


[DBPR HOME](#) | [ABOUT DBPR](#) | [DBPR DIVISIONS](#) | [CONTACT DBPR](#)
[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [Contact Us](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)

Product Approval
 USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

 OFFICE OF THE
 SECRETARY

FL #	FL11411-R7
Application Type	Revision
Code Version	2017
Application Status	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments
 Archived

Product Manufacturer
 Address/Phone/Email

Regency Plus Inc
 2000 Locust Gap Highway
 Mount Carmel, PA 17851
 (570) 339-3374
 tony@cwbyrpi.com

Authorized Signature

Tony Procopio
 tony@cwbyrpi.com

Technical Representative
 Address/Phone/Email

Joe Korzeniecki
 2000 Locust Gap Hwy.
 Mount Carmel, SD 17851
 (570) 339-3374
 joek@window-pros.info

Quality Assurance Representative
 Address/Phone/Email

Joe Korzeniecki
 2000 Locust Gap Hwy.
 Mount Carmel, PA 17851
 (570) 339-3374
 joek@window-pros.info

Category
 Subcategory

Windows
Horizontal Slider

Compliance Method

Certification Mark or Listing

Certification Agency
 Validated By

National Accreditation & Management Institute
 National Accreditation & Management Institute

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/NWWDA101/I.S.2-97	1997
TAS 201	1994
TAS 202	1994
TAS 203	1994

Equivalence of Product Standards
 Certified By

Florida Licensed Professional Engineer or Architect
[FL11411 R7 Equiv EERN02520 Rev1 FL11411 2000 5405 HS ss.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

05/12/2019

Date Validated

05/14/2019

Date Pending FBC Approval

Date Approved

05/16/2019

Summary of Products

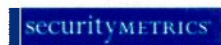
FL #	Model, Number or Name	Description
11411.1	Series 2000	Series 2000 Vinyl Horizontal Sliding Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other:		Certification Agency Certificate FL11411 R7 C CAC NI006137-R8.pdf Quality Assurance Contract Expiration Date 03/31/2021 Installation Instructions FL11411 R7 II RPLS0055 RevB 2000 HS_XOX ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11411 R7 AE PERNo2520 Rev1 FL11411 2000 5405 HS ss.pdf Created by Independent Third Party: Yes
11411.2	Series 5405	Series 5405 Impact Vinyl Horizontal Sliding Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-55 Other:		Certification Agency Certificate FL11411 R7 C CAC NI006383-R3.pdf Quality Assurance Contract Expiration Date 11/30/2021 Installation Instructions FL11411 R7 II RPLS0056 RevC 5405 HS_XO ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11411 R7 AE PERNo2520 Rev0 FL11411 2000 5405 HS ss.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)[Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824](#)The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida.](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:

Credit Card

Safe

REGENCY PLUS, INC.

SERIES 2000 VINYL HORIZONTAL SLIDING WINDOW

INSTALLATION ANCHORAGE DETAILS

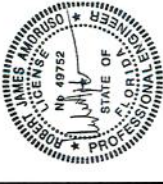
NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WOOD FRAMING, 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. WHERE 1X BUCKS ARE USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHERE 1X BUCK IS NOT USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME INTO CONCRETE/MASONRY SUBSTRATE. 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.
- THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO AAMA/NWDA 101/II.S.2.97. SEE TEST REPORT NO. NCTL-210-2661-2 DATED 4/6/01 BY NATIONAL CERTIFIED TESTING LABORATORIES, ORLANDO, FL FOR DETAILS.
- MATERIAL:
 - 5.1. FRAME: EXTRUDED RIGID PVC.
 - 5.2. REINFORCEMENT: GALVANIZED STEEL TUBE - CENTER HOLLOW OF ACTIVE PANEL MEMBERS (RAILS AND STILES).
- GLAZING:
 - 6.1. GLAZING DETAIL AS TESTED: 7/8" NOMINAL O.A. IGU COMPRISED OF 2 LITES OF 1/8" TEMPERED GLASS AND DESICCANT STEEL SPACER. ACTIVE PANELS INTERIOR GLAZED USING SEALED INSULATING GLASS WITH A DUAL DUROMETER BACK BEDDING AND A SNAP-IN RIGID DOUBLE LEAFED DUAL DUROMETER RIGID VINYL GLAZING BEAD. FIXED PANEL INTERIOR GLAZED WITH A FOAM TAPE BACK BEDDING AND A SNAP-IN DOUBLE LEAFED DUAL DUROMETER RIGID VINYL GLAZING BEAD.
 - 6.2. AS TESTED GLAZING MEETS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
 - 6.3. ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMA/NWDA/CSA 101/II.S.2/4440 SHALL BE ALLOWED PER ASTM E1300.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 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 3/16" HEX HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO METAL STRUCTURE USE #10 PAN OR HEX HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- 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)
 - 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 STRUCTURE: STEEL 18GA (0.0428"), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM
- APPROVED CONFIGURATIONS: XOx, OX AND XO.

TABLE OF CONTENTS

SHEET	DESCRIPTION
1	NOTES
2	ELEVATION & ANCHORING
3	INSTALLATION DETAILS

PROJECT #417-0906		REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		TITLE	
SERIES 2000 VINYL HORIZONTAL SLIDING WINDOW		NOTES		PREPARED BY:	
DATE: 1/11/18		DRAWN BY: RJA		SCALE: N.T.S.	
SHEET: RPL50055		RPL50055		REV:	
B		UPDATE TO CURRENT EDITION OF FBC		1/22/18	
RJA					



Digitally signed
by Robert J
Amoroso
Date: 2018.02.01
13:33:02 -05'00'

PTC Product Design Group, L1
PO Box 520775
Longwood, FL 32752-0775
321.690.1788 info@ptcdesign.com
FBPE Certificate of Authorization
No. 25935

INSTALLATION NOTES:

- APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:
 - WOOD FRAMING
 - STEEL STUD FRAMING AND CONCRETE AND/OR MASONRY
- SUBSTRATE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL WHERE 1X BUCK IS NOT USED. 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".
- SUBSTRATE ANCHORING METHODS:
 - FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" HEX HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
 - FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
 - FOR ANCHORING INTO METAL STRUCTURE USE #10 PAN OR HEX HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. 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.

INSTALLATION ANCHOR. WOOD SCREW SHOWN. SEE NOTE 5 THIS SHEET FOR ANCHOR TYPE REQUIRED.

MIN. EMBEDMENT. SEE NOTE 5 THIS SHEET.

INSTALLATION SUBSTRATE BY OTHERS. SEE NOTES 1 TO 3 THIS SHEET.

PERIMETER SEAL BY OTHERS

WINDOW HEIGHT

INTERIOR

EXTERIOR

MIN. EMBEDMENT. SEE NOTE 5 THIS SHEET.

INSTALLATION ANCHOR. WOOD SCREW SHOWN. SEE NOTE 5 THIS SHEET FOR ANCHOR TYPE REQUIRED.

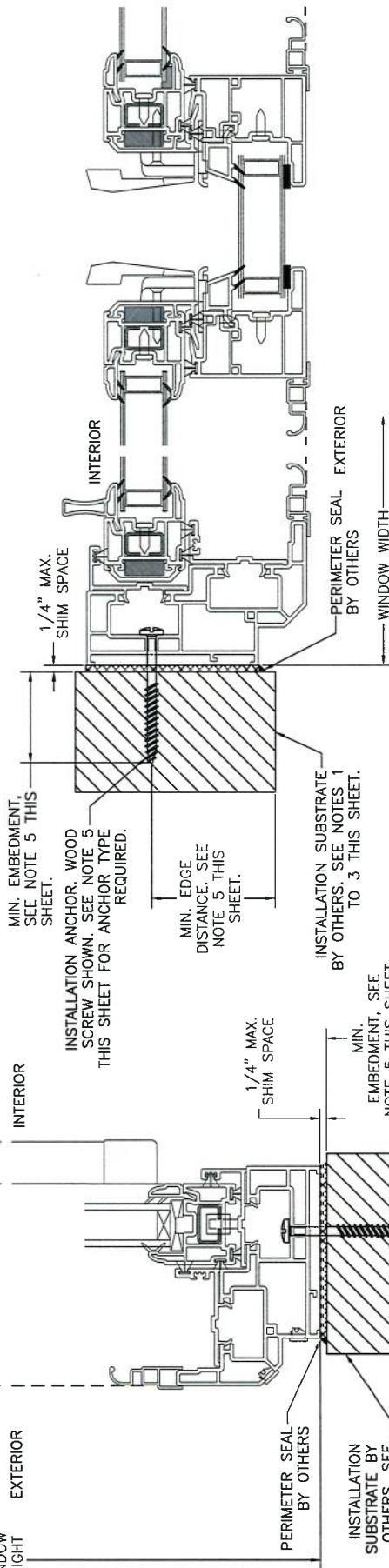
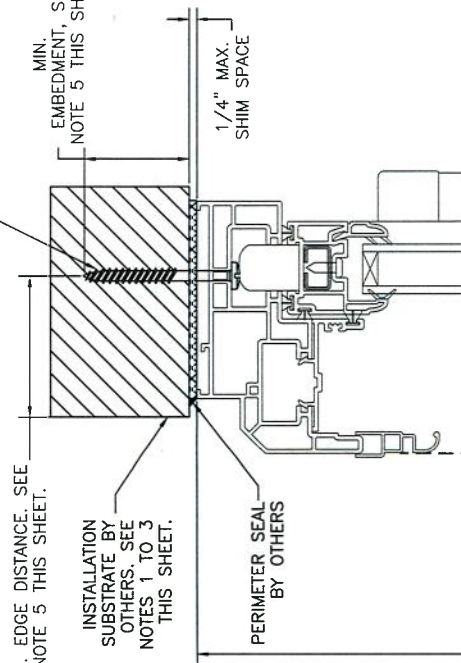
MIN. EDGE DISTANCE. SEE NOTE 5 THIS SHEET.

INSTALLATION SUBSTRATE BY OTHERS. SEE NOTES 1 TO 3 THIS SHEET.

MIN. EMBEDMENT. SEE NOTE 5 THIS SHEET.

INSTALLATION ANCHOR. WOOD SCREW SHOWN. SEE NOTE 5 THIS SHEET FOR ANCHOR TYPE REQUIRED.

VERTICAL CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED



HORIZONTAL (JAMB) CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED

PROJECT #417-0906	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
REGENCY PLUS, INC.	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
2000 LOCUST GAP HIGHWAY	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
MT. CARMEL, PA 17851	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
SERIES 2000 VINYL HORIZONTAL SLIDING WINDOW	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
INSTALLATION DETAILS	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
PREPARED BY:	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
REVISIONS	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
EDITION OF RBC	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
1/22/18	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
1/22/18	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055

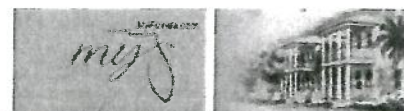
REVISIONS	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
EDITION OF RBC	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
1/22/18	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055
1/22/18	DATE: 1/1/18	SCALE: N.T.S.	SHEET: RPL00055

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



Digitally signed
by Robert J
Amoroso
Date: 2018.02.01
13:33:27 -05'00'

PTC Product Design Group, LLC
PO Box 5075
Longwood, FL 32750-0775
321-690-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 25935



[BCIS Home](#) |
 [Log In](#) |
 [User Registration](#) |
 [Hot Topics](#) |
 [Submit Surcharge](#) |
 [Stats & Facts](#) |
 [Publications](#) |
 [Contact Us](#) |
 [BCIS Site Map](#) |
 [Links](#) |
 [Search](#)



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #

FL11479-R4

Application Type

Revision

Code Version

2017

Application Status

Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments

Archived

Product Manufacturer

Regency Plus Incorporated

Address/Phone/Email

2000 Locust Gap Highway
Mount Carmel, PA 17851
(570) 339-3374
tonyp@conservationwindows.com

Authorized Signature

Tony Procopio
tonyp@conservationwindows.com

Technical Representative

Tony Procopio

Address/Phone/Email

2000 Locust Gap Hwy
Mount Carmel, PA 17851
(570) 339-3374
tony@cwbyrpi.com

Quality Assurance Representative

Joe Korzeniecki

Address/Phone/Email

2000 Locust Gap Hwy.
Mount Carmel, PA 17851
(570) 339-3374
joek@window-pros.info

Category

Windows

Subcategory

Mullions

Compliance Method

Certification Mark or Listing

Certification Agency

National Accreditation & Management Institute

Validated By

National Accreditation & Management Institute

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 450

2010

AAMA/WDMA/CSA 101/I.S.2/A440

2005

ASTM E1886

2005

ASTM E1996

2002

TAS 201

1994

TAS 202

1994

TAS 203

1994

Equivalence of Product Standards

Certified By

Florida Licensed Professional Engineer or Architect

FL11479 R4 Equiv EERNo2522 Rev0 FL11479 Mullions ss.pdf

Product Approval Method

Method 1 Option A

Date Submitted

01/06/2018

Date Validated

01/10/2018

Date Pending FBC Approval

Date Approved

01/17/2018

Summary of Products

FL #	Model, Number or Name	Description
11479.1	TECH 5000 IMPACT MULLION	TECH 5000 IMPACT MULLION
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +70/-70 Other:		Certification Agency Certificate FL11479 R4 C CAC NI007051-R4.pdf Quality Assurance Contract Expiration Date 12/31/2020 Installation Instructions FL11479 R4 II RPLS0057 RevA SERIES-5000-MULLIONS ss.pdf Verified By: Robert J. Amoruso, P.E. FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11479 R4 AE PERNo2522 Rev0 FL11479 Mullions ss.pdf Created by Independent Third Party: Yes
11479.2	TECH 5000 T IMPACT MULLION	TECH 5000 T IMPACT MULLION
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +70/-70 Other:		Certification Agency Certificate FL11479 R4 C CAC NI007050-R3.pdf Quality Assurance Contract Expiration Date 02/28/2021 Installation Instructions FL11479 R4 II RPLS0058 RevA SERIES-5000-T-MULLIONS ss.pdf Verified By: Robert J. Amoruso, P.E. FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11479 R4 AE PERNo2522 Rev0 FL11479 Mullions ss.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)

Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: [850-487-1824](#)

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:

Credit Card
Safe

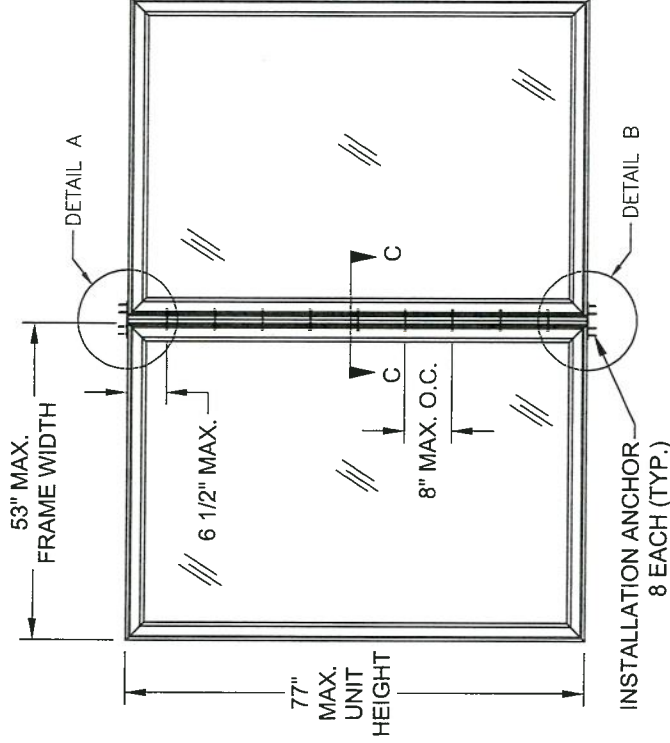
SECURITYMETRICS

REGENCY PLUS, INC.

SERIES TECH 5000 IMPACT MULLION SYSTEM

INSTALLATION MULLION ANCHORAGE DETAILS

- NOTES:
1. THE PRODUCT SHOWN HAS BEEN TESTED, EVALUATED AND DESIGNED TO COMPLY WITH REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
 2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON THE FOLLOWING SIGNED AND SEALED TEST REPORTS AND ASSOCIATED LABORATORY DRAWINGS BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA.
 - 2.1. NCTL-110-10616-1, AAMAWDMA/GSA 101/LS.2/A440
 - 2.2. NCTL-110-10616-2, TAS 201, TAS 202 AND TAS 203
 - 2.3. NCTL-110-10616-3, ASTM E1886 & ASTM E1996
 3. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 4. INSTALLER/CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY OF WINDOW OPENING AND ALL WOOD FRAMING AROUND WINDOW.
 5. RESPONSIBILITY OF SELECTING FENESTRATION PRODUCTS TO MEET ANY APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES OR OTHER SAFETY REQUIREMENTS REST SOLELY WITH THE ARCHITECT, ENGINEER OF RECORD, BUILDING OWNER OR CONTRACTOR. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
 6. DESIGN PRESSURE AND INSTALLATION DETAILS SHOWN IN THIS DOCUMENT APPLY ONLY TO THE MULLION. WINDOWS MUST BE APPROVED UNDER SEPARATE PRODUCT APPROVAL.
 7. SINGLE UNITS TO BE MULLED ARE NOT LIMITED TO THOSE SHOWN IN THIS DRAWING. SINGLE UNITS TO BE MULLED TOGETHER MUST BE MANUFACTURED BY REGENCY PLUS, INC. AND MUST BE MADE OF VINYL PVC. FIXED WINDOW SHOWN; OTHER WINDOW TYPES APPROVED.
 8. DESIGN PRESSURE OF MULLED UNIT SHALL BE CONTROLLED BY THE LESSER DESIGN PRESSURE OF THE MULLION OR THE INDIVIDUAL WINDOW UNIT.
 9. TWIN CONFIGURATION SHOWN. UNITS MAY BE MULLED TOGETHER INDEFINITELY IF THE SINGLE UNIT WIDTH AND THE SINGLE UNIT HEIGHT ARE NOT EXCEEDED, AND MULLION IS ANCHORED AS SHOWN IN THIS INSTALLATION DRAWING.
 10. MULLION VERTICAL INSTALLATION SHOWN. MULLION MAY BE USED IN HORIZONTAL APPLICATIONS IF DIMENSIONS SHOWN ARE NOT EXCEEDED AND MULLION IS ANCHORED ACCORDING TO THIS INSTALLATION INSTRUCTION.



SERIES TECH 5000 IMPACT MULLION
SEE NOTES 7 & 10 FOR APPROVED CONFIGURATIONS
EXTERIOR ELEVATION
(SEE INSTALLATION NOTE 3 ON SHEET 2)

MAXIMUM WINDOW UNIT SIZE	PERFORMANCE RATING		IMPACT RATING (SEE GENERAL NOTE 5)
	MULLION ORIENTATION	DESIGN PRESSURE (PSF)	
53" X 72"	VERTICAL (SHOWN)	+/- 70	LARGE MISSILE IMPACT; HVHZ WIND ZONE 4, MISSILE LEVEL D, NON-HVHZ
72" X 53"	HORIZONTAL (NOTE 10)		

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATION AND GENERAL NOTES
2	CROSS SECTIONS, BOM AND INSTALLATION DETAILS
3	COMPONENTS

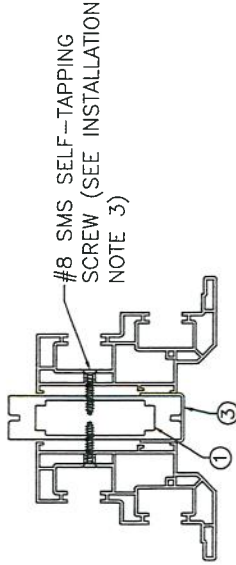
Robert J. Amoruso, P.E.
Florida P.E. No. 48752



Digitally signed by
Robert J. Amoruso
Date: 2018.01.09
10:17:48 -05'00'

PROJECT # 417-0906		REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	
SERIES TECH 5000 IMPACT MULLION SYSTEM ELEVATION AND GENERAL NOTES		DRAWN BY: RJA DATE: 1/4/18	
1 OF 3		SCALE: N.T.S. SHEET: RPLS0057	
REV	DESCRIPTION	DATE	BY
A	REVISED ISSUE	1/4/18	RJA

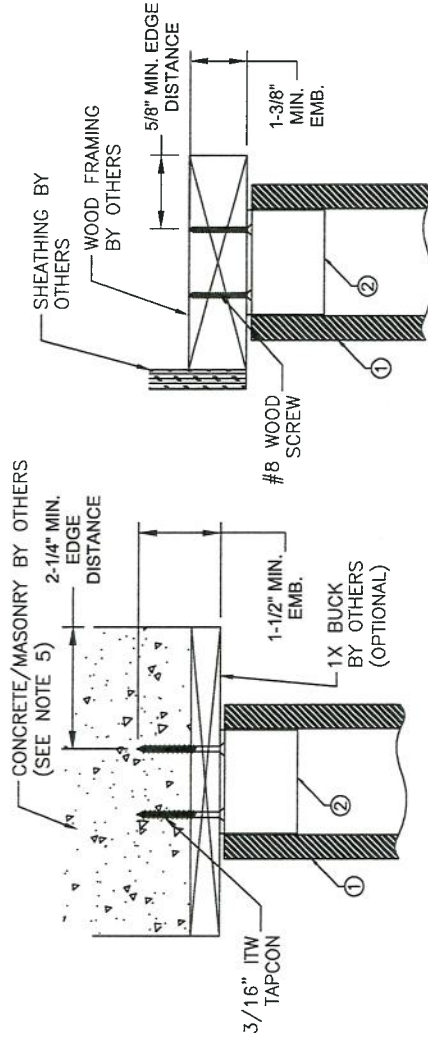
PARTS LIST		
NO.	PART NUMBER	DESCRIPTION
1	A118-02P078	4" ALUMINUM MULLION
2	A116-02M078	MULLION CONNECTOR (CLIP)
3		MULLION CAP



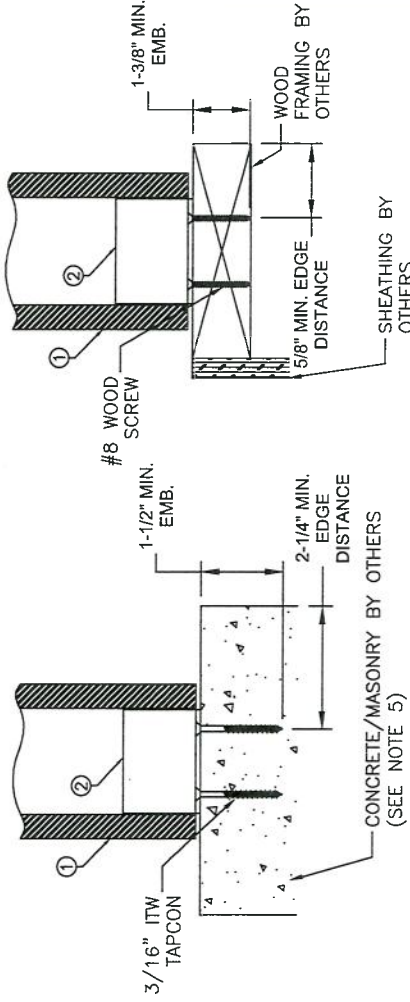
SECTION C-C
FIXED WINDOW FRAME SHOWN
FOR REFERENCE (SEE GENERAL
NOTE 7 ON SHEET 1)

INSTALLATION NOTES:

1. FOR ANCHORING INTO CONCRETE OR MASONRY USE FOUR (4) 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2-1/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS. USE CLIP'S DIAGONAL HOLES TO INSTALL TAPCONS.
2. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE EIGHT (8) #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS.
3. FOR ATTACHING WINDOW UNITS TO MULLION USE MINIMUM #8 SMS SELF-TAPPING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF THREE THREADS PAST MULLION WALL. LOCATE SCREWS AS SHOWN IN ANCHOR ELEVATION ON SHEET 1 AS MINIMUM.
 - 3.1. SEE NOTE 4 FOR ADDITIONAL REQUIREMENTS.
4. FOR WINDOW UNITS ANCHORING SCHEDULE REFER TO WINDOW APPROVED INSTALLATION INSTRUCTIONS.
 - 4.1. IF WINDOW APPROVED INSTALLATION INSTRUCTIONS REQUIRE SCREWS GREATER IN DIAMETER/SIZE THAN #8 OR ANCHOR SPACING SMALLER THAN THAT SHOWN IN SHEET 1 ELEVATION, APPROVED INSTALLATION INSTRUCTIONS SHALL GOVERN OVER NOTE 3 REQUIREMENTS.
5. FOR VERTICAL MULLION INSTALLATIONS, HEAD AND SILL SUBSTRATES WILL GENERALLY BE CONCRETE HEADER OR FOOTERS/PRE-CAST SILLS, ETC. FOR HORIZONTAL MULLION INSTALLATIONS, JAMB SUBSTRATES CAN BE EITHER CONCRETE OR MASONRY (CMU).



DETAIL A
CONCRETE/MASONRY FRAMING
TOP CLIP INSTALLATION
(SEE NOTE 1, SHEET 2)



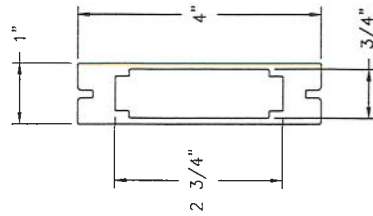
DETAIL B
CONCRETE/MASONRY FRAMING
TOP CLIP INSTALLATION
(SEE NOTE 1, SHEET 2)

PROJECT # 417-0906		REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		SERIES TECH 5000 IMPACT MULLION SYSTEM CROSS SECTIONS, BOM AND INSTALLATION DETAILS	
REV	DESCRIPTION	DATE	BY	DATE	BY
A	REVISED ISSUE	1/4/18	RJA		
2 OF 3					

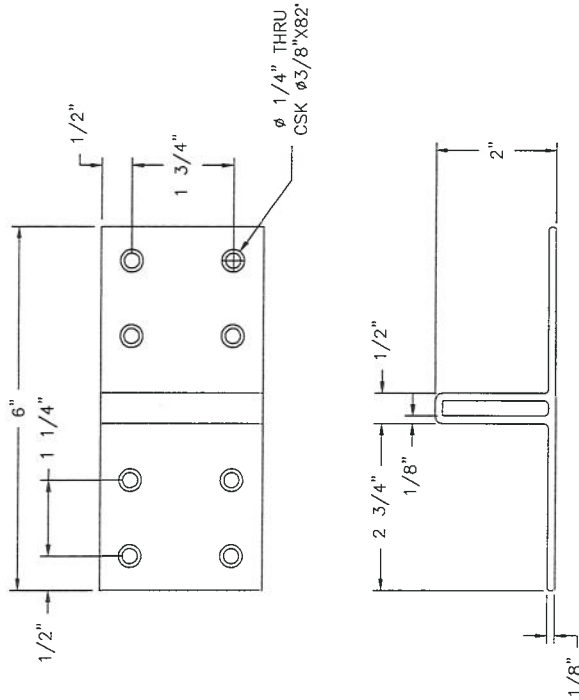
Robert J. Amoroso, P.E.
Florida P.E. No. 48752



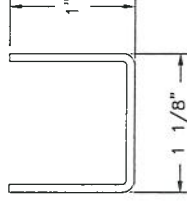
Digitally signed by
Robert J. Amoroso
Date: 2018.01.09
10:18:02 -05'00'



① **4" MULLION**
ALUMINUM 6063-T6



② **MULLION CONNECTOR (CLIP)**
ALUMINUM 6063-T6



③ **MULLION CLIP**
VINYL PVC 0.065" THICK

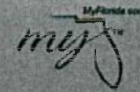
PROJECT # 417-0906		REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		SERIES TECH 5000 IMPACT MULLION SYSTEM COMPONENTS		DRAWN BY: RJA DATE: 1/4/18		SCALE: N.T.S. SHEET: RPLS0057		REV: A 3 OF 3		DESCRIPTION		DATE	BY
PROJECT # 417-0906		REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		SERIES TECH 5000 IMPACT MULLION SYSTEM COMPONENTS		DRAWN BY: RJA DATE: 1/4/18		SCALE: N.T.S. SHEET: RPLS0057		REV: A 3 OF 3		DESCRIPTION		DATE	BY

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



Digitally signed by
Robert J Amoroso
Date: 2018.01.09
10:18:17 -05'00'

FLORIDA DEPARTMENT OF
Business & Professional Regulation



[DBPR HOME](#) [ABOUT DBPR](#) [DBPR DIVISIONS](#) [CONTACT DBPR](#)

[BCIS Home](#) [Log In](#) [User Registration](#) [Hot Topics](#) [Submit Surcharge](#) [Stats & Facts](#) [Publications](#) [Contact Us](#) [BCIS Site Map](#) [Links](#) [Search](#)



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #	FL28486-R1
Application Type	Revision
Code Version	2017
Application Status	Approved
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.
Comments	
Archived	☐
Product Manufacturer	Regency Plus Inc
Address/Phone/Email	2000 Locust Gap Highway Mount Carmel, PA 17851 (570) 339-3374 tony@cwbyrpi.com
Authorized Signature	Tony Procopio tony@cwbyrpi.com
Technical Representative	Tony Procopio
Address/Phone/Email	2000 Locust Gap Hwy Mount Carmel, PA 17851 (570) 339-3374 tony@cwbyrpi.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Double Hung
Compliance Method	Certification Mark or Listing
Certification Agency	National Accreditation & Management Institute
Validated By	National Accreditation & Management Institute
Referenced Standard and Year (of Standard)	<u>Standard</u> AAMA/WDMA/CSA 101/I.S.2/A440
	<u>Year</u> 2011
Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	05/15/2019
Date Validated	05/16/2019
Date Pending FBC Approval	

Date Approved

05/21/2019

Summary of Products

FL #	Model, Number or Name	Description
28486.1	Series 8313 Vinyl Tilt Double Hung Window	Series 8313 Vinyl Tilt Double Hung Window 53" x 77" Non-Impact Through Jamb Anchoring.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:		Certification Agency Certificate FL28486 R1 C CAC NI014261-R1.pdf Quality Assurance Contract Expiration Date 10/31/2022 Installation Instructions FL28486 R1 II RPLS0076 Rev0 Series-8313-DH ss.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL28486 R1 AE PERNo2579 Rev1 FL28486 8313 DH ss.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida.](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW

INSTALLATION ANCHORAGE DETAILS

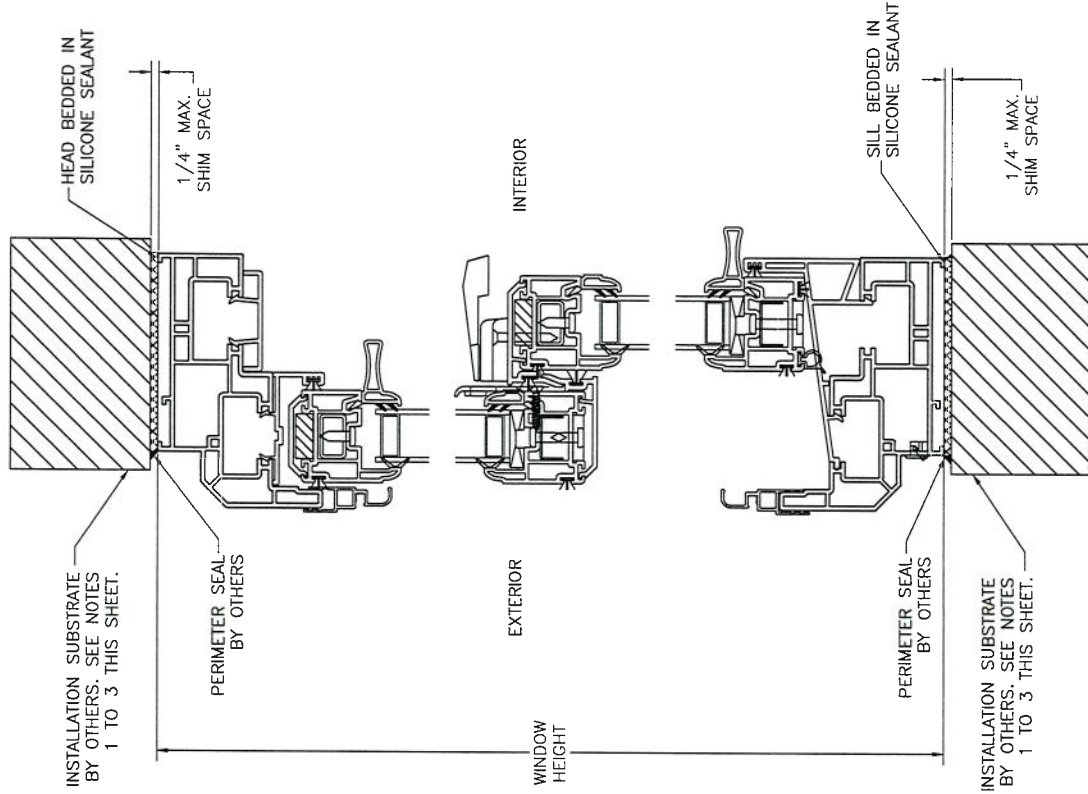


MAXIMUM TOP SASH SIZE: 49.063" X 37.188"; MAXIMUM BOTTOM SASH SIZE: 50" X 37"
MAXIMUM TOP SASH D.L.O.: 45.563" X 33.375"; MAXIMUM BOTTOM SASH D.L.O.: 46.813" X 33.188"
0.938" X 0.25" WEEP HOLE AT 1" FROM EACH END OF EXTERIOR SILL FACE.
1.27" X 0.3" WEEP HOLE AT 3.625" FROM EACH END OF EXTERIOR SILL FACE.
0.375" X 0.375" WEEP HOLE AT EACH END OF INTERIOR SILL TRACK.

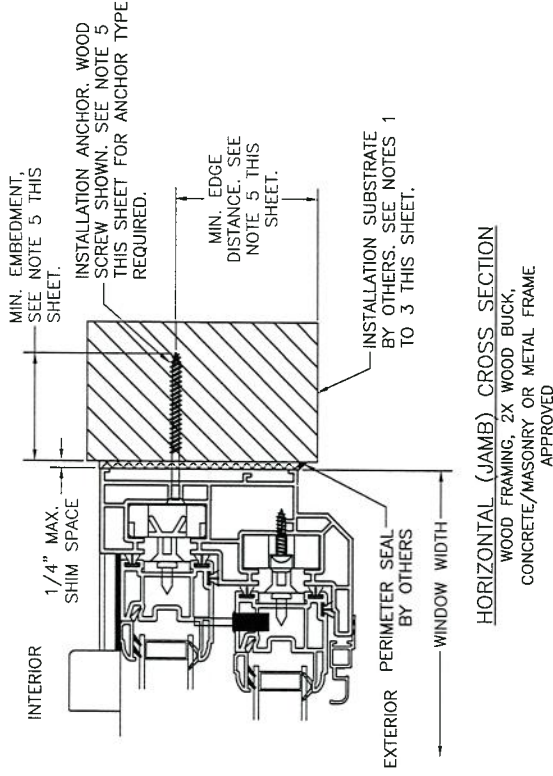
13.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF
13.4. METAL STRUCTURE: STEEL 18GA (0.0428"), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM

TABLE OF CONTENT		DESIGN PRESSURE RATING (PSF)	IMPACT RATING
SHEET	DESCRIPTION		
1	ELEVATION, ANCHORING AND NOTES		
2	INSTALLATION DETAILS		
3	BILL OF MATERIALS	+50.0/-50.0	NONE

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



VERTICAL CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED



HORIZONTAL (JAMB) CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED

INSTALLATION NOTES:

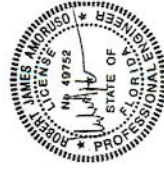
1. APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:
 - 1.1. WOOD FRAMING
 - 1.2. STEEL STUD FRAMING AND
 - 1.3. CONCRETE AND/OR MASONRY
2. SUBSTRATE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHERE 1X BUCK IS NOT USED, 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. 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".
5. SUBSTRATE ANCHORING METHODS:
 - 5.1. FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" FLAT HEAD TAPSCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
 - 5.2. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - 5.3. FOR ANCHORING INTO METAL STRUCTURE USE #10 FLAT HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
6. INTERIOR AND EXTERIOR FINISHES BY OTHERS. NOT SHOWN FOR CLARITY.
7. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED AND/OR SPECIFIED IN ACCORDANCE WITH ASTM E2112.

PROJECT #418-1001

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851
TITLE: SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW
DRAWN BY: RJA
SCALE: N.T.S.
SHEET: RPLS0076
DATE: 11/14/18



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



Digitally signed
by Robert J.
Amoroso, P.E.

Date: 2018.11.2
10:44:42 -05'00'

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-963-1785 info@ptc-usa.com
FSP-CE-00000001
No. 26935

BILL OF MATERIALS

Series Tech 8313 Non-Impact Double Hung / Bill of Material			
Supplier	Part Numbers	Description	Quantity
inergi / Royal	IV White 1060 / 7720	Master Frame (H)	2
inergi / Royal	IV White 1060 / 7720	Master Frame (W)	2
inergi / Royal	IV White 1282 / 7750	Sash Frame (Operating Sash) / (H)	4
inergi / Royal	IV White 1282 / 7750	Sash Frame (Operating Sash) / (W)	4
inergi / Royal	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (H)	4
inergi / Royal	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (W)	2
inergi / Royal	IV White 1068 / 7747	Glazing Lift Rail Handle (Operating Sashes) / (W)	2
inergi / Royal	IV White 1073 / 7724	Pocket Cover Head / (W)	1
inergi / Royal	IV White 1078 / 7725	Sash Cover Head (Keeper Sash) / (W)	1
inergi / Royal	IV White 1180 / 7727	Interlock Cover (Operating Sashes) / (W)	2
inergi / Royal	IV White 1070 / 7736	Sash Stop Frame Cover / (H)	2
inergi / Royal	IV White 1070 / 7736	Sash Stop Frame Cover Head / (W)	1
inergi / Royal	IV White 1181 / 7738	Sloped Sill / (W)	1
Jlira-Fab	W233030NW0000	210 x .300 Fin Seal Pocket Cover (W) / 1073 / 7724 / Frame Head	1
Jlira-Fab	W233030NW0000	210 x .300 Fin Seal Pocket Cover (W) / 1181 / 7738 / Frame Sill	1
Jlira-Fab	W233030NW0000	210 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Keeper Sash	4
Jlira-Fab	W233030NW0000	210 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Lock Sash	4
Jlira-Fab	W233030NW0000	210 x .300 Fin Seal Sash Frame (W) / 1282 / 7750 / Lock Sash	1
Jlira-Fab	W233011NW0000	187 x .340 H-Bulb Seal Sash Frame (W) / 1282 / 7750 / Lock Sash	1
Jlira-Fab	W233011NW0000	187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Keeper Sash	1
Jlira-Fab	W233011NW0000	187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Lock Sash	2
Jlira-Fab	W112257W0000	Single Leg Frame New White	3
Shapes Unlimited	06516NEW192	Double Leg Frame New White	1
Shapes Unlimited	06515NEW192	Tension Springs	2
*Hifer	2884	Fiberglass Screen Cloth Charcoal / 60" x 96"	1
Imperial Plastic USA	EX-FLX-Q165-BK	Screen Spline (H / W)	4
Hygrade Metals	GK25X260	Aluminum Corner Keys	4
Hygrade Metals	ST-226-144-0-052	Operating Sash / (W-1) Lock Sash / Impact Lock Top / Heavy Rebar	1
Hygrade Metals	ST-187-144-0-032	Operating Sash / (W-1) Lock Sash / Bottom / Light Rebar	1

Series Tech 8313 Non-Impact Double Hung / Bill of Material			
Supplier	Part Numbers	Description	Quantity
Hygrade Metals	ST-226-144-0-052	Operating Sash / (W-1) Keeper Sash / Impact Lock Top / Heavy Rebar	1
Hygrade Metals	ST-187-144-0-032	Operating Sash / (W-1) Keeper Sash / Bottom / Light rebar	1
Product Design	H-884	Screen Clip Clear	2
Product Design	H-3150	Screen Clip Clear	2
Product Design	H-808WHZ	Weep Hole Cover White	2
RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Lock Sash (W)	1
RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Keeper Sash (W)	1
Amesbury / Truth	803627	27 lb. 3 Coll / 984 Series / Constant Force Balance	4
S.I.L. Plastic	00156-C001	Liftrail End Caps White	4
Smith Staple	BEA 8010	Stainless Steel Staples 3/8 x 1/2 Sash (W) (H)	20
Lindenmeyr	W0511022	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	2
Lametek	21300-00077	.75 White Balance Spring	4
James Spring Wire	CS025	Hurricane Grade Spring	4
Novagard Silicones	02-MX0150010C2	Accessory Parts Installation Translucent	1
Vision Industries	1057A-003-EW	Hurricane Tilt Latch	4
Vision Industries	3220SS-003-EW	Safe Seal Lock	2
Vision Industries	8292A-003-EW	Safe Seal Keeper	2
Vision Industries	6987	Pivot Bars / T-Shaped Head	4
Frank Lowe	2NB-8K-0.125-032-064	Glass Setting Blocks Sash (W) Top / Sash (H)	12
GLF Corporation	112003	# 5/32" Tri-Rivet .040 275 Gtp / Sash Pivot Bars	4
GLF Corporation	137341	# 8-18 x 0.850 Flat Wafer Shoulder / Sash / Hurricane Latch	4
GLF Corporation	120376	# 8 x 1 1/4" Tek White / Locks	4
GLF Corporation	116821	# 6 x 1" Tek White / Keepers	4
GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (H)	12
GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (W)	12
GLF Corporation	120766	# 8 x 3/4" Tek / Pan Head (Balance Shoes)	4
GLF Corporation	116506	# 5 x 3/8" Tek / Screen Clips White	4
GLF Corporation	401168	# 12 x 3" Flat / Installation Screws	10
Cardinal	Double Strength Tempered	Operating Lock Sash / 3.1 T Q366 / 15.8 FED / 3.1 T	1
Cardinal	Double Strength Tempered	Operating Lock Keeper / 3.1 T Q366 / 15.8 FED / 3.1 T	1

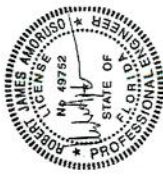
REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW
BILL OF MATERIALS

DATE: 11/14/18
DRAWN BY: RJA
SCALE: N.T.S.
SHEET: RPLS0076



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



Digitally signed
by Robert J.
Amoroso, P.E.
Date: 2018.11.2
10:44:19 -05'00'

PTC Product Design Group, LLC
PO Box 520715
Lakewood, FL 32752-0715
321.680.1181
FBPE Certified Authority
No. 25935

FLORIDA DEPARTMENT OF
Business & Professional Regulation



[DBPR HOME](#) [ABOUT DBPR](#) [DBPR DIVISIONS](#) [CONTACT DBPR](#)

[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [Contact Us](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL # FL11409-R11
Application Type Revision
Code Version 2017
Application Status Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments
Archived

Product Manufacturer Regency Plus Inc
Address/Phone/Email 2000 Locust Gap Highway
Mount Carmel, PA 17851
(570) 339-3374
tony@cwbyrpi.com

Authorized Signature Tony Procopio
tony@cwbyrpi.com

Technical Representative Joe Korzeniecki
Address/Phone/Email 2000 Locust Gap Hwy.
Mount Carmel, SD 17851
(570) 339-3374
joek@window-pros.info

Quality Assurance Representative Joe Korzeniecki
Address/Phone/Email 2000 Locust Gap Hwy.
Mount Carmel, PA 17851
(570) 339-3374
joek@window-pros.info

Category Windows
Subcategory Fixed

Compliance Method Certification Mark or Listing

Certification Agency National Accreditation & Management Institute
Validated By National Accreditation & Management Institute

Referenced Standard and Year (of Standard)	Standard	Year
	AAMA/NWDA101/I.S.2	1997
	AAMA/WDMA/CSA 101/I.S.2/A440	2005
	AAMA/WDMA/CSA 101/I.S.2/A440	2008
	AAMA/WDMA/CSA 101/I.S.2/A440	2011
	ASTM E1886	2005
	ASTM E1996	2009
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994

Equivalence of Product Standards
Certified By

Florida Licensed Professional Engineer or Architect

[FL11409 R11 Equiv FERN02518 Rev1 FL11409 3000-4000 5105 5108 5110 6613 7713 F ss.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

05/12/2019

Date Validated

05/14/2019

Date Pending FBC Approval

Date Approved

05/17/2019

Summary of Products

FL #	Model, Number or Name	Description
11409.1	Series 3000/4000	Series 3000/4000 Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +70/-70 Other:		Certification Agency Certificate FL11409 R11 C CAC NI006320-R7.pdf Quality Assurance Contract Expiration Date 12/31/2021 Installation Instructions FL11409 R11 II RPLS0053 RevA 3000-4000 F ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11409 R11 AE PERNo2518 Rev1 FL11409 3000-4000 5105 5108 5110 6613 7713 F ss.pdf Created by Independent Third Party: Yes
11409.2	Series 5105	Series 5105 Impact Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-55 Other:		Certification Agency Certificate FL11409 R11 C CAC NI006317.01.pdf Quality Assurance Contract Expiration Date 09/30/2021 Installation Instructions FL11409 R11 II RPLS0054 RevA 5105 F ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11409 R11 AE PERNo2518 Rev1 FL11409 3000-4000 5105 5108 5110 6613 7713 F ss.pdf Created by Independent Third Party: Yes
11409.3	Series 5108	Series 5108 Impact Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-55 Other:		Certification Agency Certificate FL11409 R11 C CAC NI009490-R5.pdf Quality Assurance Contract Expiration Date 05/31/2027 Installation Instructions FL11409 R11 II RPLS0059 RevA 5108 F ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11409 R11 AE PERNo2518 Rev1 FL11409 3000-4000 5105 5108 5110 6613 7713 F ss.pdf Created by Independent Third Party: Yes
11409.4	Series 5110	Series 5110 Impact Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-65 Other:		Certification Agency Certificate FL11409 R11 C CAC NI011103-R3.pdf Quality Assurance Contract Expiration Date 04/30/2027 Installation Instructions FL11409 R11 II RPLS0073 Rev0 5110 F ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11409 R11 AE PERNo2518 Rev1 FL11409 3000-4000 5105 5108 5110 6613 7713 F ss.pdf Created by Independent Third Party: Yes
11409.5	Series 6613	Series 6613 Impact Vinyl Fixed Window

Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-55 Other:		Certification Agency Certificate FL11409 R11 C CAC NI011688-R3.pdf Quality Assurance Contract Expiration Date 10/31/2027 Installation Instructions FL11409 R11 II RPLS0074 Rev0 6613 F ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11409 R11 AE PERNo2518 Rev1 FL11409 3000-4000 5105 5108 5110 6613 7713 F ss.pdf Created by Independent Third Party: Yes
11409.6	Series 7113	Series 7113 Vinyl Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50.0/-50.0 Other:		Certification Agency Certificate FL11409 R11 C CAC NI011585-R3.pdf Quality Assurance Contract Expiration Date 04/30/2027 Installation Instructions FL11409 R11 II RPLS0075 Rev0 7113 F ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL11409 R11 AE PERNo2518 Rev1 FL11409 3000-4000 5105 5108 5110 6613 7713 F ss.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)

[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) [Phone: 850-487-1824](#)

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida.](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



Credit Card
Safe

securityMETRICS

REGENCY PLUS, INC.

SERIES 3000/4000 VINYL FIXED WINDOW

INSTALLATION ANCHORAGE DETAILS

NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WOOD FRAMING, 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. WHERE 1X BUCKS ARE USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHERE 1X BUCK IS NOT USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME INTO CONCRETE/MASONRY SUBSTRATE. 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.
- THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO AAMAMWWDA 101/11.S.2-97. SEE TEST REPORT NO. NCTL-210-2747-1 DATED 1/7/02 BY NATIONAL CERTIFIED TESTING LABORATORIES, ORLANDO, FL FOR DETAILS.
- MATERIAL:
5.1. FRAME: EXTRUDED RIGID PVC.
- GLAZING:
6.1. GLAZING DETAIL AS TESTED: 7/8" NOMINAL O.A. IGU COMPRISED OF 2 LITES OF 1/8" TEMPERED GLASS AND STEEL SPACER. PANEL INTERIOR GLAZED USING SEALED INSULATING GLASS WITH A FOAM TAPE BACK BEDDING AND A SNAP-IN DOUBLE LEAFED DUAL DUROMETER RIGID VINYL GLAZING BEAD.
6.2. AS TESTED GLAZING MEETS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
6.3. ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMAMWDMACSA 101/11.S.2/A440 SHALL BE ALLOWED PER ASTM E1300.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 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 3/16" HEX HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO METAL STRUCTURE USE #10 PAN OR HEX HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- 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)
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 STRUCTURE: STEEL 18GA (0.0428"), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM

TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	NOTES
2	ELEVATION & ANCHORING
3	INSTALLATION DETAILS

PROJECT #417-0906

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

TITLE

NOTES

PREPARED BY:

SCALE: N.T.S.

DRAWN BY: RJA

DATE: 1/11/18

SHEET: RPL50053

UPDATE TO CURRENT EDITION OF P&C 1/22/18

RJA

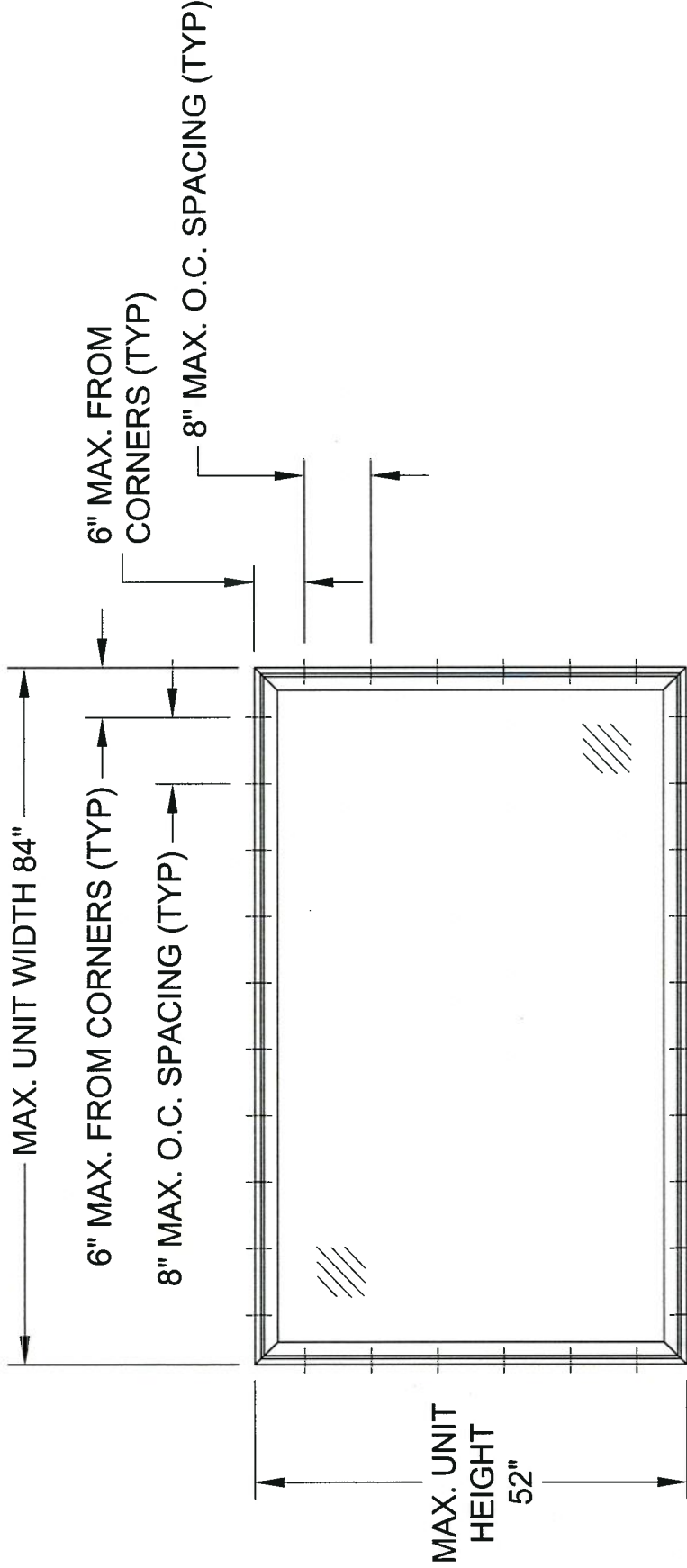
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed
by Robert J
Amoruso

Date: 2018.02.0
13:28:13 -05'00

PTC Product Design Group, LLC
PO Box 55073
Louisville, KY 40255-0775
1-800-321-7275
info@ptc-inc.com
FBPE Certificate of Authorization
No. 25935



SERIES 3000/4000 VINYL FIXED WINDOW

EXTERIOR VIEW

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+70.0/-70.0	NONE

NOTES:

1. MAXIMUM D.L.O.: 79" X 47"

PROJECT #417-0906

REGENCY PLUS, INC.

2000 LOCUST GAP HIGHWAY

MT. CARMEL, PA 17851

TITLE

SERIES 3000/4000 VINYL FIXED WINDOW

ELEVATION AND ANCHORING

DATE:

1/11/18

DRAWN BY:

RJA

SCALE:

N.T.S.

SHEET:

RPLS0053

UPDATE TO CURRENT

EDITION OF FBC

1/22/18

A

PTC

Robert J. Amoroso, P.E.

Florida P.E. No. 48752

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 48752

Digitally signed

by Robert J

Amoroso

Date: 2018.02.0

13:28:27 -05'00

PTC Product Design Group, L.L.C.

PO Box 820712

Orlando, FL 32752-0712

321-699-1768 info@ptc-corp.com

FBPE Certificate of Authorization No. 25935

MIN. EDGE DISTANCE. SEE NOTE 5 THIS SHEET.

INSTALLATION ANCHOR. WOOD SCREW SHOWN. SEE NOTE 5 THIS SHEET FOR ANCHOR TYPE REQUIRED.

MIN. EMBEDMENT. SEE NOTE 5 THIS SHEET.

1/4" MAX. SHIM SPACE

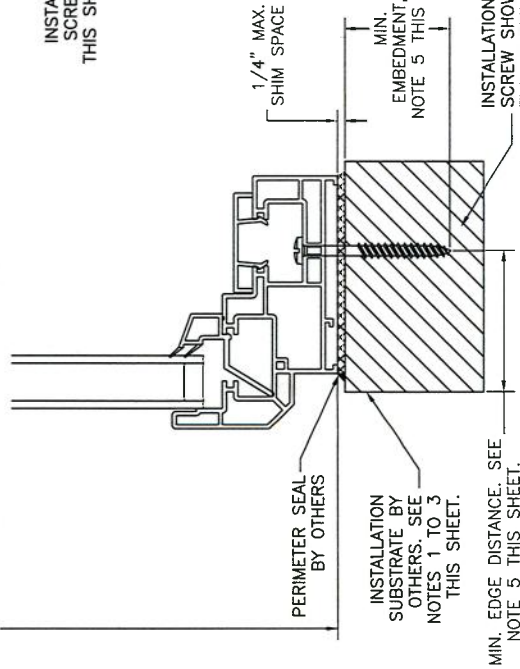
INSTALLATION SUBSTRATE BY OTHERS. SEE NOTES 1 TO 3 THIS SHEET.

PERIMETER SEAL BY OTHERS

WINDOW HEIGHT

EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED

INSTALLATION NOTES:

1. APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:

- 1.1. WOOD FRAMING
- 1.2. STEEL STUD FRAMING AND
- 1.3. CONCRETE AND/OR MASONRY

2. CONCRETE 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. WHERE 1X BUCK IS NOT USED, 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. 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".

5. SUBSTRATE ANCHORING METHODS:

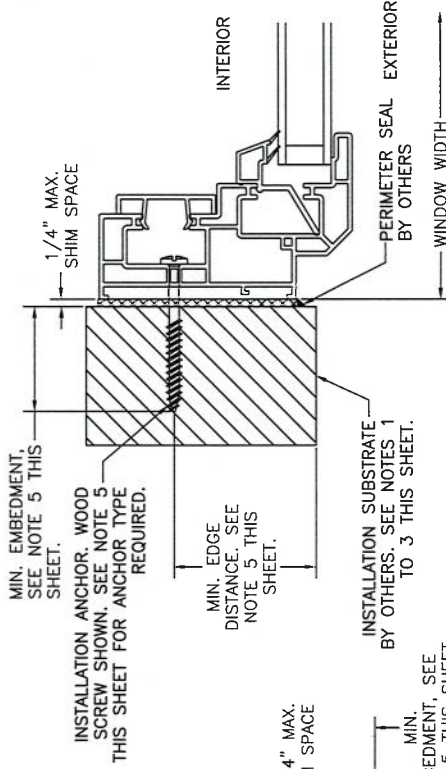
5.1. FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" HEX HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

5.2. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

5.3. FOR ANCHORING INTO METAL STRUCTURE USE #10 PAN OR HEX HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

6. INTERIOR AND EXTERIOR FINISHES BY OTHERS. NOT SHOWN FOR CLARITY.

7. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED AND/OR SPECIFIED IN ACCORDANCE WITH ASTM E2112.



HORIZONTAL (JAMB) CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED

PROJECT #417-0906	DATE	1/22/18	SCALE	N.T.S.	SHEET	RPL50053
UPDATE TO CURRENT EDITION OF FBC	DATE	1/11/18	SCALE	N.T.S.	SHEET	RPL50053

REGENCY PLUS, INC.	DATE	1/11/18	SCALE	N.T.S.	SHEET	RPL50053
2000 LOCUST GAP HIGHWAY	DATE	1/11/18	SCALE	N.T.S.	SHEET	RPL50053
MT. CARMEL, PA 17851	DATE	1/11/18	SCALE	N.T.S.	SHEET	RPL50053
SERIES 3000/4000 VINYL FIXED WINDOW	DATE	1/11/18	SCALE	N.T.S.	SHEET	RPL50053
INSTALLATION DETAILS	DATE	1/11/18	SCALE	N.T.S.	SHEET	RPL50053

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



Digitally signed
by Robert J
Amoroso

Date: 2018.02.0
13:28:37 -05'00'

PTC Product Design Group, L.L.C.
PO Box 65075
Longwood, FL 32752-0775
321-699-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 25935