



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Regency Plus, Inc.
1024 Locust Gap Highway
Mount Carmel, PA 17851

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

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

APPROVAL DOCUMENT: Drawing No. RPLS0062, titled "Impact Series 5000 Single Hung Window - L.M.I.", sheets 1 through 5 of 5, dated 11/26/08, with revision D dated 12/07/13, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA # 12-0223.10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



WP
3/13/14

NOA No. 14-0128.07
Expiration Date: July 22, 2019
Approval Date: March 20, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **RPLS0062**, Sheets 1 through 5 of 5, titled "Impact Series 5000 Single Hung Window", dated 11/26/08, with revision D dated 12/07/13, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram of white PVC single hung window, prepared by National Certified Testing Laboratories, Test Report No. **NTCL-110-11537-1**, dated 08/18/08, revised on 09/03/08, with addendum letters dated 03/31/09 and 05/01/09, all signed and sealed by Harold Rupp, P.E.
(Submitted under NOA# 08-1210.13)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 11/21/08, prepared by PTC Product Design Group, LLC, signed and sealed by Paul E. Winter, P.E.
(Submitted under NOA# 08-1210.13)
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
2. Notice of Acceptance No. **12-1120.02**, issued to **Royal Window and Door Profiles, Plant 13**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 02/28/13, expiring on 02/28/18.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0128.07
Expiration Date: July 22, 2019
Approval Date: March 20, 2014

Regency Plus, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated February 07, 2012, signed and sealed by Robert J. Amoruso, P.E. *(Submitted under previous NOA# 12-0223.10)*

G. OTHER

1. Notice of Acceptance No. *12-0223.10*, issued to Regency Plus, Inc. for their Series "5000" White PVC Single Hung Window – L.M.I., approved on 04/19/12 and expiring on 07/22/14.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0128.07

Expiration Date: July 22, 2019
Approval Date: March 20, 2014

REGENCY PLUS, INC.

IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH 2007 AND 2010 FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE(S) STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # NCTL-110-11537-1 DATED 09/3/08 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
3. THE PRODUCT HAS BEEN EVALUATED FOR CONFORMANCE TO THE STANDARDS LISTED IN THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC) AND IS IN COMPLIANCE WITH SAID STANDARDS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
5. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THEN THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - A. OUTSIDE HVHZ: REQUIRE THAT A LICENSED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
 - B. INSIDE HVHZ: REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.

7. WINDOW FRAME MATERIAL: RIGID VINYL PVC PER NOA # 12-1120.02.
8. EACH WINDOW ASSEMBLY SHALL BE LABELED WITH A PERMANENT LABEL AND/OR STAMP WITH THE EXTRUDER CODE AND "MDCA" AS STATED IN N.O.A. NO. 07-1016.05.
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.
10. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
11. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN.
12. WHERE WIND-BOURNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR THRU MAIN FRAME WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 2-1/2 INCHES.
6. FOR PARTING STOP INSTALLATION USE #8 X 1 1/2" DRYWALL SCREWS.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.

8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
10. 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 BY THE ANCHOR MANUFACTURER.
11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD PT SOUTHERN YELLOW PINE - MINIMUM SPECIFIC GRAVITY IS 0.55. LUMBER MUST COMPLY WITH FBC SECTIONS 2411.3.3.3 AND 2326.2 AS TO WOOD PROTECTION.
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3192 psi AND CONFORMS TO ACI 301.
 - C. MASONRY - STRENGTH CONFORMS TO ASTM C-90.

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SHEET	REV.	SHEET DESCRIPTION
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2	C	ELEVATION AND ANCHOR LAYOUT
3	C	VERTICAL SECTIONS
4	C	HORIZONTAL SECTIONS, GLAZING DETAIL & BILL OF MATERIALS
5	C	COMPONENTS & CORNER DETAIL

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
±55.0	LARGE MISSILE IMPACT

PROJECT #413-1019			
D	REVISE PVC MANUF. AND NOA NO.	12/7/13	RJA
C	UPDATE TO 2010 FBC	02/07/12	TJH
B	PER MIAMI-DADE COMMENTS DATED 4/28/09	05/26/09	SMC
REV	DESCRIPTION	DATE	BY

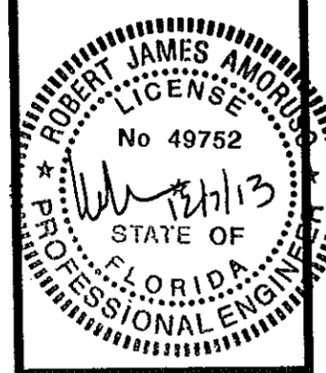
REGENCY PLUS, INC.
1024 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI
GENERAL AND INSTALLATION NOTES

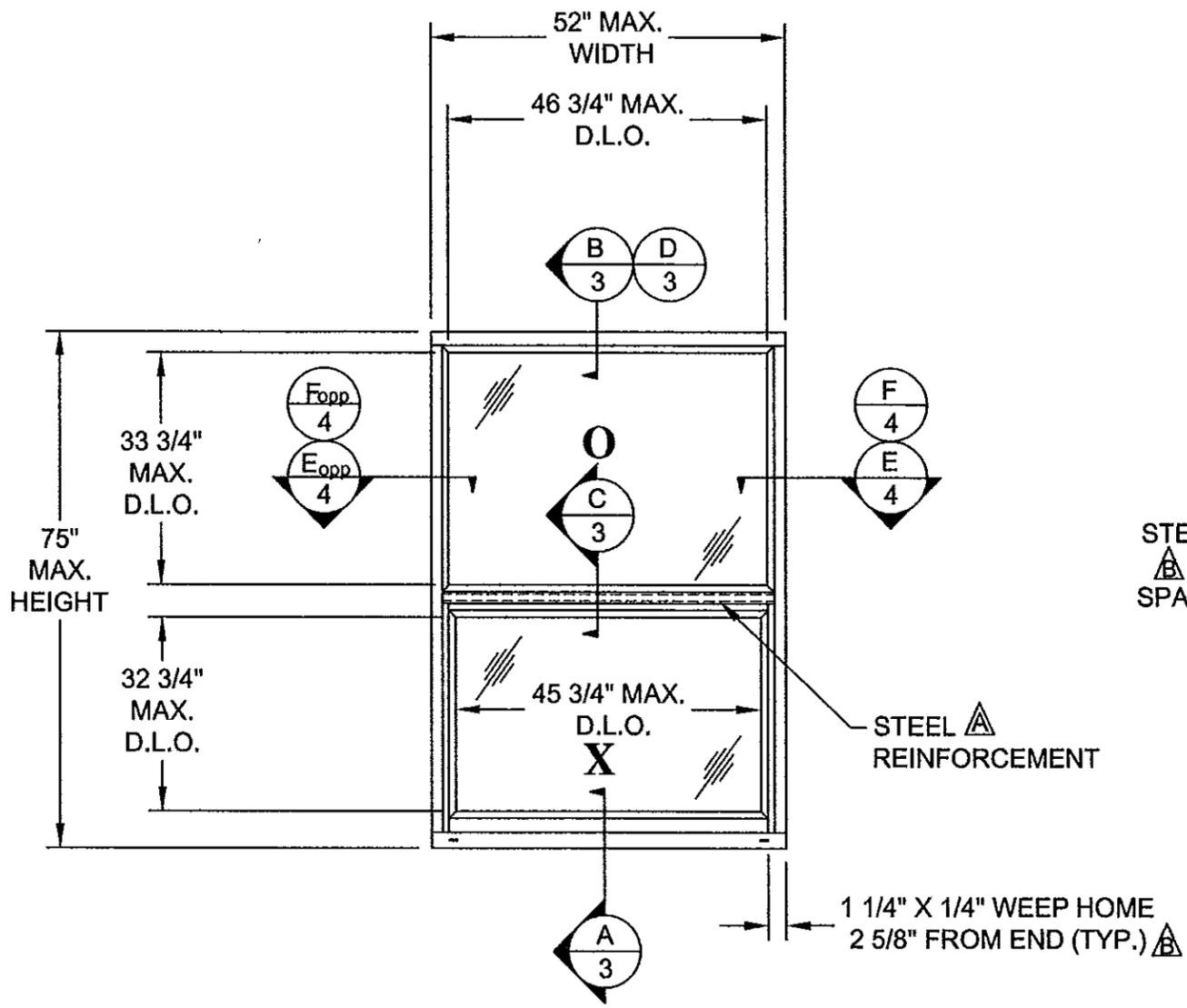
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SCALE:	N.T.S.	DRAWING NO.:	RPLS0062
REV:	D	SHEET:	1 OF 5

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

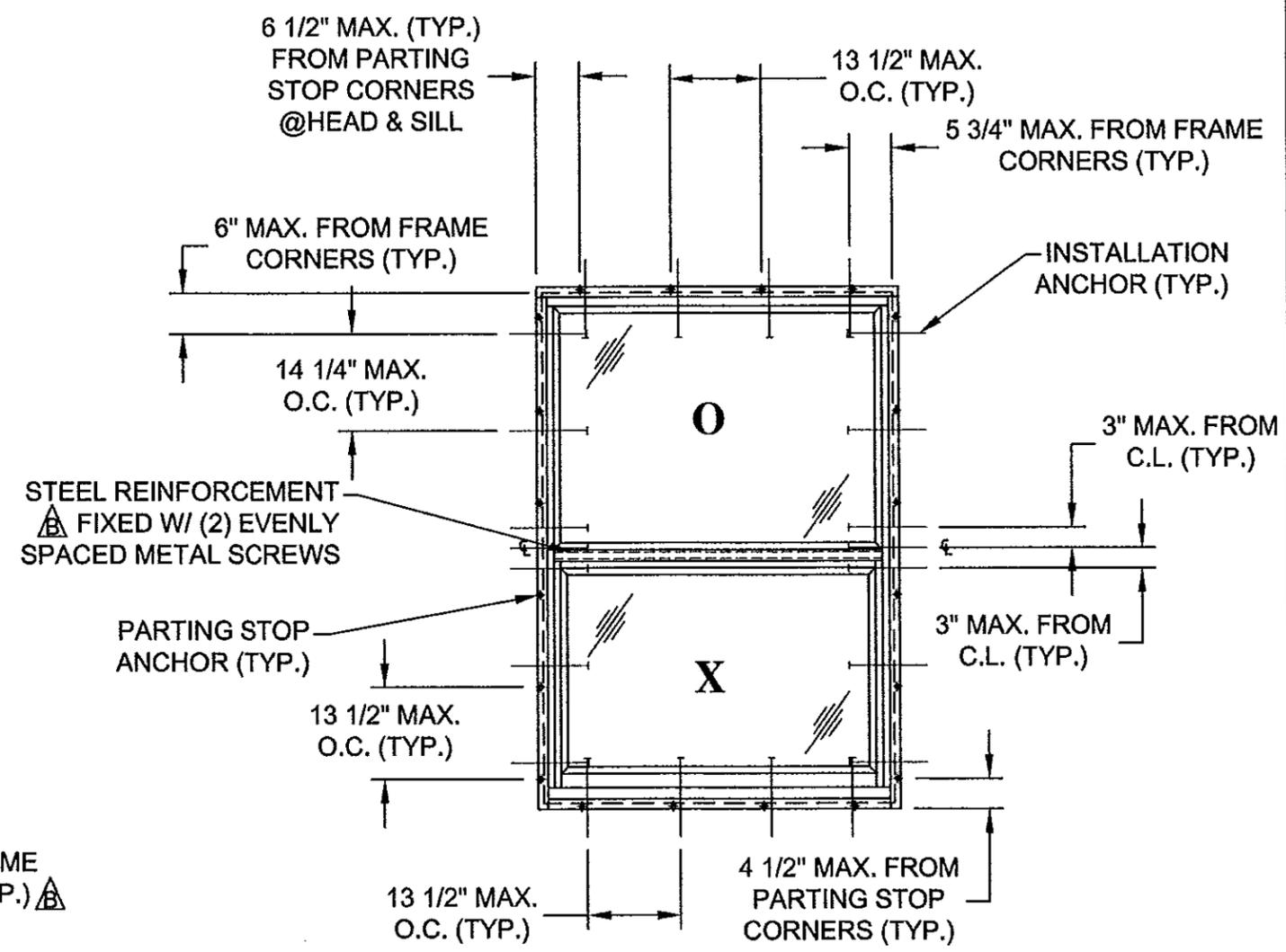
Robert J. Amoroso, P.E.
Florida P.E. No. 49752



PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-0122-07 Expiration Date 11/14/2019
By: *[Signature]*
Miami Dade Product Control



ELEVATION 
EXTERIOR VIEW



ANCHOR LAYOUT
EXTERIOR VIEW

PROJECT #413-1019		RJA	TJH	SMC	BY
REVISE PVC MANUF. AND NOA NO.	12/7/13				DATE
UPDATE TO 2010 FBC	02/07/12				DATE
PER MIAMI-DADE COMMENTS DATED 4/28/09	05/26/09				DATE
D	C	B	REV	DESCRIPTION	

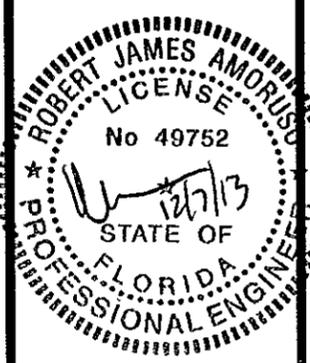
REGENCY PLUS, INC.
1024 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI
ELEVATION AND ANCHOR LAYOUT

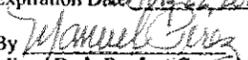
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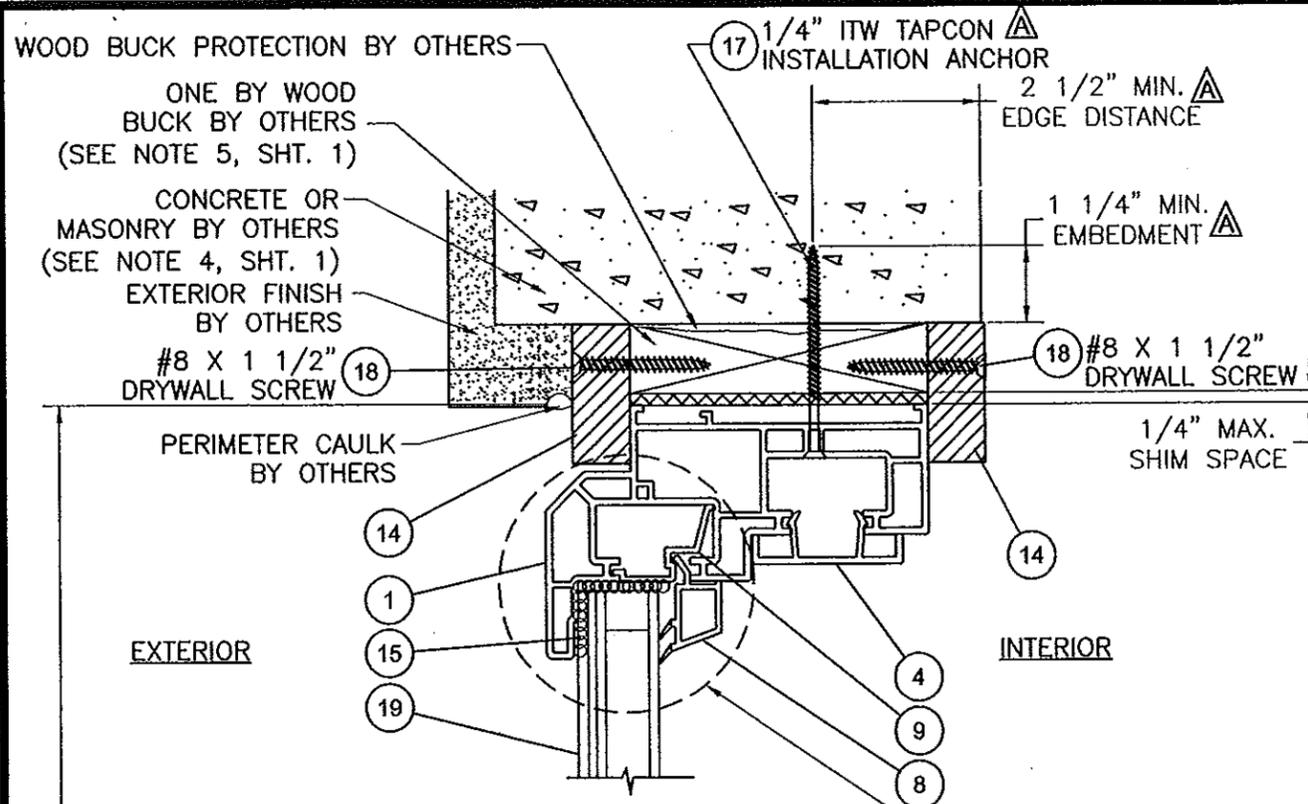
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Florida P.E. No. 49752

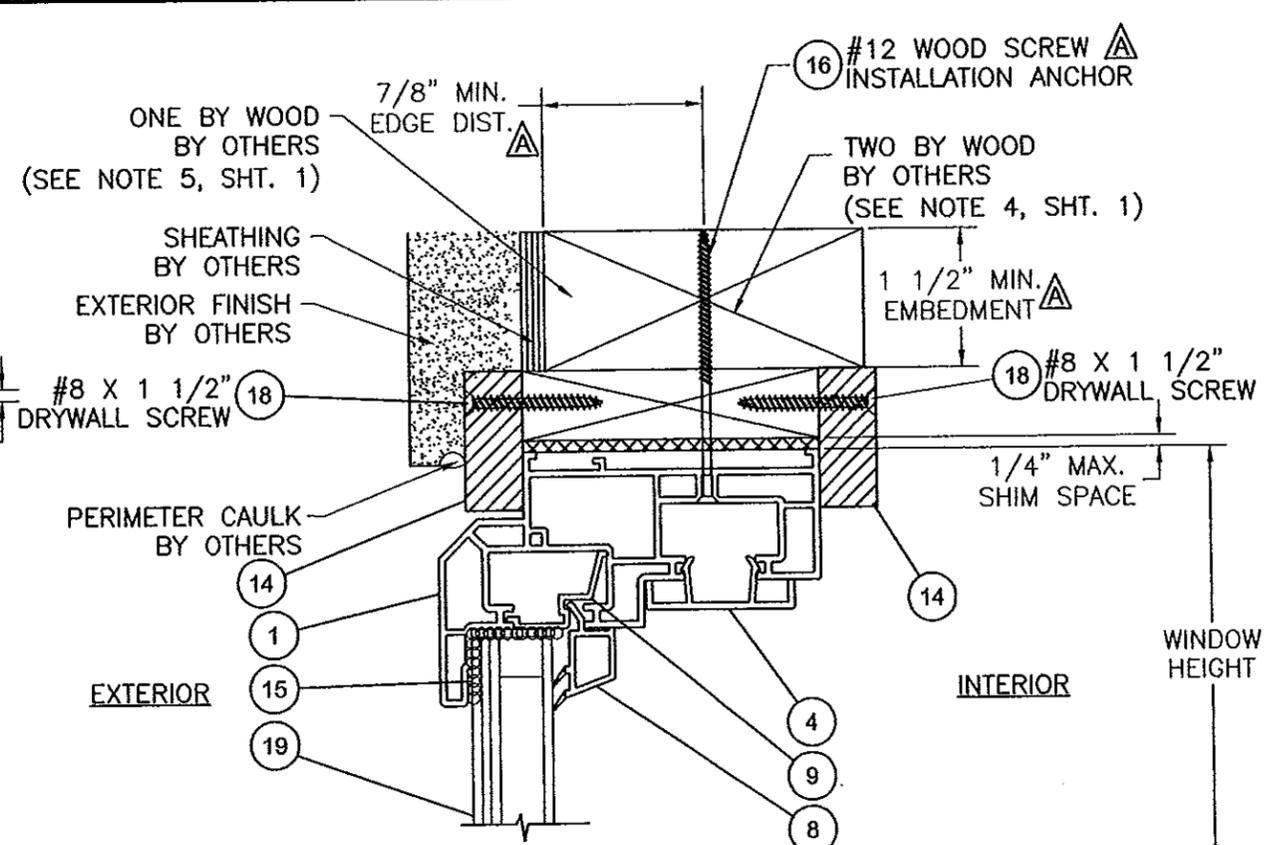


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-022-07
Expiration Date July 22, 2019

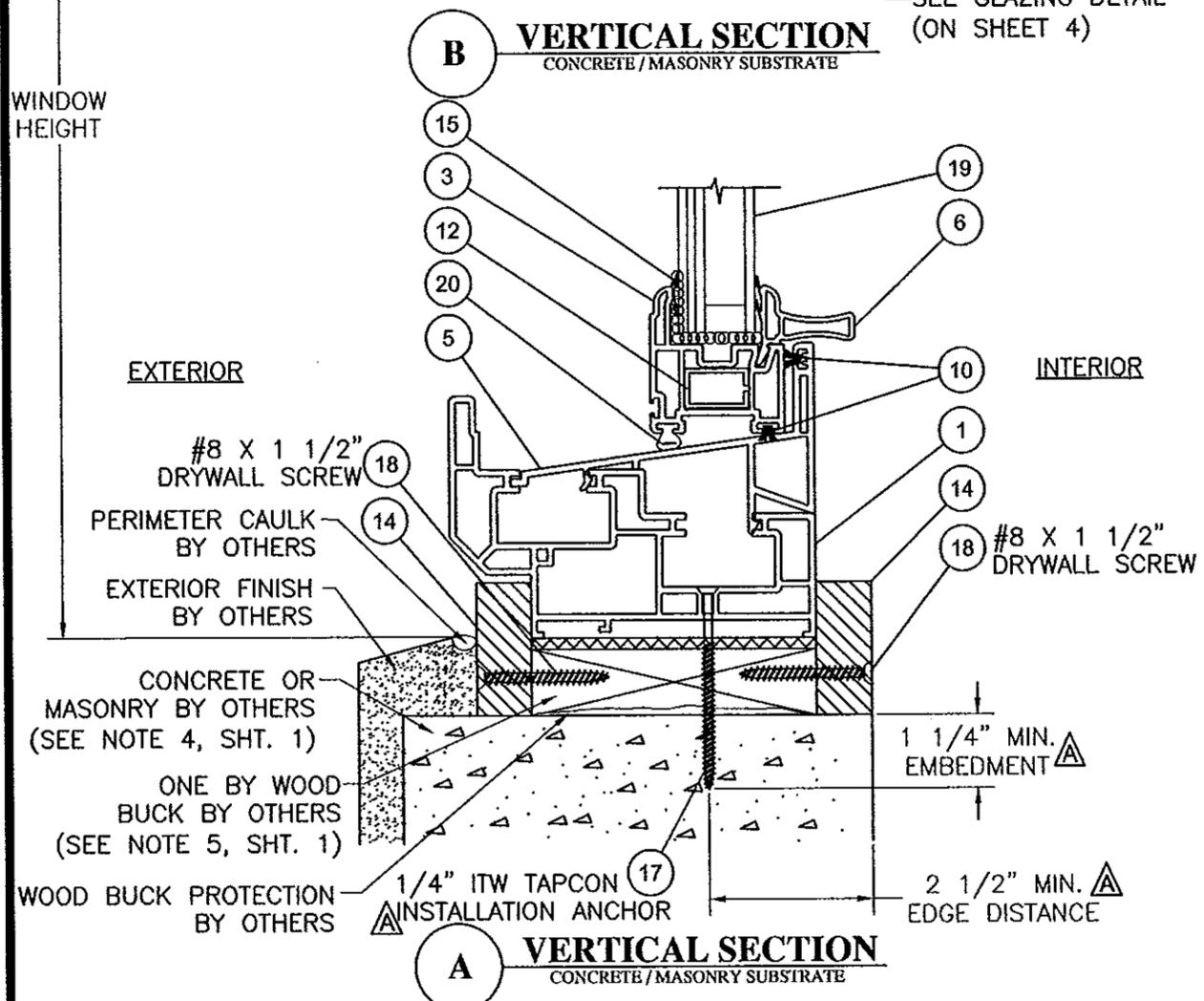
By 
Miami Dade Product Control



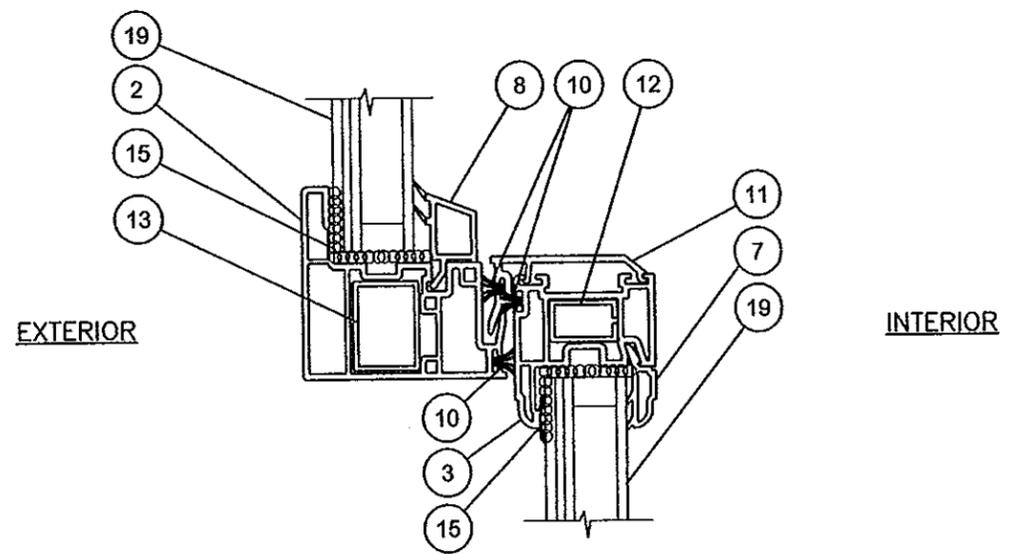
A VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



D VERTICAL SECTION
WOOD SUBSTRATE



B VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE

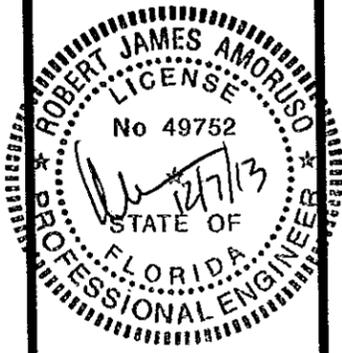


C VERTICAL SECTION
SASH AT FIXED RAIL

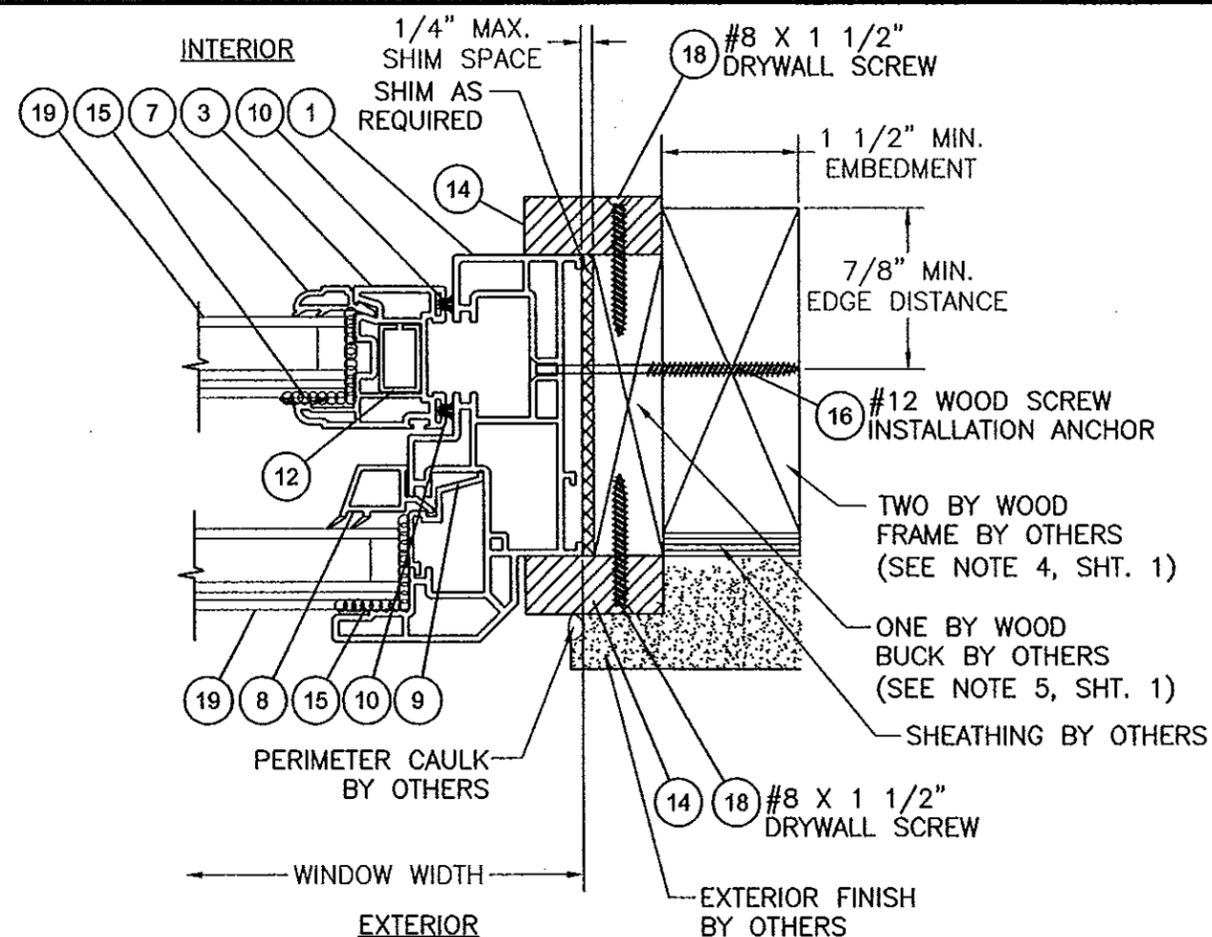
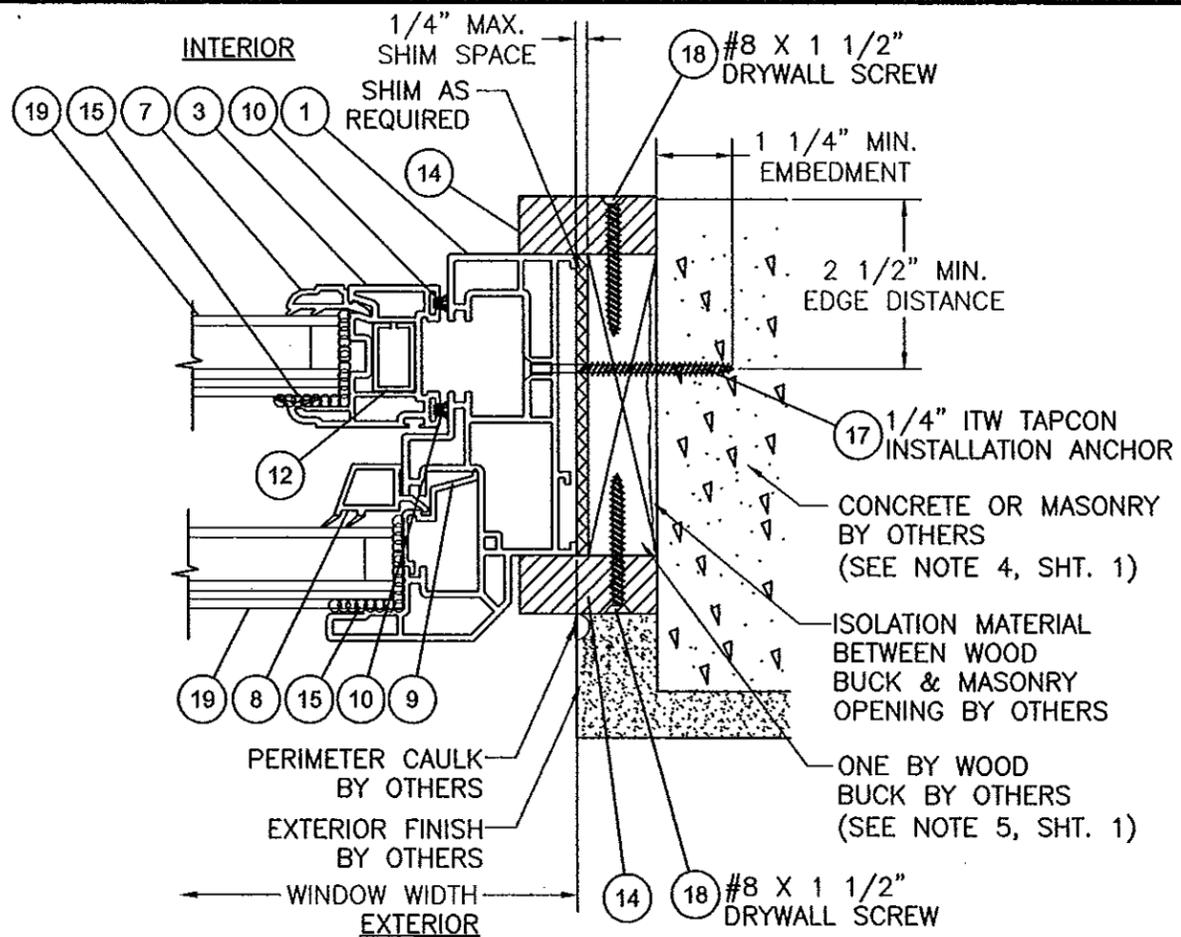
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REVISE PVC MANUF. AND NOA NO.	12/7/13	02/07/12	05/26/09
DATE			
UPDATE TO 2010 FBC	C	B	REV
PER MIAMI-DADE COMMENTS DATED 4/28/09			
DESCRIPTION			

REGENCY PLUS, INC. 1024 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	DATE: 11/26/08
TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI VERTICAL SECTIONS	DRAWING NO: RPLS0062
DRAWN BY: SMC	SCALE: N.T.S.
PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@pic-corp.com FBPE Cert. of Auth. No. 25935	SHEET: 3 OF 5

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



PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 14-0122-07
Expiration Date July 27, 2014
By *Manuel Perez*
Miami Dade Product Control

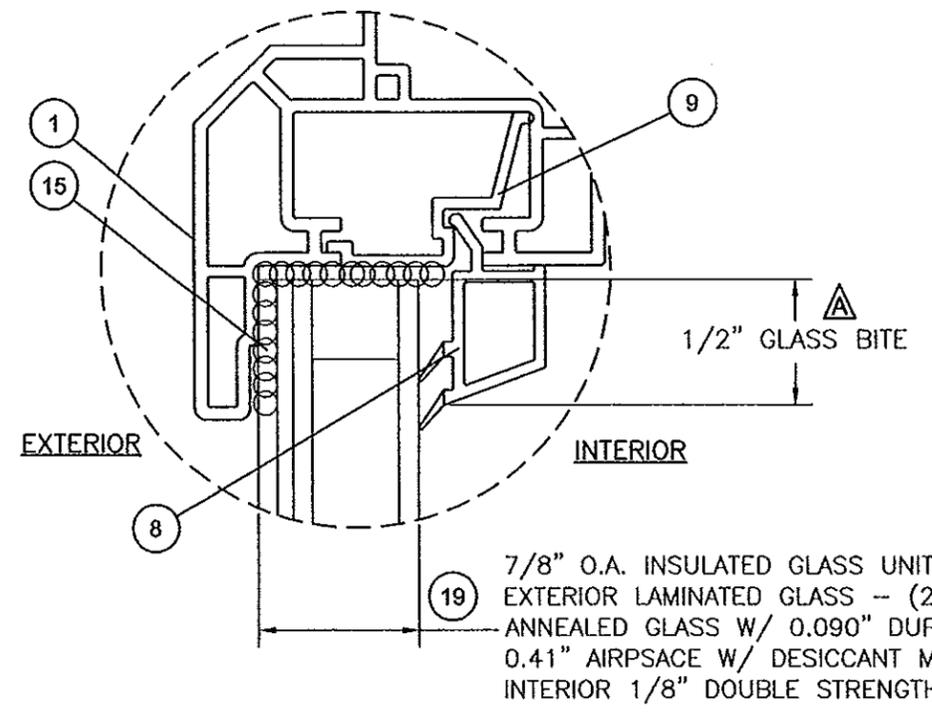


E HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE

F HORIZONTAL SECTION
WOOD SUBSTRATE

BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL	MANUFACTURER
1	MAIN FRAME	WHITE RIGID PVC	**RWDP Δ
2	FIXED MEETING RAIL	WHITE RIGID PVC	**RWDP Δ
3	SASH & MEETING RAIL	WHITE RIGID PVC	**RWDP Δ
4	PANEL STOP / FRAME COVER	WHITE RIGID PVC	**RWDP Δ
5	SLOPED SILL COVER	WHITE RIGID PVC	**RWDP Δ
6	GLAZING STOP WITH HANDLE	WHITE RIGID PVC	**RWDP Δ
7	GLAZING STOP (OPERABLE SASH)	WHITE RIGID PVC	**RWDP Δ
8	GLAZING STOP (FIXED FRAME)	WHITE RIGID PVC	**RWDP Δ
9	POCKET INSERT	WHITE RIGID PVC	**RWDP Δ
10	0.270" HIGH CENTER FIN WEATHERSTRIP	VINYL	----
11	INTERLOCK COVER	WHITE RIGID PVC	**RWDP Δ
12	REINFORCEMENT (SASH) 15 GA.	STEEL ALLOY 1008/1010* Δ	REGENCY PLUS, INC.
13	REINFORCEMENT (FIXED MEETING RAIL) 15 GA.	STEEL ALLOY 1008/1010* Δ	REGENCY PLUS, INC.
14	PARTING STOP	WOOD PT SYP	G=0.55 MIN.
15	SIKA FLEX 552 SILICONE	SILICONE	SIKA
16	#12 WOOD SCREW (INSTALLATION ANCHOR)	STEEL	----
17	1/4" ITW TAPCON (INSTALLATION ANCHOR)	STEEL	ITW
18	#8 X 1 1/2" DRYWALL SCREW	STEEL	----
19	7/8" O.A. INSULATED GLASS (SEE GLAZING DETAIL ON SHEET 4)	GLASS	----
20	BULB VINYL WEATHERSTRIP	VINYL	----



GLAZING DETAIL

*ASTM A-A1008A / A109 Δ

Δ ** RWDP: ROYAL WINDOWS AND DOOR PROFILES, PLANT NO. 13 (NOA NO. 12-1120.02).

PROJECT #413-1019	DATE	BY
REVISE PVC MANUF. AND NOA NO.	12/7/13	RJA
UPDATE TO 2010 FBC	02/07/12	TJH
PER MIAMI-DADE COMMENTS DATED 4/28/09	05/26/09	SMC
DESCRIPTION		

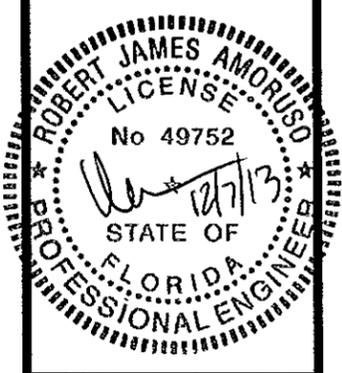
REGENCY PLUS, INC.
1024 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI HORIZONTAL SECTIONS, GLAZING DETAIL & BILL OF MATERIALS

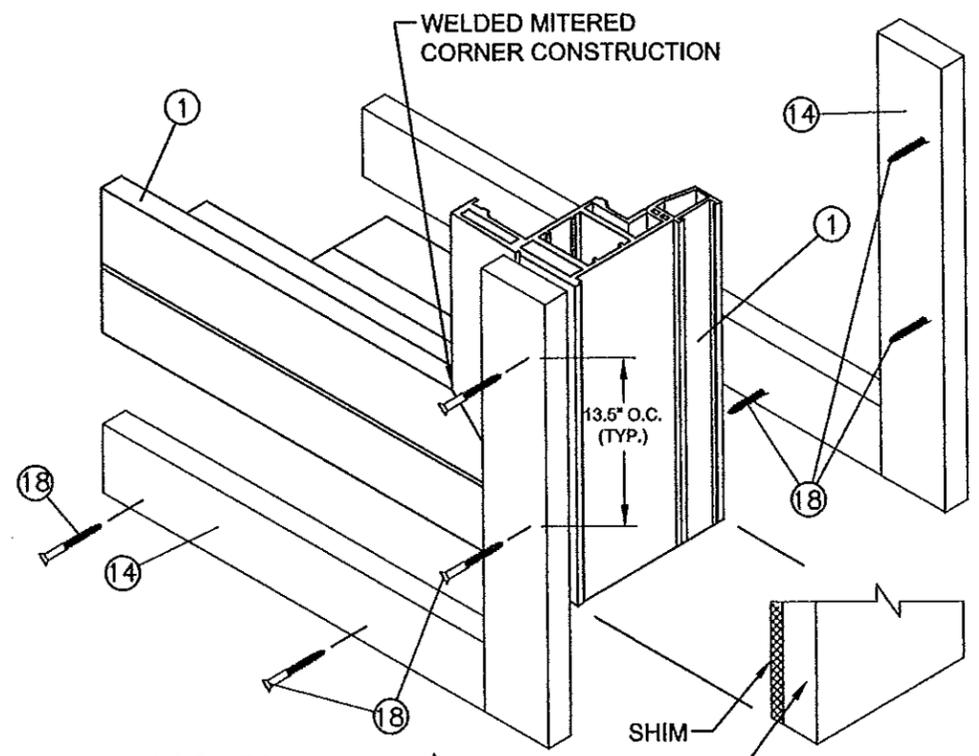
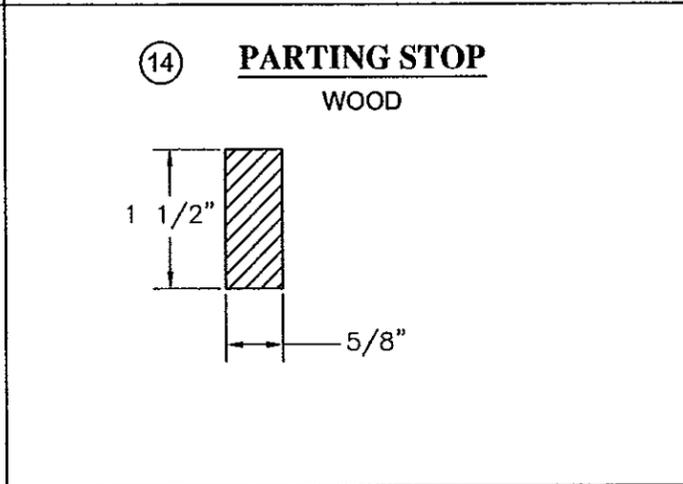
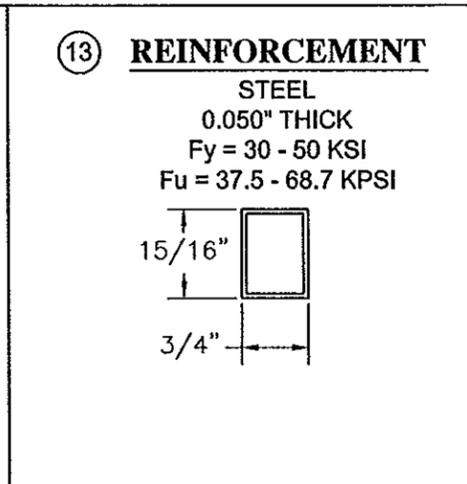
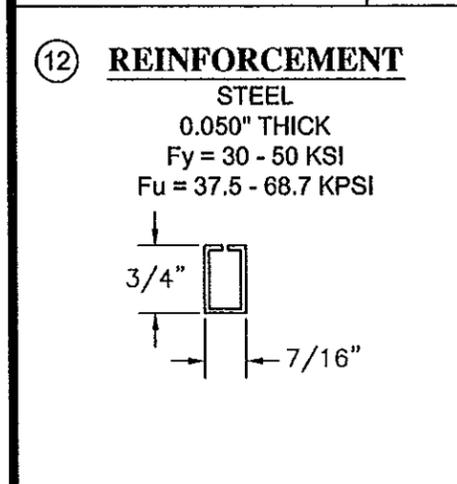
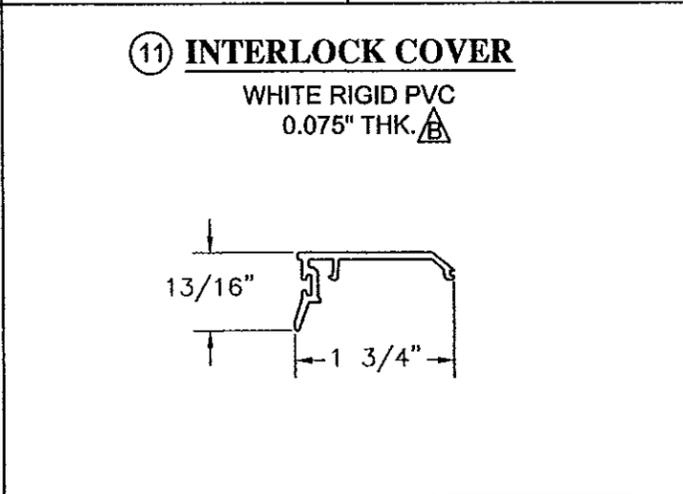
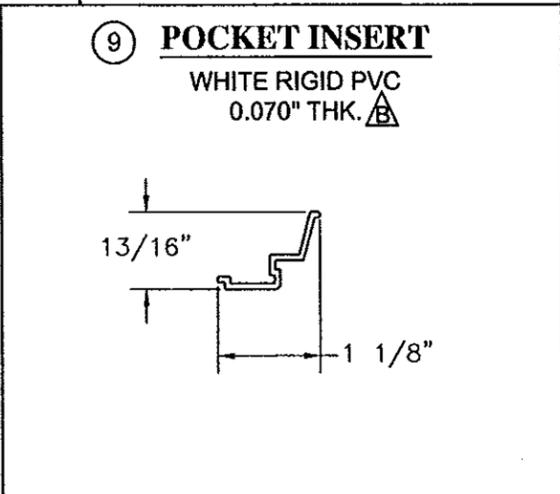
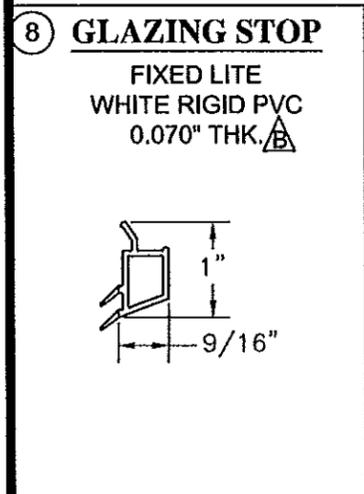
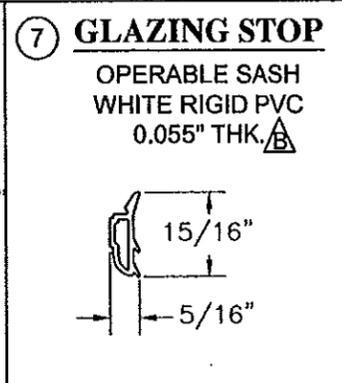
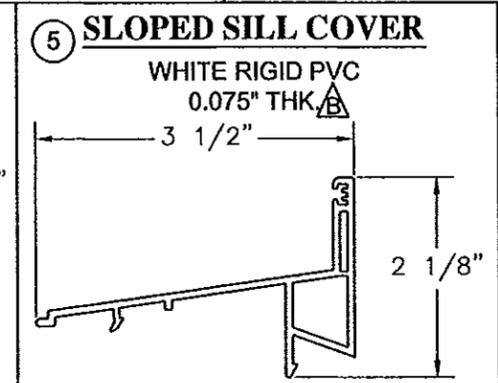
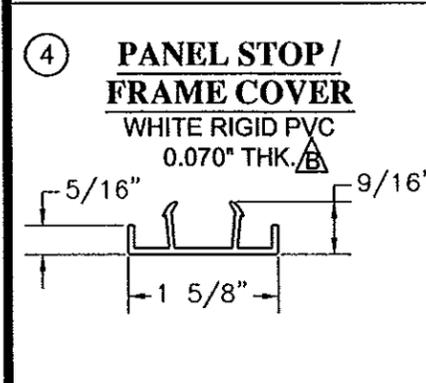
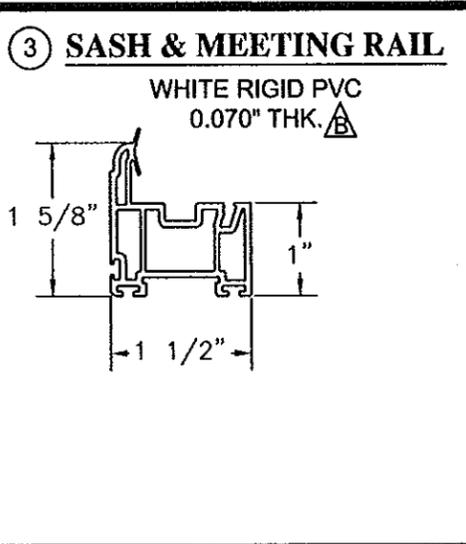
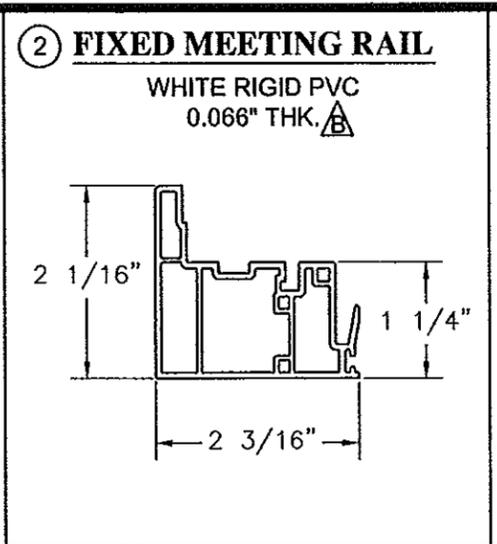
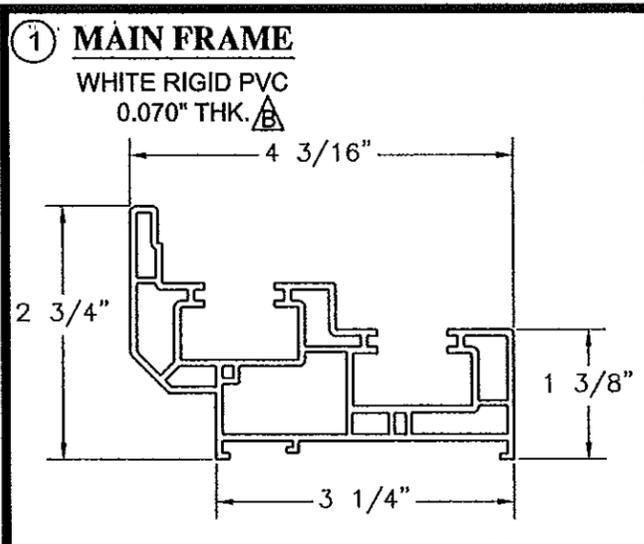
DATE: 11/26/08
DRAWING NO: RPLS0062
SCALE: N.T.S.
SHEET: 4 OF 5

PTC Product Design Group, LLC
PO Box 520775, Longwood, FL 32752-0775
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FBPE Cert. of Auth. No. 25935

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



PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-0128-07 Expiration Date: 6/17/2019
By: *Manuel Perez*
Miami Dade Product Control



NOTE: **CORNER DETAIL** Δ
PARTING STOP EXTERIOR PERIMETER
TO BE SEALED TO 1X PT WOOD BUCK
WITH SIKA 551 SILICONE

PROJECT #413-1019

REV	DESCRIPTION	DATE	BY
D	REVISE PVC MANUF. AND NOA NO.	12/7/13	RJA
C	UPDATE TO 2010 FBC	02/07/12	TJH
B	PER MIAMI-DADE COMMENTS DATED 4/28/09	05/26/09	SMC

REGENCY PLUS, INC.
1024 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

TITLE: **IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI COMPONENTS & CORNER DETAIL**

DATE: 11/26/08
DRAWN BY: SMC
SCALE: N.T.S.
DRAWING NO: RPLS0062
REV: D
SHEET: 5 OF 5

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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0128.07
Expiration Date: 04/22/2019

By: *Manuel Perez*
Miami Dade Product Control