

SCOPE OF WORK

PERMIT #: _____

JOB SITE ADDRESS: 112 SE Goldie Wy, Lake City

BUILDING (INTERIOR)

☐ No structural work being done.

- 1.
- 2.
- 3.

BUILDING (EXTERIOR)

☒ No structural work being done.

1. Remove and replace 10 windows sz/sz.
- 2.
- 3.

MECHANICAL

☐ No mechanical work being done.

- 1.
- 2.
- 3.

ELECTRICAL

☐ No electrical work being done.

- 1.
- 2.
- 3.

PLUMBING

☐ No plumbing work being done.

- 1.
- 2.
- 3.

GAS

☐ No gas work being done.

- 1.
- 2.
- 3.

ROOF

☐ No roof work being done.

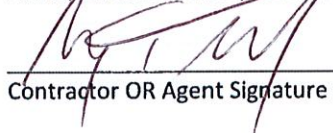
- 1.
- 2.
- 3.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Regency Plus Inc.	1313 Double Hung Non-Impact	31787.1
B. HORIZONTAL SLIDER	Regency Plus Inc.	5111 Impact 2Lite, 5505 Impact 3Lite	15996.1, 20130.3
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.


Contractor OR Agent Signature

10/4/2021

Date

NOTES: _____



Product Approval
USER: Public User

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



FL #
Application Type
Code Version
Application Status

FL31787-R1
Revision
2020
Approved

31787.1

*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
Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency
Validated By

National Accreditation & Management Institute
National Accreditation & Management Institute

Referenced Standard and Year (of Standard)

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

Year
2017

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted	11/06/2020
Date Validated	11/09/2020
Date Pending FBC Approval	
Date Approved	11/15/2020

Summary of Products

FL #	Model, Number or Name	Description
31787.1	1313 Vinyl Tilt Double Hung Window / Series 1000 Anneal Glazing Package	1313 Vinyl Tilt Double Hung Window / Series 1000 Anneal Glazing Package, 53" x 77", X/X
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 FL31787 R1 C CAC N1014701.pdf Quality Assurance Contract Expiration Date 02/29/2024 Installation Instructions FL31787 R1 II RPLS0081 Rev0 Series-1313-DH ss.pdf Verified By: Robert J. Amoruso, P.E. FL P.E. No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL31787 R1 AE PERNo2658 Rev1 1313 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:



Credit Card
Safe



REGENCY PLUS, INC.

1313 VINYL TILT DOUBLE HUNG WINDOW SERIES 1000 ANNEAL GLAZING PACKAGE

INSTALLATION ANCHORAGE DETAILS

NOTES:

1. 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).
2. 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. APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:
 - 2.1. WOOD FRAMING
 - 2.2. STEEL STUD FRAMING AND
 - 2.3. CONCRETE AND/OR MASONRY
3. 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.
4. THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO THE FOLLOWING.
 - 4.1. AMAMWDMVCSA 1011I.S.2/A440-17. SEE TEST REPORT NO. NCTL-110-23043-1, DATED 02/04/20 BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
6. MATERIAL:
 - 6.1. FRAME: EXTRUDED RIGID PVC
 - 6.2. REINFORCEMENT:
 - 6.2.1. GALVANIZED STEEL TUBE - SASH RAILS.
7. GLAZING:
 - 7.1. GLAZING DETAIL AS TESTED: OVERALL 22.86 MM (0.900") NOMINAL GLASS THICKNESS (2) LITES OF 4 MM (0.153") NOMINAL ANNEAL GLASS SPACER TYPE/SIZE 15.09 MM (0.594") DESICCANT-FILLED STAINLESS-STEEL SPACER (TYPE SS-D)
 - 7.1.2. GLAZING SYSTEM INTERIOR GLAZED AGAINST A (2)-LEAF DUAL DIAPHRAGM BACK-BEDDING AND A SNAP-IN (2)-LEAF DUAL DIAPHRAGM RIGID VINYL GLAZING BEAD.
 - 7.1.3. AS TESTED GLAZING MEETS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT
 - 7.1.4. ALLOWED PER ASTM E1300 IN NON-HVHZ LOCATIONS.
- 7.2. ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AMAMWDMVCSA 1011I.S.2/A440 SHALL BE ALLOWED PER ASTM E1300 IN NON-HVHZ LOCATIONS.
8. DESIGNATION "X" STANDS FOR OPERABLE SASH.
9. INTERIOR AND EXTERIOR FINISHING AND SEALING ARE FOR ILLUSTRATIVE PURPOSES ONLY. THESE DRAWINGS CERTIFY THE WINDOW INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED WINDOW IS NOT PART OF THIS INSTALLATION C

TABLE OF CONTENT	
SHEET	DESCRIPTION
1	GENERAL NOTES & INSTALLATION NOTES
2	ELEVATION WITH ANCHORAGE LOCATIONS & VERTICAL SECTION
3	HORIZONTAL SECTIONS & GLAZING DETAIL
4	BILL OF MATERIALS

INSTALLATION NOTES:

1. ONE INSTALLATION ANCHOR SHALL BE USED AT EACH ANCHOR LOCATION SHOWN IN ELEVATION ON SHEET 2.
2. 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".
3. ANCHOR QUANTITIES AND SPACING / EMBEDMENT AND EDGE DISTANCE
 - 3.1. THE NUMBER OF INSTALLATION ANCHORS IS BASED ON THE MAXIMUM END DISTANCE (ED) AND THE MAXIMUM ON CENTER (O.C.) SPACING PLACEMENT OF ANCHORS IN ACCORDANCE WITH ELEVATION ON SHEET 2.
 - 3.2. END DISTANCES AND O.C. SPACING LESS THAN THAT SHOWN IN THE ELEVATION ON SHEET 2 ARE ACCEPTABLE.
 - 3.3. FOR WINDOW SIZES SMALLER THAN THOSE SHOWN, ANCHOR QUANTITIES CAN BE REDUCED WHILE MAINTAINING EDGE DISTANCE AND O.C. SPACING REQUIREMENTS.
 - 3.4. ANCHOR QUANTITIES AND SPACING SHOWN ARE BASED ON THE LOWER OF ANCHOR SPACING USED IN TESTING OR REQUIRED BY LOADING AT DESIGN PRESSURE.
4. SUBSTRATE ANCHORING METHODS:
 - 4.1. FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" FLAT 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.
 - 4.2. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #12 FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 7/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
 - 4.3. FOR ANCHORING INTO METAL STRUCTURE USE #12 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.
5. ALL FASTENERS TO BE CORROSION RESISTANT.
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.
8. 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:
 - 8.1. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 8.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI
 - 8.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF
 - 8.4. METAL STRUCTURE: STEEL 18GA (0.0428"), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM

PERFORMANCE RATING		
MAXIMUM NOMINAL WINDOW SIZE	GLAZING DETAIL (SEE SHEET 3)	DESIGN PRESSURE (PSF)
53" x 77"	A	+/- 40
		IMPACT RATING
		NONE

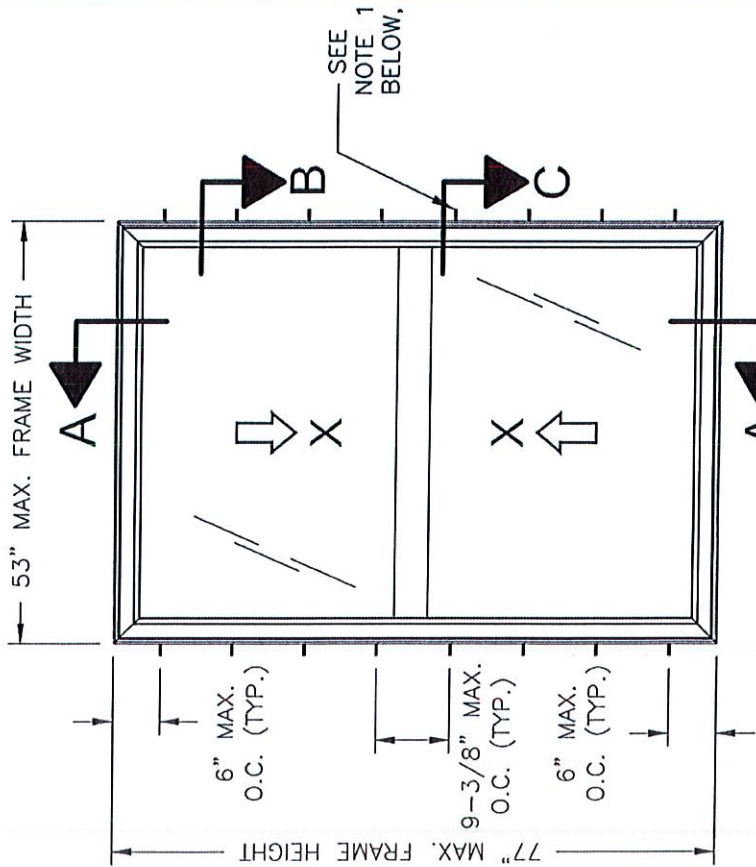
PROJECT #420-0212

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851
1313 VINYL TILT DOUBLE HUNG WINDOW / SERIES 1000 ANNEAL GLAZING
GENERAL NOTES & INSTALLATION NOTES
DATE: 3/26/2020
SCALE: N.T.S.
DRAWN BY: RJA
CHECKED BY: [Signature]
Rev: 1.0

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

Digitally signed
by Robert J
Amoroso
Date: 2020.03.31
10:37:34 -04'00'

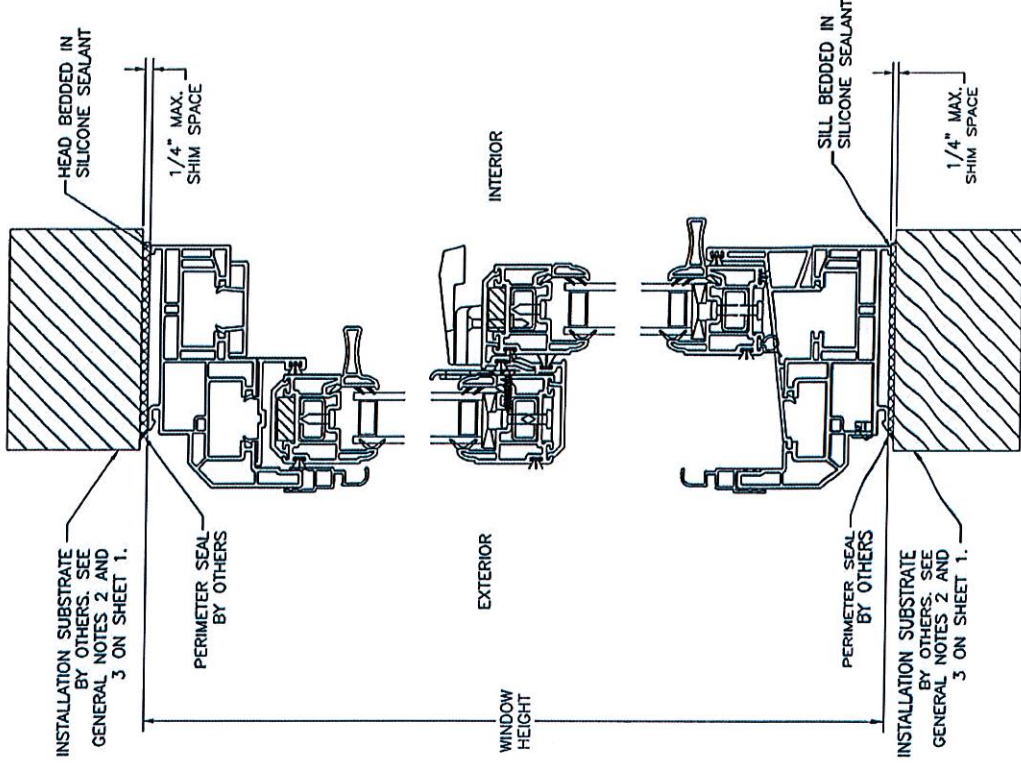
PTC Product Design Group, LLC
10000 W. 11th Avenue, Suite 100
Longwood, FL 32720-0775
321-690-1788 info@ptc-corp.com
FIPPE Certificate of Authorization
No. 25905



ELEVATION
EXTERIOR VIEW

NOTES:

1. THIS ANCHOR LOCATED ON EXTERIOR JAMB TRACKS. ALL OTHER ANCHORS LOCATED ON INTERIOR JAMB TRACKS.
2. MAXIMUM TOP SASH SIZE: 49.563" X 36.938"; MAXIMUM BOTTOM SASH SIZE: 50.25" X 37"
3. MAXIMUM TOP SASH D.L.O.: 46" X 33.438"; MAXIMUM BOTTOM SASH D.L.O.: 46.813" X 33.313"
4. 0.938" X 0.25" WEEP HOLE AT 2.75" FROM EACH END OF EXTERIOR SILL FACE.
5. 1.28" X 0.3" WEEP HOLE WITH COVERS AT 3.625" FROM EACH END OF EXTERIOR SILL FACE.
6. 0.75" X 0.375" WEEP HOLE AT EACH END OF INTERIOR SILL TRACK.



VERTICAL CROSS SECTION A-A

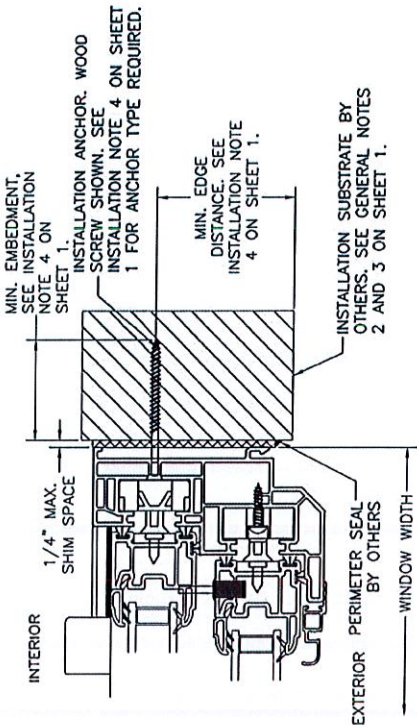
WOOD FRAMING, 2X WOOD BUCK, CONCRETE/MASONRY OR METAL FRAME, APPROVED

PROJECT #420-0212		REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		PREPARED BY: PTC SCALE: N.T.S. DRAWN BY: RJA DATE: 3/26/2020 SHEET: RPLS0081	
-------------------	--	---	--	--	--

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

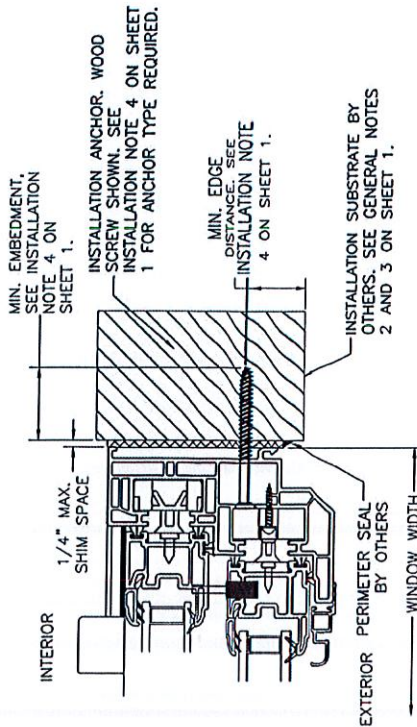
PTC Product Design Group, LLC
PO Box 520775
Largo, FL 32752-0775
321-486-1158 info@ptc-usa.com
FBPE Certified Professional Engineer
No. 259525

Digitally signed
by Robert J
Amoroso
Date: 2020.03.31
10:37:54 -04'00'



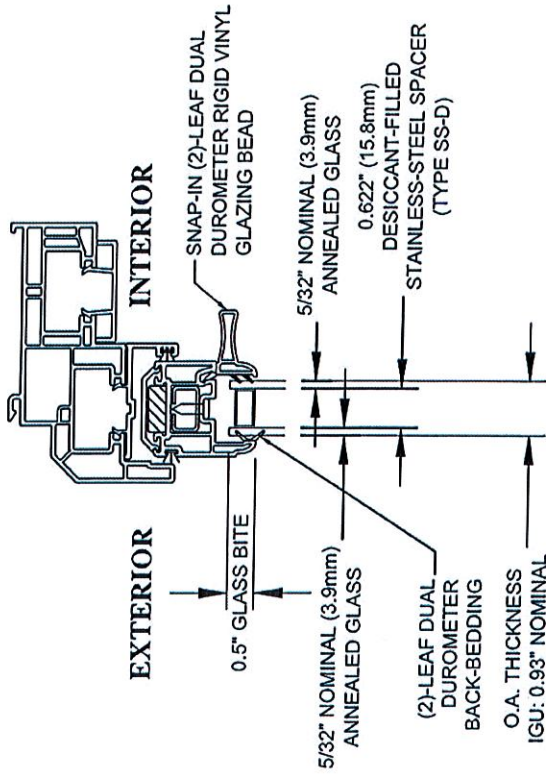
HORIZONTAL (JAMB) CROSS SECTION B-B APPLICABLE TO BOTH JAMBS

WOOD FRAMING, 2X WOOD HUCK, CONCRETE/MASONRY OR METAL FRAME
ANCHOR INSTALLATION AT INTERIOR JAMB (SEE ELEVATION ON SHEET 2).



HORIZONTAL (JAMB) CROSS SECTION C-C APPLICABLE TO BOTH JAMBS

WOOD FRAMING, 2X WOOD HUCK, CONCRETE/MASONRY OR METAL FRAME
ANCHOR INSTALLATION AT EXTERIOR JAMB (SEE ELEVATION ON SHEET 2).



GLAZING DETAIL A

NOTES:

1. A MINIMUM OF TWO (2) NEOPRENE SETTING BLOCKS WITH 70 TO 90 SHORE A DUROMETER HARDNESS ARE REQUIRED AT BOTTOM (SILL) OF GLAZING LITES MORE THAN 3 FEET IN WIDTH.
2. UPPER OPERABLE SASH HEAD SHOWN. ALL OTHER GLAZING DETAILS SAME FOR OPERABLE SASHES AT JAMBS AND SILL GLAZING.

PROJECT #420-0212		REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		1313 VINYL TILT DOUBLE HUNG WINDOW / SERIES 1000 ANNUAL GLAZING HORIZONTAL SECTIONS & GLAZING DETAIL PREPARED BY: RJA SCALE: N.T.S. DATE: 3/26/2020 DRAWN BY: RPL RPL S0081	
-------------------	--	---	--	---	--

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

Digitally signed
by Robert J
Amoroso
Date: 2020.03.31
10:38:05 -04'00'

PTC Product Design Group, LLC
PO Box 50775
Longwood, NC 27040-0775
251-650-1788 info@ptc.com
FIBPE Certificate of Authorization
No. 25935

BILL OF MATERIALS

1313 VINYL TILT DOUBLE HUNG WINDOW / SERIES 1000 ANNEAL GLAZING PACKAGE

Supplier	Part Numbers	Description	Quantity	Supplier	Part Numbers	Description	Quantity
Energil / Royal	IV White 7780	Master Frame (H)	2	Product Design	H-884	Screen Clip Clear	2
Energil / Royal	IV White 7780	Master Frame (W)	2	Product Design	H-3160	Screen Clip Clear	2
Energil / Royal	IV White 1282 / 7750	Sash Frame (Operating Sash) / (H)	4	Product Design	H-808WHZ	Weep Hole Cover White	2
Energil / Royal	IV White 1282 / 7750	Sash Frame (Operating Sash) / (W)	4	RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Lock Sash (W)	1
Energil / Royal	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (H)	4	RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Keeper Sash (W)	1
Energil / Royal	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (W)	2	Amesbury / Truth	803829	29 lb. 3 Coil / 984 Series / Constant Force Balance	4
Energil / Royal	IV White 1068 / 7747	Glazing Lift Rail Handle (Operating Sashes) / (W)	2	S.L.L. Plastic	00158-C001	Lift Rail End Caps White	4
Energil / Royal	IV White 1073 / 7724	Pocket Cover Head / (W)	1	Smith Staple	BEA 8010	Stainless Steel Staples 3/8 x 1/2 Sash (W) (H)	20
Energil / Royal	IV White 1078 / 7725	Sash Cover Head (Keeper Sash) / (W)	1	Lindennmeyr	W0511022	30PP12-18P50-916 X1 3/8 X 3 Foam Block	2
Energil / Royal	IV White 1180 / 7727	Interlock Cover (Operating Sashes) / (W)	2	Jametek	21300-00077	.75 White Balance Plug	4
Energil / Royal	IV White 1070 / 7736	Sash Stop Frame Cover / (H)	2	James Spring Wire	CS025	Hurricane Grade Spring	4
Energil / Royal	IV White 1070 / 7736	Sash Stop Frame Cover / (W)	1	Novagard Silicones	02-MX0150010C2	Accessory Parts Installation Translucent	1
Energil / Royal	IV White 1181 / 7738	Sloped Sill / (W)	1	Vision Industries	1713EW	Vent Locks Keeper Sash (H)	2
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1073 / 7724 / Frame Head	1	Vision Industries	1057A-003-EW	Hurricane Tilt Latch	4
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1181 / 7738 / Frame Sill	1	Vision Industries	3220SS-003-EW	Safe Seal Lock	2
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Lock Sash	4	Vision Industries	8292A-003-EW	Pivot Bars / T-Shape Head	4
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (W) / 1282 / 7750 / Lock Sash	1	Frank Lowe	2NB-8K-0.125-032-064	Glass Setting Blocks Sash (W) Top / Sash (H)	12
Ultra-Fab	W23303NW0000	.200 x .340 H-Bulb Seal Sash Frame (W) / 1282 / 7750 / Lock Sash	1	GLF Corporation	112003	# 5/32" Tri-Rivet .040 / 275 Grip / Sash Pivot Bars	4
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Keeper Sash	1	GLF Corporation	137341	# 8-18 x 0.850 Flat Washer Shoulder / Sash / Hurricane Latch	4
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Lock Sash	1	GLF Corporation	120376	# 6 x 1 1/4" Tek White / Locks	4
Shapes Unlimited	W112257W0000	Single Leg Frame New White	3	GLF Corporation	116821	# 6 x 1" Tek White / Keepers	4
Shapes Unlimited	06516NEW192	Double Leg Frame New White	1	GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (H)	12
Accept	2584	Tension Springs	2	GLF Corporation	120766	# 6 x 5/8" Tek / Sash Rebar (W)	12
Imperial Plastic USA	3002605	Fiberglass Screen Cloth Charcoal / 60" x 96"	1	GLF Corporation	116506	# 8 x 3/4" Tek / Pan Head (Balance Shoes)	4
Hygrade Metals	W58W	Screen Spline (H / W)	4	GLF Corporation	401168	# 5 x 3/8" Tek / Screen Clips White	4
Hygrade Metals	D58P	Muntin Bar	1	Cardinal	Single Strength Anneal	Operating Lock Sash / 3.9 Q366 / 15.8 FED / 3.9	10
Hygrade Metals	CK252X280	Muntin Bar End Pins	2	Cardinal	Single Strength Anneal	Operating Lock Keeper / 3.9 Q366 / 15.8 FED / 3.9	1
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Lock Sash / Impact Lock Top / Heavy Rebar	4				
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Lock Sash / Bottom / Light Rebar	1				
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Keeper Sash / Impact Lock Top / Heavy Rebar	1				
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Keeper Sash / Bottom / Light Rebar	1				

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

1313 VINYL TILT DOUBLE HUNG WINDOW / SERIES 1000 ANNEAL GLAZING

DATE: 3/26/2020
DRAWN BY: RJA
SCALE: N.T.S.
PROJECT #420-0212



Digitally signed
by Robert J
Amoroso
Date: 2020.03.31
10:38:18 -04'00'

PTC Product Design Group, LL
PO Box 520775
Lansdale, PA 17035-0775
321-4690-1788
FBPE Certificate of Authorization
No. 225935



Product Approval
USER: Public User

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



FL #
Application Type
Code Version
Application Status

FL20130-R5
Revision
2020
Approved

20130.3

*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)

Standard	Year
AAMA/WDMA/CSA 101/I.S.2/A440	2008
TAS 201	1994
TAS 202	1994
TAS 203	1994

Equivalence of Product Standards
Certified By

Florida Licensed Professional Engineer or Architect
FL20130 R5 Equiv EERN02528 Rev3 FL20130 5505 7013 7413 HS ss.pdf

Date Submitted 11/06/2020
 Date Validated 11/06/2020
 Date Pending FBC Approval
 Date Approved 11/15/2020

Summary of Products

FL #	Model, Number or Name	Description
20130.1	Series 7013 Vinyl Horizontal Sliding Window	Series 7013 Vinyl Horizontal Sliding Window 120" x 63" Non-Impact XO
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 FL20130_R5_C_CAC_NI011581-R2.pdf Quality Assurance Contract Expiration Date 05/31/2023 Installation Instructions FL20130_R5_II_RPLS0071_Rev0_Series-7013-XOX-HS_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL20130_R5_AE_PERN02528_Rev3_FL20130_5505_7013_7413_HS_ss.pdf Created by Independent Third Party: Yes
20130.2	Series 7413 Vinyl Horizontal Sliding Window	Series 7413 Vinyl Horizontal Sliding Window 74" x 63" Non-Impact XO
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 FL20130_R5_C_CAC_NI011582-R2.pdf Quality Assurance Contract Expiration Date 05/31/2023 Installation Instructions FL20130_R5_II_RPLS0072_Rev0_Series-7413-XO-HS_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL20130_R5_AE_PERN02528_Rev3_FL20130_5505_7013_7413_HS_ss.pdf Created by Independent Third Party: Yes
20130.3	Tech 5505 Vinyl Horizontal Sliding Window	Tech 5505 Vinyl Horizontal Sliding Window 111" x 63" HVHZ IMPACT XO
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 FL20130_R5_C_CAC_NI014253-R1.pdf Quality Assurance Contract Expiration Date 10/31/2022 Installation Instructions FL20130_R5_II_RPLS0077_RevB_5505_HS_XOX_ss.pdf Verified By: Robert J. Amoruso, P.E. FL PE 49752 Created by Independent Third Party: Yes Evaluation Reports FL20130_R5_AE_PERN02528_Rev3_FL20130_5505_7013_7413_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

securityMETRICS

SERIES TECH 5505 VINYL HORIZONTAL SLIDING (XOX) WINDOW INSTALLATION ANCHORAGE DETAILS

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT 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-110-21458-1, DATED 10/18/18 BY NATIONAL CERTIFIED TESTING LABORATORIES, INC. PA. SIGNED AND SEALED FOR THE ARCHITECT OR ENGINEER OF RECORD.

5. MATERIAL:
 - 5.1. FRAME: EXTRUDED RIGID PVC BY ENERGI FENESTRATION SOLUTIONS USA, INC. PER CURRENT MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).
 - 5.2. REINFORCEMENT:
 - 5.2.1. GALVANIZED STEEL BAR (0.72" X 0.355", Fy = 30-50 ksi & Fu = 37.5-68.7 ksi) - ACTIVE STILES
 - 5.2.2. GALVANIZED STEEL C-CHANNEL (0.73" X 0.434" X 0.060" THICK, Fy = 30-50 ksi & Fu = 37.5-68.7 ksi) - RAILS AND FIXED MEETING STILE.
 - 5.2.3. GALVANIZED STEEL TUBE (0.335" X 0.73" X 0.060" THICK, Fy = 30-50 ksi & Fu = 37.5-68.7 ksi) - FIXED MEETING STILE.
 - 5.3. LAMINATE GLASS INTERLAYER: TROSIFOL INTERLAYER BY KURARAY AMERICA, INC. PER CURRENT MIAMI-DADE NOTICE OF ACCEPTANCE (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.
 - 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: CARBONAL XL EDGE 7/16" STAINLESS STEEL SPACER (TYPE SS-0)
 - 6.1.5. GLAZING SYSTEM: INTERIOR GLAZED WITH (2)-LEAF DUAL DUROMETER AND SIKKA F552" BACKBEDDING WITH A SNAP-IN (2)-LEAF DUAL DUROMETER RIGID VINYL GLAZING READ.
 - 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 EPDM WITH A MINIMUM 60 SHORE A DUROMETER.
 - 6.3. AS TESTED GLAZING MEETS ASTM E1300-08a 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" HEX HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/2" MINIMUM EDGE DISTANCE AND 1" MINIMUM ANCHOR-TO-ANCHOR SPACING. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
 10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE ONE OF THE FOLLOWING:
 - 10.1. #12 PAN HEAD WOOD SCREWS 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 PAN HEAD WOOD SCREWS 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 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 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

STRENGTH SPECIFICATIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM
12.1 UNDOO MINIMUMS SPECIFIED BELOW:

13.1. WOOD - MINIMUM SPECIFIC GRAVITY OF (G) 0.42 (NOH-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 STRUCTURE, STEEL 16GA (0.0428"), F_y = 43KSI / F_u = 45 KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM
13.4.1. STEEL SUBSTRATE TO MEET MINIMUM FBC HVHZ CODE REQUIREMENTS.

14.1. APPROVED CONFIGURATIONS: XO, OX AND XO, OX AND XO INSTALLATION MUST MEET THE FOLLOWING PARAMETERS. FRAME HEIGHT WILL NOT EXCEED THAT OF THE XO. OPERABLE SASH SIZE WILL NOT EXCEED THAT OF THE XO. FRAME WIDTH WILL BE LIMITED BY SASH SIZE AND DO LIMITATIONS.

14.2. DAYLIGHT OPENING (DO) WILL BE THE SAME AS OR LESS THAN THAT SHOWN ON SHEET 2.

14.3. ANCHOR LOCATION AND QUANTITIES USED IN INSTALLATION WILL MEET OR EXCEED THOSE REQUIRED OF THE XO.

14.4. WEEP HOLE QUANTITY, LOCATION AND SPACING WILL MEET THOSE OF THE XO. SPACING CAN BE REDUCED AS NEEDED DUE TO THE LOWER FRAME WIDTH.

TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	NOTES
2	ELEVATION & ANCHOR LOCATION
3	VERTICAL INSTALLATION DETAILS
4	HORIZONTAL INSTALLATION DETAILS
5	BILL OF MATERIALS

Digitally signed
by Robert J
Amoruso

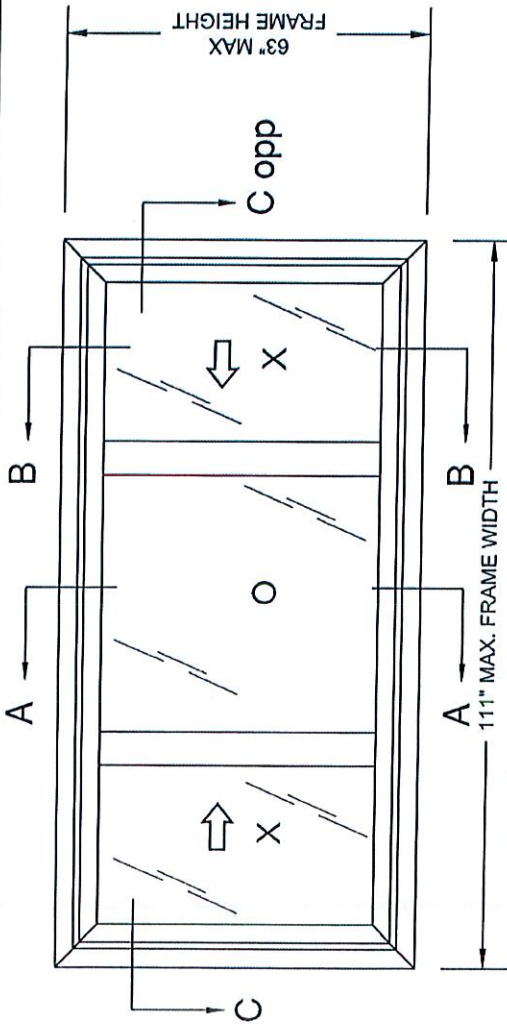
Date: 2020.10.27
17:49:59 -04'00'

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

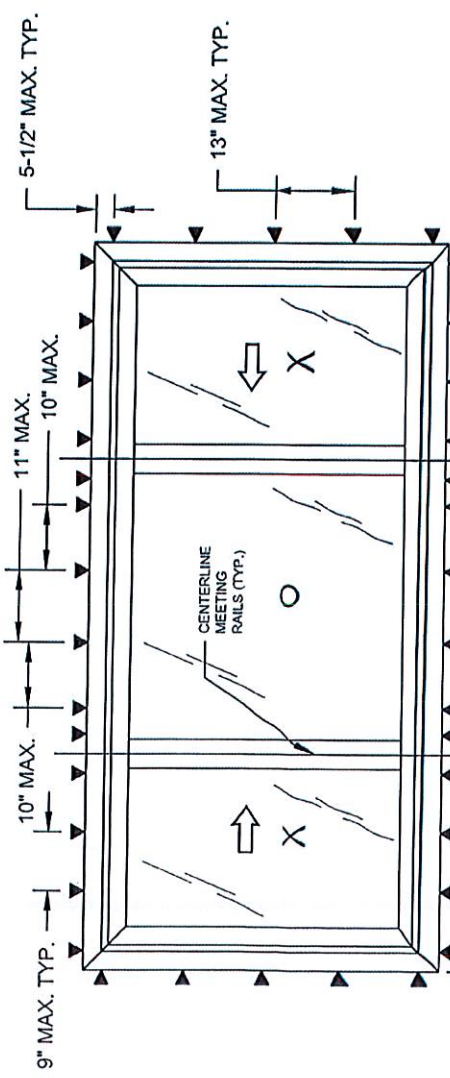


Robert J. Amoroso, P.E.,
Florida P.E. No. 49752

THE SERIES TECH 5505 VINYL HORIZONTAL SLIDING (XOX) WINDOW 2000 LOCUST GAP HIGHWAY REGENCY PLUS, INC. MT. CARMEL, PA 17851		NOTES	
ORDER BY: RJA DATE: 12/5/18	SCALE: N.T.S. DRAWING NO: RPLS0077	PREPARED BY: 	REV: 1 SHEET: 1



SERIES 5505 VINYL HORIZONTAL SLIDING XOX WINDOW
EXTERIOR VIEW



- NOTES:
1. HEAD AND SILL ANCHORAGE THE SAME.
 2. $\pm 1"$ TOLERANCE ON ANCHOR LOCATION.
 - 2.1. TAPCON MINIMUM SPACING IS 4" OC.
 - 2.2. WOOD AND TAPPING SCREW MINIMUM SPACING IS 2" OC.

SERIES 5505 VINYL HORIZONTAL SLIDING XOX WINDOW
EXTERIOR VIEW - ANCHORAGE

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

- NOTES:
1. MAXIMUM ACTIVE PANEL SIZE: 32" X 59-7/8"
 2. DAYLIGHT OPENING SIZE:
 - 2.1. ACTIVE: 28-3/4" X 56-5/8"
 - 2.2. FIXED: 41" X 57-1/2"
 3. WEEP HOLE SIZE AND LOCATIONS
 - 3.1. INTERIOR SILL
 - 3.1.1. SIZE: 19.05 MM (0.75") WIDE BY 4.57 MM (0.180") HIGH NOTCH
 - 3.1.2. LOCATION: EACH END AND 800MM (31.5") FROM EACH END OF THE INTERIOR SILL INSERT
 - 3.2. EXTERIOR SILL
 - 3.2.1. SIZE: 19.05 MM (0.75") WIDE BY 6.35 MM (0.25") HIGH NOTCH
 - 3.2.2. LOCATION: EACH END OF THE EXTERIOR SILL TRACK
 - 3.3. INTERIOR SILL
 - 3.3.1. SIZE: 9.53 MM (0.375") DIAMETER
 - 3.3.2. LOCATION: 419 MM (16.5") AND 826 MM (32.5") FROM EACH END AND MIDSPAN OF THE INTERIOR SILL TRACK
 - 3.4. EXTERIOR SILL
 - 3.4.1. SIZE: 25.4 MM (1") WIDE BY 6.35 MM (0.25") HIGH
 - 3.4.2. LOCATION: EACH END OF THE EXTERIOR SILL TRACK
 - 3.5. EXTERIOR SILL
 - 3.5.1. SIZE: 32 MM (1.25") WIDE BY 6.35 MM (0.25") HIGH WITH PLASTIC WEEP COVER
 - 3.5.2. LOCATION: 76 MM (3") FROM EACH END OF THE EXTERIOR SILL FACE

PROJECT #420-0809

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

SERIES 5505 VINYL HORIZONTAL SLIDING (XOX) WINDOW
ELEVATION AND ANCHOR LOCATIONS

PREPARED BY: RJA
DATE: 12/5/18
DRAWING NO: RPL50077

SCALE: N.T.S.
SHEET: 1

REV: 1

REVISIONS:

NO.	DESCRIPTION	DATE
A	REVISED NOTES	5/3/19
B	CURRENT FBC	10/27/20

Robert J. Amoroso P.E.
Professional Engineer
No. 48752
STATE OF PENNSYLVANIA

Digitally signed
by Robert J
Amoroso
Date: 2020.10.27
17:50:12 -04'00'

PTC Product Design Group, LLC
PO Box 520775
Lansdale, PA 17032-0775
321-400-1788
FBPE Certificate of Authorization
No. 25935

PROJECT #420-0809		
REVISED NOTES	5/3/19	RJA
CURRENT FBC	10/27/20	RJA
UPDATED TO		

REGENCY PLUS, INC.	2000 LOCUST GAP HIGHWAY	MT. CARMEL, PA 17851
SERIES TECH 5505 VINYL HORIZONTAL SLIDING (XX) WINDOW		
VERTICAL INSTALLATION DETAILS		
PREPARED BY	RJA	DATE 12/5/18
SCALE	N.T.S.	SHEET RPLS0077
TECH	12/5/18	

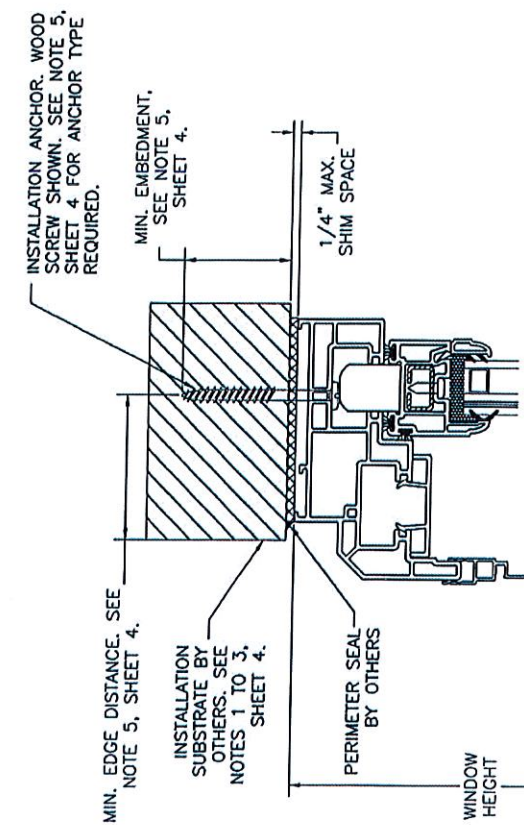


Digitally signed
by Robert J
Amoroso

Date: 2020.10.27

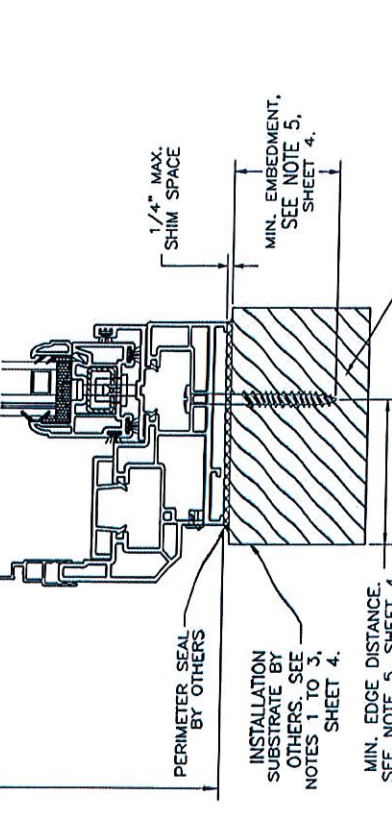
17:50:22 -04'00'

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321.331.1188 info@ptc-usa.com
FBIPE Certified
No. 25935



INTERIOR

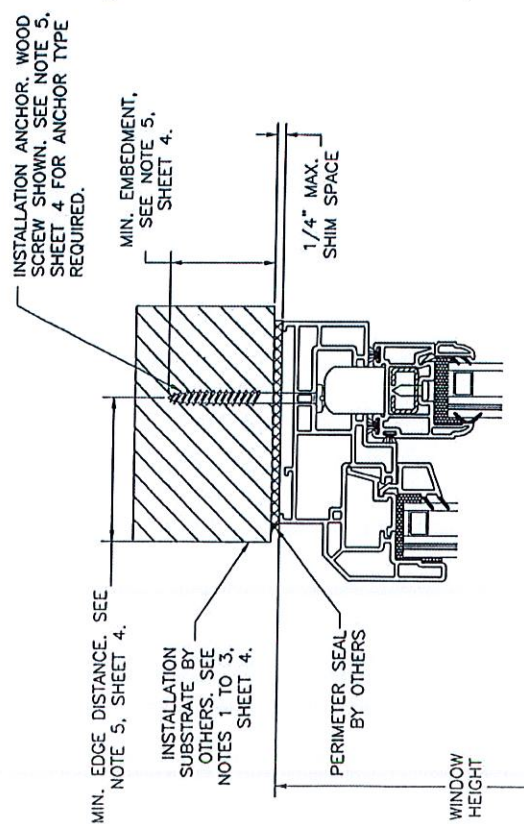
EXTERIOR



INTERIOR

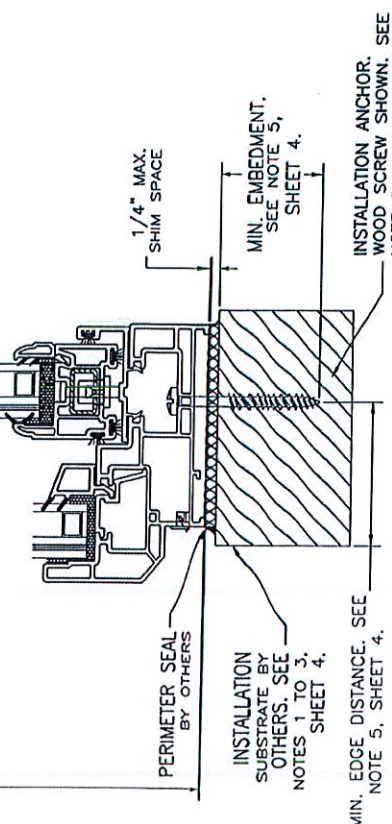
EXTERIOR

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



INTERIOR

EXTERIOR



INTERIOR

EXTERIOR

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

INSTALLATION NOTES:

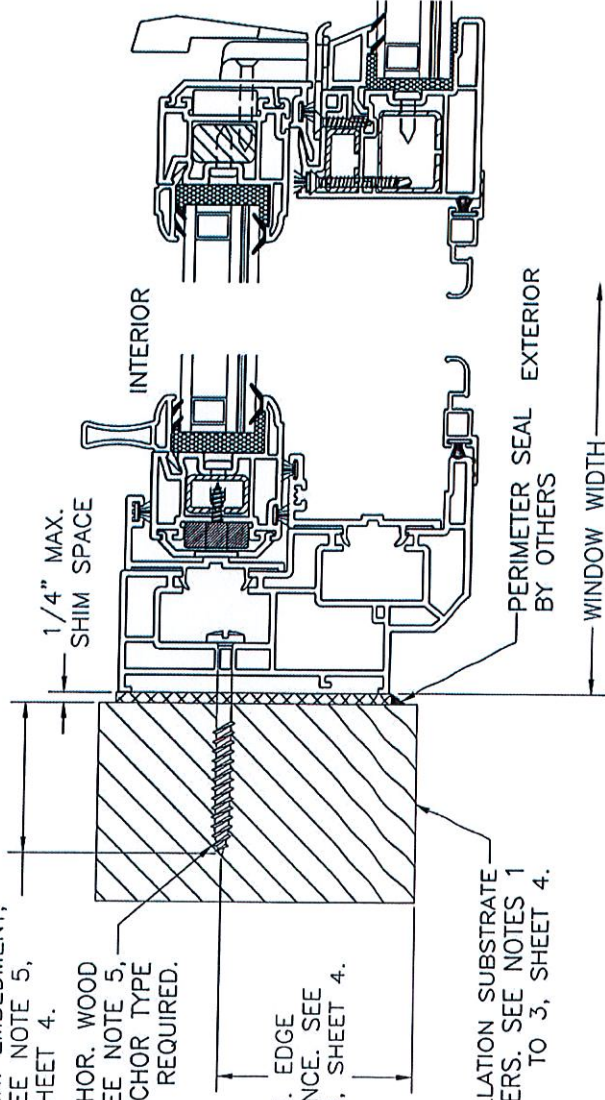
1. APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:
 - 1.1. WOOD FRAMING.
 - 1.2. STEEL STUD FRAMING.
 - 1.3. ALUMINUM FRAMING.
 - 1.4. CONCRETE AND/OR MASONRY.
2. 2X WOOD FRAMING, 1X OR 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL 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. 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 1/4" HEX HEAD TAPCONS 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. 2" MINIMUM SPACING BETWEEN ADJACENT ANCHORS REQUIRED. ANCHOR LOCATIONS HAVE $\pm 1/8"$ TOLERANCE.
 - 5.2. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE ONE OF THE FOLLOWING:
 - 5.2.1. #12 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 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 $\pm 1/8"$ TOLERANCE.
 - 5.2.2. #14 PAN HEAD WOOD SCREWS 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 $\pm 1/8"$ TOLERANCE.
 - 5.3. FOR ANCHORING INTO METAL STRUCTURE USE #14 PAN OR HEX HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3/8" MINIMUM EMBEDMENT INTO METAL 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 $\pm 1/8"$ 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 E212.

MIN. EMBEDMENT, SEE NOTE 5, SHEET 4.

INSTALLATION ANCHOR. WOOD SCREW SHOWN. SEE NOTE 5, SHEET 4 FOR ANCHOR TYPE REQUIRED.

MIN. EDGE DISTANCE. SEE NOTE 5, SHEET 4.

INSTALLATION SUBSTRATE BY OTHERS. SEE NOTES 1 TO 3, SHEET 4.



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

REV	DESCRIPTION	DATE	BY
B	UPDATED TO CURRENT FBC	10/27/20	RJA
A	REVISED NOTES	5/3/19	RJA

PROJECT #420-0809

REV	DATE	BY	SCALE	DESCRIPTION
REV	12/5/18	RJA	N.T.S.	RPLS0077
SERIES TECH 5505 VINYL HORIZONTAL SLIDING (XOX) WINDOW				
2000 LOCUST GAP HIGHWAY				
MT. CARMEL, PA 17851				
REGENCY PLUS, INC.				

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



Digitally signed
by Robert J
Amoroso

Date: 2020.10.27
17:50:33 -04'00'

PTC Product Design Group, LLC
PO Box 520775
Lakewood, FL 32752-0775
321.469.1111
www.ptc-usa.com
FBCP Certificate of Registration
No. 25035



Product Approval
USER: Public User

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

OFFICE OF THE
SECRETARY

FL #
 Application Type
 Code Version
 Application Status

FL15996-R7
 Revision
 2020
 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/WDMA/CSA 101/I.S.2/A440	2008
ASTM E1886	2012
ASTM E1996	12a
TAS 201	1994
TAS 202	1994
TAS 203	1994

Equivalence of Product Standards
 Certified By

Florida Licensed Professional Engineer or Architect
[FL15996 R7 Equiv EERN02532 Rev2 FL15996 5111 HS ss.pdf](#)

15996.1

Product Approval Method

Method 1 Option A

Date Submitted 11/06/2020
 Date Validated 11/09/2020
 Date Pending FBC Approval
 Date Approved 11/20/2020

Summary of Products

FL #	Model, Number or Name	Description
15996.1	SERIES TECH 5111	SERIES TECH 5111 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/-70 Other:		Certification Agency Certificate FL15996 R7 C CAC NIO11271-R3.pdf Quality Assurance Contract Expiration Date 07/31/2022 Installation Instructions FL15996 R7 II RPLS0066 Rev0 5111 HS XO ss.pdf Verified By: Robert J. Amoroso, PE FL PE No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL15996 R7 AE PERNo2532 Rev2 FL15996 5111 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

SECURITYMETRICS

REGENCY PLUS, INC.

SERIES TECH 5111 IMPACT VINYL HORIZONTAL SLIDING WINDOW INSTALLATION ANCHORAGE DETAILS

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE INCLUDING 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.
2. 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.
3. THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO THE FOLLOWING BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA, SIGNED AND SEALED BY ROBERT H. ZEIDERS, P.E. AND/OR HOWARD E. RUPP, P.E.
 - 4.1. TEST REPORT NO. NCTL-110-14748-1 DATED 5/20/12 TO TAS 201, TAS 202 AND TAS 203.
 - 4.2. TEST REPORT NO. NCTL-110-14748-3 DATED 5/20/12 TO AAMA WDMA/CSA 101/1.S.2/A440-05/08.
 - 4.3. TEST REPORT NO. NCTL-110-14748-2 DATED 7/12/12 TO ASTM E1886-05 and ASTM E1996-02/04/ 06/09.
4. MATERIAL:
 - 5.1. FRAME: EXTRUDED RIGID PVC.
 - 5.2. REINFORCEMENT: GALVANIZED STEEL TUBE - CENTER HOLLOW OF SASH MEMBERS AND FIXED MEETING RAIL.
5. GLAZING:
 - 6.1. GLAZING DETAIL AS TESTED: 7/8" NOMINAL O.A. ICU COMPRISED OF FROM EXTERIOR TO INTERIOR - LAMI LITE OF 1/8" ANNEALED GLASS x 0.090" KURARAY AMERICA TROSIFOL PVB INTERLAYER x 1/8" ANNEALED GLASS, STAINLESS STEEL SPACER, 1/8" TEMPERED SACRIFICIAL LITE, ACTIVE PANEL INTERIOR GLAZED WITH SIKKA SIKAFLEX 552 BACK-BEDDING (OR EQUIVALENT), TWO (2) LEAF DUAL DUROMETER BACK-BEDDINGS AND SNAP-IN TWO (2) LEAF DUAL DUROMETER GLAZING BEAD WITH 7/16" GLASS BITE, FIXED PANEL INTERIOR GLAZED WITH SIKKA SIKAFLEX 552 BACK-BEDDING (OR EQUIVALENT) AND SNAP-IN TWO (2) LEAF DUAL DUROMETER GLAZING BEAD WITH 7/16" GLASS BITE.
 - 6.2. AS TESTED GLAZING MEETS ASTM E1300-08 FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
 - 6.3. ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMA WDMA/CSA 101/1.S.2/A440 SHALL BE ALLOWED PER ASTM E1300.
 - 6.4. SETTING BLOCKS IF USED AND/OR WHERE REQUIRED BY THE CURRENT EDITION OF THE FLORIDA BUILDING CODE AS REQUIRED.
6. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
7. 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".
8. 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.
9. 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.
10. 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.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. 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 STRUCTURE: STEEL 18GA (0.0428"), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM
13. APPROVED CONFIGURATIONS: OX AND XO.

TABLE OF CONTENTS

SHEET	DESCRIPTION
1	NOTES
2	ELEVATION & ANCHORING
3	INSTALLATION DETAILS

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

NOTES
SERIES TECH 5111 IMPACT VINYL HORIZONTAL SLIDING WINDOW

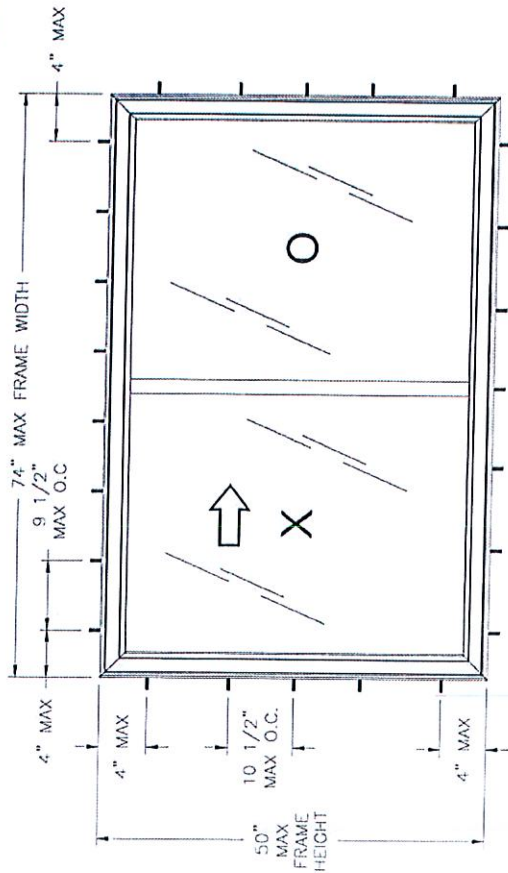
DATE: 1/1/18
DRAWN BY: RJA
CHECKED BY: N.T.S.
REV: 1 OF 3

PREPARED BY:
Robert J. Amoroso, P.E.
Florida P.E. No. 49752



Digitally signed
by Robert J
Amoroso
Date: 2018.02.02
13:39:05 -05'00'

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-480-1788 info@ptc-inc.com
FIPPE Certificate of Authorization
No. 25935



SERIES TECH 5111 IMPACT VINYL HORIZONTAL SLIDING WINDOW XO
EXTERIOR VIEW

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+55.0/-70.0	LARGE AND SMALL MISSILE IMPACT

HVHZ AND WIND ZONE 4, MISSILE LEVEL D

NOTES:

1. MAXIMUM PANEL SIZE: 35-7/8" X 46-7/8"; MAXIMUM D.L.O. SIZE: 32-1/8" X 43-1/2"
2. MAXIMUM FIXED LITE D.L.O.: 33" X 44-1/2"
3. (1) 1" X 1/4" WEEP HOLE FROM EACH END OF SILL.
4. (2) 1/8" WEEP HOLE DIAMETER AT 7/8" AND 1-3/8" FROM EACH END OF BOTTOM RAIL.
5. (1) 3/8" WEEP HOLE DIAMETER AT MIDSPAN OF SILL.
6. (1) 1-1/2" X 1/4" WEEP HOLE WITH PLASTIC WEEP COVER METAL FLAP AT 3-1/2" FROM EACH END OF SILL.
7. (1) 1/2" X 1/2" WEEP HOLE AT MIDSPAN OF INTERIOR SILL TRACK.

HARDWARE SCHEDULE	
A.	(1) METAL CAM-TYPE SWEEP LOCK 11-1/2" FROM EACH END OF ACTIVE MEETING STILE
B.	(1) METAL KEEPER AT LOCK LOCATIONS ON FIXED MEETING STILE
C.	(1) METAL TILT LATCH AT EACH END OF THE TOP RAIL WITH ACTUATOR LOCATED AT EACH STILE
D.	STEEL REINFORCEMENT AT FIXED MEETING RAIL, PANEL MEETING STILE AND JAMB STILE

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

PROJECT #417-0906

DATE: 1/1/18
 DRAWING NO: RPLS00066
 SCALE: N.T.S.
 REV: 2 OF 3

PREPARED BY: **PTC**

DATE: 1/1/18
 DRAWING NO: RPLS00066
 SCALE: N.T.S.
 REV: 2 OF 3

Robert J. Amoroso, P.E.
 Florida P.E. No. 42752

James Amoroso, P.E.
 Florida P.E. No. 42752

PTC Product Design Group, LLC
 321-490-1788 info@ptc-inc.com
 FBPE Certificate of Authorization
 No. 25935

Longwood, FL 32752-0775
 321-490-1788 info@ptc-inc.com
 FBPE Certificate of Authorization
 No. 25935

Digitally signed
 by Robert J
 Amoroso

Date: 2018.02.02
 13:39:19 -05'00'

REV	DESCRIPTION	DATE	BY

PROJECT #417-0906

PTC
PREPARED BY
N.T.S.
DATE: 1/11/18
DRAWN BY: RJA

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

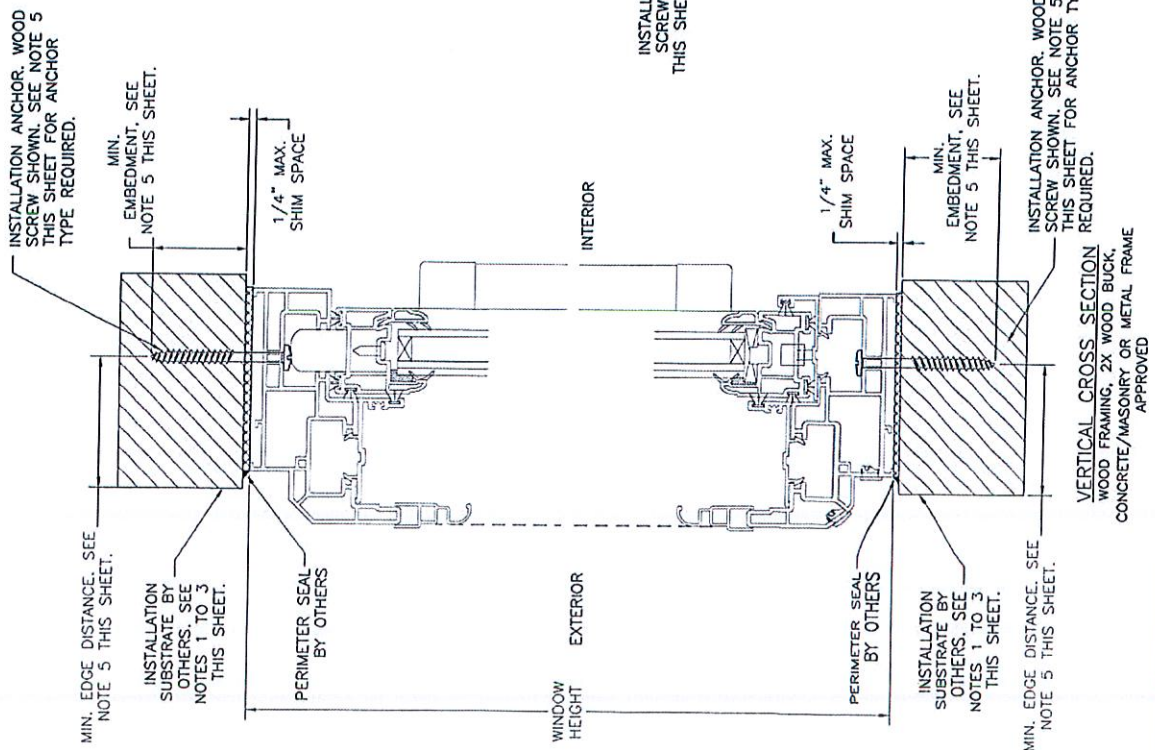
SERIES TECH 5111 IMPACT VINYL HORIZONTAL SLIDING WINDOW
INSTALLATION DETAILS

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

Digitally signed
by Robert J
Amoroso
Date: 2018.02.02
13:39:29 -05'00'

PTC Product Design Group, LLC
PO Box 530776
Longwood, FL 32755-0775
321-489-1788 info@ptc-corp.com
FBIPE Certificate of Authorization
No. 25855

- 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 OPENING 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.



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

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