of Auth. No. 25935	

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