



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

PGT Industries, Inc.
1070 Technology Drive
North Venice, FL 34275

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 "PW-5520 Vinyl" PVC Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. MD-5520.0 titled "Vinyl Fixed Window NOA (LM&SM)", sheets 1 through 11 of 11, dated 09/09/14, with revision B dated 06/06/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, 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 NOA# 16-0629.12 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.

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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MIAMI-DADE COUNTY
APPROVED

NOA for Fixed Window (Picture Window) 17061409.pdf

NOA No. 17-0614.09

Expiration Date: April 30, 2020

Approval Date: October 26, 2017

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 14-0930.25)
2. Drawing No. **MD-5520.0** titled "Vinyl Fixed Window NOA (LM&SM)", sheets 1 through 11 of 11, dated 09/09/14, with revision B dated 06/06/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-8717**, **FTL-8968** and **FTL-8970**, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.
(Submitted under previous NOA No. 16-0629.12)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a PVC fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7897**, dated 08/01/14, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 14-0930.25)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 09/18/14 and 04/07/15, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 14-0930.25)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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NOA for Fixed Window (Picture Window) 17061409.pdf


Manuel Perez, P.E.
Product Control Examiner

NOA No. 17-0614.09

Expiration Date: April 30, 2020

Approval Date: October 26, 2017

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 01/19/17, expiring on 07/08/19.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 06/25/15, expiring on 07/04/18.
3. Notice of Acceptance No. **16-0712.03** issued to **ENERGI Fenestration Solutions USA** for their “**White Rigid PVC Exterior Extrusions for Windows and Doors**” dated 08/10/17, expiring on 02/28/18.
4. Notice of Acceptance No. **16-0712.04** issued to **ENERGI Fenestration Solutions USA, Inc.** for their “**Bronze and Lighter Shades of Cap Coated White Rigid PVC Exterior Extrusions for Windows and Doors**” dated 09/15/16, expiring on 04/16/20.
5. Notice of Acceptance No. **16-0712.05** issued to **ENERGI Fenestration Solutions USA, Inc.** for their “**Performance Core Rigid PVC Exterior Extrusions for Windows and Doors**” dated 09/15/16, expiring on 04/16/20.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)** and **FBC 6th Edition (2017)**, dated August 29, 2017, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated June 9, 2017, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Proposal issued by Product Control, dated 6/26/14, signed by Jaime Gascon, P.E. Supervisor, Product Control Section.
(Submitted under NOA No. 14-0930.25)
4. Proposal No. **16-0125** issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E.
(Submitted under previous NOA No. 16-0629.12)

G. OTHERS

1. Notice of Acceptance No. **16-0629.12**, issued to **PGT Industries, Inc.** for their Series “**PW-5520 Vinyl**” PVC Fixed Window – L.M.I. approved on 08/04/16 and expiring on 04/30/20.



Manuel Perez, P.E.
Product Control Examiner

NOA No. 17-0614.09

Expiration Date: April 30, 2020

Approval Date: October 26, 2017

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

3) FOR MASONRY APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED MASONRY ANCHORS. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.

5) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE EMBEDMENT. INSTALLATION ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

7) DESIGN PRESSURES:

B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL/ CYCLE TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.

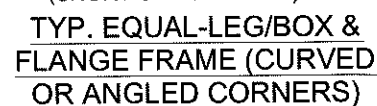
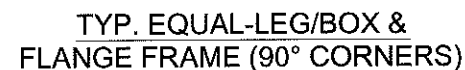
8) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

10) REFERENCES: TEST REPORTS FTL-7897; ELCO ULTRACON NOA; ELCO CRETEFLEX NOA; ELCO AGGRE-GATOR NOA; ENERGI WINDOW AND DOOR PROFILES, LTD WHITE & BRONZE/LIGHTER SHADES OF CAP COATED PVC EXTRUSION NOA'S; NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AF&PA NDS & ALUMINUM DESIGN MANUAL

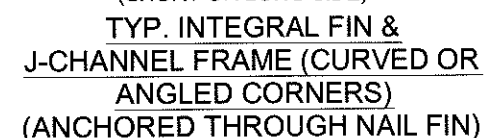
GENERAL NOTES.....	1
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WIDTH: BUCK WIDTH - 4-3/16"
HEIGHT: BUCK HEIGHT - 4-3/16"

- 2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION
- 2014 FLORIDA BUILDING CODE (FBC), 5TH EDITION
- ASTM E1300-09
- ANSI/APA NDS-2015 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2015
- AISI S100-12
- AISC 360-10



TYP. INTEGRAL FIN & J-CHANNEL
FRAME (90° CORNERS)
(ANCHORED THROUGH NAIL FIN)



JR - 06/06/17 - UPDATED
ANCHORAGE TO FBC 2017.

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0.0	Rev.	03
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MD

NAME NO. DATE TIME	NAME NO. DATE TIME
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OF 1:

1221

STN

20

2W-

5

VINYL FIXED WINDOW NOA (LM&SM)

GENERAL NOTES & ELEVATION

NAME NO. DATE TIME	NAME NO. DATE TIME
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OF 1:

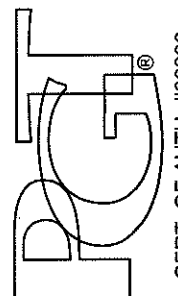
1221

STN

20

2W-

5



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VINYL FIXED WINDOW NOA (LM&SM)

GENERAL NOTES & ELEVATION

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OF 1:

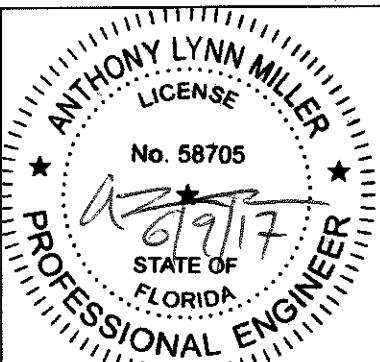
1221

STN

20

2W-

5



A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 1:

Glass Type	Description	Table #
7	7/8" Laminated I.G.: 1/8" A Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4
8	7/8" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	5
9	7/8" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	6
10	7/8" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	6
11	1" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" PVB Interlayer	7
12	1" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" PVB Interlayer	8
13	1" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" PVB Interlayer	9
14	1" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	10
15	1" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	11
16	1" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 7/16" Laminated; (2) Lites of 3/16" H Glass with .090" SG Interlayer	12
17	1" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 7/16" Laminated; (2) Lites of 3/16" H Glass with .090" SG Interlayer	13

"A" = ANNEALED
"H" = HEAT STRENGTHENED
"T" = TEMPERED
"PVB" = .090" TROSIFOL®
PVB BY KURARAY AMERICA, INC.
"SG" = .090" SENTRYGLAS®
INTERLAYER BY KURARAY AMERICA, INC.

GLASS TYPES 14 THROUGH 17 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.

WINDOW FRAMES MAY BE ANY OF THOSE SHOWN BELOW:

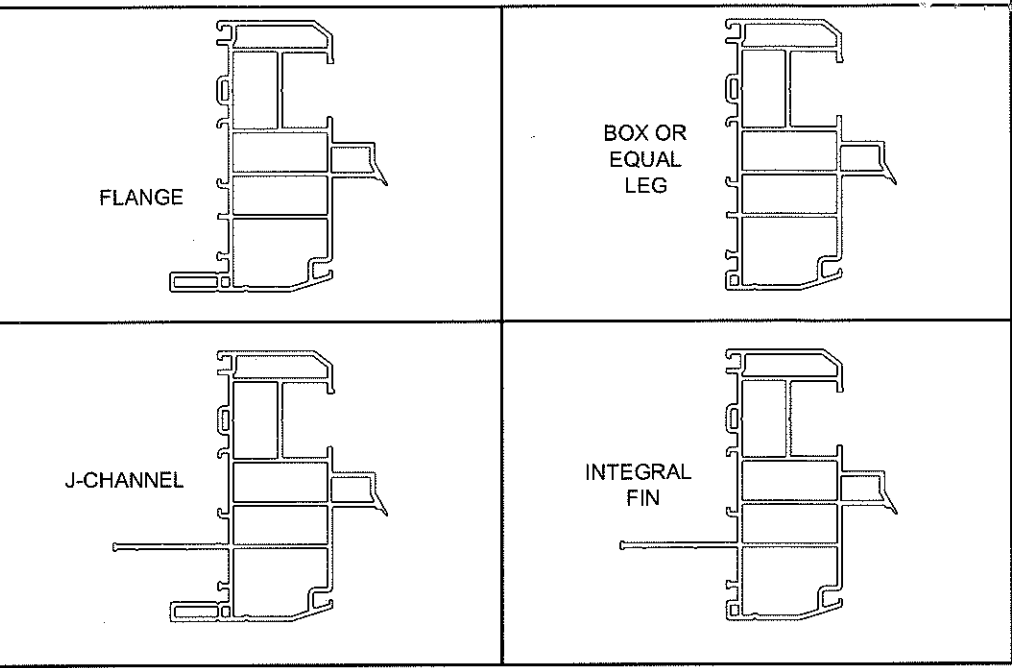


TABLE 2: ANCHORS INSTALLED THROUGH FRAME

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
A	#10 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
		Steel, A36*	3/8"	0.050"
		Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
	3/16" steel Ultracon	Aluminum, 6063-T5*	3/8"	0.050"
		P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
		Concrete (min. 2.85 ksi)	1"	1-3/8"
B	#12 SMS (steel, 18-8 S.S. or 410 S.S.)	UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
		P.T. Southern Pine (SG=0.55)	9/16"	1-3/8"
		Steel, A36*	3/8"	0.050"
	1/4" steel Ultracon	Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
		Aluminum, 6063-T5*	3/8"	0.063"
		P.T. Southern Pine (SG=0.55)	1"	1-3/8"
C	1/4" steel Ultracon	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
		Concrete (min. 2.85 ksi)	1"	1-3/4"
	1/4" steel Creteflex	UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
		Concrete (min. 3.35 ksi)	1"	1-3/4"
D	1/4" steel Ultracon	Concrete (min. 2.85 ksi)	1"	1-3/4"
		Concrete (min. 3.35 ksi)	1"	1-3/4"
		UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" steel Creteflex	Concrete (min. 2.85 ksi)	2-1/2"	1-3/4"
		Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"
	1/4" steel Aggre-Gator	Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
		GROUTED CMU, (ASTM C-90)	2"	2"
		Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
"UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

ALL ARCHITECTURAL WINDOW SHAPES QUALIFIED, COMMON EXAMPLES SHOWN. INSCRIBE THE SHAPE IN A BLOCK (SEE EXAMPLES BELOW), AND OBTAIN DESIGN PRESSURES FOR THAT BLOCK SIZE FROM DESIGN PRESSURE TABLES 4-13, SHEETS 6-10.

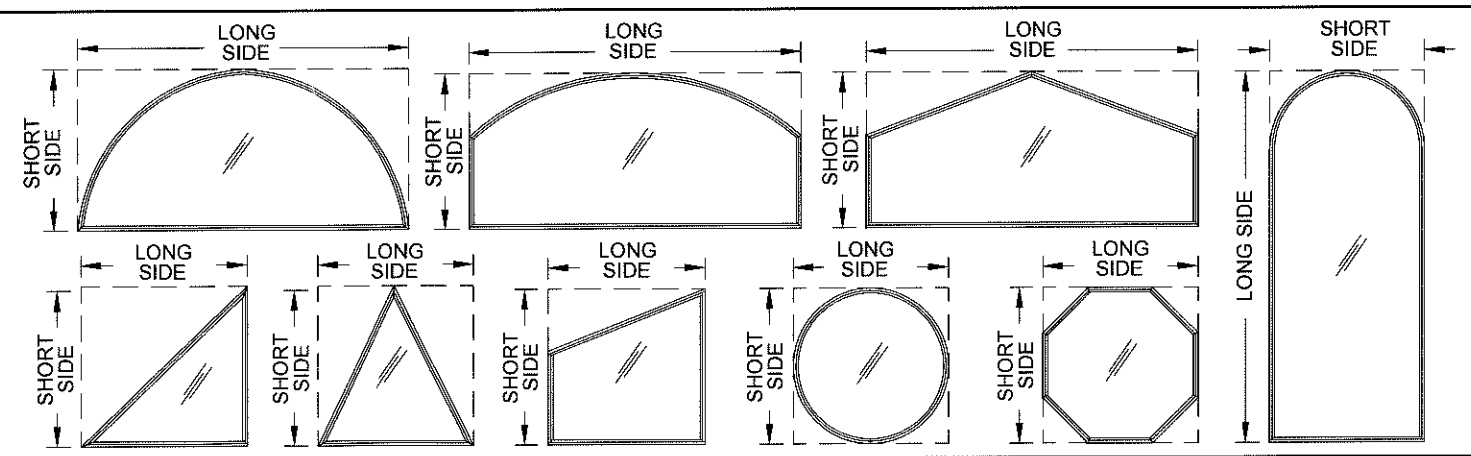


TABLE 3: ANCHORS INSTALLED THROUGH INTEGRAL FIN

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
E	2-1/2" x .131" Common Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
	2-1/2" Ring-shank Roofing Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
		P.T. Southern Pine (SG=.55)	1/2"	1-3/8"
	#10 Trusshead SMS (steel, 18-8 S.S. or 410 S.S.)	Aluminum, 6063-T5*	3/8"	0.050"
		Steel, A36*	3/8"	0.050"
		P.T. Southern Pine (SG=.55)	9/16"	1-3/8"
	#12 SMS (steel, 18-8 S.S. or 410 S.S.)	Aluminum, 6063-T5*	3/8"	0.063"
		Steel Stud, Gr. 33*	3/8"	0.050"
		Steel, A36*	3/8"	0.050"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.

Material	Min. F _y	Min. F _u
Steel Screw	92 ksi	120 ksi
18-8 Screw	60 ksi	95 ksi
410 Screw	90 ksi	110 ksi
Elco Aggre-Gator®	57 ksi	96 ksi
Elco UltraCon®	155 ksi	177 ksi
410 SS Elco CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi



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1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
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VINYL FIXED WINDOW NOA (LM&SM)

GLASS/ANCHORS/FRAME OPTIONS

PW-5520

Scale: NTS

Sheet: 2 OF 11

DWG No.: MD-5520.0

Rev.: B

Date: 9/9/14

Drawn By: J ROSOWSKI

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 17-0614-09
Expiration Date April 30, 2020
By: *Manuel Perez*
Miami Dade Product Control

NO CHANGES THIS SHEET.

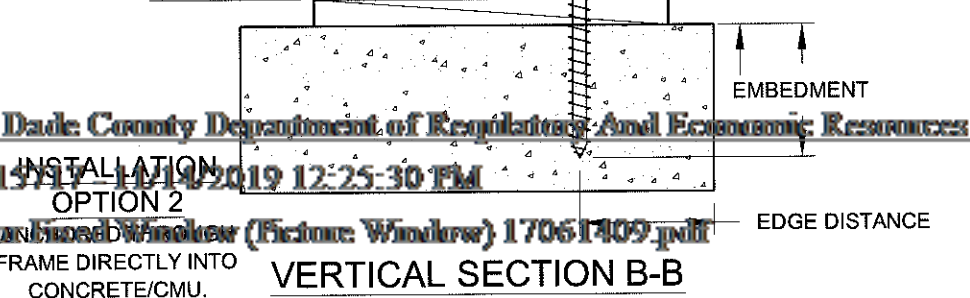
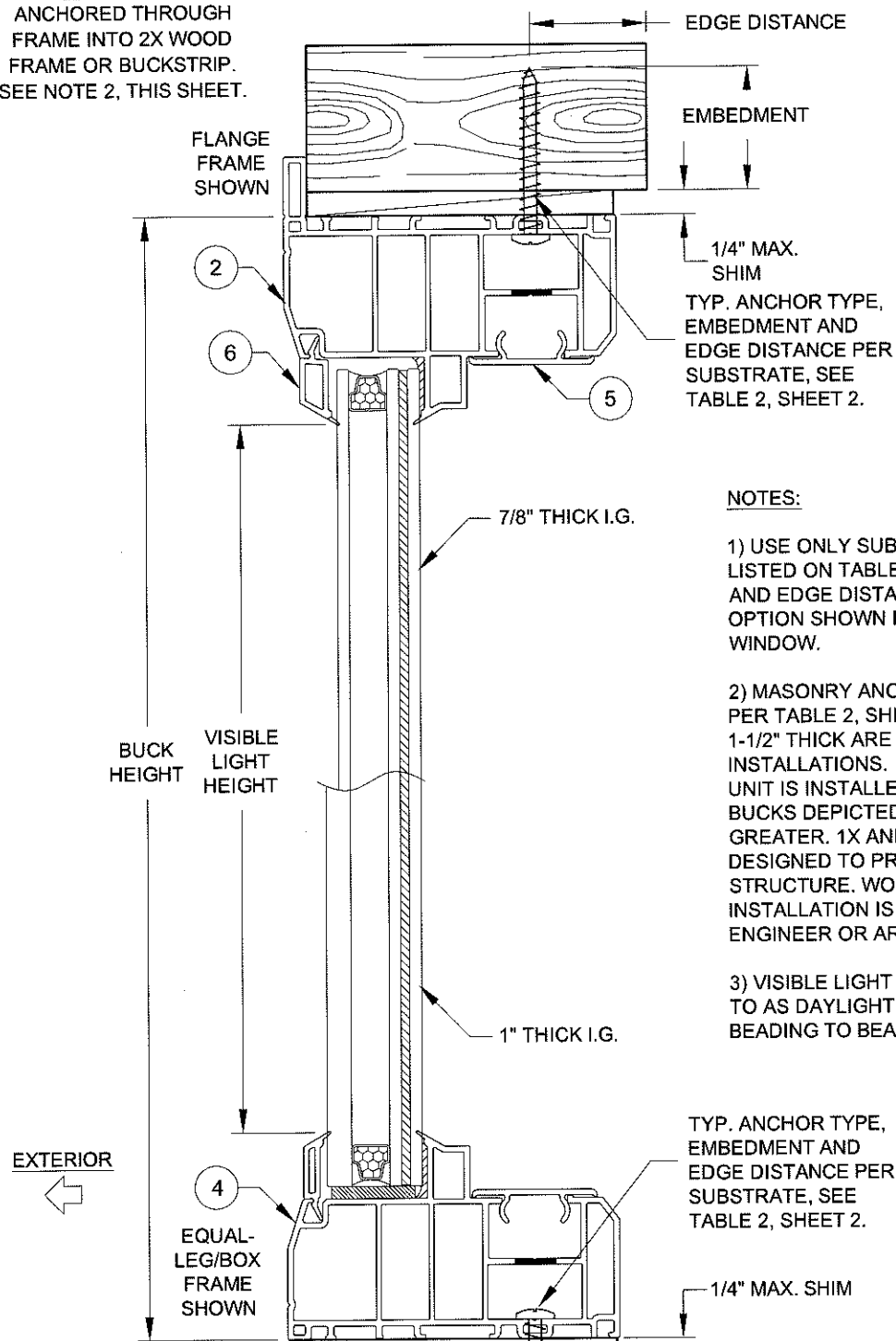
ANTHONY LYNN MILLER
LICENSE
No. 58705
STATE OF FLORIDA
PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.
P.E.# 58705

INSTALLATION DETAILS FOR FLANGE & EQUAL-LEG/BOX FRAMES

INSTALLATION
OPTION 1

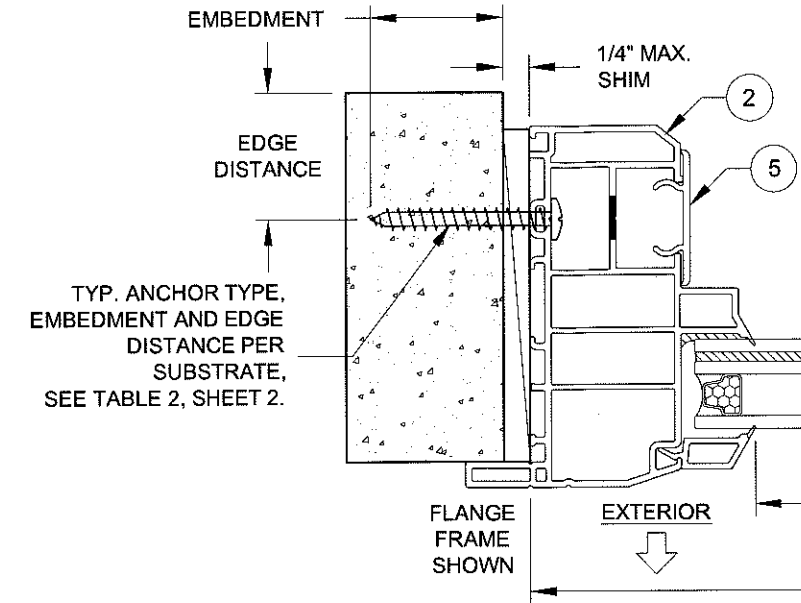
ANCHORED THROUGH
FRAME INTO 2X WOOD
FRAME OR BUCKSTRIP.
SEE NOTE 2, THIS SHEET.



VISIBLE LIGHT FORMULAS
WIDTH: BUCK WIDTH - 4-3/16"
HEIGHT: BUCK HEIGHT - 4-3/16"

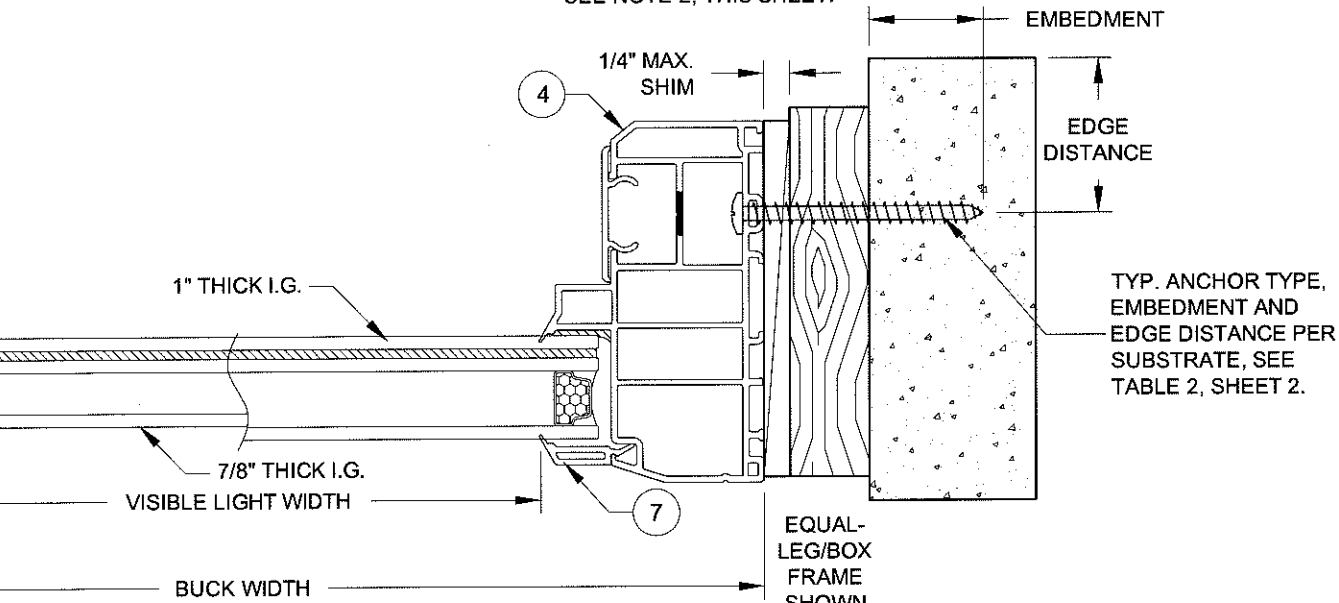
INSTALLATION OPTION 2

ANCHORED THROUGH FRAME
DIRECTLY INTO CONCRETE/CMU.



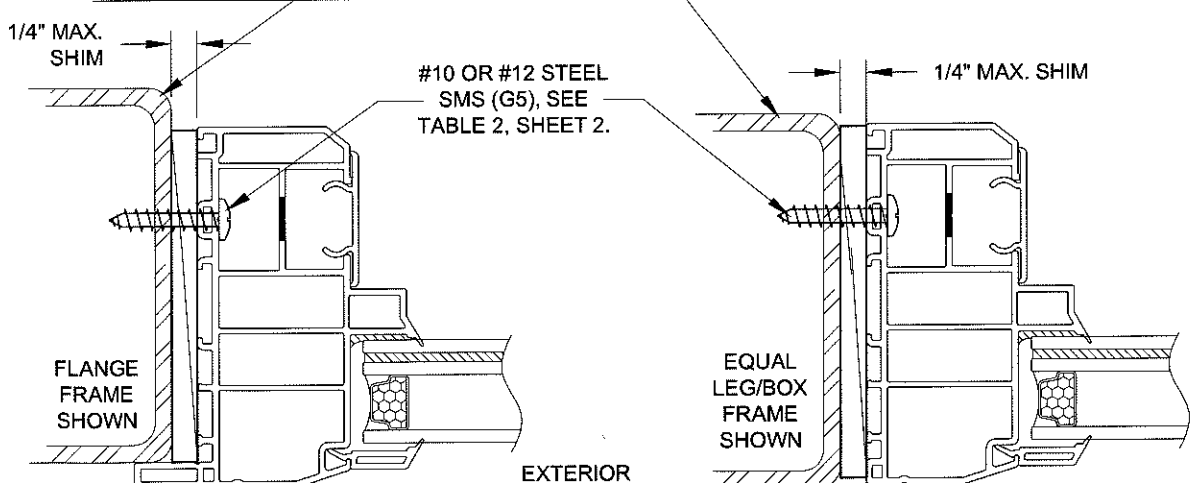
INSTALLATION OPTION 3

ANCHORED THROUGH FRAME AND 1X
BUCKSTRIP INTO CONCRETE/CMU.
SEE NOTE 2, THIS SHEET.



HORIZONTAL SECTION A-A

DADE APPROVED MULLION, FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL STUD.
MAY BE VERTICAL OR HORIZONTAL. SEE SUBSTRATE PROPERTIES, TABLE 3, SHEET 2.



INSTALLATION
OPTION 4

ANCHORED THROUGH FRAME INTO METAL

INSTALLATION
OPTION 4

ANCHORED THROUGH FRAME INTO METAL



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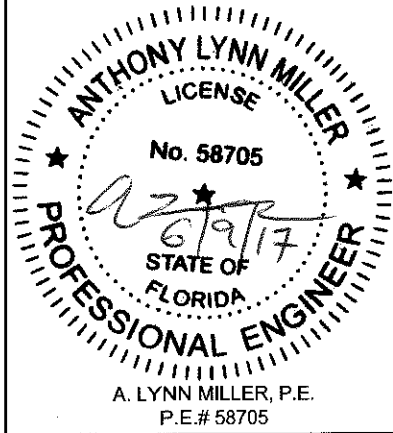
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

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Title	VINYL FIXED WINDOW NOA (LM&SM)							Date	9/9/14
Desc.	FLANGE & EQUAL-LEG/BOX FRAMES						Drawn By	J ROSOWSKI	
Series	PW-5520	Scale	NTS	Sheet	3 OF 11	DWG No.	MD-5520.0	Rev.	B

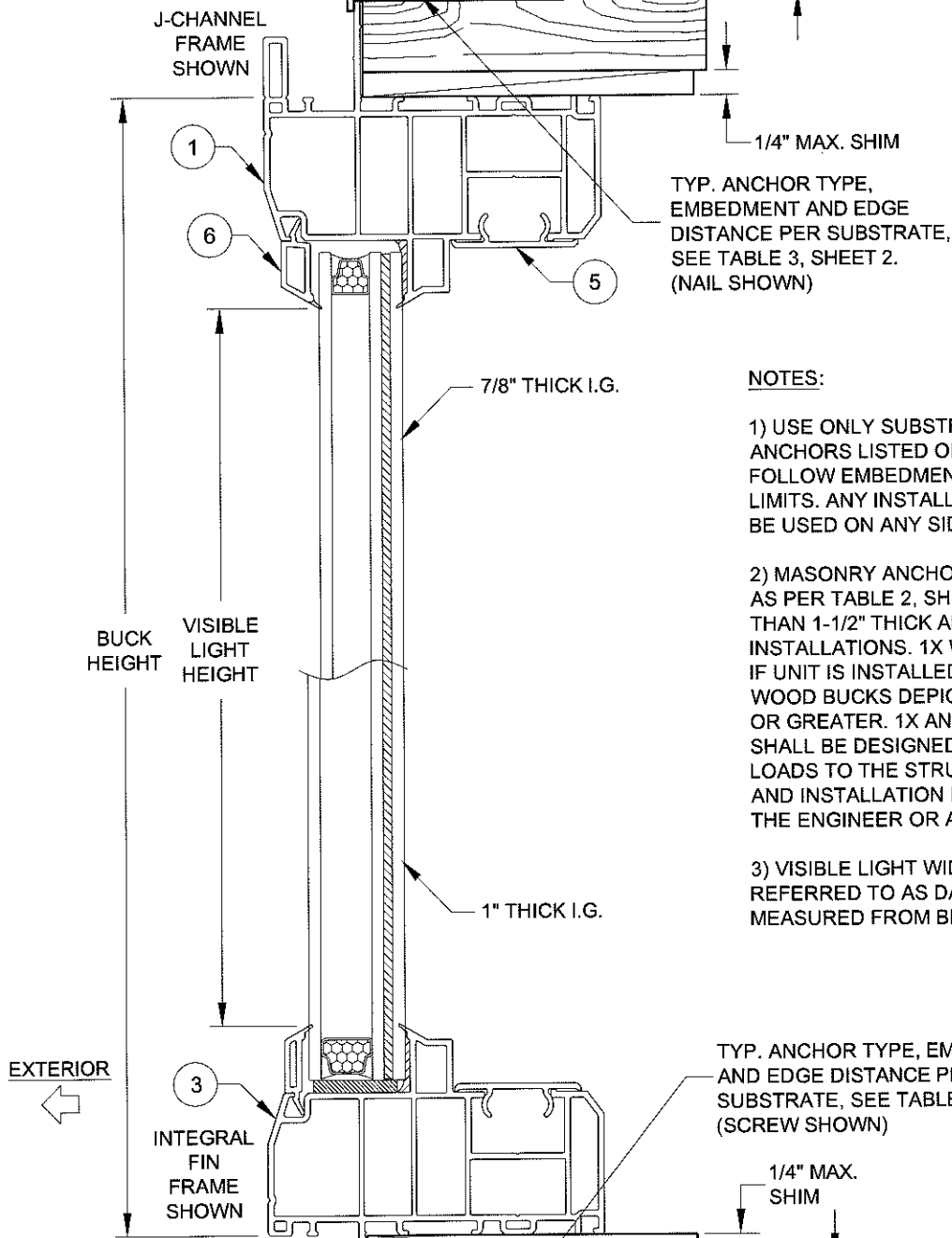
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0614.09
Expiration Date APRIL 30, 2020
By *Manuel Puga*
Miami Dade Product Control

NO CHANGES THIS SHEET.



INSTALLATION DETAILS FOR INTEGRAL FIN & J-CHANNEL FRAMES

INSTALLATION OPTION 5
ANCHORED THROUGH
INTEGRAL FIN INTO 2X WOOD
FRAME OR BUCKSTRIP. SEE
NOTE 2, THIS SHEET.



INSTALLATION
OPTION 5
ANCHORED THROUGH
WOOD FRAME OR
BUCKSTRIP. SEE
THIS SHEET.

VERTICAL SECTION D-D

TYP. ANCHOR TYPE,
EMBEDMENT AND EDGE
DISTANCE PER SUBSTRATE,
SEE TABLE 3, SHEET 2.
(NAIL SHOWN)

TYP. ANCHOR TYPE,
EMBEDMENT AND
EDGE DISTANCE PER
SUBSTRATE, SEE
TABLE 2, SHEET 2.
(SCREW SHOWN)

NOTES:

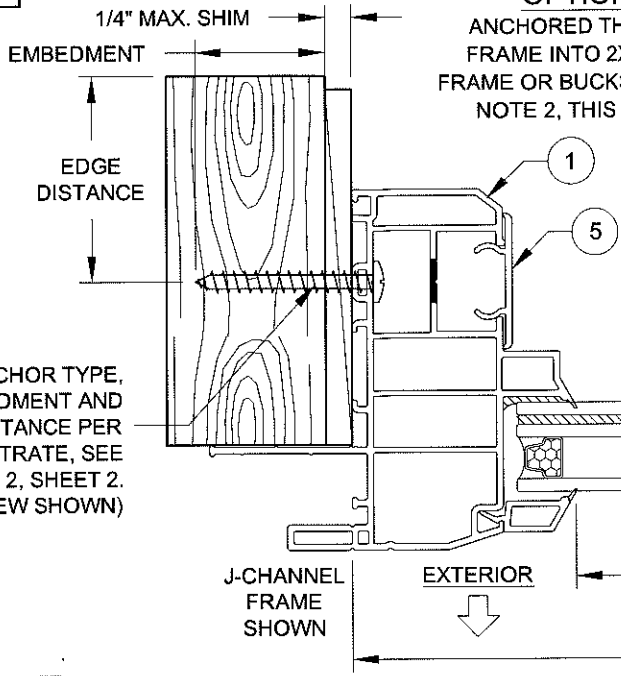
- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLES 2 & 3, SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 3) VISIBLE LIGHT WIDTH OR HEIGHT (ALSO REFERRED TO AS DAYLIGHT OPENING) IS MEASURED FROM BEADING TO BEADING.

TYP. ANCHOR TYPE, EMBEDMENT
AND EDGE DISTANCE PER
SUBSTRATE, SEE TABLE 3, SHEET 2.
(SCREW SHOWN)

VISIBLE LIGHT FORMULAS
WIDTH: BUCK WIDTH - 4-3/16"
HEIGHT: BUCK HEIGHT - 4-3/16"

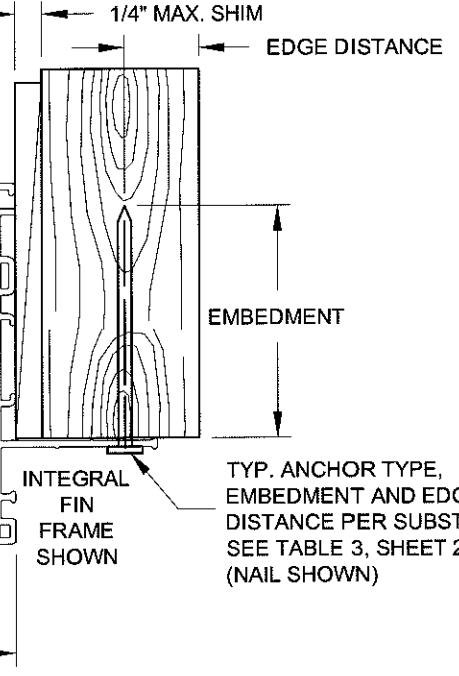
INSTALLATION
OPTION 6

ANCHORED THROUGH
FRAME INTO 2X WOOD
FRAME OR BUCKSTRIP. SEE
NOTE 2, THIS SHEET.



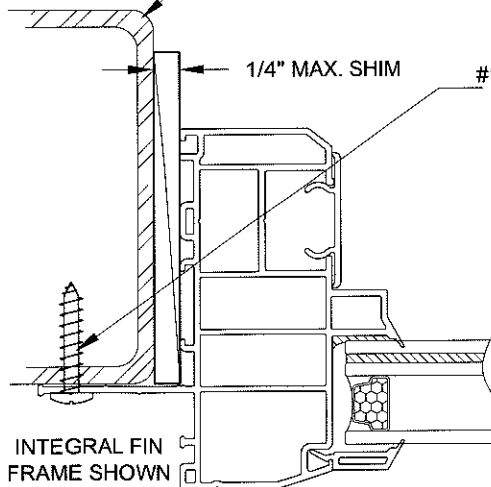
INSTALLATION
OPTION 5

ANCHORED THROUGH INTEGRAL FIN
INTO 2X WOOD FRAME OR BUCKSTRIP.
SEE NOTE 2, THIS SHEET.

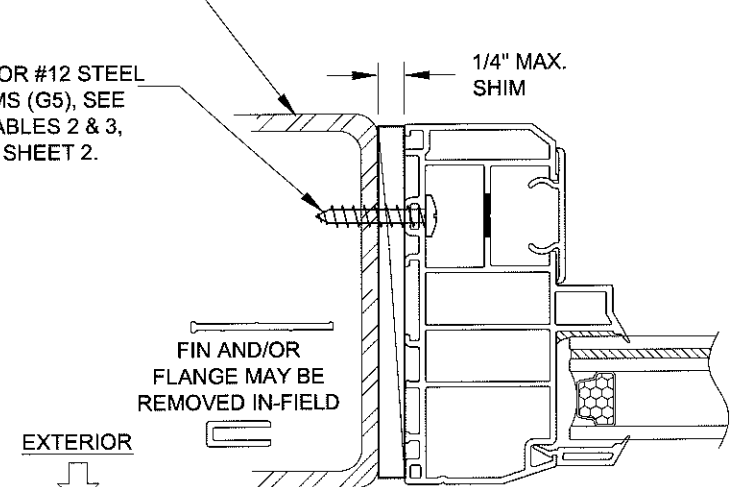


HORIZONTAL SECTION C-C

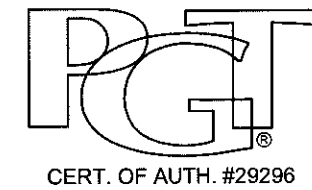
DADE APPROVED MULLION, FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL STUD.
MAY BE VERTICAL OR HORIZONTAL. SEE SUBSTRATE PROPERTIES, TABLES 2 & 3, SHEET 2.



INSTALLATION OPTION 7
INSTALLATION THROUGH THE INTEGRAL FIN,
INTO METAL, SEE TABLE 3, SHEET 2.



INSTALLATION OPTION 8
INSTALLATION THROUGH THE FRAME,
INTO METAL, SEE TABLE 2, SHEET 2.



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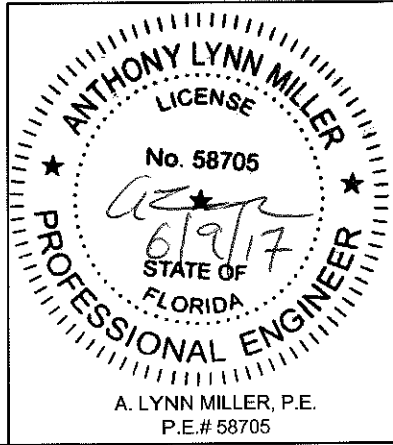
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

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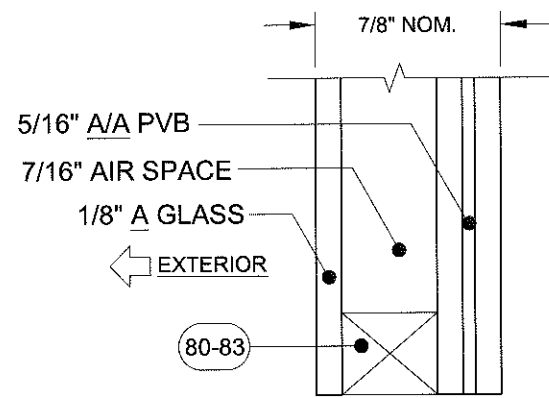
Series Desc.	VINYL FIXED WINDOW NOA (LM&SM)		Date		9/9/14	
	J-CHANNEL & INTEGRAL FIN FRAMES		Drawn By		J ROSOWSKI	
PW-5520	Scale	NTS	Sheet	4 OF 11	DWG No.	MD-5520.0
			Rev.	B		

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Building Code
Acceptance No. 17-0614.09
Expiration Date April 30, 2020
By *Manuel Perez*
Miami Dade Product Control

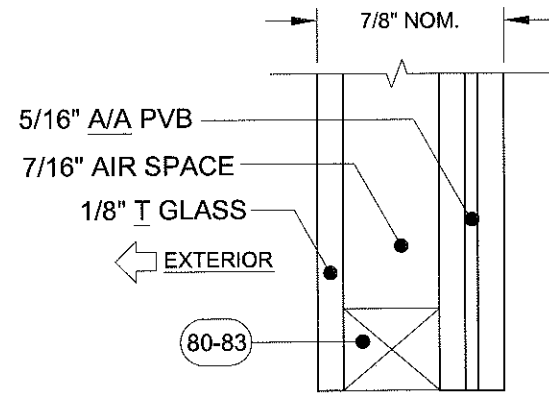
NO CHANGES THIS SHEET.



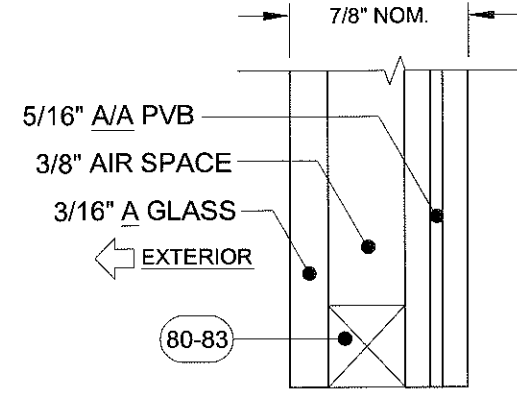
Miami Dade County Department of Regulatory and Economic Resources - Job Copy
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NOA for Fixed Window (Picture Window) 17061409.pdf



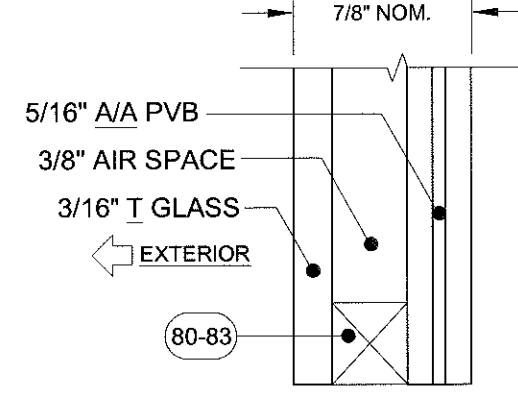
GLASS TYPE 7



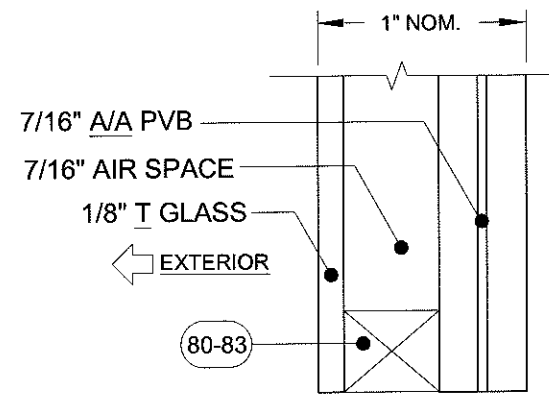
GLASS TYPE 8



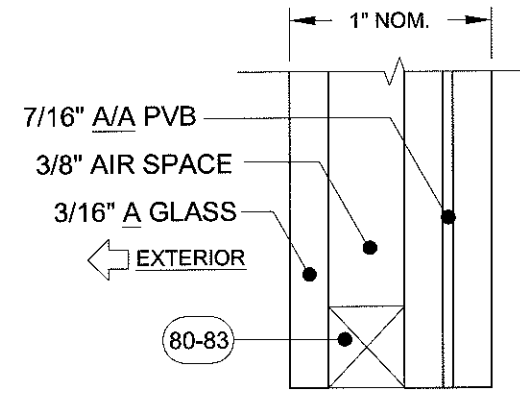
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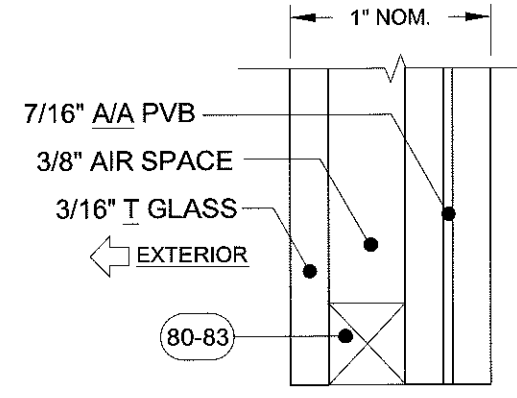
GLASS TYPE 10



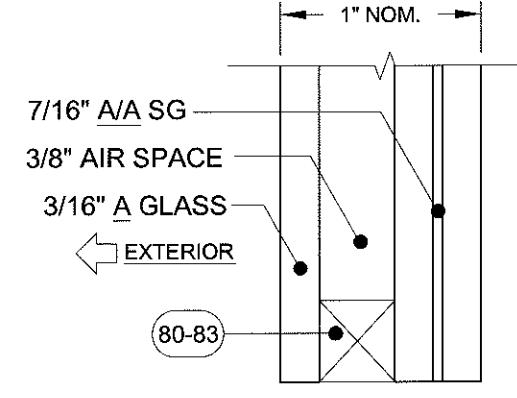
GLASS TYPE 11



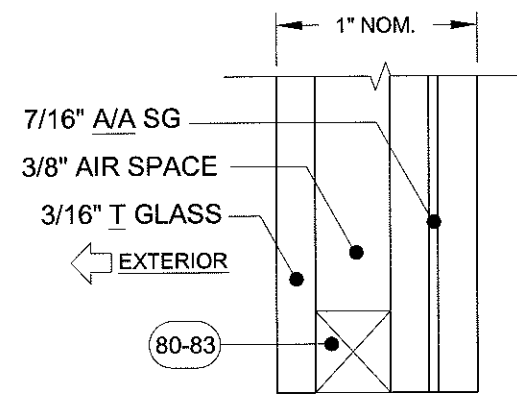
GLASS TYPE 12



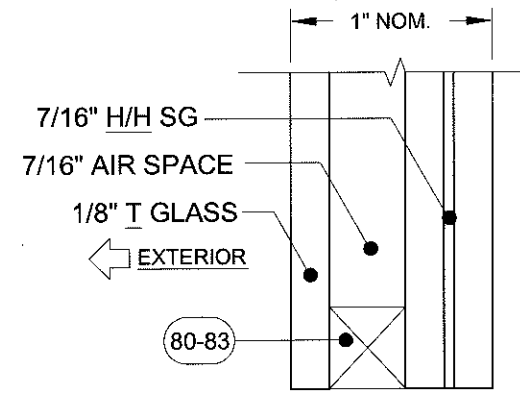
GLASS TYPE 13



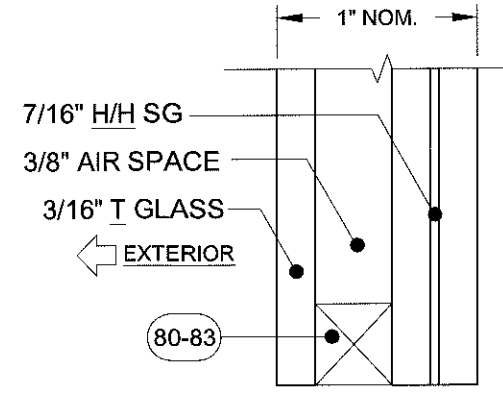
GLASS TYPE 14



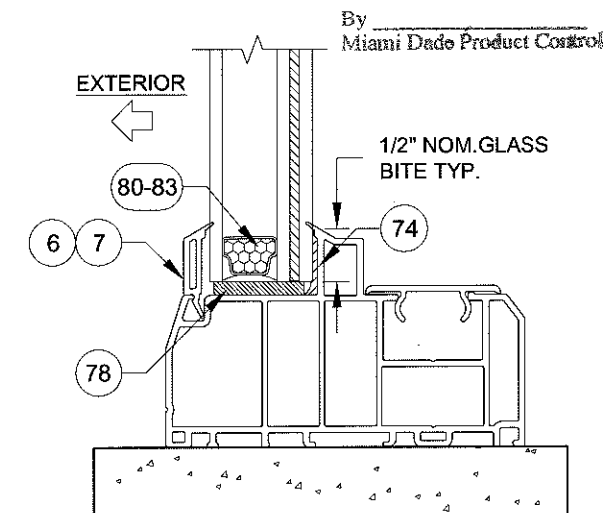
GLASS TYPE 15



GLASS TYPE 16



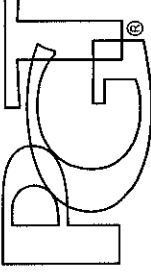
GLASS TYPE 17

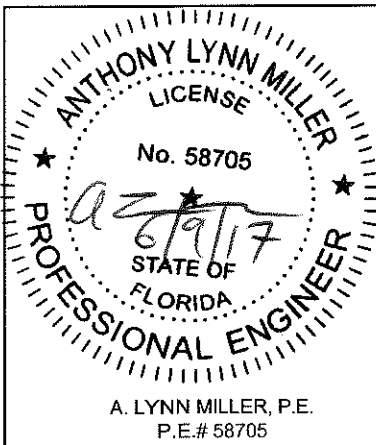


TYP. GLAZING DETAIL

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Miami Dade Product Control

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Series Desc.		VINYL FIXED WINDOW NOA (LM&SM)		Date	9/9/14		
GLAZING DETAILS				By	J ROSOWSKI		
PW 5520	date	NTS	sheet	5 OF 11	MD 5520.0	REV.	



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NCA for Fixed Window (Picture Window) 17061409.pdf

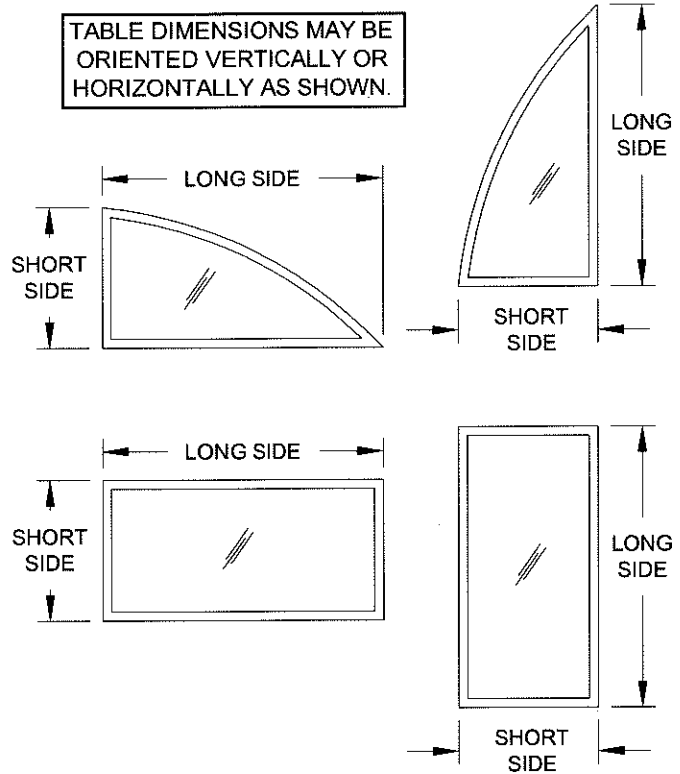
"A" = ANNEALED
"T" = TEMPERED
PVB BY KURARAY AMERICA, INC.
"SG" = .090" SENTRYGLAS®
INTERLAYER BY KURARAY AMERICA, INC.

GLASS TYPES 14 THROUGH
17 MAY NOT BE USED WITH
J-CHANNEL OR INTEGRAL
FIN FRAMES

TABLE 4:

Window Design Pressure, (+/- psf)												Use this table for Glass Type:	7
1/8" A Cap - Airspace - 5/16" A/A with PVB													
Window Dimensions	Long Side (in)												
	51.05	54	56	58	62	64	68	72	76	80	84	87	
Short Side (in)	18	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
	20	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
	22	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
	24	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
	26	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
	28	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
	30	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	
	32	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50		
	34	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50			
	36	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50				
	38	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50					
	40	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50						
	42	+/-50	+/-50	+/-50	+/-50								
	44	+/-50	+/-50	+/-50									
	46	+/-50	+/-50										
	48	+/-50											
	51.05	+/-50											
												MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	
												MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4	
												APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)	
												APPLIES TO E OR F ANCHORS (SEE TABLE 3)	
												15"	
												4"	

TABLE DIMENSIONS MAY BE
ORIENTED VERTICALLY OR
HORIZONTALLY AS SHOWN.



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Building Code
Acceptance No. _____
Expiration Date _____
By
Miami Dade Product Control

NO CHANGES THIS SHEET.

Revision:

TABLE 5:

Window Design Pressure, (+/- psf)												Use this table for Glass Type:	8
1/8" T Cap - Airspace - 5/16" A/A with PVB													
Window Dimensions	Long Side (in)												
	60.926	64	66	68	70	74	77	80	84	87	92	97	99
Short Side (in)	32	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
	34	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-47.3	+/-46.7
	36	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-47.5	+/-45.4	+/-44.6
	38	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-49.1	+/-46.1	+/-43.9	
	40	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-48.2	+/-45.1		
	42	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-49.8	+/-47.4			
	44	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-48.9				
	46	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-49.9					
	48	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50						
	50	+/-50	+/-50	+/-50	+/-50	+/-50							
	52	+/-50	+/-50	+/-50	+/-50								
	54	+/-50	+/-50	+/-50									
	56	+/-50	+/-50										
	58	+/-50											
	60.926	+/-50											
												MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	
												MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4	
												APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)	
												APPLIES TO E OR F ANCHORS (SEE TABLE 3)	
												15"	
												3.5" FOR E ANCHORS, 4" FOR F ANCHORS	

NOTES:

- 1) BUCK DIMENSIONS SHOWN.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
- 3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
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Date 9/9/14

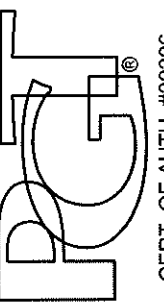
By J ROSOWSKI

MD-5520.0

Rev. B

6 OF 11

Sheet



VINYL FIXED WINDOW NOA (LM&SM)

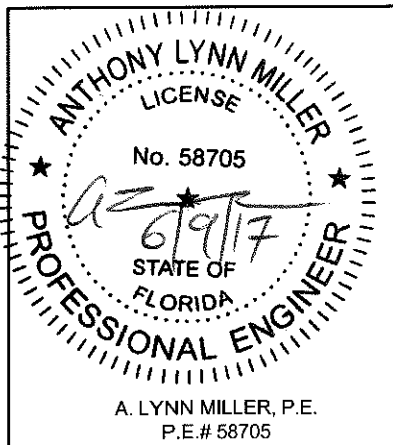
DESIGN PRESSURE TABLES A

PW-5520

NTS

Scale

Series Desc. Title



A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 6:

Window Design Pressure, (+/- psf)													Use this table for Glass Types:	9 & 10							
3/16" A Cap - Airspace - 5/16" A/A with PVB																					
3/16" T Cap - Airspace - 5/16" A/A with PVB																					
Window Dimensions		Long Side (in)																			
		60.926	64	66	68	70	74	77	80	84	87	92	97	99							
Short Side (in)	32	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50							
	34	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50							
	36	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50							
	38	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50								
	40	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50									
	42	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50										
	44	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50											
	46	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50												
	48	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50													
	50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50		<table><tr><td>MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4</td><td>MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4</td></tr><tr><td>APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)</td><td>APPLIES TO E OR F ANCHORS (SEE TABLE 3)</td></tr><tr><td>15"</td><td>3.5" FOR E ANCHORS, 4" FOR F ANCHORS</td></tr></table>							MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4	APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)	APPLIES TO E OR F ANCHORS (SEE TABLE 3)	15"	3.5" FOR E ANCHORS, 4" FOR F ANCHORS
	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4																			
	APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)	APPLIES TO E OR F ANCHORS (SEE TABLE 3)																			
	15"	3.5" FOR E ANCHORS, 4" FOR F ANCHORS																			
	52	+/-50	+/-50	+/-50	+/-50	+/-50															
54	+/-50	+/-50	+/-50	+/-50																	
56	+/-50	+/-50	+/-50																		
58	+/-50	+/-50																			
60.926	+/-50																				

TABLE DIMENSIONS MAY BE
ORIENTED VERTICALLY OR
HORIZONTALLY AS SHOWN.

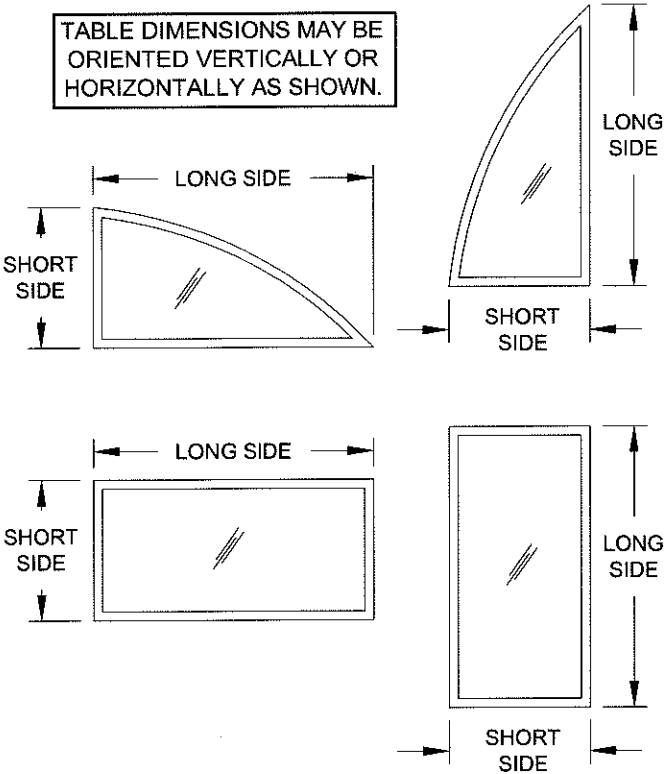


TABLE 7:

Window Design Pressure, (+/- psf)													Use this table for Glass Type:		11						
1/8" T Cap - Airspace - 7/16" A/A with PVB																					
Window Dimensions		Long Side (in)																			
		60.926	64	66	68	70	74	77	80	84	87	92	97	99							
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70							
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70							
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70							
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	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70									
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70										
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70											
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70												
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70													
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		<table><tr><td>MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4</td><td>MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4</td></tr><tr><td>APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)</td><td>APPLIES TO F ANCHORS (SEE TABLE 3)</td></tr><tr><td>15.5"</td><td>4"</td></tr></table>							MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4	APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)	APPLIES TO F ANCHORS (SEE TABLE 3)	15.5"	4"
	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4																			
	APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)	APPLIES TO F ANCHORS (SEE TABLE 3)																			
	15.5"	4"																			
	52	+/-70	+/-70	+/-70	+/-70	+/-70															
54	+/-70	+/-70	+/-70	+/-70																	
56	+/-70	+/-70	+/-70																		
58	+/-70	+/-70																			
60.926	+/-70																				

NOTES:

- 1) BUCK DIMENSIONS SHOWN.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
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Building Code
Acceptance No. 17-0614-09
Expiration Date April 20, 2020
By Manuel Sng
Miami Dade Product Control

Revision:
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VINYL FIXED WINDOW NOA (LM&SM)

DESIGN PRESSURE TABLES B

PW-5520

7 OF 11

NTS

MD-5520.0

Rev. B

9/9/14

J ROSOWSKI

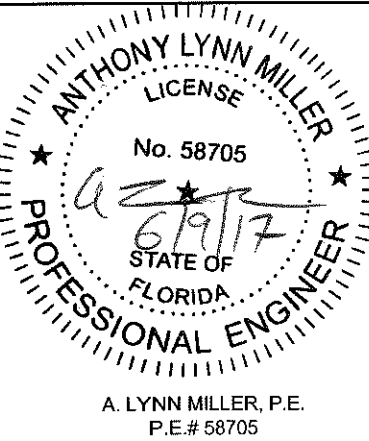


TABLE 8:

Window Design Pressure, (+/- psf)													Use this table for Glass Types:	12				
3/16" A Cap - Airspace - 7/16" A/A with PVB																		
Window Dimensions		Long Side (in)																
		69.649	71	73	75	78	80	85	86	89	92	96	99					
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70					
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70					
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70					
	38	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70					
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70					
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.5	+/-66.7					
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.9	+/-66.4	+/-63.7					
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.9	+/-67.4	+/-63.9	+/-61.7					
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-67.8	+/-65.3	+/-61.9	+/-59.7					
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.5	+/-68.5	+/-65.9	+/-63.4	+/-59.9						
	52	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-67.8	+/-66.9	+/-64.2	+/-61.6							
	54	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-66.2	+/-65.3	+/-62.5								
	56	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.2	+/-64.7	+/-63.8									
	57	+/-70	+/-70	+/-70	+/-70	+/-69.8	+/-68.1	+/-64										
	60	+/-70	+/-70	+/-70	+/-69.7	+/-67	+/-65.3	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4			MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4							
	62	+/-70	+/-70	+/-69.9	+/-67.9	+/-65.2	APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)							APPLIES TO F ANCHORS (SEE TABLE 3)				
	64	+/-70	+/-70	+/-68.3	+/-66.3													
	66	+/-69.9	+/-68.9	+/-66.7														
	68	+/-68.4	+/-67.4															
	69.649	+/-67.1						15.5"			4"							

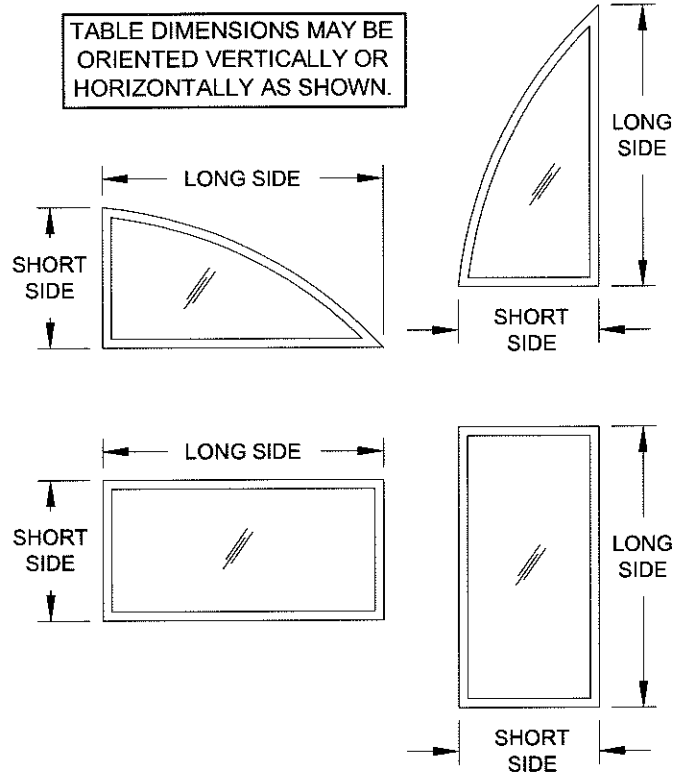


TABLE 9:

Window Design Pressure, (+/- psf)													Use this table for Glass Type:		13
3/16" T Cap - Airspace - 7/16" A/A with PVB															
Window Dimensions	Long Side (in)														
	69.649	71	73	75	78	80	85	86	89	92	96	99			
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	38	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.6		
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.8	+/-66.3		
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-66.6			
	52	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.5				
	54	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.5					
	56	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70						
	57	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70							
	60	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70								
	62	+/-70	+/-70	+/-70	+/-70	+/-70									
	64	+/-70	+/-70	+/-70	+/-70										
68	+/-70	+/-70													
69.649	+/-70														

Paul County Department of Regulatory And Economic Resources - Job Corps

5717 - 11/14/2019 12:25:30 PM

Fixed Window (Picture Window) 17081409.pdf

MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4		MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4	
APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)		APPLIES TO F ANCHORS (SEE TABLE 3)	
15.5"		3.9"	

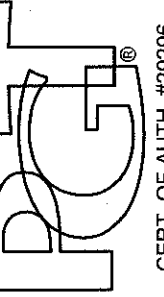
- NOTES:
- 1) BUCK DIMENSIONS SHOWN.
 - 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
 - 3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0614.09
Expiration Date April 30, 2020
By *Manuel Perez*
Miami Dade Product Control

Revision: NO CHANGES THIS SHEET.

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
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VINYL FIXED WINDOW NOA (LM&SM)

DESIGN PRESSURE TABLES C

PW-5520

9/9/14

By *J ROSOWSKI*

8 OF 11

NTS

MD-5520.0

Rev.

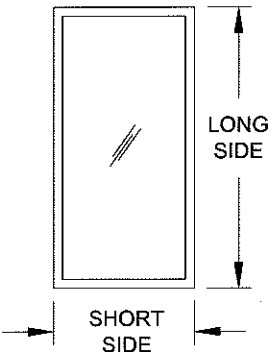
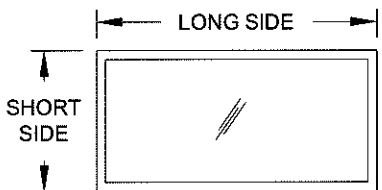
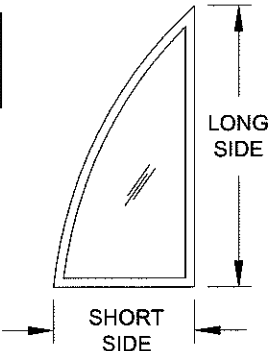
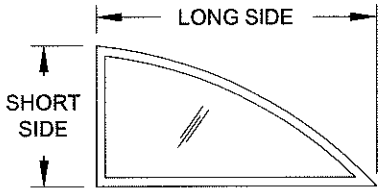
B

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/9/17
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 10:

Window Design Pressure, (+/- psf)												Use this table for Glass Type:	14
3/16" A Cap - Airspace - 7/16" A/A with SG													
Window Dimensions	Long Side (in)												
	69.649	71	73	75	78	80	85	86	89	92	96	99	
Short Side (in)	32	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	34	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-109.4	+80/-108.3	+80/-107.6
	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-109.5	+80/-108.6	+80/-106.8	+80/-106.5	+80/-105.5	+80/-104.7	+80/-103.6	+80/-102.9
	38	+80/-109.7	+80/-108.9	+80/-107.8	+80/-106.8	+80/-105.5	+80/-104.6	+80/-102.7	+80/-102.4	+80/-101.4	+80/-100.5	+80/-99.4	+80/-98.7
	40	+80/-106.3	+80/-105.5	+80/-104.4	+80/-103.3	+80/-101.9	+80/-101	+80/-99.1	+80/-98.7	+80/-97.7	+80/-96.8	+80/-95.7	+80/-95
	42	+80/-103.3	+80/-102.5	+80/-101.3	+80/-100.2	+80/-98.8	+80/-97.9	+80/-95.8	+80/-95.5	+80/-94.5	+80/-93.5	+80/-92.4	+80/-90.7
	44	+80/-100.7	+80/-99.8	+80/-98.6	+80/-97.5	+80/-96	+80/-95	+80/-92.9	+80/-92.6	+80/-91.5	+80/-90.4	+80/-87.1	+80/-84.7
	46	+80/-98.4	+80/-97.5	+80/-96.2	+80/-95	+80/-93.4	+80/-92.5	+80/-90.3	+80/-89.9	+80/-88.1	+80/-85.5	+80/-83.1	+80/-81.6
	48	+80/-96.3	+80/-95.4	+80/-94.1	+80/-92.9	+80/-91.2	+80/-90.2	+80/-88	+80/-87.6	+80/-84.6	+80/-82.6	+80/-80.2	+/-78.6
	50	+80/-94.6	+80/-93.6	+80/-92.2	+80/-90.9	+80/-89.2	+80/-88.2	+80/-85.4	+80/-84.5	+80/-82.4	+80/-80.2	+/-77.6	
	52	+80/-93	+80/-92	+80/-90.5	+80/-89.2	+80/-87.4	+80/-86.4	+80/-83.3	+80/-82.5	+80/-80.2	+/-78		
	54	+80/-91.7	+80/-90.6	+80/-89.1	+80/-87.7	+80/-85.8	+80/-84.7	+80/-81.3	+80/-80.4	+/-78.1			
	56	+80/-90.5	+80/-89.4	+80/-87.8	+80/-86.4	+80/-84.4	+80/-83.2	+/-79.3	+/-78.5				
	57	+80/-90	+80/-88.8	+80/-87.2	+80/-85.8	+80/-83.4	+80/-82	+/-78.4					
	60	+80/-87.2	+80/-86	+80/-84	+80/-82.5	+80/-80.1	+/-78.6						
	62	+80/-84.6	+80/-83.8	+80/-82.1	+80/-80.4	+/-78							
	64	+80/-82.9	+80/-82	+80/-80.1	+/-78.4								
	66	+80/-81.1	+80/-80.1	+/-78.3									
	68	+/-79.3	+/-78.4										
	69.649	+/-77.7											
												MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4
												APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)	NOT APPLICABLE
												13.2"	

TABLE DIMENSIONS MAY BE
ORIENTED VERTICALLY OR
HORIZONTALLY AS SHOWN.



GLASS TYPES 14 THROUGH
17 MAY NOT BE USED WITH
J-CHANNEL OR INTEGRAL
FIN FRAMES.

TABLE 11:

Window Design Pressure, (+/- psf)												Use this table for Glass Type:	15
3/16" T Cap - Airspace - 7/16" A/A with SG													
Window Dimensions	Long Side (in)												
	77.76	79	81	83	86	87	91	94	96	99	104	107	111
Short Side (in)	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110
	40	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-109.9	+80/-108.5	+80/-107.5	+80/-106.9	+80/-106.1	+80/-104.8	+80/-103.3
	42	+80/-110	+80/-109.8	+80/-108.8	+80/-107.9	+80/-106.7	+80/-106.3	+80/-104.8	+80/-103.8	+80/-103.2	+80/-100.8	+80/-97.7	+80/-94.8
	44	+80/-107.3	+80/-106.7	+80/-105.7	+80/-104.7	+80/-103.4	+80/-103	+80/-101.4	+80/-98.6	+80/-96.7	+80/-94.1	+80/-91.4	+80/-89.2
	48	+80/-102	+80/-101.3	+80/-100.3	+80/-99.2	+80/-97.3	+80/-96.2	+80/-92.5	+80/-90.4	+80/-89.2	+80/-87.3	+80/-84.4	+80/-80.5
	50	+80/-99.8	+80/-99.1	+80/-98	+80/-96.9	+80/-93.9	+80/-93.1	+80/-89.9	+80/-87.7	+80/-86.2	+80/-84.3	+80/-81.1	+/-79.3
	51	+80/-98.8	+80/-98	+80/-96.9	+80/-95.8	+80/-92.8	+80/-92	+80/-88.7	+80/-86.4	+80/-85	+80/-82.8	+/-79.6	+/-77.7
	54	+80/-96.1	+80/-95.3	+80/-94	+80/-92.1	+80/-89.4	+80/-88.5	+80/-85.1	+80/-82.7	+80/-81.1	+/-78.9	+/-75.3	+/-73.2
	56	+80/-94	+80/-93.2	+80/-91.6	+80/-90.1	+80/-87.2	+80/-86.3	+80/-82.8	+80/-80.2	+/-78.6	+/-76.3	+/-72.5	+/-70.5
	58	+80/-91.4	+80/-90.6	+80/-89	+80/-87.5	+80/-85.1	+80/-84.2	+80/-80.6	+/-78	+/-76.3	+/-73.8	+/-70.2	
	61	+80/-87.8	+80/-87	+80/-85.3	+80/-83.6	+80/-81.2	+80/-80.5	+/-77.3	+/-74.6	+/-72.8	+/-70.4		
	63	+80/-85.5	+80/-84.6	+80/-82.8	+80/-81.1	+/-78.8	+/-78	+/-74.8	+/-72.3	+/-70.6			
	64	+80/-84.4	+80/-83.5	+80/-81.7	+/-80	+/-77.5	+/-76.6	+/-73.5	+/-71.2				
	66	+80/-82.2	+80/-81.2	+/-79.4	+/-77.6	+/-75	+/-74.2	+/-71					
	68	+/-80	+/-79.1	+/-77.2	+/-75.4	+/-72.7	+/-71.9						
	70	+/-78	+/-77.1	+/-75.2	+/-73.4	+/-70.7							
	74	+/-74.1	+/-73	+/-71									
	76	+/-72.2	+/-71.1										
	77.76	+/-70.5											
												MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4
												APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)	NOT APPLICABLE
												13.2"	

NOTES:

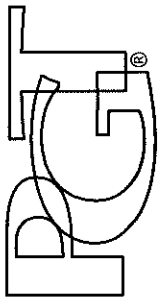
- 1) BUCK DIMENSIONS SHOWN.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
- 3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0614-09
Expiration Date April 30, 2010
By *Manuel Perez*
Miami Dade Product Control

NO CHANGES THIS SHEET.

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

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VINYL FIXED WINDOW NOA (LM&SM)

DESIGN PRESSURE TABLES D

PW-5520

Sheet

NTS

Scale

9 OF 11

Rev.

MD-5520.0

B

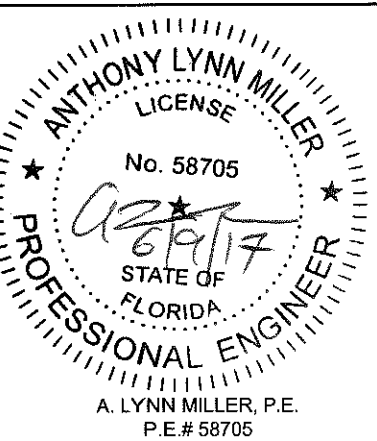
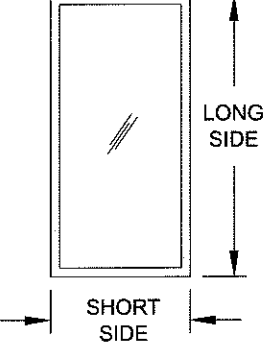
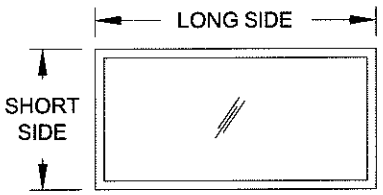
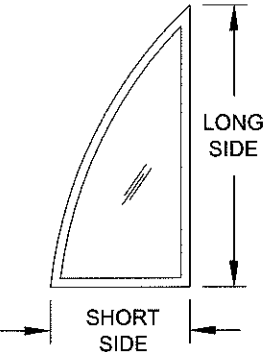
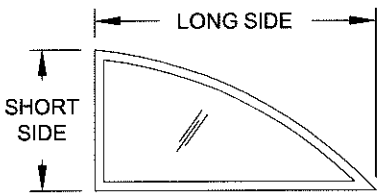


TABLE 12:

Window Design Pressure, (+/- psf)														Use this table for Glass Type:	16
1/8" T Cap - Airspace - 7/16" H/H with SG															
Window Dimensions		Long Side (in)													
		60.926	64	66	68	70	74	77	80	84	87	92	97	99	
Short Side (in)	32	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	34	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	38	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		
	40	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110			
	42	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110				
	44	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110					
	46	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110						
	48	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110							
	50	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4 APPLIES TO B, C OR D ANCHORS (SEE TABLE 2) 11.8" MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4 NOT APPLICABLE						
	52	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110									
	54	+80/-110	+80/-110	+80/-110	+80/-110										
	56	+80/-110	+80/-110	+80/-110											
	58	+80/-110	+80/-110												
	60.926	+80/-110													

TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.



GLASS TYPES 14 THROUGH 17 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.

TABLE 13:

Window Design Pressure, (+/- psf)																			Use this table for Glass Type:		17
3/16" T Cap - Airspace - 7/16" H/H with SG																					
Window Dimensions		Long Side (in)																			
		77.76	79	81	83	86	87	91	94	96	99	104	107	111	118	120	125	136	144		
Short Side (in)	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		
	40	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		
	42	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		
	44	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		
	48	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110				
	50	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110					
	51	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110						
	54	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110							
	56	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110									
	58	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110										
	61	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110											
	63	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110											
	64	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110												
	66	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110													
	68	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110														
	70	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110															
72	+80/-110	+80/-110	+80/-110	+80/-110																	
74	+80/-110	+80/-110	+80/-110																		
76	+80/-110	+80/-110																			
MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4														MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4							
APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)														NOT APPLICABLE							
9"																					

Clark County Department of Regulatory And Economic Resources - Job Copy

8/20/2024 10:00 AM

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 17-0614-09 Expiration Date April 20, 2020 By: *Manuel Perez* Miami Dade Product Control

NO CHANGES THIS SHEET.

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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VINYL FIXED WINDOW NOA (LM&SM)

DESIGN PRESSURE TABLE E

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

9/9/14

J ROSOWSKI

MD-5520.0

10 OF 11

NTS

PW-5520

Series Desc. Title

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/9/17
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Miami Dade County Department of Regulatory and Economic Resources - Job Copy
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NCA for Fixed Window (Picture Window) 17061409.pdf

- NOTES:
- 1) BUCK DIMENSIONS SHOWN.
 - 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
 - 3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

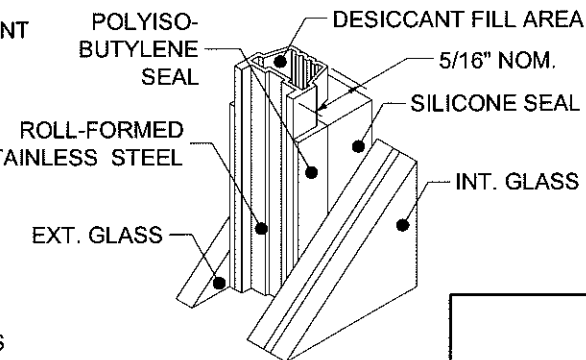
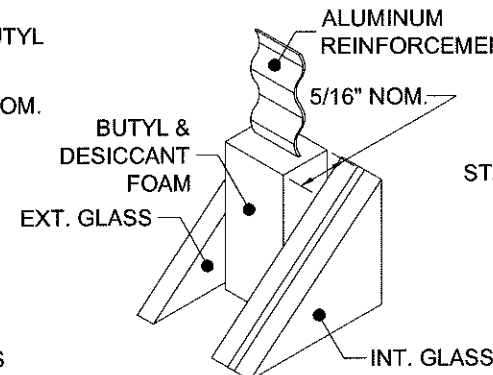
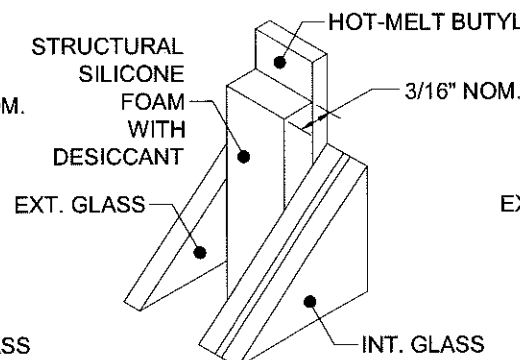
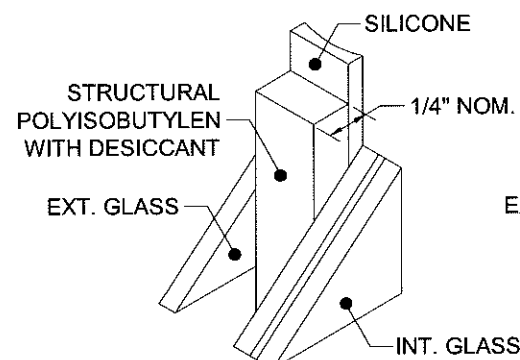
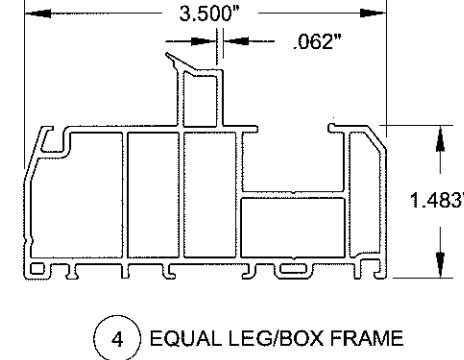
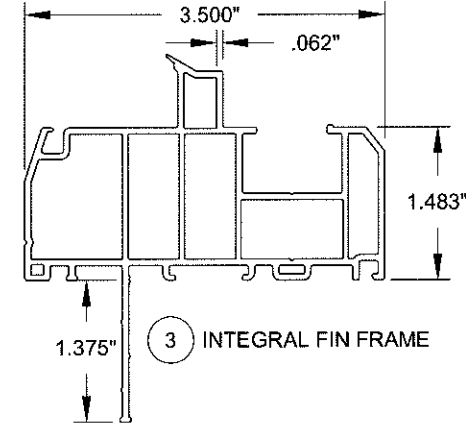
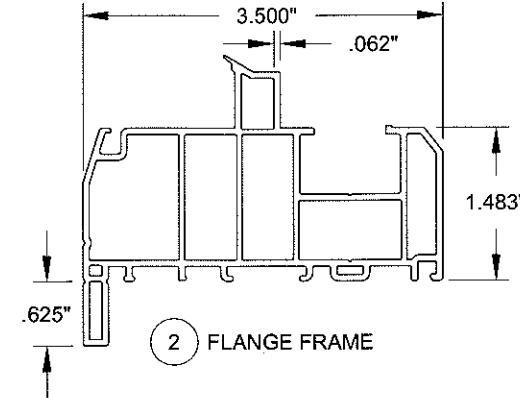
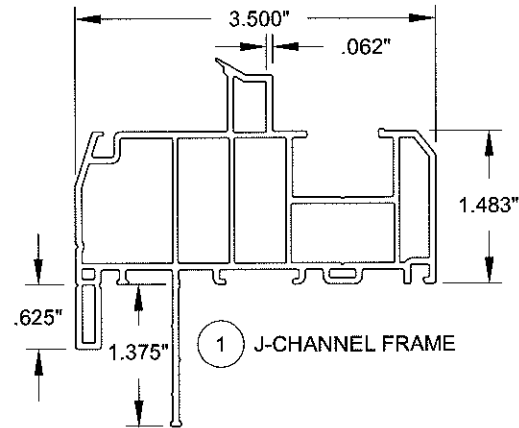
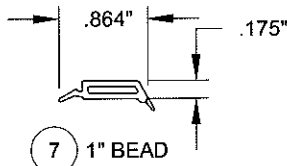
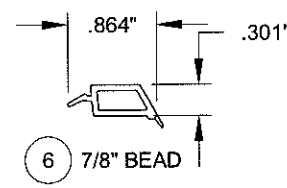
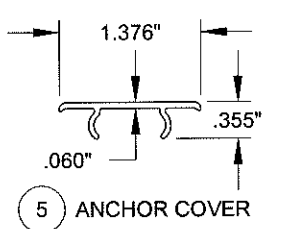
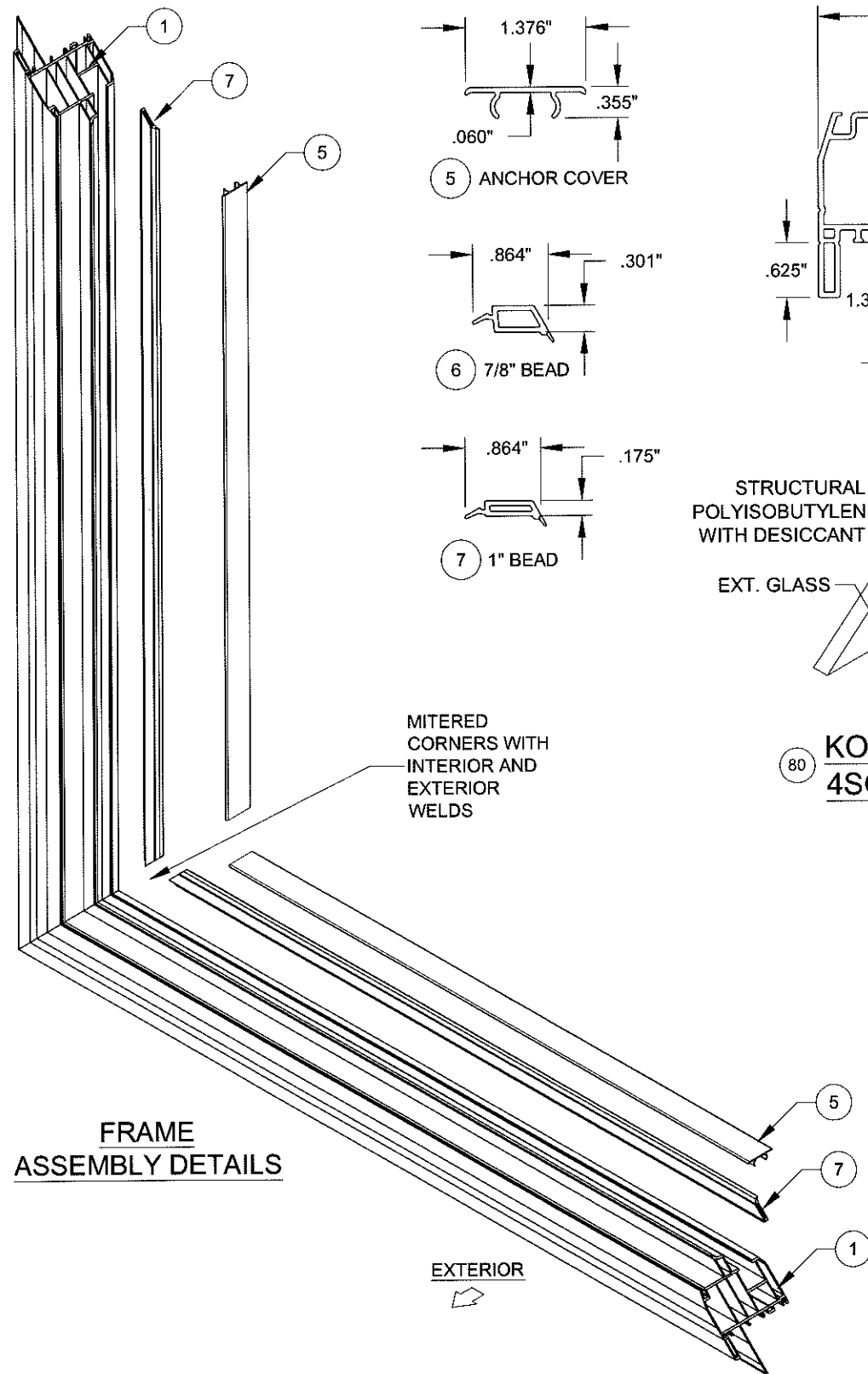


TABLE 14:

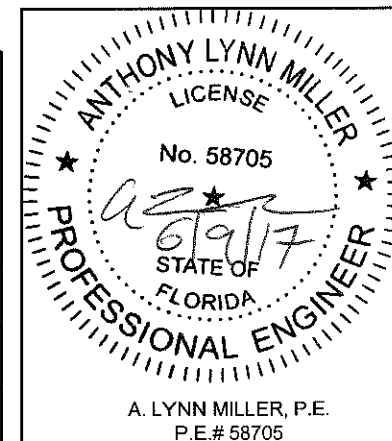
#	Part #	Description	Material
1	620117	J-channel Frame	PVC
2	620118	Flange Frame	PVC
3	620119	Integral Fin Frame	PVC
4	620120	Equal Leg/Box Frame	PVC
5	620133	Anchor Cover	PVC
6	720136	7/8" Glazing Bead	PVC
7	720135	1" Glazing Bead	PVC
74		Backbedding, GE 7700 or Dow 791	Silicone
78	71646N	Setting Block (7/8" x 1" x 1/8"), 85 +/- 5 duro.	EPDM

- NOTES:
- 1) SOME PARTS NOT SHOWN FOR CLARITY.
 - 2) J-CHANNEL FRAME SHOWN, PART #1. OTHER FRAME TYPES APPLY.
 - 3) ITEMS # 8-73, 75-77 & 79 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.
 - 4) ENERGI PVC TO BE LABELED FOR AAMA EXTRUDER CODE.

Part #	Description	Material
80	Kodispacer 4SG TPS Spacer System	See this Sheet for Materials
81	Qualex Super Spacer NXT with Hot Melt Butyl	
82	Duraseal DuraSeal Spacer	
83	Cardinal XL Edge Spacer	

REFERENCE TEST REPORTS: FTL-8717, 8968 & 8970

CERT. OF AUTH. #29296		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600	
		COPYRIGHT © 2017 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED	
Title VINYL FIXED WINDOW NOA (LM&SM)	Date 9/9/14		
Desc. BOM & ASSEMBLY	Drawn By J ROSOWSKI		
Series PW-5520	Scale NTS	Sheet 11 OF 11	DWG No. MD-5520.0
	Rev. B		



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-0614.09
 Expiration Date April 30, 2020
 By *Manuel Diaz*
 Miami Dade Product Control

NO CHANGES THIS SHEET.

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