



**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.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)

**PGT Industries**  
**1070 Technology Drive**  
**Nokomis, 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 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 "PW 520 Vinyl" White PVC Fixed Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **5190-1**, titled "Vinyl Picture Window, Large Missile Impact", sheets 1 through 10 of 10, dated 08/04/08 with revision "A" dated 11/25/08, prepared by manufacturer, signed and sealed by Robert L. Clark, 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 pages E-1 and E-2, as well as approval document mentioned above.

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



**NOA No. 08-0820.15**  
**Expiration Date: January 08, 2014**  
**Approval Date: January 08, 2009**  
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

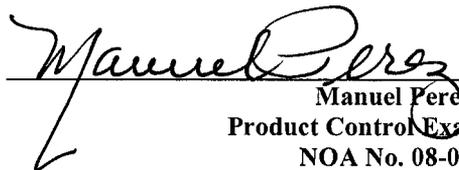
1. Manufacturer's die drawings and sections.
2. Drawing No **5190-1**, titled "Vinyl Picture Window Large Missile Impact", sheets 1 through 10 of 10, dated 08/04/08 with revision "A" dated 11/25/08, prepared by manufacturer, signed and sealed by Robert L. Clark, P.E.

**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 a vinyl fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5712**, dated 08/13/08, signed and sealed by Carlos S. Rionda, P.E.
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, TAS 202-94along with marked-up drawings and installation diagram of a vinyl fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5729**, dated 09/09/08, signed and sealed by Carlos S. Rionda, P.E.
3. 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, prepared by Architectural Testing, Inc., Test Report No. **ATI-84576.01-401-47**, dated 10/31/08, signed and sealed by Joseph A. Reed, P.E. *(For Reference only)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by manufacturer, dated 11/25/08, signed and sealed by Robert L. Clark, P.E.  
**Complies with ASTM E1300-02/04**

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-0820.15

Expiration Date: January 08, 2014  
Approval Date: January 08, 2009

**PGT Industries**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite PVB, Interlayer**" dated 01/05/06, expiring on 12/11/10.
2. Notice of Acceptance No. **06-1220.01** issued to Spectus Systems – A Mikron Company for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 01/11/07, expiring on 12/26/11.

**F. STATEMENTS**

1. Statement letter of conformance, dated August 12, 2008, signed and sealed by Robert L. Clark, P.E.
2. Statement letter of no financial interest, dated August 12, 2008, signed and sealed by Robert L. Clark, P.E.
3. Laboratory compliance letter for Test Report no. **FTL-5729** and **FTL-5712**, issued by Fenestration Testing Laboratory, Inc., dated August 13, 2008 and September 09, 2008, signed and sealed by Carlos S. Rionda, P.E.
4. Laboratory compliance letter for Test Report no. **ATI-84576.01-401-47**, issued by Architectural Testing, Inc., dated October 31, 2008, signed and sealed by Joseph A. Reed, P.E. (*For Reference only*)

**G. OTHERS**

1. None

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-0820.15

Expiration Date: January 08, 2014  
Approval Date: January 08, 2009

# NOTES: LARGE MISSILE WINDOWS

1. GLAZING OPTIONS:
  - A. 7/8" LAMI I.G. GLASS COMPRISED OF (1) LITE OF 3/16" TEMPERED OR ANNEALED GLASS, AIRSPACE AND 5/16" LAMINATED GLASS WHICH IS COMPRISED OF (2) LITE OF 1/8" ANNEALED GLASS WITH AN .090 INTERLAYER OF DUPONT PVB.
  - B. 1" LAMI I.G. GLASS COMPRISED OF (1) LITE OF 3/16" TEMPERED OR ANNEALED GLASS, AIRSPACE AND 5/16" LAMINATED GLASS WHICH IS COMPRISED OF (2) LITES OF 1/8" ANNEALED GLASS WITH AN .090 INTERLAYER OF DUPONT PVB.
2. DESIGN PRESSURE RATINGS: (SEE TABLE 1 AND NOTES BELOW)
  - A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND ASTM E 1300-02 GLASS TABLES .
  - B. POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER TEST PRESSURE, AND ASTM E 1300-02 GLASS TABLES .
3. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, CURRENT EDITION.
4. FOR ANCHORAGE INFORMATION SEE SHEETS 9 AND 10.
5. SHUTTER REQUIREMENT: NONE REQUIRED FOR UNITS LESS THAN 30'.
6. REFERENCES: TEST REPORTS, FTL-5712 & FTL-5729.  
 ELCO TEXTRON NOA: 04-0721.01, 03-0225.05  
 ANSI/AF&PA NDS-2001 FOR WOOD CONSTRUCTION
7. THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, CURRENT EDITION INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

## NOA DRAWING TABLE OF CONTENTS

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**TABLE 1. DESIGN PRESSURES (PSF)**  
 GLASS TYPES: A. 7/8" LAMINATED INSULATED GLASS (3/16"A - AIRSPACE - 1/8"A., .090, 1/8"A.)  
 B. 1" LAMINATED INSULATED GLASS (3/16"A. - AIRSPACE 1/8"A., .090, 1/8"A.)

WINDOW HEIGHT	GLASS TYPE	WINDOW WIDTH							
		59.000		60.000		61.000		62.000	
44.000	A,B	+80.0	-80.0	+80.0	-80.0	+80.0	-80.0	+80.0	-80.0
	AREA	18.03 SQ.FT.		18.33 SQ.FT.		18.64 SQ.FT.		18.94 SQ.FT.	
45.000	A,B	+80.0	-80.0	+80.0	-80.0	+80.0	-80.0	+79.6	-79.6
	AREA	18.44 SQ.FT.		18.75 SQ.FT.		19.06 SQ.FT.		19.38 SQ.FT.	
46.000	A,B	+80.0	-80.0	+80.0	-80.0	+80.0	-80.0	+78.5	-78.5
	AREA	18.85 SQ.FT.		19.17 SQ.FT.		19.49 SQ.FT.		19.81 SQ.FT.	
47.000	A,B	+80.0	-80.0	+79.9	-79.9	+79.0	-79.0	+77.4	-77.4
	AREA	19.26 SQ.FT.		19.58 SQ.FT.		19.91 SQ.FT.		20.24 SQ.FT.	
48.000	A,B	+80.0	-80.0	+78.8	-78.8	+78.0	-78.0	+76.3	-76.3
	AREA	19.67 SQ.FT.		20.00 SQ.FT.		20.33 SQ.FT.		20.67 SQ.FT.	

- NOTE:**
1. THE MAXIMUM ALLOWABLE DESIGN PRESSURE FOR 1/2 CIRCLES IS +/-80.0 PSF FOR ALL SIZES.
  2. IF A TEMPERED CAP IS USED MAX. DP IS +/-50.0 PSF.

Approved as complying with the Florida Building Code  
 Date 08/08/2009  
 NOA# 08-0820-15  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

*[Signature]*  
 11/25/08

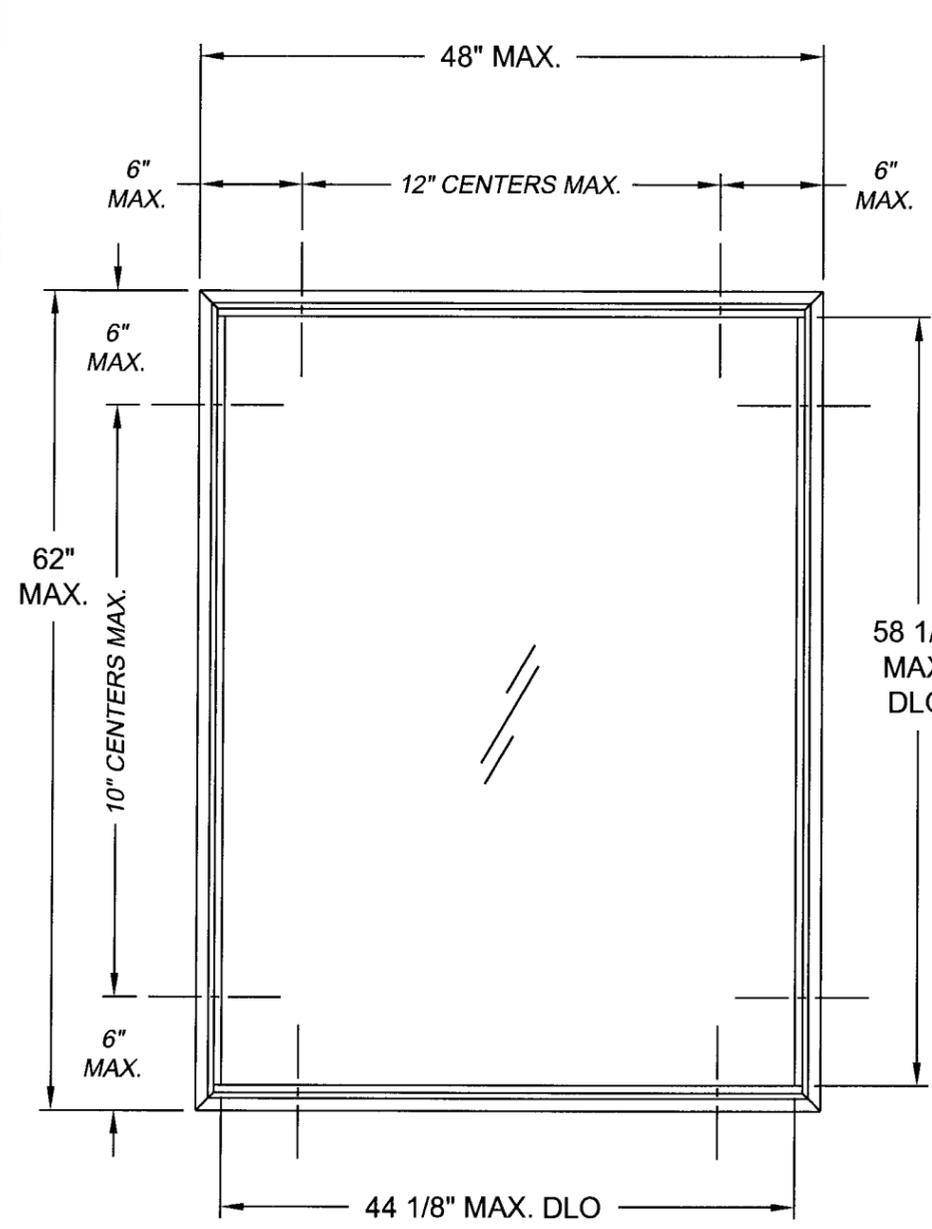
Robert L. Clark, P.E.  
 PE #39712  
 Structural

Revsd By: D.G.	Date: 11/25/08	Revisions: A	PER MIAMI-DADE LETTER DATED 10/31/08
Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
Drawn By: D.G.	Date: 8/4/08	Checked By:	Date:

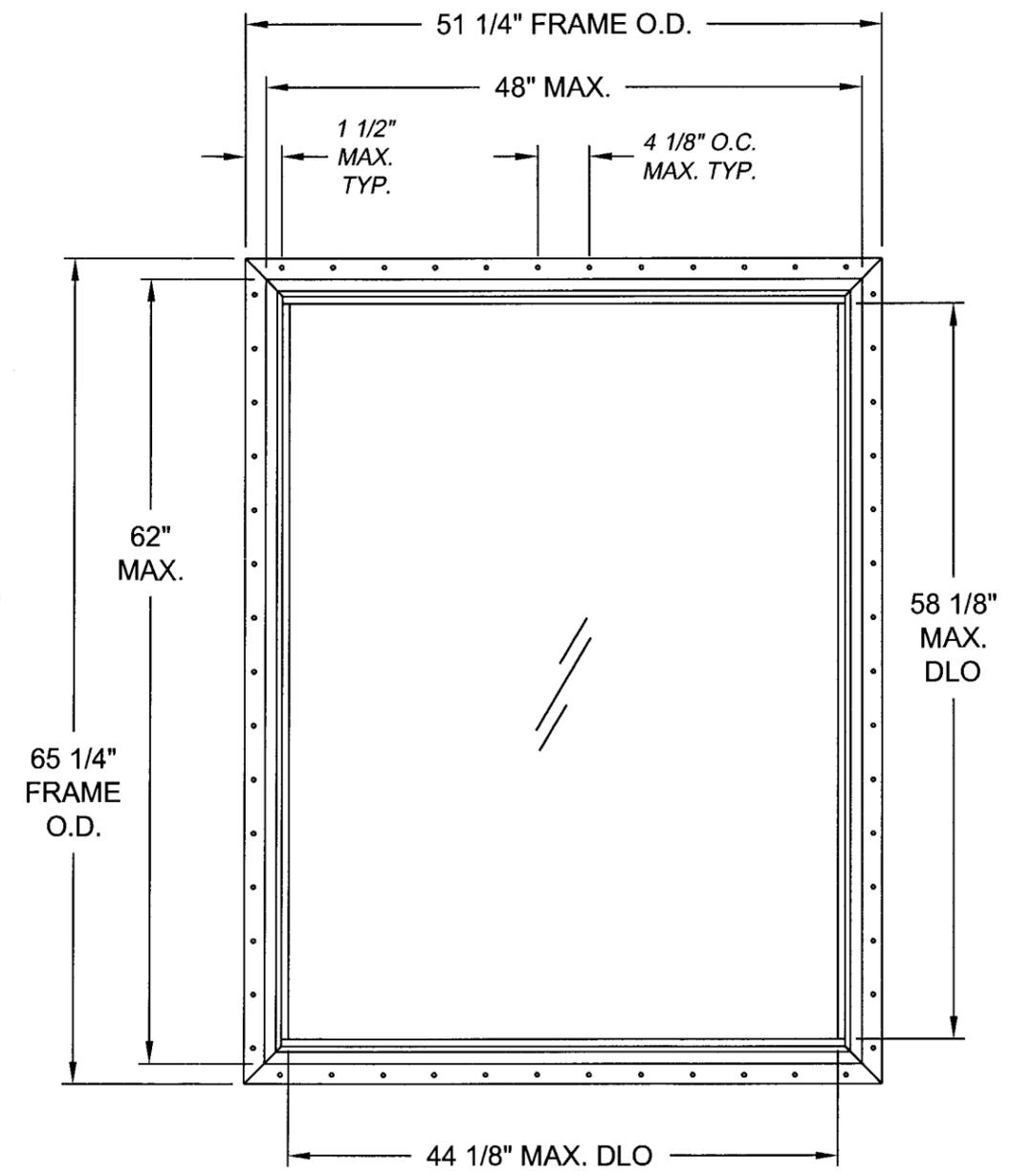
1070 TECHNOLOGY DRIVE  
 NOKOMIS, FL 34275  
 P.O. BOX 1529  
 NOKOMIS, FL 34274



Description: NOTES, TABLE OF CONTENTS & PRESSURES				
Title: Vinyl Picture Window, Large Missile Impact				
Series/Model: PW-520	Scale: NTS	Sheet: 1 of 10	Drawing No. 5190-1	Rev: A



**BOX FRAME**  
MAX. SIZE = 48" X 62"



**INTEGRAL FIN**  
MAX. SIZE = 48" X 62"

**NOTE:**  
FOR ANCHORAGE INFORMATION SEE SHEETS 9 AND 10.

Revsd By: D.G.	Date: 11/25/08	Revisions: A	PER MIAMI-DADE LETTER DATED 10/31/08
Revsd By:	Date:	Revisions:	
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Drawn By: D.G.	Date: 8/04/08	Checked By:	Date:

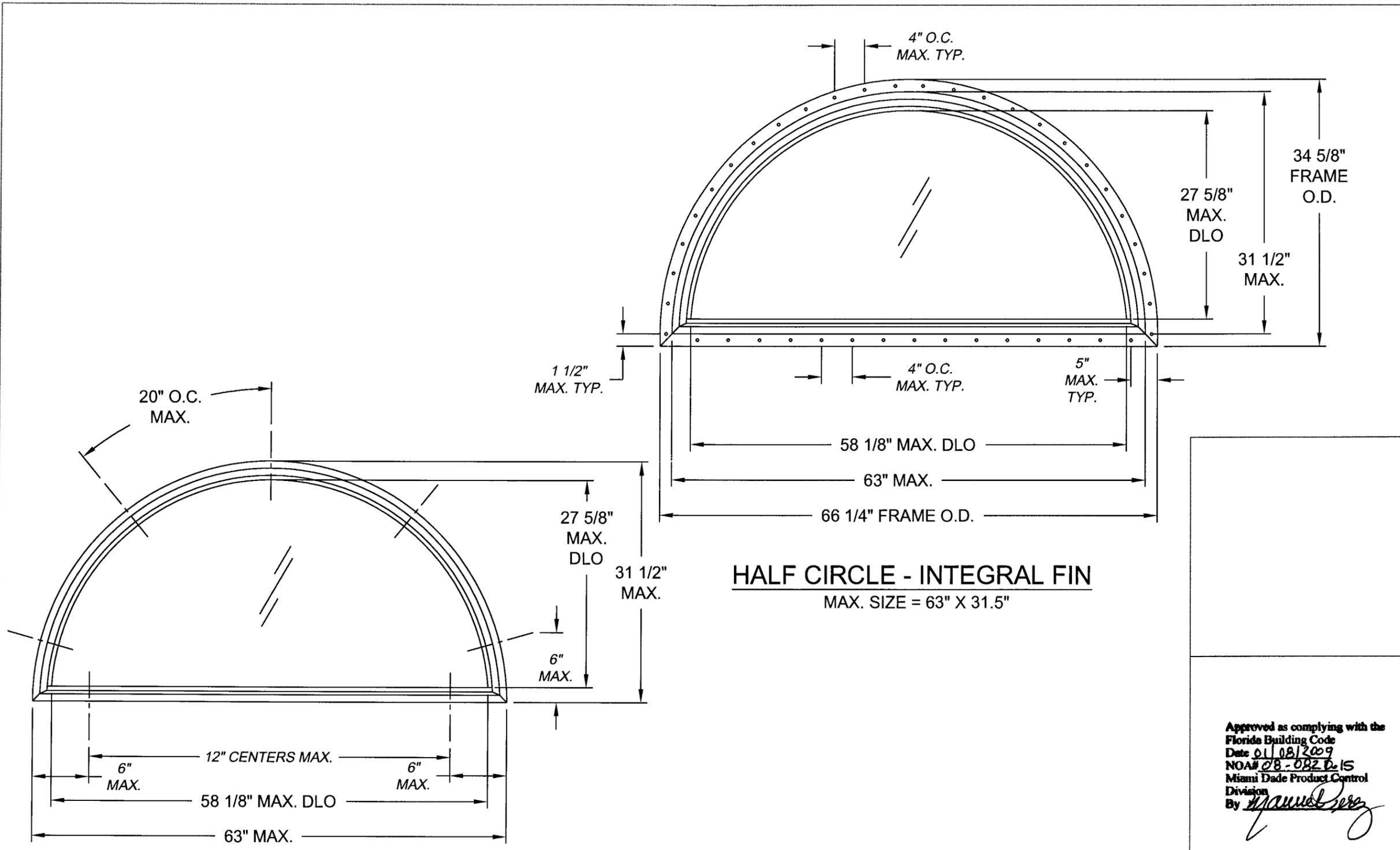
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
  
P.O. BOX 1529  
NOKOMIS, FL 34274



Description: <b>ELEVATIONS</b>		Title: <b>Vinyl Picture Window, Large Missile Impact</b>	
Series/Model: PW-520	Scale: NTS	Sheet: 2 of 10	Drawing No. 5190-1
			Rev: A

Approved as complying with the  
Florida Building Code  
Date 01/08/2009  
NOA# 08-0820.15  
Miami Dade Product Control  
Division  
By *[Signature]*

*[Signature]*  
11/25/08  
Robert L. Clark, P.E.  
PE #39712  
Structural



**HALF CIRCLE - BOX FRAME**  
MAX. SIZE = 63" X 31.5"

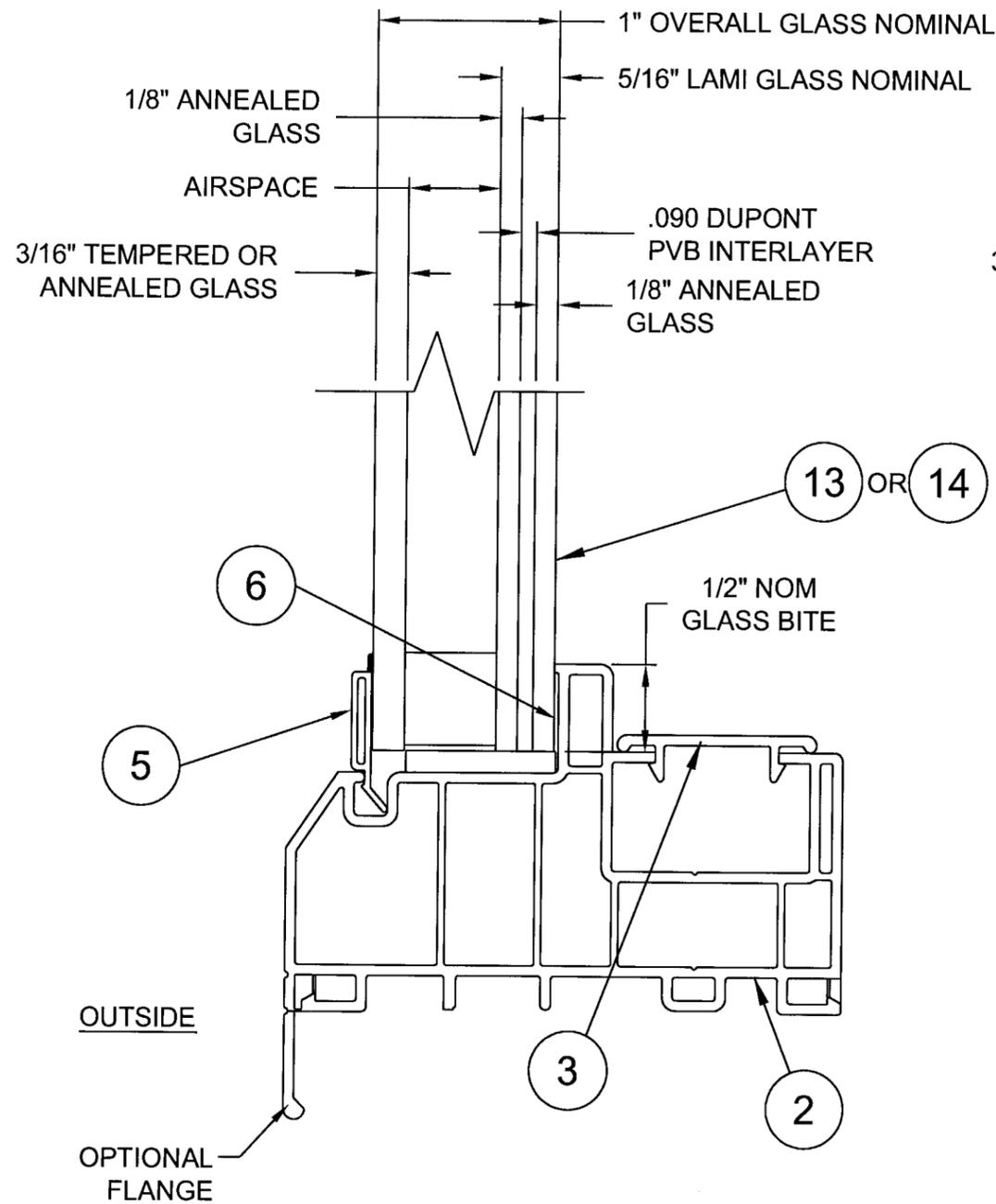
**HALF CIRCLE - INTEGRAL FIN**  
MAX. SIZE = 63" X 31.5"

**NOTE:**  
FOR ANCHORAGE INFORMATION SEE SHEETS 9 AND 10.

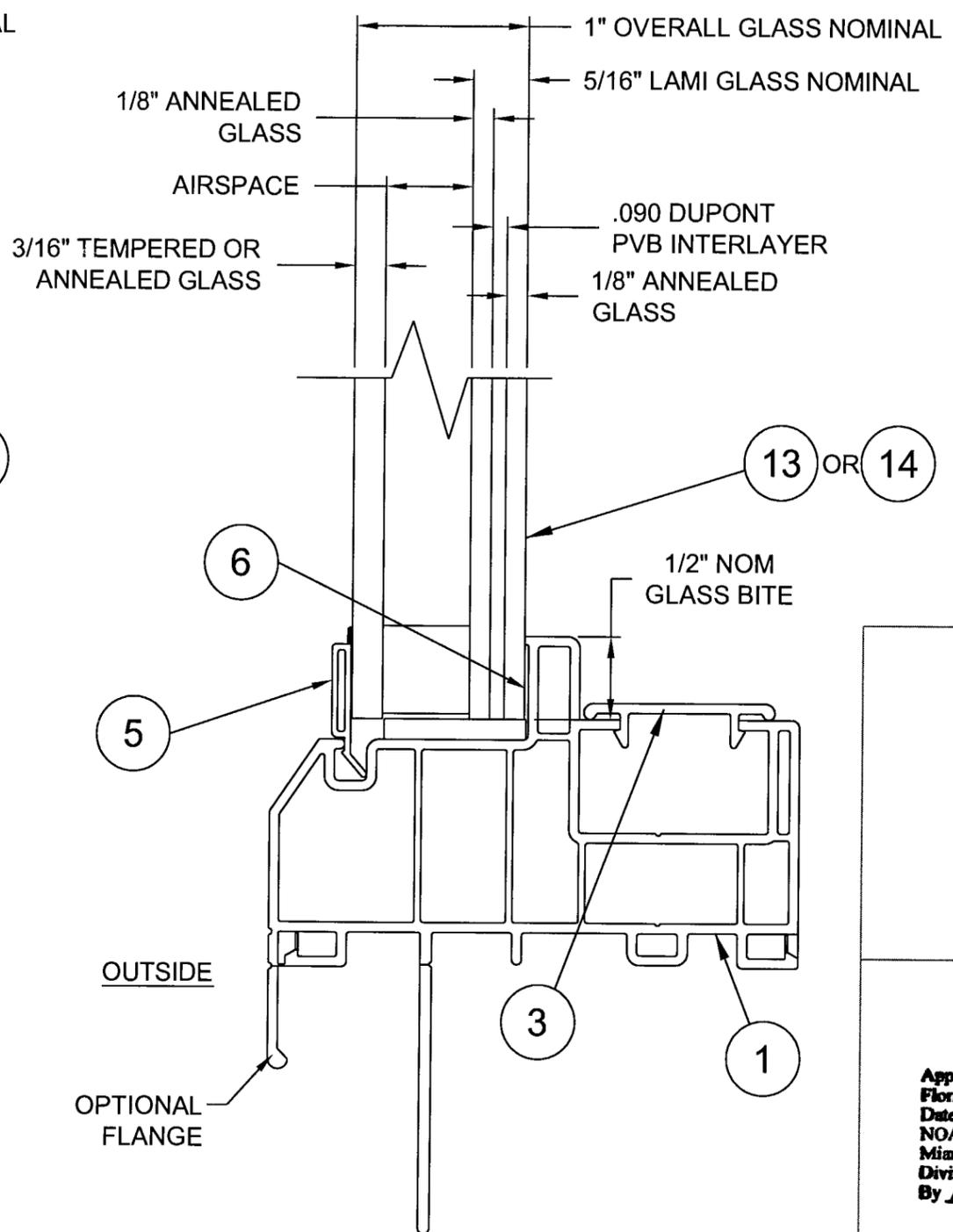
Revsd By: D.G.	Date: 11/25/08	Revisions: A	PER MIAMI-DADE LETTER DATED 10/31/08	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275  P.O. BOX 1529 NOKOMIS, FL 34274	 Visibly Better	Description: <b>ELEVATIONS</b>		Series/Model: PW-520	Scale: NTS	Sheet: 3 of 10	Drawing No. 5190-1	Rev: A
Revsd By:	Date:	Revisions:				Title: <b>Vinyl Picture Window, Large Missile Impact</b>						
Revsd By:	Date:	Revisions:										
Drawn By: D.G.	Date: 8/04/08	Checked By:	Date:									

Approved as complying with the  
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Date 01/08/2009  
NOA# 08-082 D-15  
Miami Dade Product Control  
Division  
By *[Signature]*

*[Signature]*  
11/25/08  
Robert L. Clark, P.E.  
PE #39712  
Structural



**1" LAMI I.G. GLAZING DETAIL  
WITH 5/16" LAMI GLASS  
BOX OR INTEGRAL FIN FRAME  
(BOX FRAME SHOWN)**



**1" LAMI I.G. GLAZING DETAIL  
WITH 5/16" LAMI GLASS  
BOX OR INTEGRAL FIN FRAME  
(INTEGRAL FIN FRAME SHOWN)**

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NOA# 08-0820.15  
Miami Dade Product Control  
Division  
By *Mauro Perez*

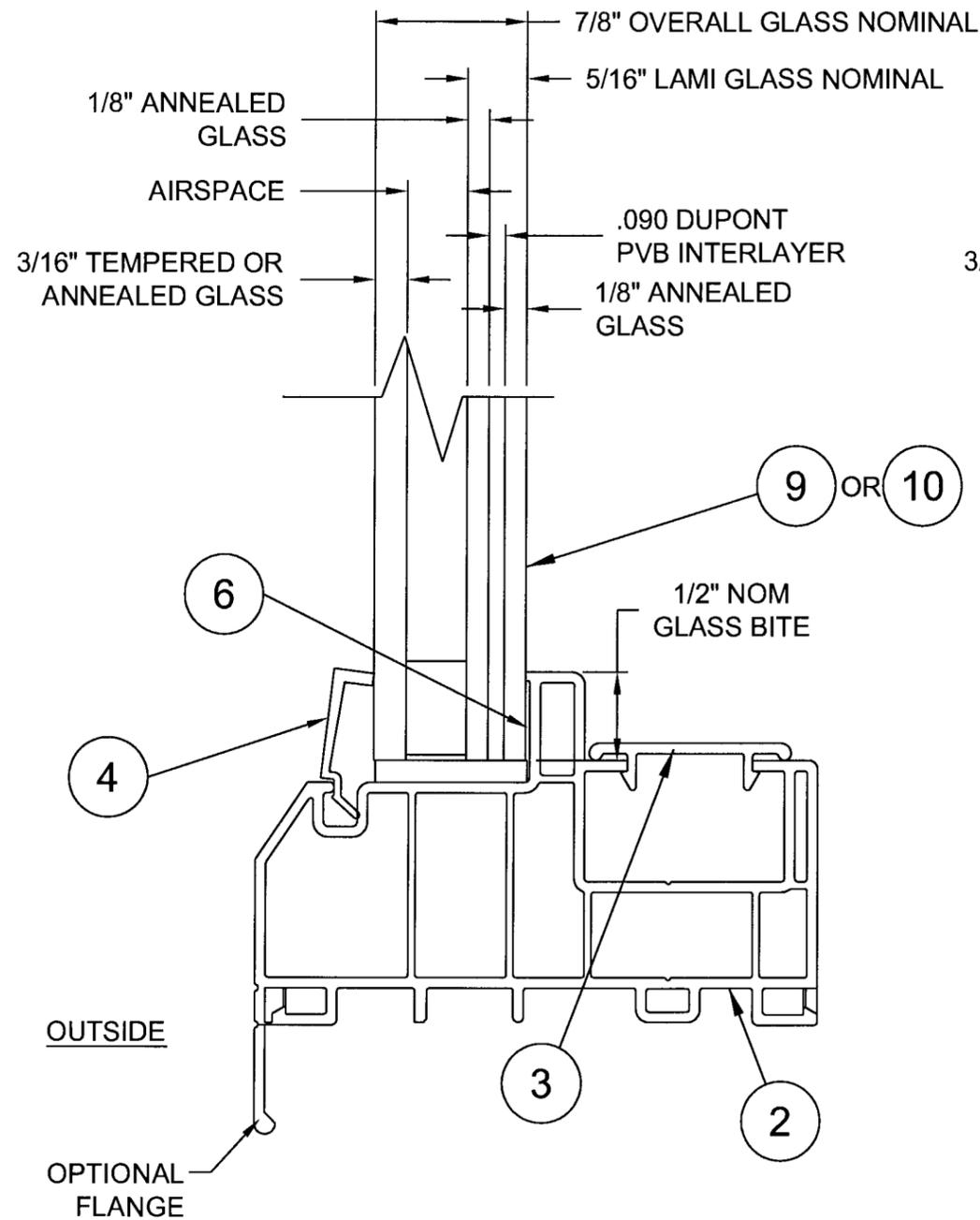
*Robert L. Clark*  
11/25/08  
Robert L. Clark, P.E.  
PE #39712  
Structural

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Revsd By:	Date:	Revisions:	
Drawn By: D.G.	Date: 8/4/08	Checked By:	Date:

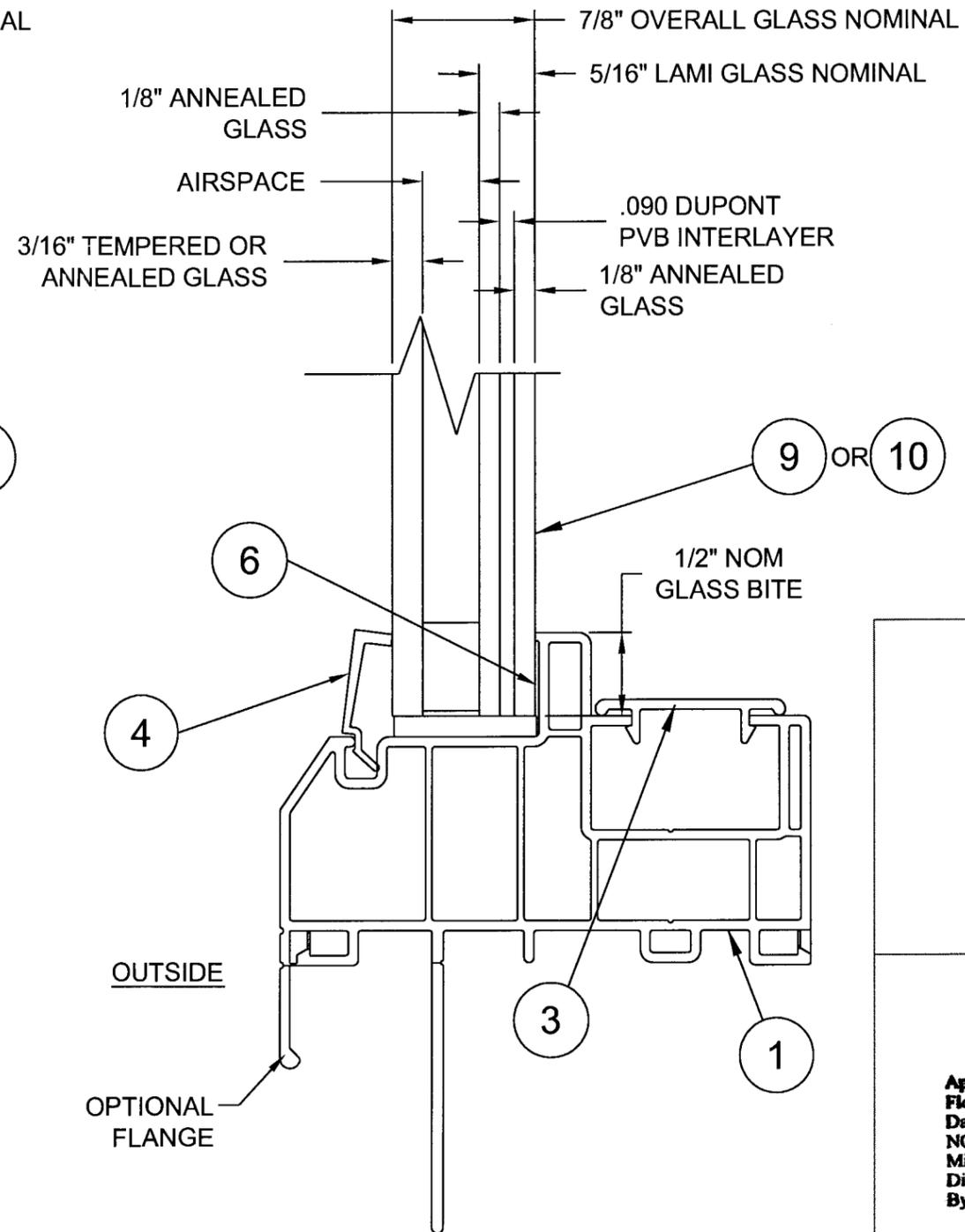
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



Description: <b>GLAZING DETAILS</b>			
Title: <b>Vinyl Picture Window, Large Missile Impact</b>			
Series/Model: PW-520	Scale: FULL	Sheet: 4 of 10	Drawing No. 5190-1
			Rev: A



**7/8" LAMI I.G. GLAZING DETAIL  
WITH 5/16" LAMI GLASS  
BOX OR INTEGRAL FIN FRAME  
(BOX FRAME SHOWN)**



**7/8" LAMI I.G. GLAZING DETAIL  
WITH 5/16" LAMI GLASS  
BOX OR INTEGRAL FIN FRAME  
(INTEGRAL FIN FRAME SHOWN)**

Approved as complying with the  
Florida Building Code  
Date 01/08/2009  
NOA# 08-082015  
Miami Dade Product Control  
Division  
By *Manuel Perez*

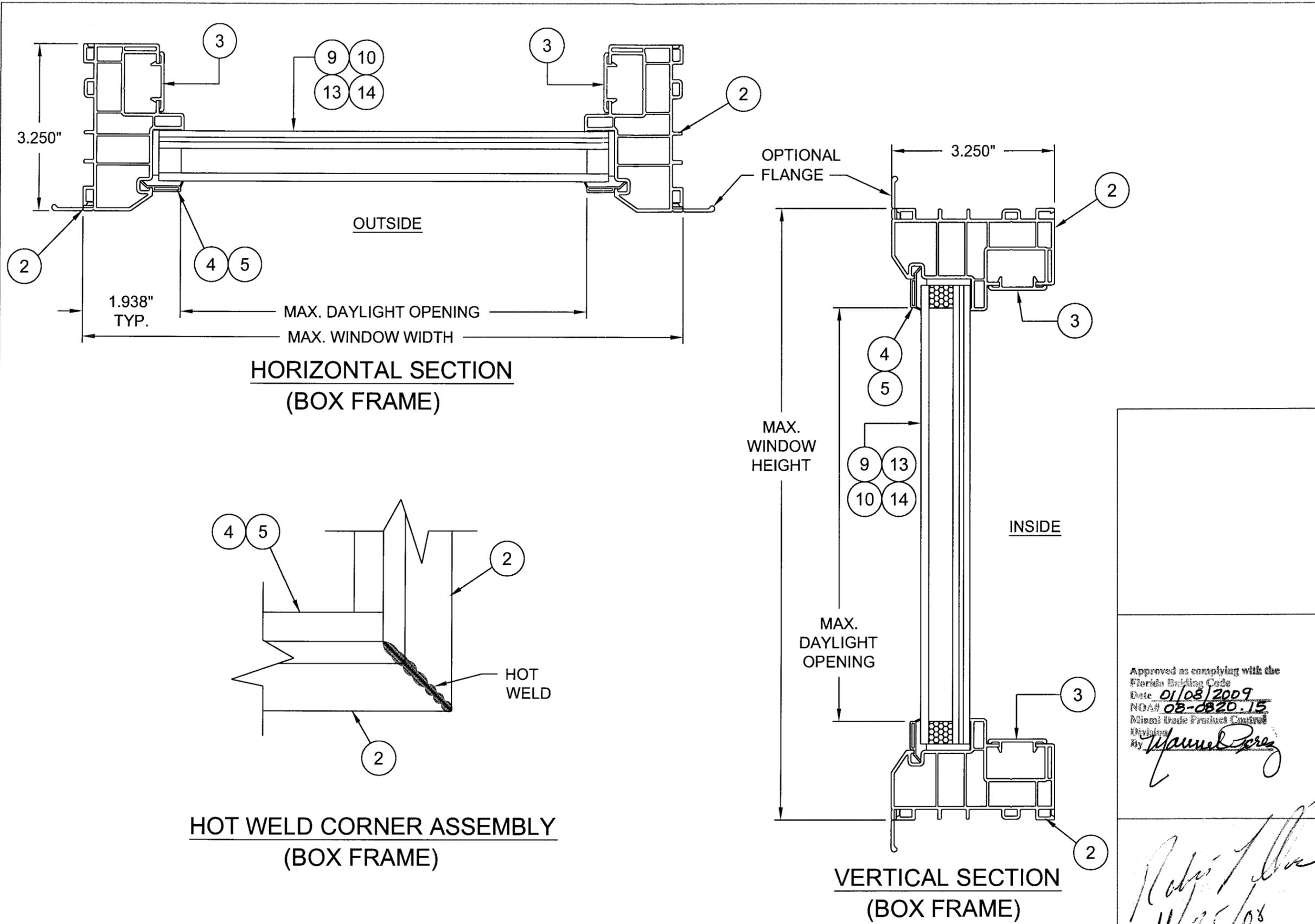
*Robert L. Clark*  
11/25/08  
Robert L. Clark, P.E.  
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Structural

Revsd By: D.G.	Date: 11/25/08	Revisions: A	PER MIAMI-DADE LETTER DATED 10/31/08
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Revsd By:	Date:	Revisions:	
Drawn By: D.G.	Date: 8/4/08	Checked By:	Date:

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



Description: <b>GLAZING DETAILS</b>			
Title: <b>Vinyl Picture Window, Large Missile Impact</b>			
Series/Model: PW-520	Scale: FULL	Sheet: 5 of 10	Drawing No. 5190-1
			Rev. A



Approved as complying with the Florida Building Code  
 Date 01/08/2009  
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 Miami Dade Product Control  
 Division  
 By Manuel Perez

*Robert L. Clark*  
 11/25/08

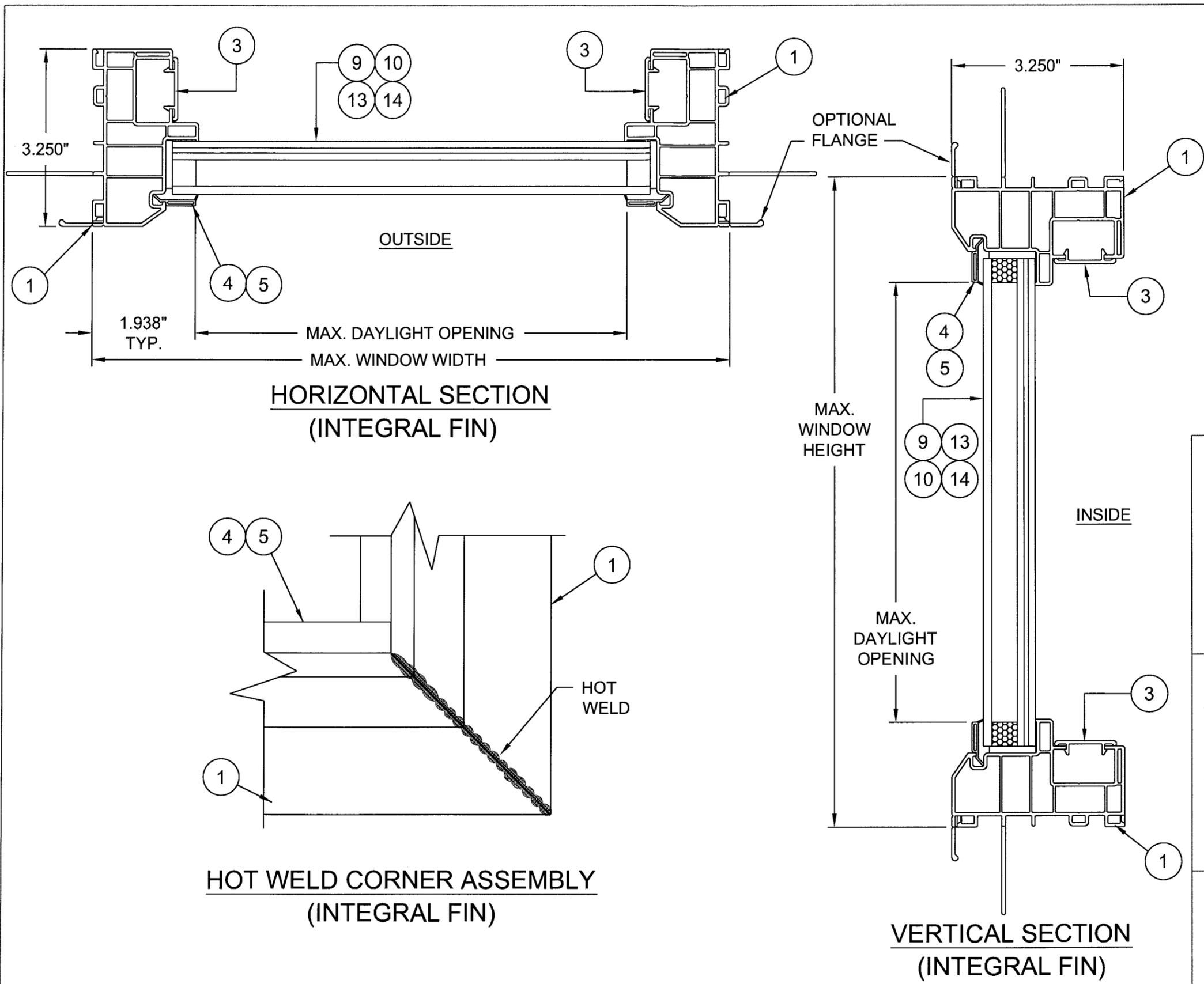
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Revsd By:	Date:	Revisions:	
Drawn By: D.G.	Date: 8/04/08	Checked By:	Date:

1070 TECHNOLOGY DRIVE  
 NOKOMIS, FL 34275  
 P.O. BOX 1529  
 NOKOMIS, FL 34274



Description: <b>SECTIONS &amp; CORNER ASS'Y, BOX FRAME</b>			
Title: <b>Vinyl Picture Window, Large Missile Impact</b>			
Series/Model: PW-520	Scale: HALF	Sheet: 6 of 10	Drawing No. 5190-1
			Rev: A

Robert L. Clark, P.E.  
 PE #39712  
 Structural



Approved as complying with the Florida Building Code  
 Date: 01/08/2009  
 NCAS: 08-0820.15  
 Miami Dade Product Control Division  
 By: *Manuel Perez*

*Robert L. Clark*  
 11/25/08  
 Robert L. Clark, P.E.  
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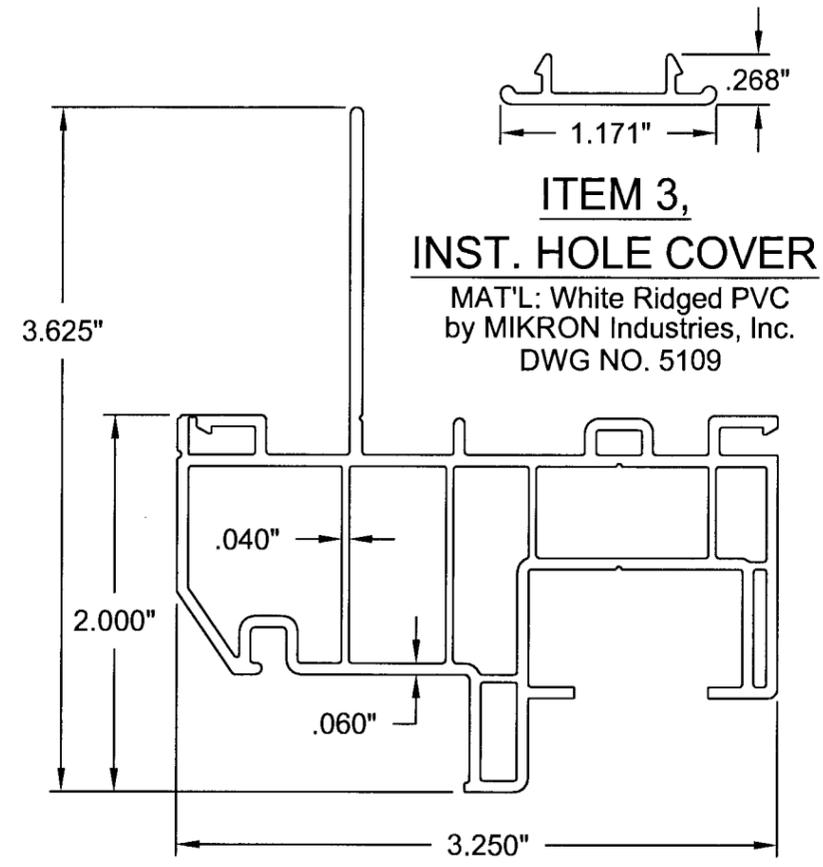
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1070 TECHNOLOGY DRIVE  
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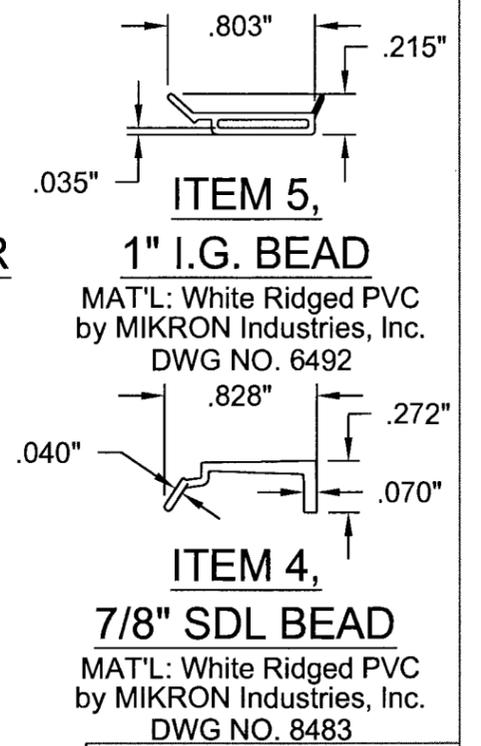


Description: SECTIONS, INTEGRAL FIN			
Title: Vinyl Picture Window, Large Missile Impact			
Series/Model: PW-520	Scale: HALF	Sheet: 7 of 10	Drawing No. 5190-1
			Rev: A

ITEM	DWG NO.	PART #	DESCRIPTION
1	5165	65165	INTEGRAL FIN FRAME HEAD, SILL & JAMB
2	5135	65135	BOX FRAME HEAD, SILL & JAMB
3	5109	65109	FILLER - INSTALL HOLE COVER
4	8483	65148	SDL 7/8" I.G. BEAD
5	6492	65112	STD 1" I.G. BEAD
6			DOW 1199 SILICONE
7			
8			
9			7/8" LAMI I.G. GLASS: 3/16" TEMPERED OUTBOARD - AIRSPACE - 1/8" ANNEALED - .090 PVB INTERLAYER - 1/8" ANNEALED (5/16" LAMI)
10			7/8" LAMI I.G. GLASS: 3/16" ANNEALED OUTBOARD - AIRSPACE - 1/8" ANNEALED - .090 PVB INTERLAYER - 1/8" ANNEALED (5/16" LAMI)
11			
12			
13			1" LAMI I.G. GLASS: 3/16" TEMPERED OUTBOARD - AIRSPACE - 1/8" ANNEALED - .090 PVB INTERLAYER - 1/8" ANNEALED (5/16" LAMI)
14			1" LAMI I.G. GLASS: 3/16" ANNEALED OUTBOARD - AIRSPACE - 1/8" ANNEALED - .090 PVB INTERLAYER - 1/8" ANNEALED (5/16" LAMI)

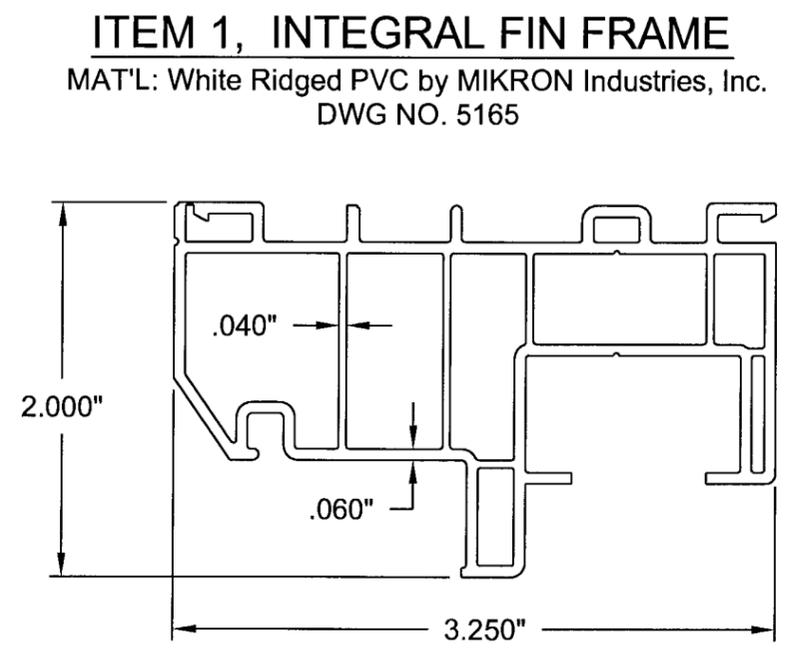


**ITEM 3,  
INST. HOLE COVER**  
MAT'L: White Ridged PVC  
by MIKRON Industries, Inc.  
DWG NO. 5109



**ITEM 5,  
1" I.G. BEAD**  
MAT'L: White Ridged PVC  
by MIKRON Industries, Inc.  
DWG NO. 6492

**ITEM 4,  
7/8" SDL BEAD**  
MAT'L: White Ridged PVC  
by MIKRON Industries, Inc.  
DWG NO. 8483



**ITEM 1, INTEGRAL FIN FRAME**  
MAT'L: White Ridged PVC by MIKRON Industries, Inc.  
DWG NO. 5165

**ITEM 2, BOX FRAME**  
MAT'L: White Ridged PVC by MIKRON Industries, Inc.  
DWG NO. 5135

Approved as complying with the  
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Date 01/08/2009  
NOA# 08-0820.15  
Miami Dade Product Control  
Division  
By Manuel Perez

Robert L. Clark  
11/25/08

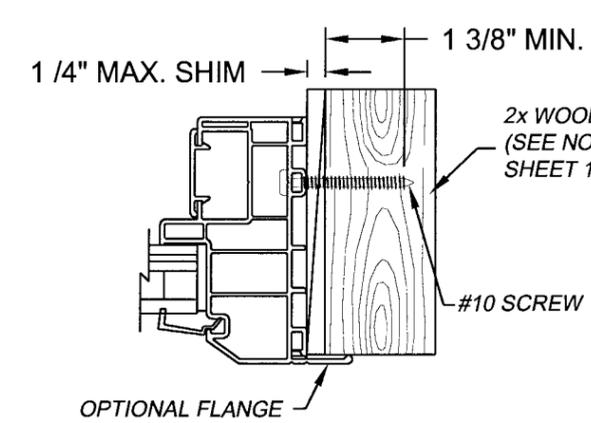
Robert L. Clark, P.E.  
PE #39712  
Structural

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Revsd By:	Date:	Revisions:	
Drawn By: D.G.	Date: 8/04/08	Checked By:	Date:

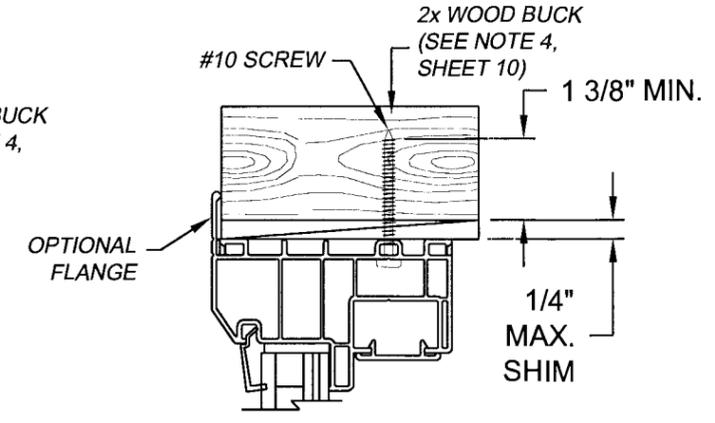
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
  
P.O. BOX 1529  
NOKOMIS, FL 34274



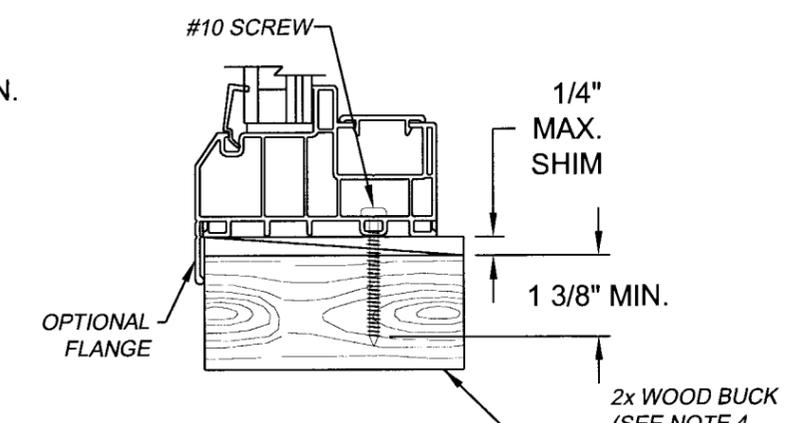
Description: <b>EXTRUSION PROFILES &amp; PARTS LIST</b>			
Title: <b>Vinyl Picture Window, Large Missile Impact</b>			
Series/Model: PW-520	Scale: HALF	Sheet: 8 of 10	Drawing No. 5190-1
			Rev: A



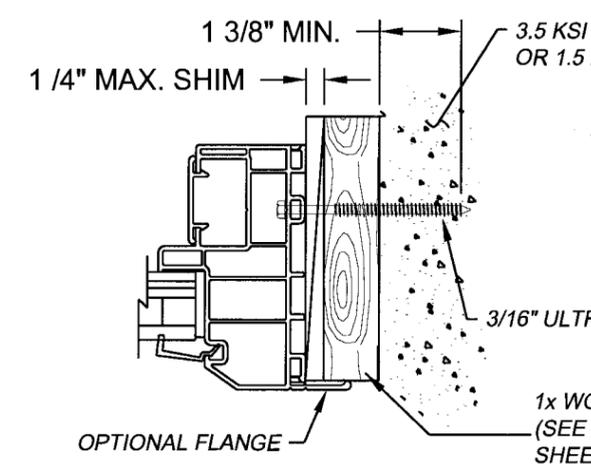
**JAMB - BOX FRAME  
THROUGH FRAME INTO 2x WOOD**



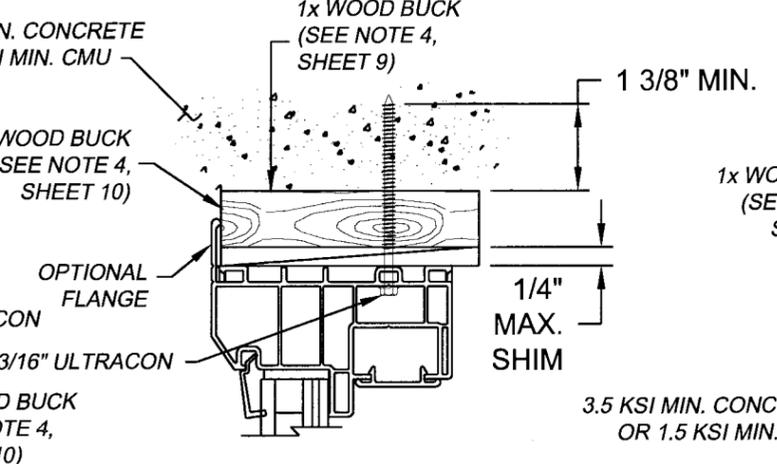
**HEAD - BOX FRAME  
THROUGH FRAME INTO 2x WOOD**



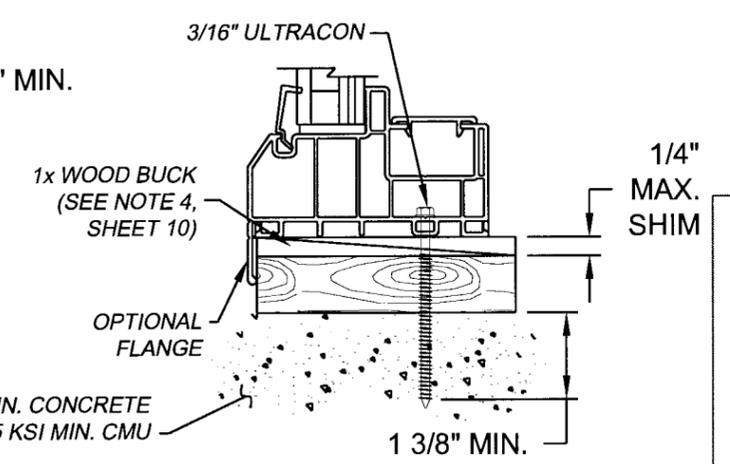
**SILL - BOX FRAME  
THROUGH FRAME INTO 2x WOOD**



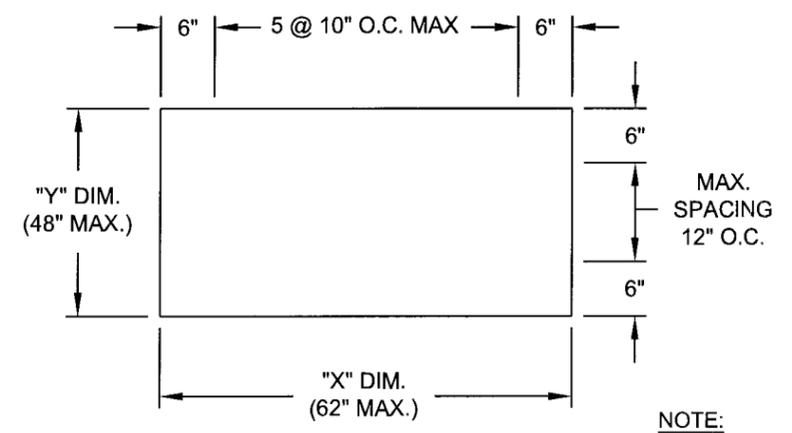
**JAMB - BOX FRAME  
THROUGH FRAME INTO CONCRETE  
1x BUCK OPTIONAL**



**HEAD - BOX FRAME  
THROUGH FRAME INTO CONCRETE  
1x BUCK OPTIONAL**



**SILL - BOX FRAME  
THROUGH FRAME INTO CONCRETE  
1x BUCK OPTIONAL**



NOTE:  
1. FOR ALL 1/2 CIRCLES START ANCHORS 6" FROM THE CORNERS AND A MAX. OF 12" O.C..

\* FOR WINDOWS LESS THAN 40", USE 12" ON CENTER DIMENSION.

Revsd By: D.G.	Date: 11/25/08	Revisions: A	PER MIAMI-DADE LETTER DATED 10/31/08
Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
Drawn By: D.G.	Date: 8/04/08	Checked By:	Date:

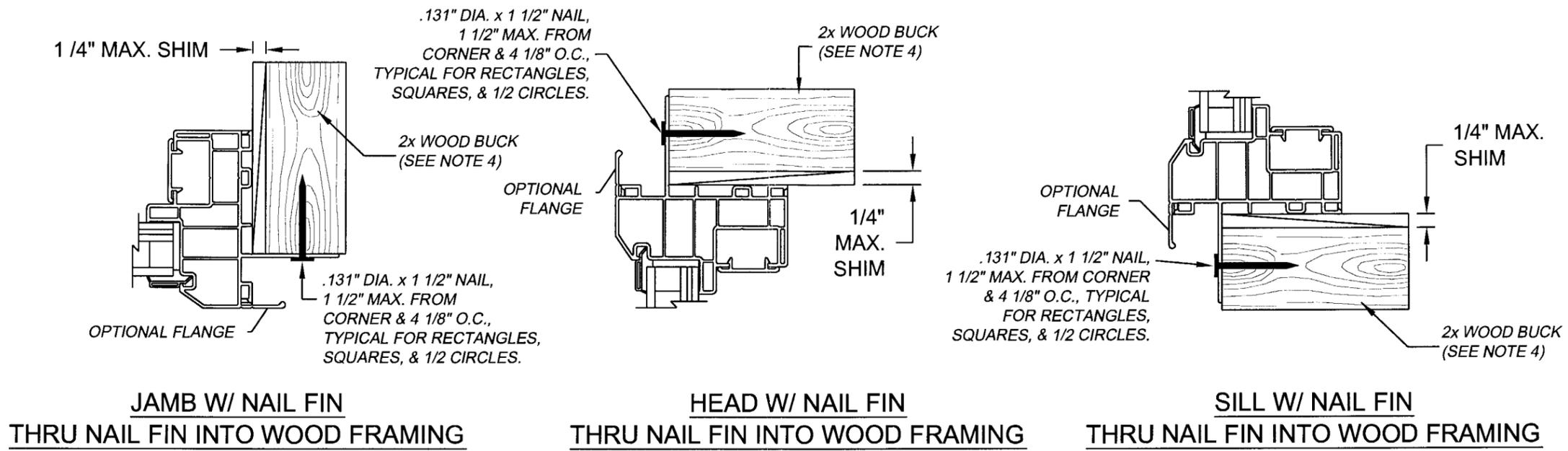
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



Description: ANCHORAGE DETAILS, BOX FRAME			
Title: Vinyl Picture Window, Large Missile Impact			
Series/Model: PW-520	Scale: NTS	Sheet: 9 of 10	Drawing No. 5190-1
			Rev: A

Approved as complying with the Florida Building Code  
Date 01/08/2009  
NOA# 08-0820.15  
Miami Dade Product Control Division  
By *[Signature]*

*[Signature]*  
11/25/08  
Robert L. Clark, P.E.  
PE #39712  
Structural



**NOTES:**

1. FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED 3/16" ULTRACON, EMBEDDED 1 3/8" MIN., DISTANCE FROM ANCHOR TO CONCRETE EDGE IS 1" MINIMUM.
2. FOR WOOD APPLICATIONS IN MIAMI-DADE COUNTY, USE #10 STEEL SCREW, EMBEDDED 1 3/8" MIN..
3. FOR INTEGRAL FIN APPLICATIONS IN MIAMI-DADE COUNTY, USE 1/8" DIA. x 1 1/2" NAIL.
4. WOOD BUCKS DEPICTED IN THE SECTIONS ON THIS PAGE AS 1x ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1 1/2". 1x WOOD BUCKS ARE OPTIONAL IF UNIT CAN BE INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2x ARE 1 1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
5. FOR ATTACHMENT TO ALUMINUM: THE MATERIAL SHALL BE A MINIMUM STRENGTH OF 6063-T5 AND A MINIMUM OF 1/8" THICK. THE ALUMINUM STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE WINDOW FRAME SIMILAR TO THAT SHOWN IN THESE DETAILS FOR 2x WOOD BUCKS. THE ANCHOR SHALL BE A #10 SHEET METAL SCREW WITH FULL ENGAGEMENT INTO THE ALUMINUM. IF THESE CRITERIA ARE MET, THE RESPECTIVE DESIGN PRESSURES AND ANCHORAGE SPACING FOR ULTRACONS MAY BE USED.

Approved as complying with the Florida Building Code  
 Date 01/08/2009  
 NOA#08-0820715  
 Miami Dade Product Control Division  
 By *[Signature]*

*[Signature]*  
 11/23/08  
 Robert L. Clark, P.E.  
 PE #39712  
 Structural

Revsd By: D.G.	Date: 11/25/08	Revisions: A	PER MIAMI-DADE LETTER DATED 10/31/08	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275  P.O. BOX 1529 NOKOMIS, FL 34274	<b>PGI</b> Visibly Better	Description: ANCHORAGE DETAILS, INTEGRAL FIN				
Revsd By:	Date:	Revisions:				Title: Vinyl Picture Window, Large Missile Impact				
Revsd By:	Date:	Revisions:				Series/Model: PW-520	Scale: NTS	Sheet: 10 of 10	Drawing No. 5190-1	Rev: A
Drawn By: D.G.	Date: 8/04/08	Checked By:	Date:							