



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Regency Plus, Inc.
1024 Locust Gap Highway
Mt. 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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 A dated 04/15/09, prepared by PTC LLC, signed and sealed by Paul E. Winter, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

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 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 08-1210.13
Expiration Date: July 22, 2014
Approval Date: July 22, 2009
 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 - L.M.I", dated 11/26/08 with revision A dated 04/15/09, prepared by PTC LLC, signed and sealed by Paul E. Winter, 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 202-94
along 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 09/03/08, with addendum letters dated 03/31/09 and 05/01/09, all signed and sealed by Harold Rupp, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by PTC LLC, dated 11/21/08, signed and sealed by Paul E. Winter, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

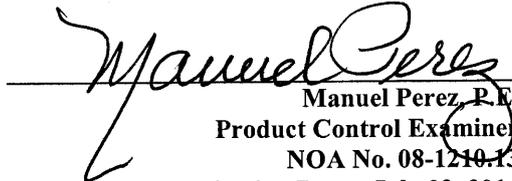
1. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.
2. Notice of Acceptance No. **07-1016.05** issued to Dominion Plastics, Inc. for their "**White PVC Plastic Extrusions**" dated 11/15/07, expiring on 10/24/12.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated December 2, 2008, signed and sealed by Paul E. Winter, P.E.

G. OTHERS

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-1210-13
Expiration Date: July 22, 2014
Approval Date: July 22, 2009

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 FLORIDA BUILDING CODE (FBC) 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 CURRENT 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 (N.O.A. 07-1016.05)
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.
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 #12 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, ACI 318-05, ACI 355 AND FBC.
 - C. MASONRY - STRENGTH CONFORMS TO ACI 530-05, ASTM C-90 AND FBC, GRADE "N", TYPE 1 (OR GREATER).

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	A	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	B	ELEVATION AND ANCHOR LAYOUT
3	A	VERTICAL SECTIONS
4	B	HORIZONTAL SECTIONS, GLAZING DETAIL & BILL OF MATERIALS
5	B	COMPONENTS & CORNER DETAIL

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

APPROVED BY: Paul E. Winter	DATE: 05/26/09
REV	DESCRIPTION
A	PER MIAMI-DADE COMMENTS DATED 3/3/09
REV	DATE
	04/15/09
	SMC

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

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

DRAWN BY: SMC DATE: 11/26/08
SCALE: N.T.S. DRAWING NO: RPLS0062
REV: A SHEET: 1 OF 5

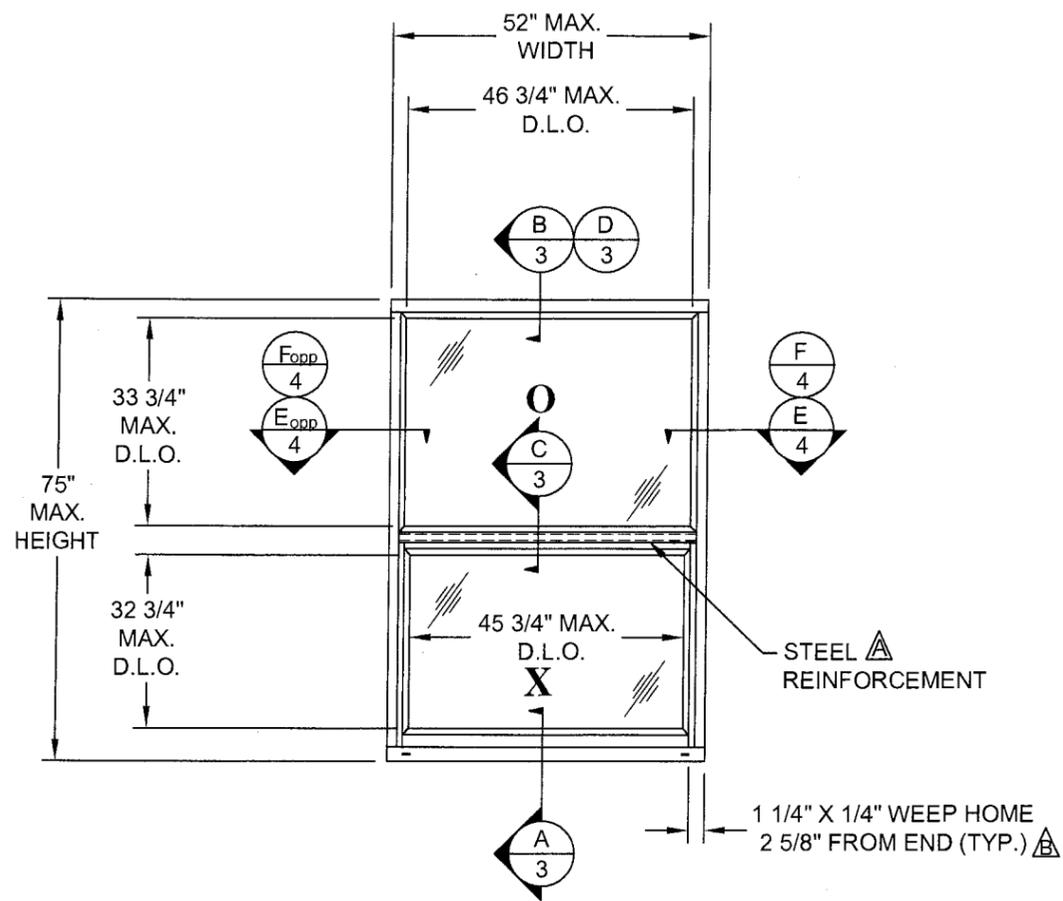
PREPARED BY:

PFC, LLC
Phone 321.690.1788
Fax 321.690.1789

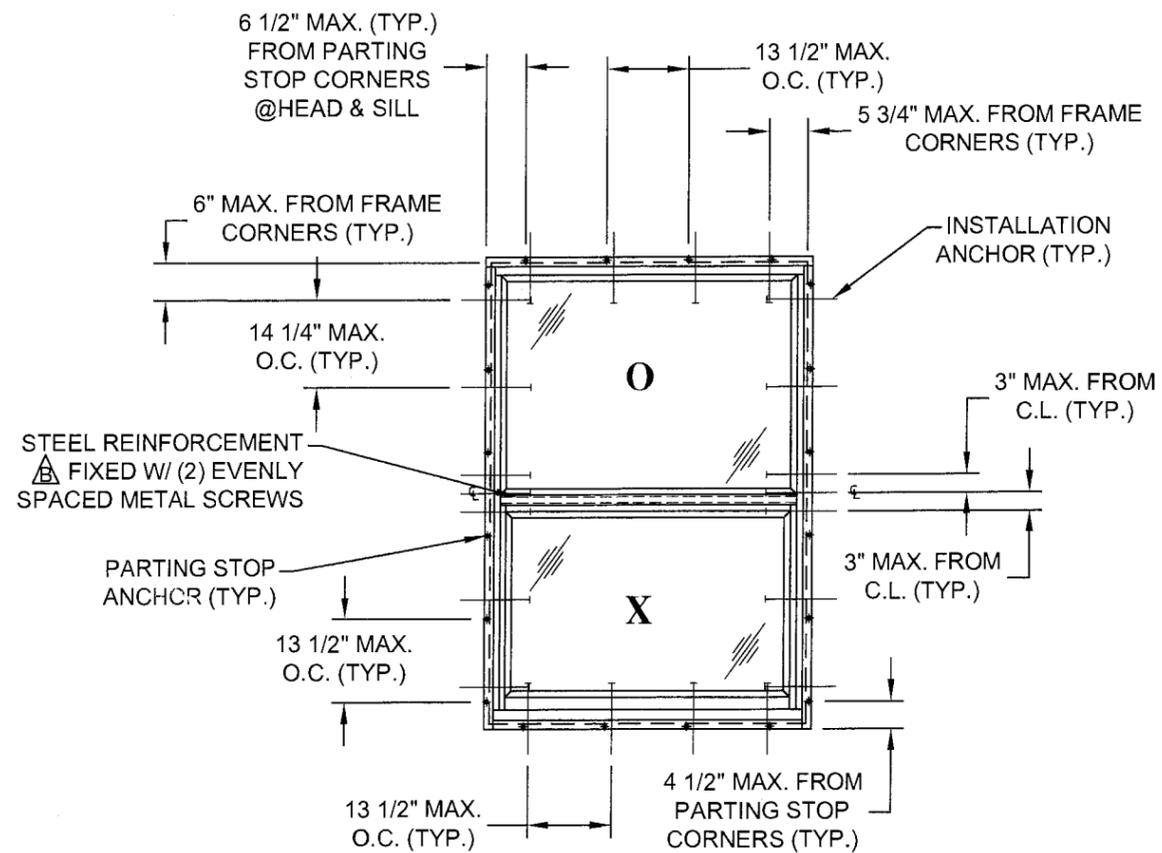
PROJECT #08-1007-21
Paul E. Winter
Florida P.E. No. 22853

PFC, LLC
1535 N. Coaswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25335

Approved as complying with the
Florida Building Code
Date July 22, 2009
NOA# 08-1270-13
Miami Dade Product Control
Division
By Manuel Perry



ELEVATION Δ
EXTERIOR VIEW



ANCHOR LAYOUT
EXTERIOR VIEW

APPROVED BY: Paul E. Winter	DATE: 05/26/09
B	PER MIAMI-DADE COMMENTS DATED 4/28/09
A	PER MIAMI-DADE COMMENTS DATED 3/3/09
REV	DESCRIPTION
	DATE
	BY

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

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

PREPARED BY: SMC
SCALE: N.T.S.
REV: B

DATE: 11/26/08
DRAWING NO: RPLS0062
SHEET: 2 OF 5

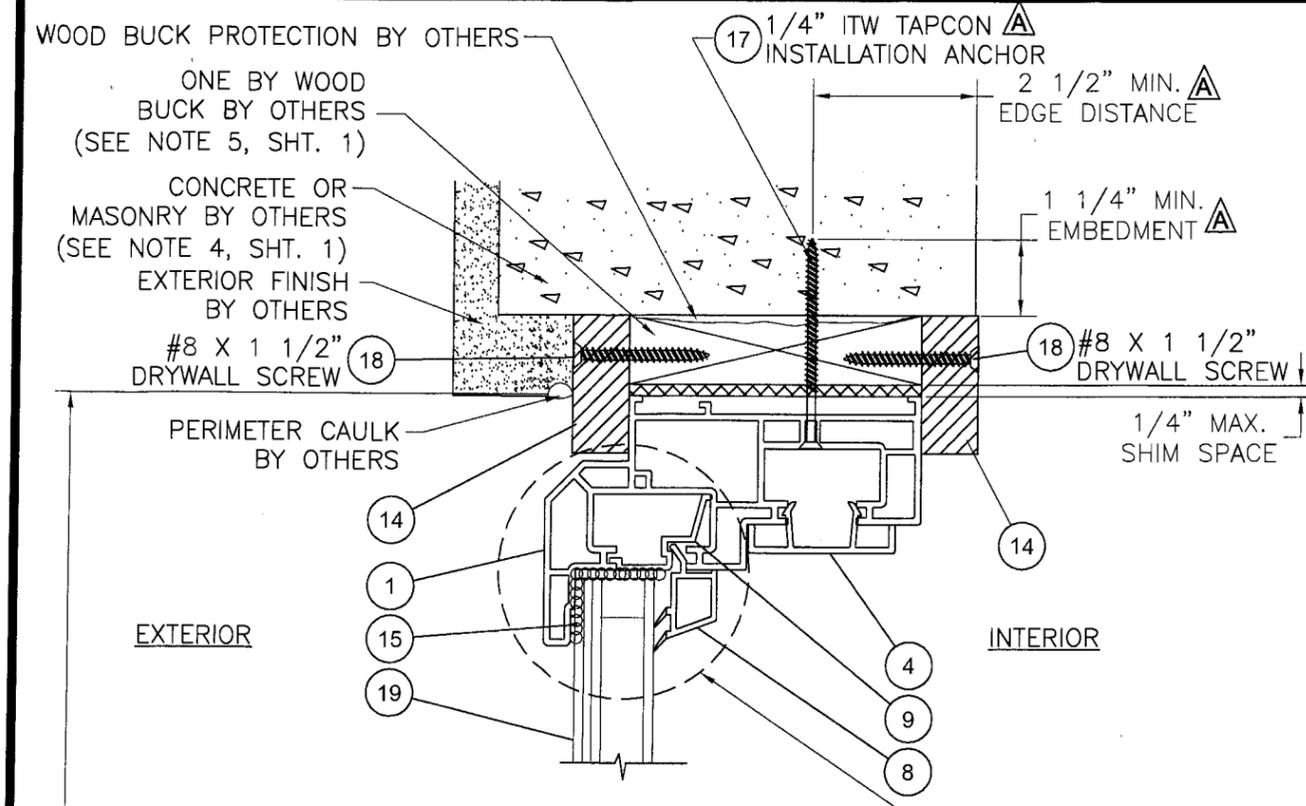
FP
PTC, LLC
Phone 321.690.1788
Fax 321.690.1789

PROJECT #308-1007.21
Paul E. Winter
Florida P.E. No. 22993

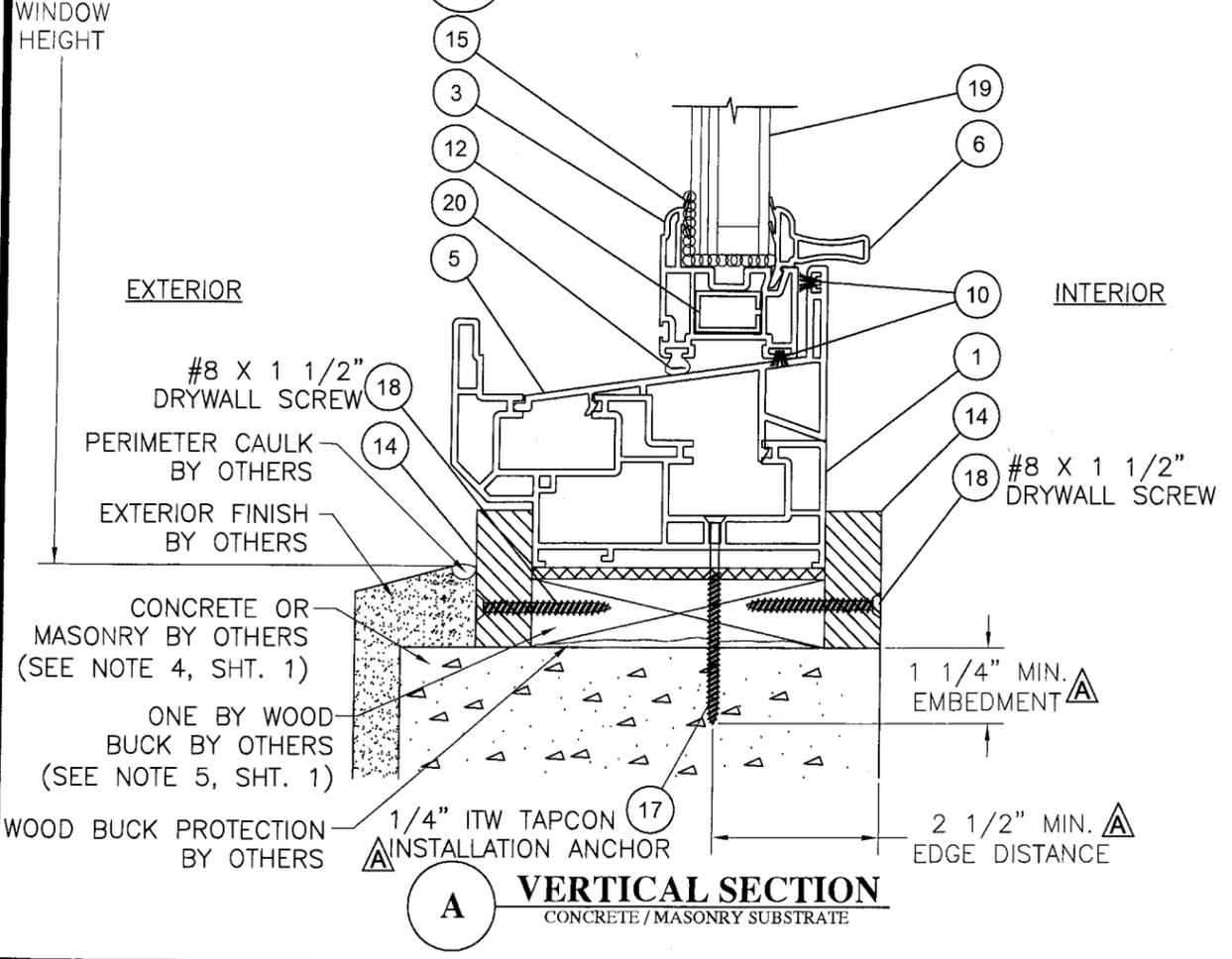
Paul E. Winter
5/27/09

PTC, LLC
1535 N. Congress Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

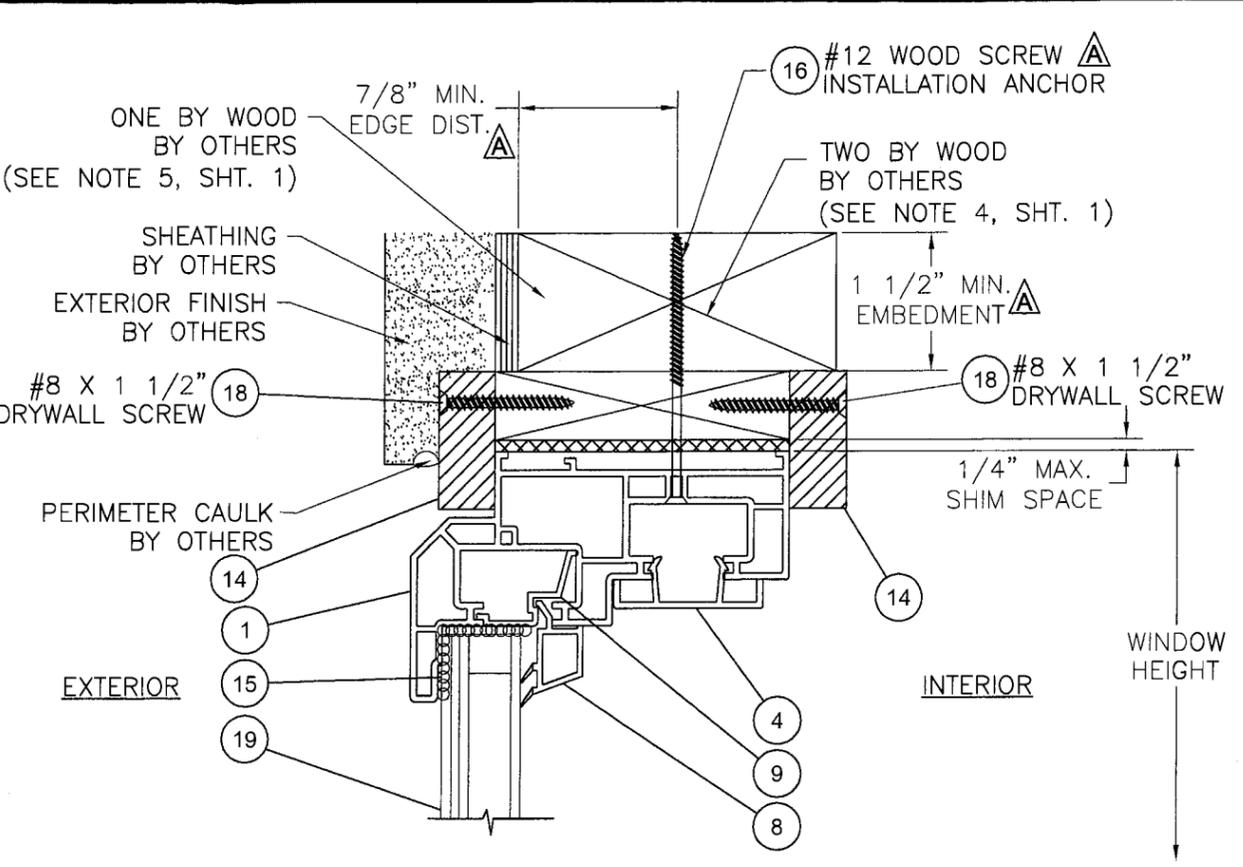
Approved as complying with the
Florida Building Code
Date July 22, 2009
NOA# 08-1210-13
Miami Dade Product Control
Division
By *Walter Perry*



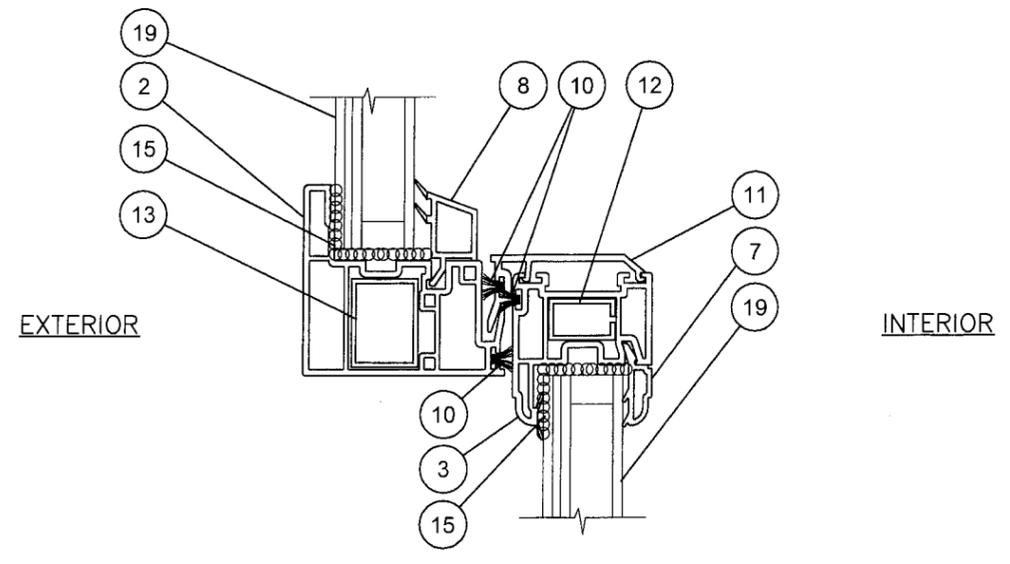
B VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



A VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



D VERTICAL SECTION
WOOD SUBSTRATE



C VERTICAL SECTION
SASH AT FIXED RAIL

DATE:	05/26/09
APPROVED BY:	Paul E. Winter
PER MIAMI-DADE COMMENTS DATED 9/3/09	04/15/09
DESCRIPTION	SMC
REV	DATE
A	REV

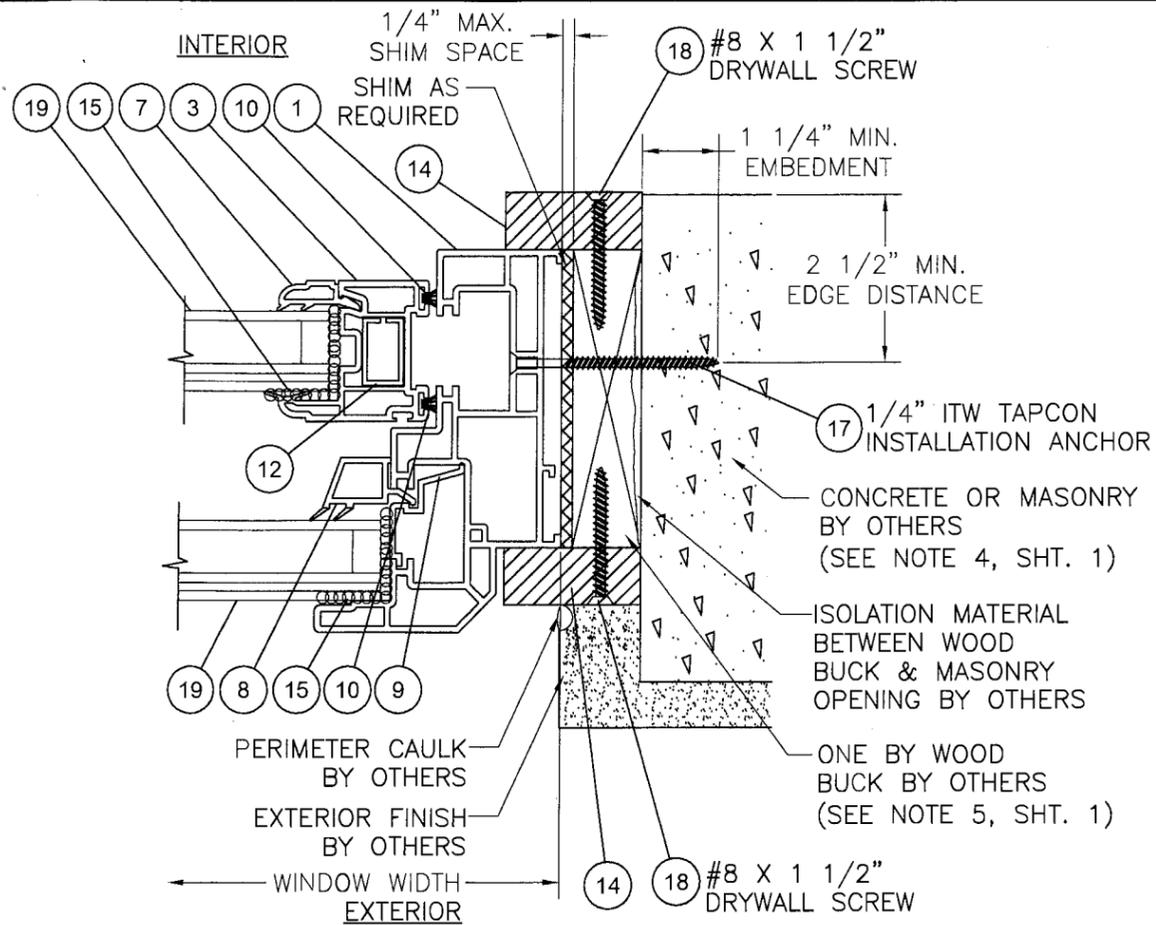
PROJECT #308-1007.21	DATE:	11/26/08
REGENCY PLUS, INC.	DRAWN BY:	SMC
1024 LOCUST GAP HIGHWAY	SCALE:	N.T.S.
MT. CARMEL, PA 17851	DRAWING NO:	RPLS0062
TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI	REV:	A
VERTICAL SECTIONS	SHEET:	3 OF 5
PREPARED BY:	REV:	A
PTC, LLC		
Phone 321.690.1788		
Fax 321.690.1789		

Paul E. Winter
Florida P.E. No. 22993

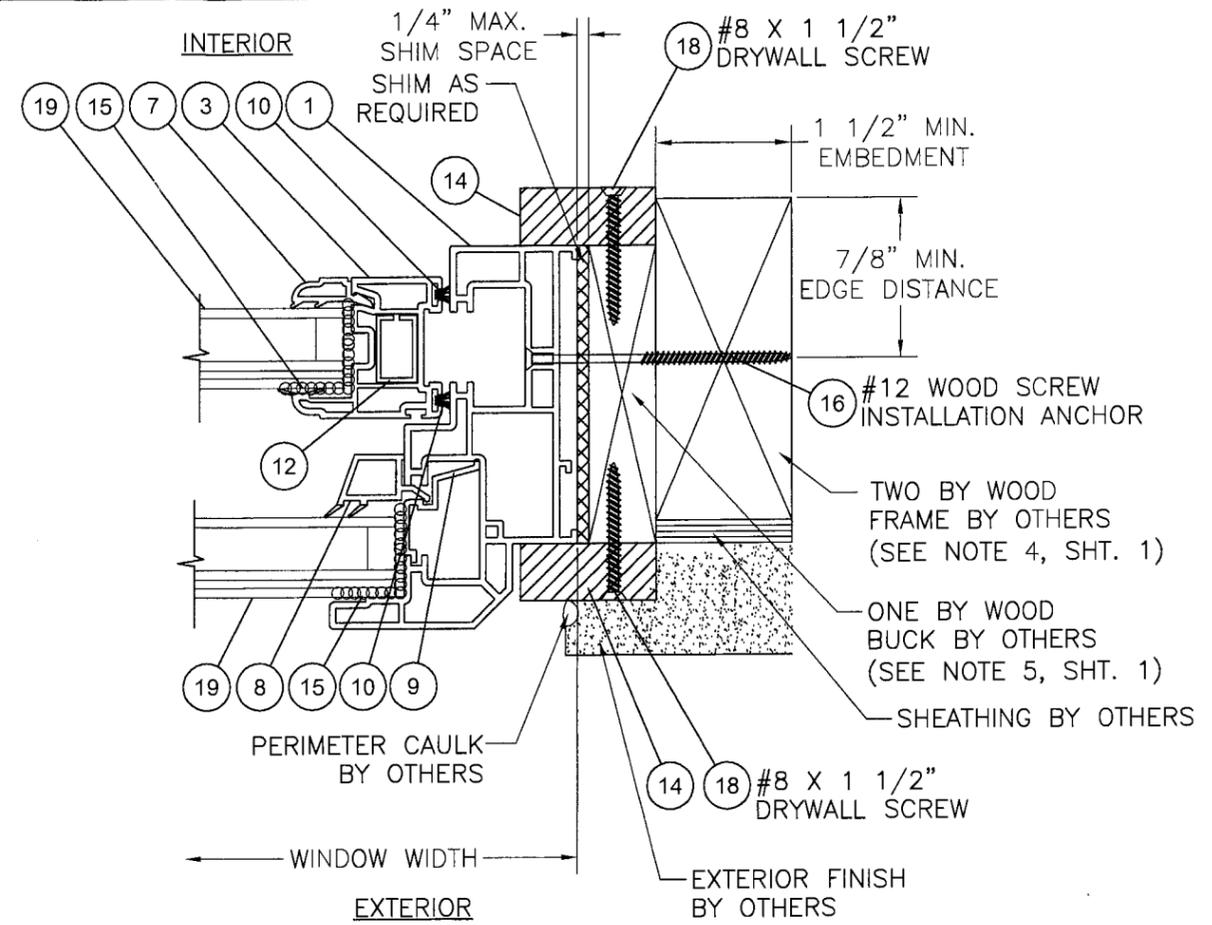
Paul E. Winter
5/27/09

PTC, LLC
1535 N. Cagwell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization No. 25835

Approved as complying with the Florida Building Code
Date JULY 22, 2009
NOA# 08-1210-13
Miami Dade Product Control Division
By *Mameel Perez*



E HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE

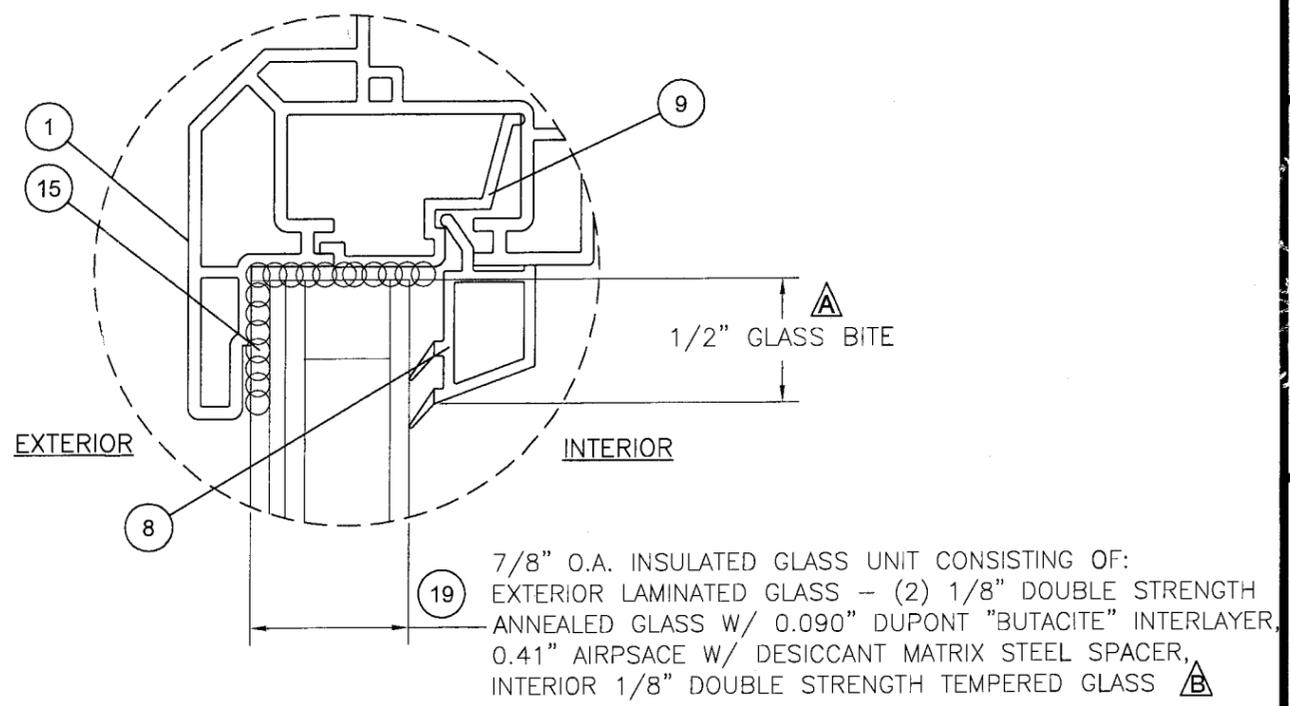


F HORIZONTAL SECTION
WOOD SUBSTRATE

BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL	MANUFACTURER
1	MAIN FRAME	WHITE RIGID PVC	DOMINION PLASTICS
2	FIXED MEETING RAIL	WHITE RIGID PVC	DOMINION PLASTICS
3	SASH & MEETING RAIL	WHITE RIGID PVC	DOMINION PLASTICS
4	PANEL STOP / FRAME COVER	WHITE RIGID PVC	DOMINION PLASTICS
5	SLOPED SILL COVER	WHITE RIGID PVC	DOMINION PLASTICS
6	GLAZING STOP WITH HANDLE	WHITE RIGID PVC	DOMINION PLASTICS
7	GLAZING STOP (OPERABLE SASH)	WHITE RIGID PVC	DOMINION PLASTICS
8	GLAZING STOP (FIXED FRAME)	WHITE RIGID PVC	DOMINION PLASTICS
9	POCKET INSERT	WHITE RIGID PVC	DOMINION PLASTICS
10	0.270" HIGH CENTER FIN WEATHERSTRIP	VINYL	----
11	INTERLOCK COVER	WHITE RIGID PVC	DOMINION PLASTICS
12	REINFORCEMENT (SASH) 15 GA.	STEEL ALLOY 1008/1010*	REGENCY PLUS, INC.
13	REINFORCEMENT (FIXED MEETING RAIL) 15 GA.	STEEL ALLOY 1008/1010*	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	----

*ASTM A-A1008A / A109



GLAZING DETAIL

DATE:	05/26/09	SMC	BY
APPROVED BY:	Paul E. Winter	PER MIAMI-DADE COMMENTS DATED 4/28/09	05/26/09
		PER MIAMI-DADE COMMENTS DATED 3/3/09	04/15/09
		DESCRIPTION	DATE

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

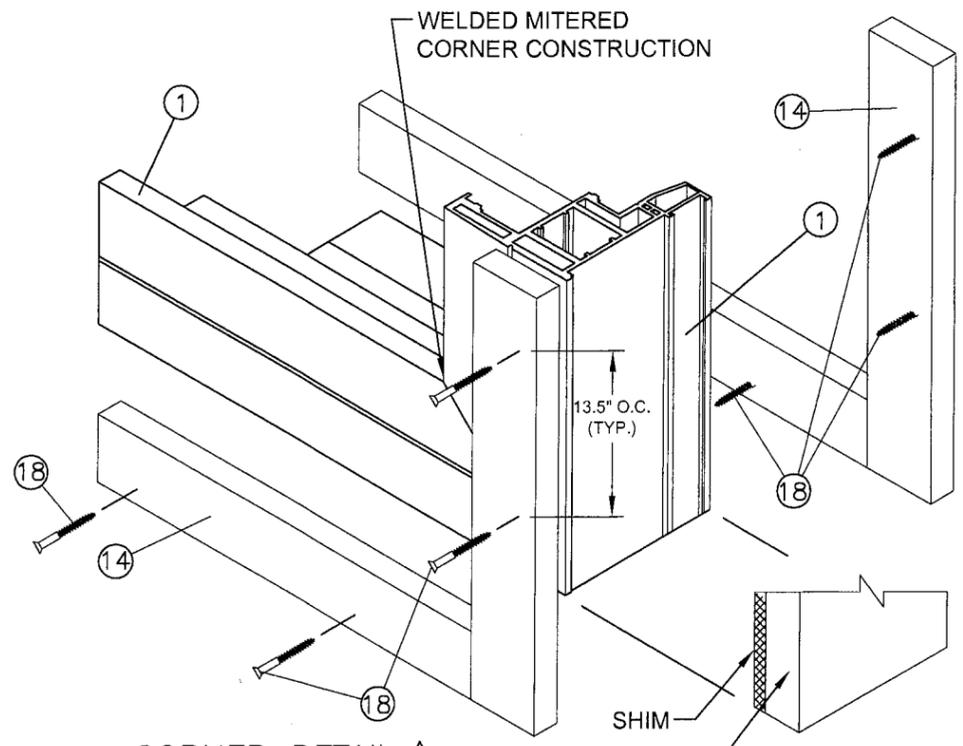
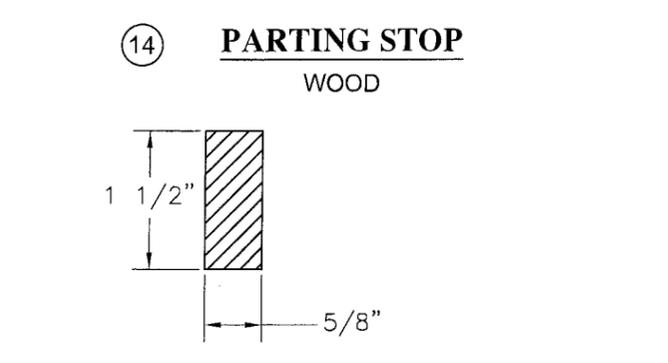
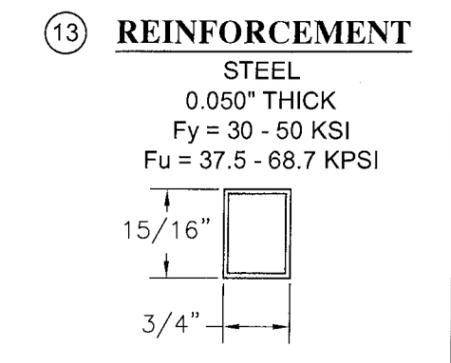
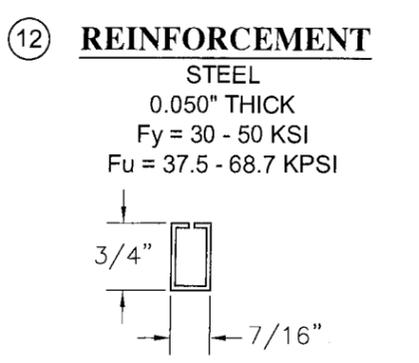
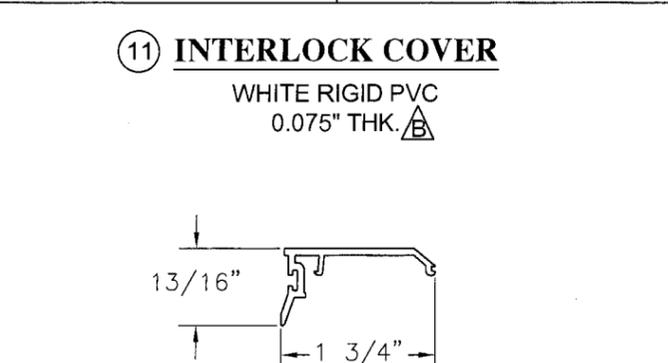
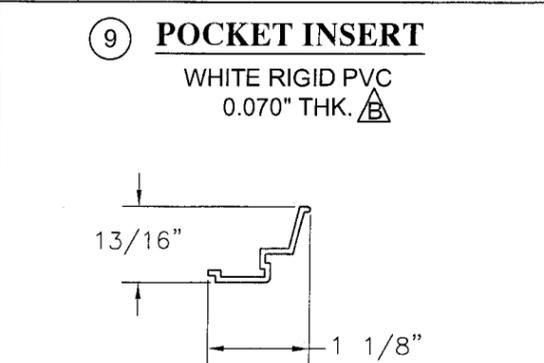
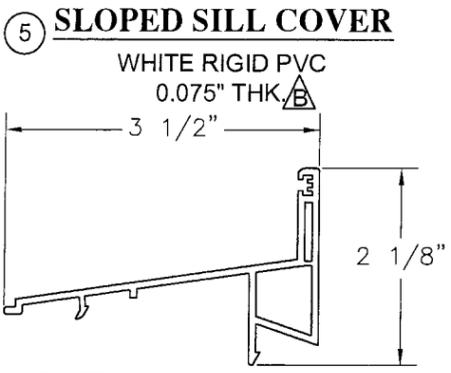
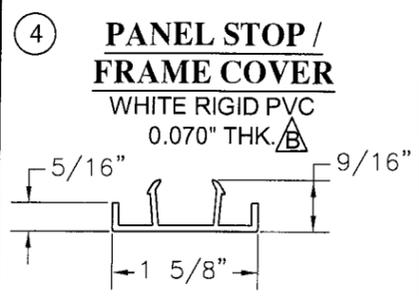
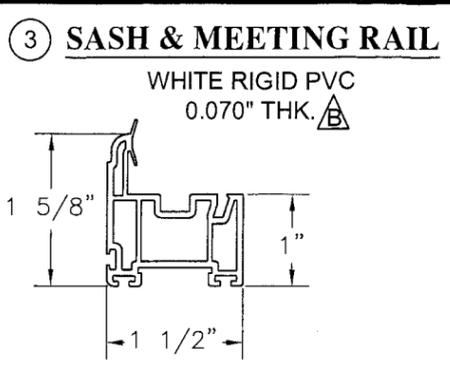
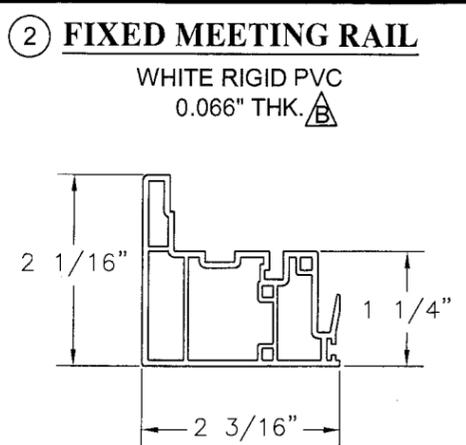
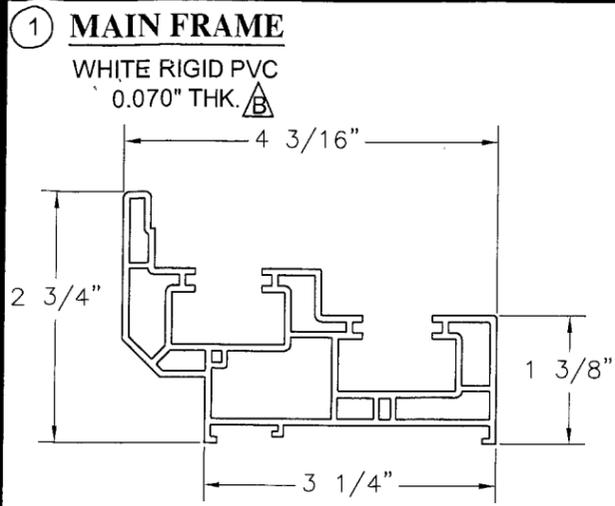
PREPARED BY: SMC
REV: B

PTC, LLC
Phone 321.690.1788
Fax 321.690.1789

PROJECT #08-1007.21
Paul E. Winter
Florida P.E. No. 22893

Signature
1535 N. Cugsweil Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 26835

Approved as complying with the Florida Building Code
Date July 22, 2009
NOA# 08-1210-13
Miami Dade Product Control
Division
By *Signature*



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

APPROVED BY: Paul E. Winter

DATE:	05/26/09
REV:	DESCRIPTION
B	PER MIAMI-DADE COMMENTS DATED 4/28/09
A	PER MIAMI-DADE COMMENTS DATED 3/3/09
SMC	05/26/09
SMC	04/15/09
BY	DATE

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

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

PREPARED BY: SMC
DATE: 11/26/08
DRAWING NO.: RPLS00062
SCALE: N.T.S.
REV: B
SHEET: 5 OF 5

PTC, LLC
Phone 321.690.1788
Fax 321.690.1789

PROJECT #308-1007-21
Paul E. Winter
Florida P.E. No. 22895

PTC, LLC
1535 N. Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 21935

[Signature]

Approved as complying with the
Florida Building Code
Date July 22, 2009
NOA# 08-1270.13
Miami Dade Product Control
Division
By *[Signature]*