



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) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.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-701 Aluminum Fixed Window-N.I.

APPROVAL DOCUMENT: Drawing No. 4259-3, titled "Aluminum Picture Window, Non-Impact", sheets 1 through 12 of 12, prepared by manufacturer, dated 7/14/03, with revision "B", dated 4/3/07, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None. Approved Hurricane Protection devices, complying w/ FBC, as applicable are required

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 **renews NOA # 07-0418.05** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

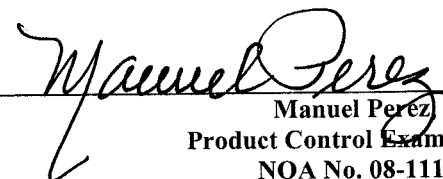
The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 08-1112.09
Expiration Date: February 19 2014
Approval Date: January 08, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS** (transferred from file # 07-0418.05)
1. Manufacturer's die drawings and sections.
 2. Drawing No. **4259-3**, titled "Aluminum Picture Window, Non-Impact", sheets 1 through 12 of 12, prepared by manufacturer, dated 7/14/03, with revision "B", dated 4/3/07, signed and sealed by Robert L. Clark, P.E.
- B. TESTS** (transferred from file # 07-0418.05)
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
alone with marked-up drawings and installation diagram of alum. fixed windows of different shapes, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3834**, dated 07/30/03, signed and sealed by Joseph Chan, 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
alone with marked-up drawings and installation diagram of aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3847**, dated 07/31/03, signed and sealed by Joseph Chan, P.E.
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis, prepared by manufacturer, dated 4/13/07, signed and sealed by Robert L. Clark, P.E.
 2. Glazing Complies with ASTM E1300-02/-04
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. None
- F. STATEMENTS**
1. Statement letter of conformance and "No change" from previous approval, dated Nov. 06, 2008, signed and sealed by Robert L. Clark, P.E.
 2. Statement letter of no financial interest, dated April 13, 2007, signed and sealed by Robert L. Clark, P.E.
- G. OTHER**
1. NOA # **07-0418.05**, issued to PGT Industries for their Series "PW-701" Aluminum Picture Window-Non-Impact, approved 02/19/04 on expiring on 02/19/09.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-1112.09
Expiration Date: February 19 2014
Approval Date: January 08, 2009

NOTES: NON-IMPACT WINDOWS

1. GLAZING OPTIONS:
 - A. 3/16" TEMPERED GLASS
 - B. 1/4" TEMPERED GLASS
 - C. 13/16" I.G. GLASS COMPRISED OF (2) LITES OF 3/16" TEMPERED GLASS WITH A 7/16" AIR SPACE.
2. DESIGN PRESSURE RATINGS: (FLANGED - SEE SHEET 5, TABLE 1 AND INTEGRAL FIN - SEE SHEET 6, TABLE 2)
 - A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-02.
 - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-02.
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.

FOR ANCHORAGE INFORMATION SEE SHEETS 10 THROUGH 12.
4. MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED IN MIAMI-DADE AND WHERE IMPACT RESISTANCE IS REQUIRED,
5. NARROW JOINT SEALANT IS USED ON ALL FOUR CORNERS OF THE FRAME.
6. REFERENCES: TEST REPORTS FTL-3834 AND FTL-3847
 - ELCO TEXTRON NOA: 04-0721.01, 03-0225.05
 - ANSI/AF&PA NDS-2001 FOR WOOD CONSTRUCTION
 - ADM-2000 ALUMINUM DESIGN MANUAL
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

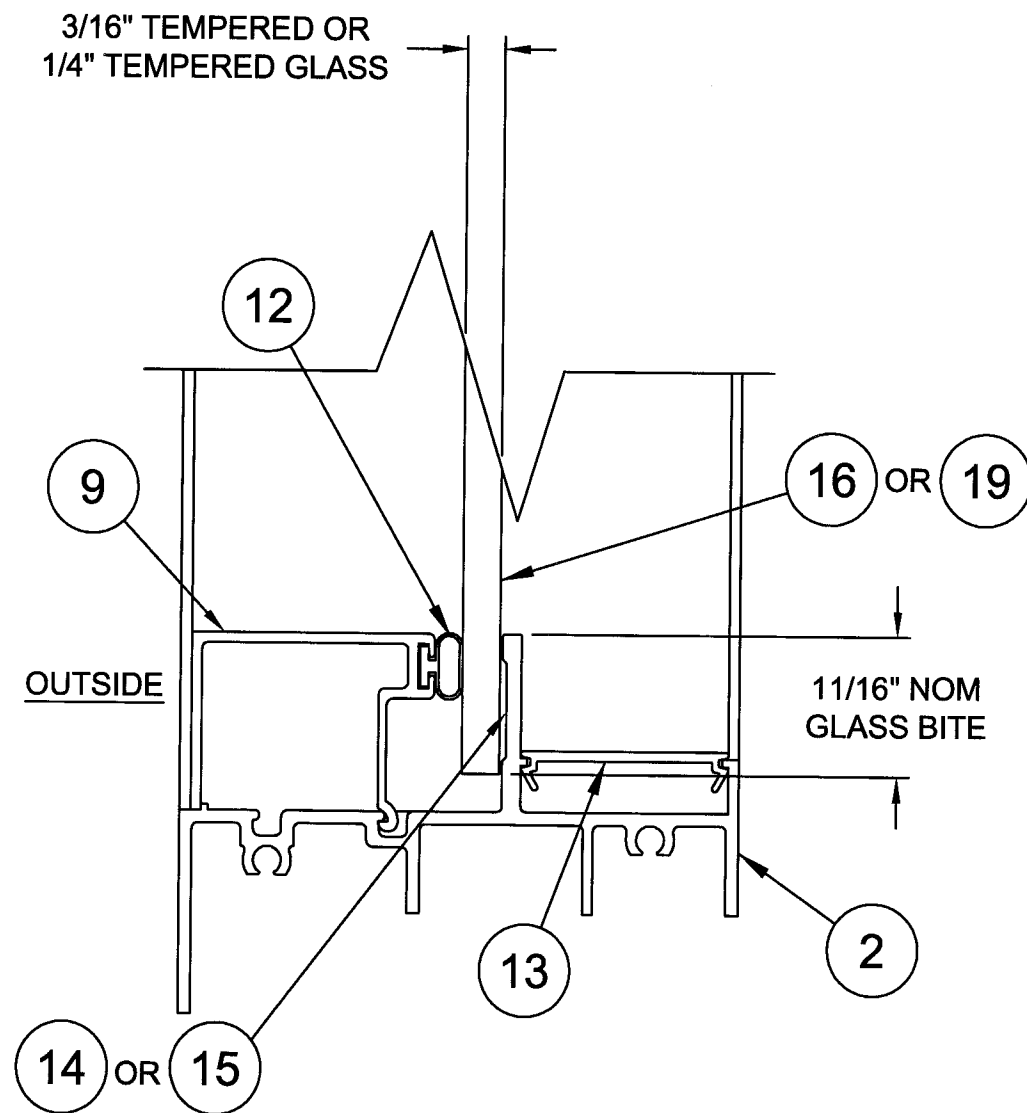
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PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 06-1112-09
 Expiration Date FEB 19, 2014
 By Mmanuel Perez
 Miami Dade Product Control
 Division

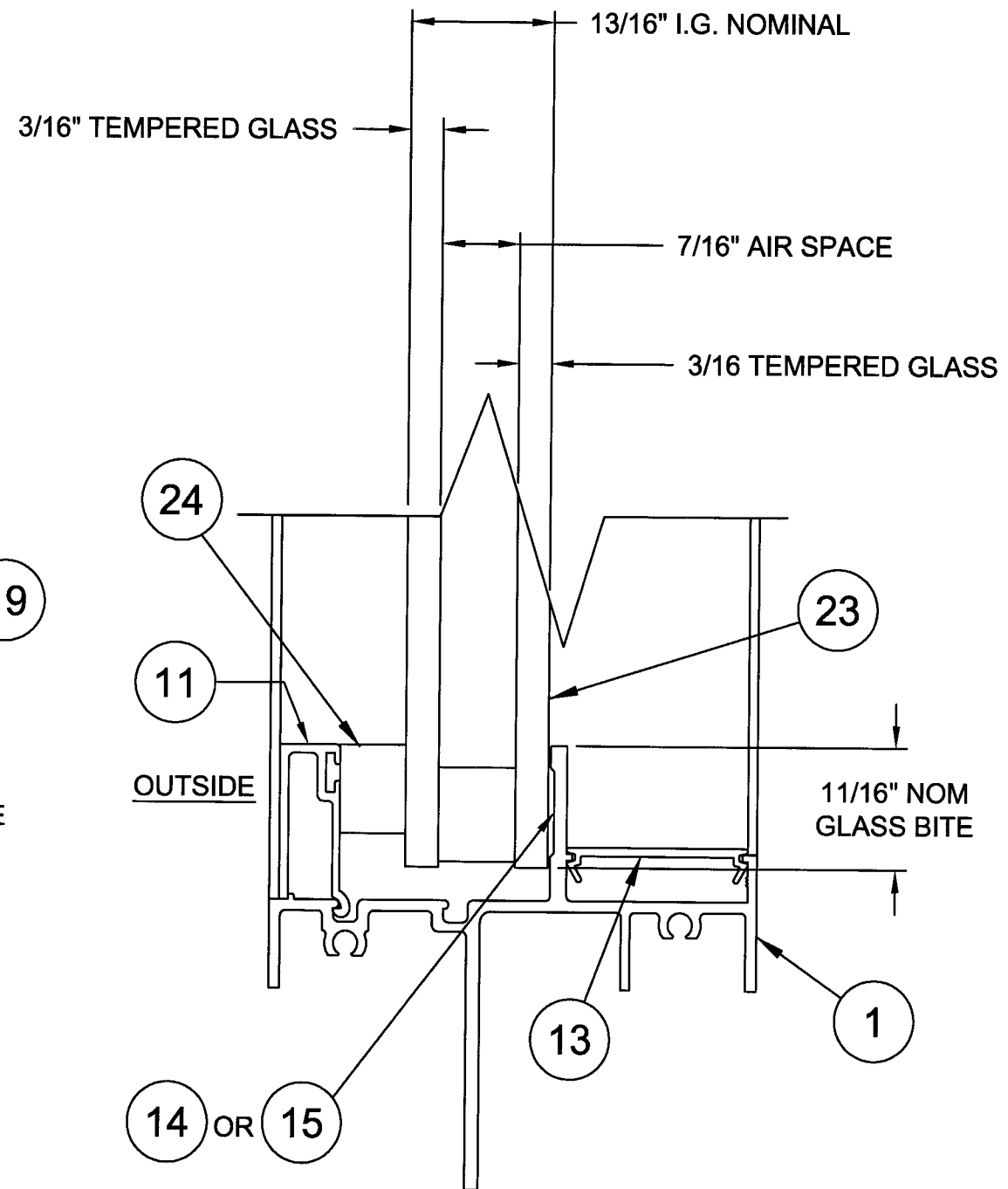
PRODUCT REVISED
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 By Mmanuel Perez
 Miami Dade Product Control
 Division

R L Clark
4/13/07
 Robert L. Clark, P.E.
 PE #39712
 Structural

Revsd By:	Date:	Revisions:	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	 Visibly Better	Description: NOTES & TABLE OF CONTENTS				
Revsd By:	Date:	Revisions:			Title: ALUMINUM PICTURE WINDOW, NON-IMPACT				
Revsd By:	Date:	Revisions:			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:			PW-701	NTS	1 of 12	4259-3	B



**MONOLITHIC GLAZING DETAIL
FLANGED OR INTEGRAL FIN FRAME
(FLANGE FRAME SHOWN)**



**13/16" I.G. GLAZING DETAIL
FLANGED OR INTEGRAL FIN FRAME
(INTEGRAL FIN FRAME SHOWN)**

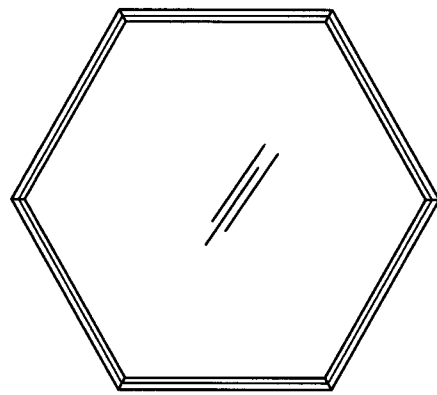
PRODUCT RENEWED
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Acceptance No. 08-1112-09
Expiration Date FEB. 19, 2014
By: *Maurice Perry*
Miami/Dade Product Control
Division

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By: *Maurice Perry*
Miami/Dade Product Control
Division

R.L. Clark
4/13/07

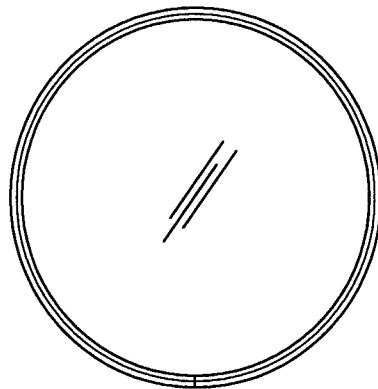
Robert L. Clark, P.E.
PE #39712
Structural

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: GLAZING DETAILS				
Revsd By:	Date:	Revisions:	NO CHANGE THIS SHEET			Title: ALUMINUM PICTURE WINDOW, NON-IMPACT				
Revsd By:	Date:	Revisions:	NO CHANGE THIS SHEET			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:			PW-701	NTS	2 of 12	4259-3	B



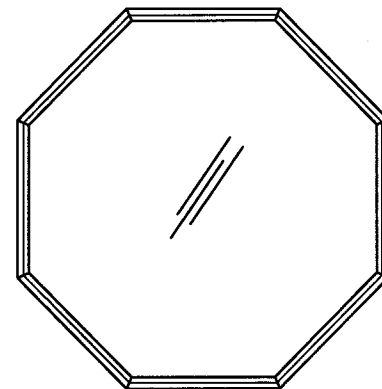
HEXAGON

MAX. SIZE = 60" BETWEEN FLATS
OR MAX. AREA = 21.65 SQ. FT.



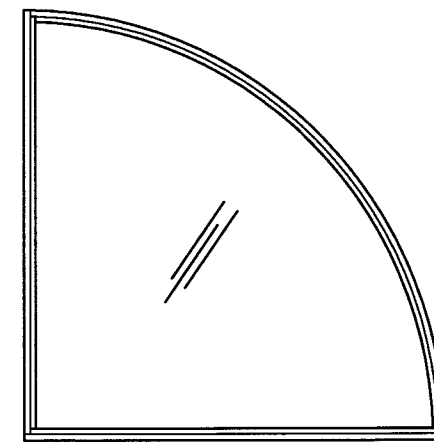
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OR MAX. AREA = 19.63 SQ. FT.



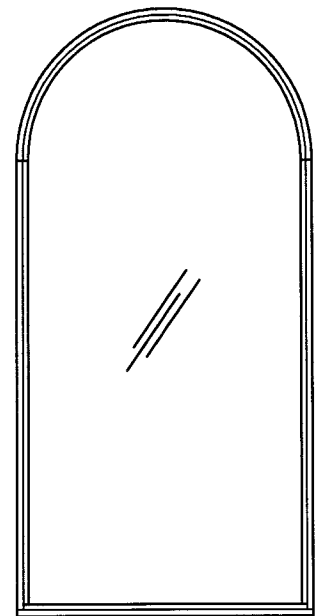
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OR MAX. AREA = 20.71 SQ. FT.



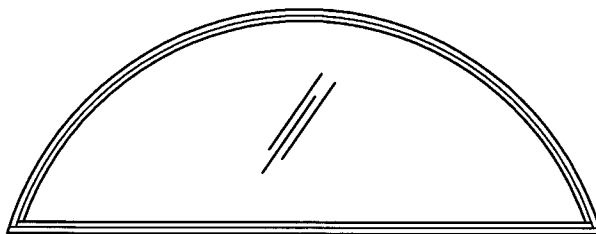
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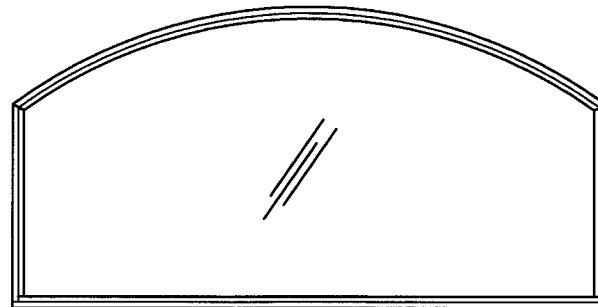
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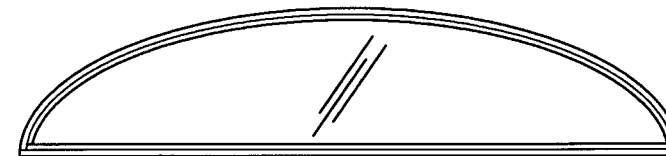
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OR MAX. AREA = 38.44 SQ. FT.



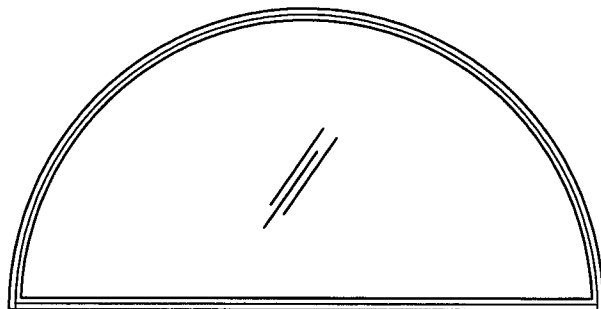
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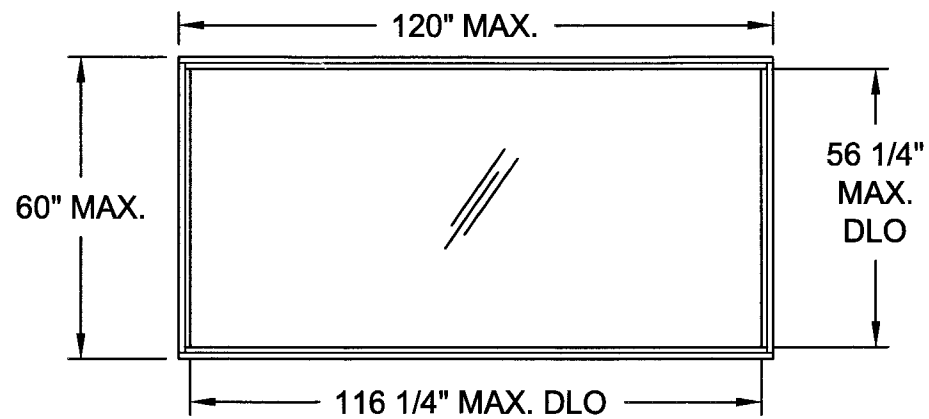
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OR MAX. AREA = 49.15 SQ. FT.



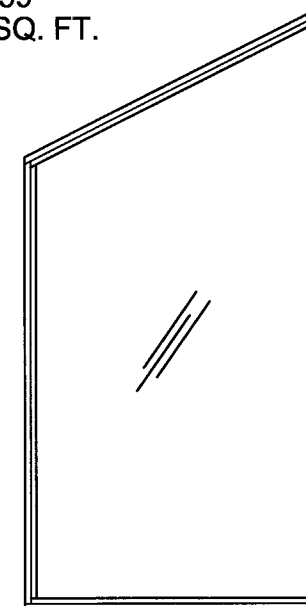
HALF CIRCLE

MAX. SIZE = 120" X 60"
OR MAX. AREA = 39.27 SQ. FT.



RECTANGLE

MAX. SIZE = 60" X 120"
OR MAX. AREA = 50.00 SQ. FT.



TRAPEZOID

MAX. SIZE = 60" X 120"
OR MAX. AREA = 49.99 SQ. FT.

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NOTE:

FOR ANCHORAGE INFORMATION SEE SHEETS 10 THROUGH 12.

Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
F.K.	4/3/07	B	NO CHANGE THIS SHEET
Revsd By:	Date:	Revisions:	
F.K.	12/15/03	A	NO CHANGE THIS SHEET
Drawn By:	Date:	Checked By:	Date:
F.K.	7/14/03		

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274



Description:

FLANGED ELEVATIONS

Title:

ALUMINUM PICTURE WINDOW, NON-IMPACT

Series/Model:

PW-701

Scale:

NTS

Sheet:

3 of 12

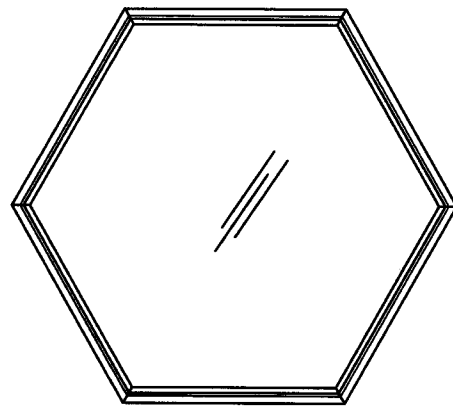
Drawing No.

4259-3

Rev:

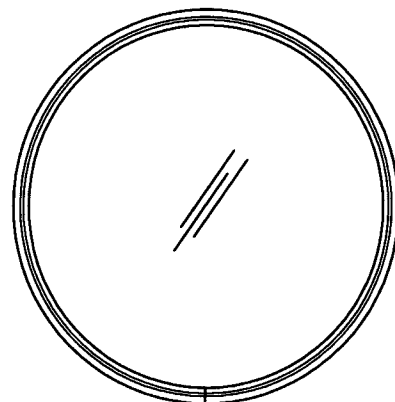
B

4/13/07
Robert L. Clark, P.E.
PE #39712
Structural



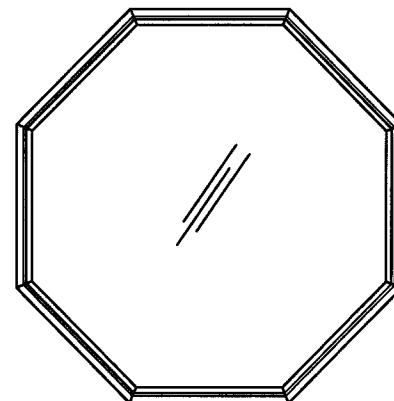
HEXAGON

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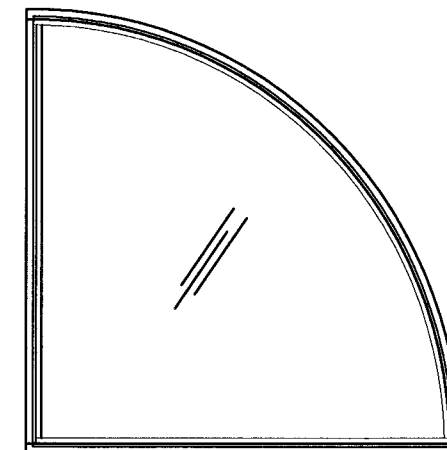
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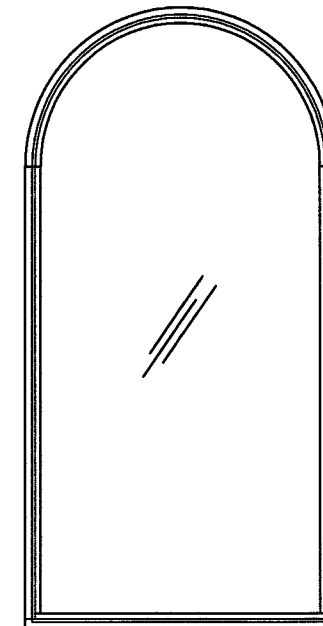
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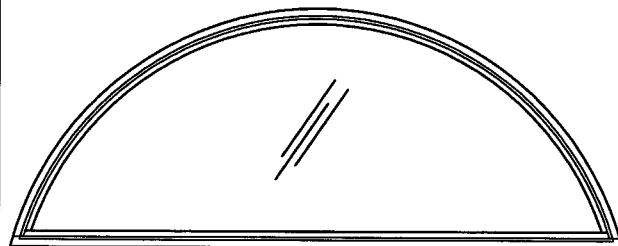
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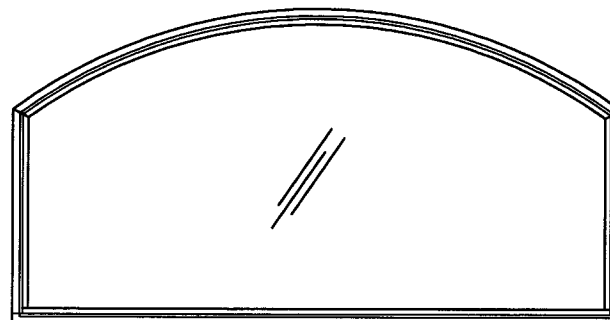
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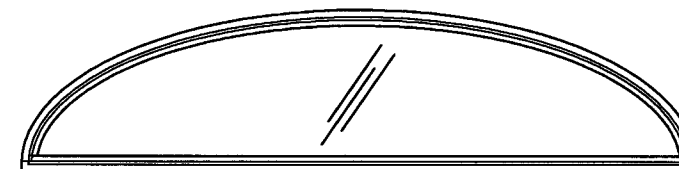
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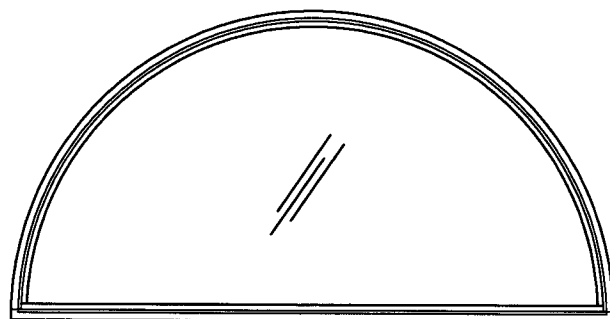
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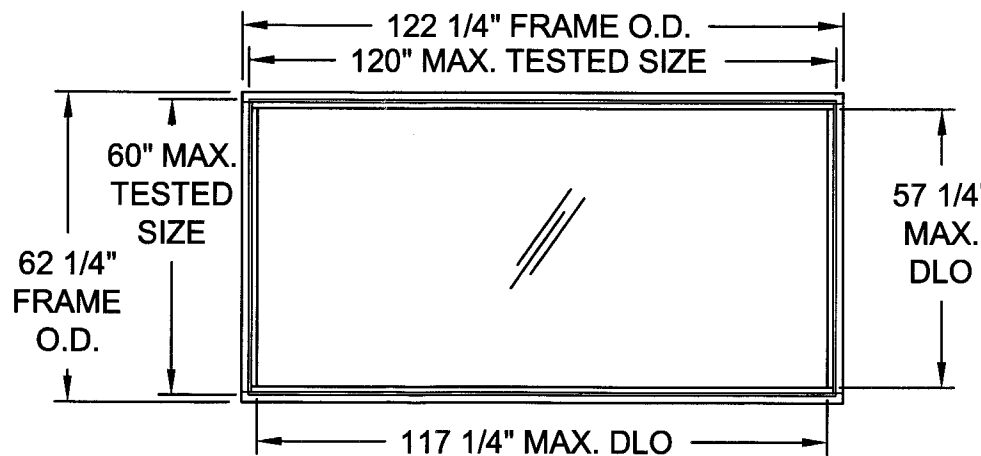
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OR MAX. AREA = 49.15 SQ. FT.



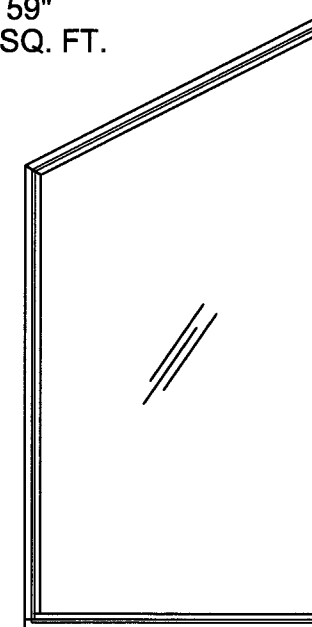
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F.K.	7/14/03	

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



Description: INTEGRAL FIN ELEVATIONS			
Title: ALUMINUM PICTURE WINDOW, NON-IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 4 of 12	Drawing No. 4259-3
			Rev: B

Robert L. Clark
4/13/07
Robert L. Clark, P.E.
PE #39712
Structural

TABLE 1. DESIGN PRESSURES, FLANGED WINDOWS (DIMENSIONS ARE TIP-TO-TIP)
 GLASS TYPES: A. 3/16" TEMPERED GLASS, FTL-3834 B. 1/4" TEMPERED GLASS, FTL-3834 C. 13/16" I.G. GLASS (3/16" T, 7/16" SPACE, 3/16" T) FTL-3847


WIND. "X" DIM.	GLASS TYPE	WINDOW "Y" DIMENSION																			
		15.000		20.000		25.000		30.000		35.000		40.000		45.000		50.000		55.000		60.000	
30.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0
	AREA	3.13 SQ.FT.		4.17 SQ.FT.		5.21 SQ.FT.		6.25 SQ.FT.		7.29 SQ.FT.		8.33 SQ.FT.		9.38 SQ.FT.		10.42 SQ.FT.		11.46 SQ.FT.		12.50 SQ.FT.	
40.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0
	AREA	4.17 SQ.FT.		5.56 SQ.FT.		6.94 SQ.FT.		8.33 SQ.FT.		9.72 SQ.FT.		11.11 SQ.FT.		12.50 SQ.FT.		13.89 SQ.FT.		15.28 SQ.FT.		16.67 SQ.FT.	
50.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+100.0	-115.2	+100.0	-115.2
	AREA	5.21 SQ.FT.		6.94 SQ.FT.		8.68 SQ.FT.		10.42 SQ.FT.		12.15 SQ.FT.		13.89 SQ.FT.		15.63 SQ.FT.		17.36 SQ.FT.		19.10 SQ.FT.		20.83 SQ.FT.	
60.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	6.25 SQ.FT.		8.33 SQ.FT.		10.42 SQ.FT.		12.50 SQ.FT.		14.58 SQ.FT.		16.67 SQ.FT.		18.75 SQ.FT.		20.83 SQ.FT.		22.92 SQ.FT.		25.00 SQ.FT.	
70.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	7.29 SQ.FT.		9.72 SQ.FT.		12.15 SQ.FT.		14.58 SQ.FT.		17.01 SQ.FT.		19.44 SQ.FT.		21.88 SQ.FT.		24.31 SQ.FT.		26.74 SQ.FT.		29.17 SQ.FT.	
80.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-138.8	+100.0	-133.2	+100.0	-133.0	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	8.33 SQ.FT.		11.11 SQ.FT.		13.89 SQ.FT.		16.67 SQ.FT.		19.44 SQ.FT.		22.22 SQ.FT.		25.00 SQ.FT.		27.78 SQ.FT.		30.56 SQ.FT.		33.33 SQ.FT.	
90.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-120.8	+100.0	-112.4	+100.0	-112.3	+100.0	-112.2	+95.2	-95.2	+80.0	-80.0
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-144.8	+100.0	-137.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	9.38 SQ.FT.		12.50 SQ.FT.		15.63 SQ.FT.		18.75 SQ.FT.		21.88 SQ.FT.		25.00 SQ.FT.		28.13 SQ.FT.		31.25 SQ.FT.		34.38 SQ.FT.		37.50 SQ.FT.	
100.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-145.8	+100.0	-111.2	+98.4	-98.4	+96.8	-96.8	+97.9	-97.9	+95.2	-95.2	+80.0	-80.0
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-149.6	+100.0	-129.5	+100.0	-117.8	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-149.6	+100.0	-135.0	+100.0	-123.9	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	10.42 SQ.FT.		13.89 SQ.FT.		17.36 SQ.FT.		20.83 SQ.FT.		24.31 SQ.FT.		27.78 SQ.FT.		31.25 SQ.FT.		34.72 SQ.FT.		38.19 SQ.FT.		41.67 SQ.FT.	
110.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-139.9	+100.0	-103.8	+88.1	-88.1	+83.1	-83.1	+84.1	-84.1	+86.0	-86.0	+80.0	-80.0
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-133.4	+100.0	-119.7	+100.0	-104.5	+100.0	-101.3	+95.2	-95.2	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-133.4	+100.0	-120.0	+100.0	-109.7	+100.0	-101.6	+95.2	-95.2	+80.0	-80.0
	AREA	11.46 SQ.FT.		15.28 SQ.FT.		19.10 SQ.FT.		22.92 SQ.FT.		26.74 SQ.FT.		30.56 SQ.FT.		34.38 SQ.FT.		38.19 SQ.FT.		42.01 SQ.FT.		45.83 SQ.FT.	
120.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-135.4	+99.2	-99.2	+81.2	-81.2	+75.0	-75.0	+75.2	-75.2	+76.5	-76.5	+76.6	-76.6
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-137.1	+100.0	-120.4	+100.0	-108.0	+96.9	-96.9	+90.1	-90.1	+84.9	-84.9	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-137.1	+100.0	-120.4	+100.0	-108.0	+98.5	-98.5	+90.9	-90.9	+84.9	-84.9	+80.0	-80.0
	AREA	12.50 SQ.FT.		16.67 SQ.FT.		20.83 SQ.FT.		25.00 SQ.FT.		29.17 SQ.FT.		33.33 SQ.FT.		37.50 SQ.FT.		41.67 SQ.FT.		45.83 SQ.FT.		50.00 SQ.FT.	

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 08-1112.09
 Expiration Date FEB 19, 2014
 By: *[Signature]*
 Miami/Dade Product Control Division

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 07-0418.05
 Expiration Date FEB 19, 2009
 By: *[Signature]*
 Miami/Dade Product Control Division

NOTES: A

1. ALL MAXIMUM SIZES SHOWN ON SHEET 3 ARE QUALIFIED TO THE PRESSURE OF A 50 SQ. FT. UNIT IN TABLE 1.
2. ALL SHAPES LESS THAN THE MAXIMUM SIZE, QUALIFY TO PRESSURE FOR THE MAXIMUM SIZE LISTED IN TABLE 1, OR TO THE PRESSURE FOR THE SMALLEST RECTANGULAR SIZE IN TABLE 1, WHICH THEIR OVERALL WIDTH AND HEIGHT DIMENSIONS COMPLETELY FIT WITHIN.
3. SEE SHEET 10 THROUGH 12 FOR ANCHORAGE INFORMATION.

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	 Visibly Better	Description: FLANGED UNIT DESIGN PRESSURES				
Revsd By:	Date:	Revisions:	UPDATE DESIGN PRESSURES PER ASTM E 1300-02, LIMITED MAX. DESIGN PRESSURES TO FACILITATE ANCHORAGE			Title: ALUMINUM PICTURE WINDOW, NON-IMPACT				
Revsd By:	Date:	Revisions:	CHANGE NOTE 1 ANCHORING WITH #12 SCREWS			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:			PW-701	NTS	5 of 12	4259-3	B

[Signature]
 4/13/07
 Robert L. Clark, P.E.
 PE #39712
 Structural


TABLE 2. DESIGN PRESSURES, INTEGRAL FIN WINDOWS (SIZES ARE BUCK DIMENSIONS)
 GLASS TYPES: A. 3/16" TEMPERED GLASS, FTL-3834 B. 1/4" TEMPERED GLASS, FTL-3834 C. 13/16" I.G. GLASS (3/16"T, 7/16" SPACE, 3/16"T) FTL-3847

WIND. "X" DIM.	GLASS TYPE	WINDOW "Y" DIMENSION																			
		15.000		20.000		25.000		30.000		35.000		40.000		45.000		50.000		55.000		60.000	
30.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0
	AREA	3.13 SQ.FT.		4.17 SQ.FT.		5.21 SQ.FT.		6.25 SQ.FT.		7.29 SQ.FT.		8.33 SQ.FT.		9.38 SQ.FT.		10.42 SQ.FT.		11.46 SQ.FT.		12.50 SQ.FT.	
40.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0
	AREA	4.17 SQ.FT.		5.56 SQ.FT.		6.94 SQ.FT.		8.33 SQ.FT.		9.72 SQ.FT.		11.11 SQ.FT.		12.50 SQ.FT.		13.89 SQ.FT.		15.28 SQ.FT.		16.67 SQ.FT.	
50.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+100.0	-115.2	+100.0	-115.2
	AREA	5.21 SQ.FT.		6.94 SQ.FT.		8.68 SQ.FT.		10.42 SQ.FT.		12.15 SQ.FT.		13.89 SQ.FT.		15.63 SQ.FT.		17.36 SQ.FT.		19.10 SQ.FT.		20.83 SQ.FT.	
60.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	6.25 SQ.FT.		8.33 SQ.FT.		10.42 SQ.FT.		12.50 SQ.FT.		14.58 SQ.FT.		16.67 SQ.FT.		18.75 SQ.FT.		20.83 SQ.FT.		22.92 SQ.FT.		25.00 SQ.FT.	
70.000	A,B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	7.29 SQ.FT.		9.72 SQ.FT.		12.15 SQ.FT.		14.58 SQ.FT.		17.01 SQ.FT.		19.44 SQ.FT.		21.88 SQ.FT.		24.31 SQ.FT.		26.74 SQ.FT.		29.17 SQ.FT.	
80.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-134.1	+100.0	-130.2	+100.0	-130.4	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	B,C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	8.33 SQ.FT.		11.11 SQ.FT.		13.89 SQ.FT.		16.67 SQ.FT.		19.44 SQ.FT.		22.22 SQ.FT.		25.00 SQ.FT.		27.78 SQ.FT.		30.56 SQ.FT.		33.33 SQ.FT.	
90.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-143.5	+100.0	-116.8	+100.0	-110.1	+100.0	-110.6	+100.0	-110.4	+95.2	-95.2	+80.0	-80.0
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-139.9	+100.0	-134.3	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-142.2	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	9.38 SQ.FT.		12.50 SQ.FT.		15.63 SQ.FT.		18.75 SQ.FT.		21.88 SQ.FT.		25.00 SQ.FT.		28.13 SQ.FT.		31.25 SQ.FT.		34.38 SQ.FT.		37.50 SQ.FT.	
100.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-135.8	+100.0	-106.2	+96.2	-96.2	+95.7	-95.7	+96.9	-96.9	+95.2	-95.2	+80.0	-80.0
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-149.6	+100.0	-124.4	+100.0	-115.5	+100.0	-114.8	+95.2	-95.2	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-149.6	+100.0	-135.0	+100.0	-123.9	+100.0	-115.2	+95.2	-95.2	+80.0	-80.0
	AREA	10.42 SQ.FT.		13.89 SQ.FT.		17.36 SQ.FT.		20.83 SQ.FT.		24.31 SQ.FT.		27.78 SQ.FT.		31.25 SQ.FT.		34.72 SQ.FT.		38.19 SQ.FT.		41.67 SQ.FT.	
110.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-129.6	+99.3	-99.3	+85.1	-85.1	+82.2	-82.2	+83.3	-83.3	+85.0	-85.0	+80.0	-80.0
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-133.4	+100.0	-115.2	+100.0	-102.3	+100.0	-100.2	+95.2	-95.2	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-133.4	+100.0	-120.0	+100.0	-109.7	+100.0	-101.6	+95.2	-95.2	+80.0	-80.0
	AREA	11.46 SQ.FT.		15.28 SQ.FT.		19.10 SQ.FT.		22.92 SQ.FT.		26.74 SQ.FT.		30.56 SQ.FT.		34.38 SQ.FT.		38.19 SQ.FT.		42.01 SQ.FT.		45.83 SQ.FT.	
120.000	A	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-125.4	+94.2	-94.2	+78.9	-78.9	+74.0	-74.0	+74.6	-74.6	+75.8	-75.8	+75.9	-75.9
	B	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-137.1	+100.0	-120.4	+100.0	-107.7	+94.2	-94.2	+88.8	-88.8	+84.9	-84.9	+80.0	-80.0
	C	+100.0	-150.0	+100.0	-150.0	+100.0	-150.0	+100.0	-137.1	+100.0	-120.4	+100.0	-108.0	+98.5	-98.5	+90.9	-90.9	+84.9	-84.9	+80.0	-80.0
	AREA	12.50 SQ.FT.		16.67 SQ.FT.		20.83 SQ.FT.		25.00 SQ.FT.		29.17 SQ.FT.		33.33 SQ.FT.		37.50 SQ.FT.		41.67 SQ.FT.		45.83 SQ.FT.		50.00 SQ.FT.	

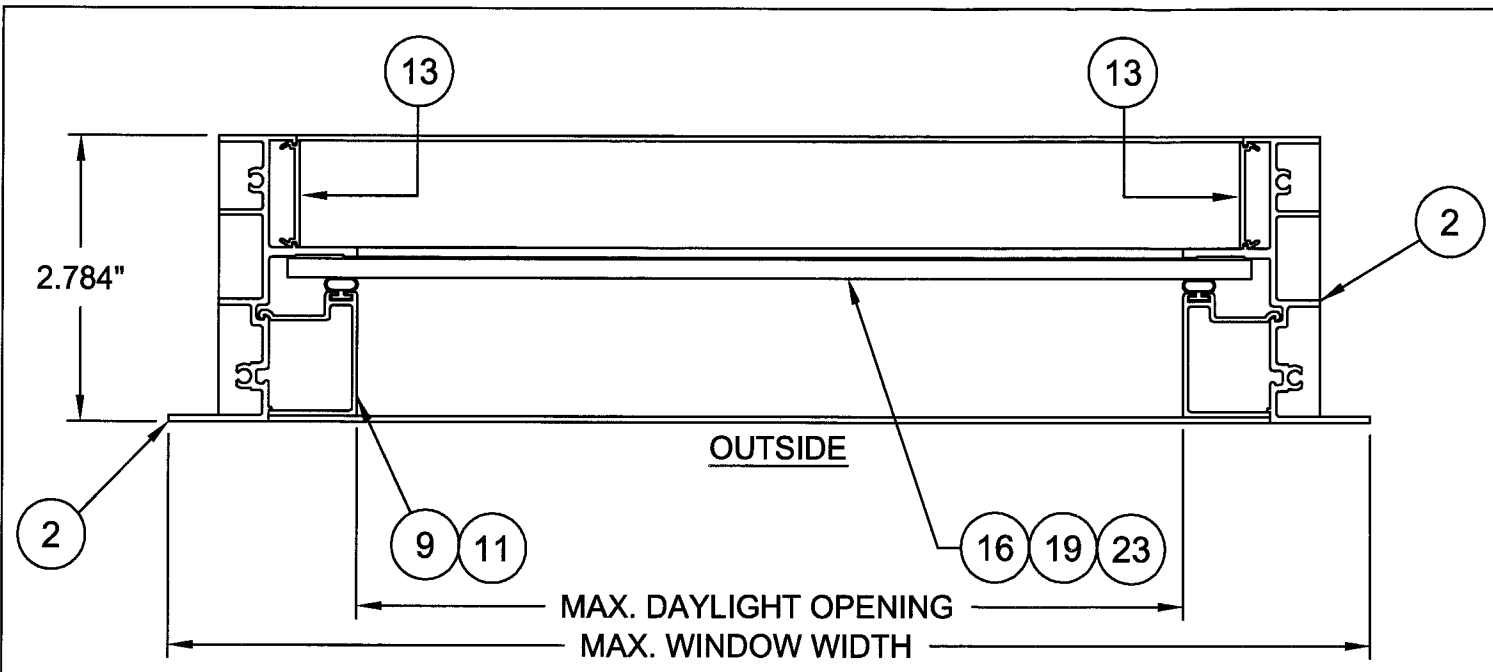
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 08-1117-09
 Expiration Date FEB 19, 2014
 By Maurice Perez
 Miami Dade Product Control
 Division

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0418-05
 Expiration Date FEB 19, 2009
 By Maurice Perez
 Miami Dade Product Control
 Division

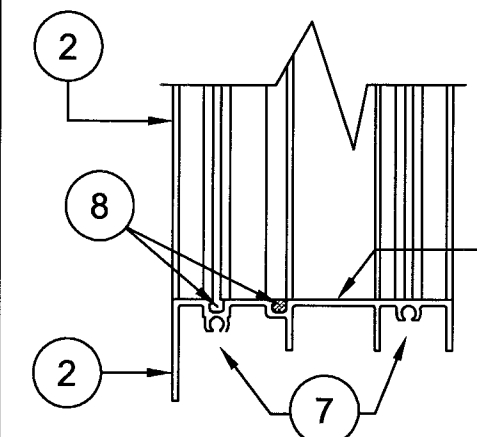
- NOTES:** A
- ALL MAXIMUM SIZES SHOWN ON SHEET 4 ARE QUALIFIED TO THE PRESSURE OF A 50 SQ. FT. UNIT IN TABLE 2.
 - ALL SHAPES LESS THAN THE MAXIMUM SIZE, QUALIFY TO PRESSURE FOR THE MAXIMUM SIZE LISTED IN TABLE 2, OR TO THE PRESSURE FOR THE SMALLEST SQUARE OR RECTANGULAR SIZE IN TABLE 2, WHICH THEIR OVERALL WIDTH AND HEIGHT DIMENSIONS COMPLETELY FIT WITHIN.
 - INSTALLATION WITH NAILS IS THROUGH THE INTEGRAL FIN AS SHOWN ON SHEET 10. INSTALLATION WITH OTHER FASTENER TYPES ARE THROUGH THE FRAME. SEE ANCHORAGE DETAILS ON SHEETS 10 AND 11.

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	 Visibly Better	Description: INTEGRAL FIN UNIT DESIGN PRESSURES				
Revsd By:	Date:	Revisions:	UPDATE DESIGN PRESSURES PER ASTM E 1300-02, LIMITED MAX. DESIGN PRESSURES TO FACILITATE ANCHORAGE			Title: ALUMINUM PICTURE WINDOW, NON-IMPACT				
Revsd By:	Date:	Revisions:	CHANGE NOTE 1 ANCHORING WITH #12 SCREWS			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:			PW-701	NTS	6 of 12	4259-3	B

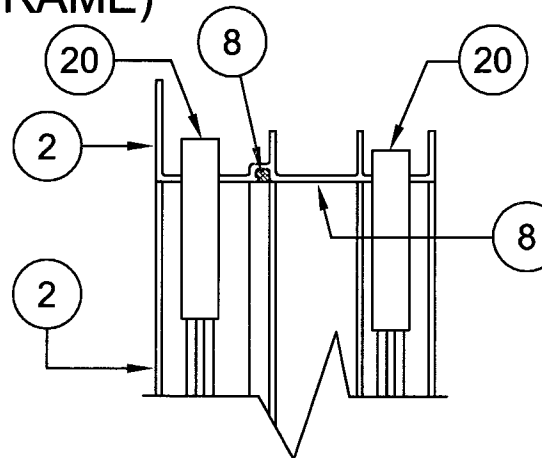
R.L. Clark
 4/13/07
 Robert L. Clark, P.E.
 PE #39712
 Structural



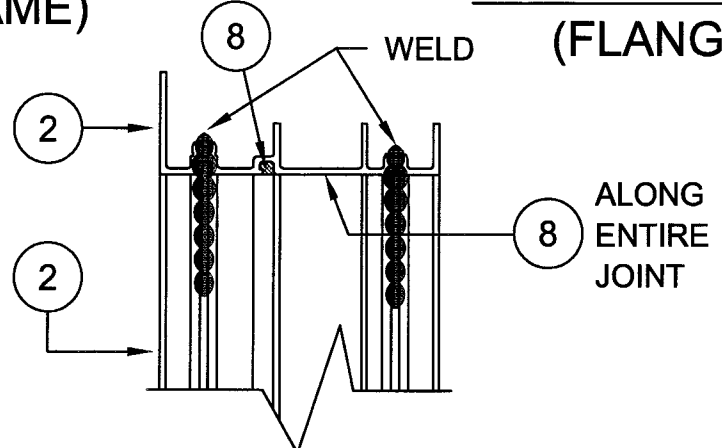
**HORIZONTAL SECTION
(FLANGE FRAME)**



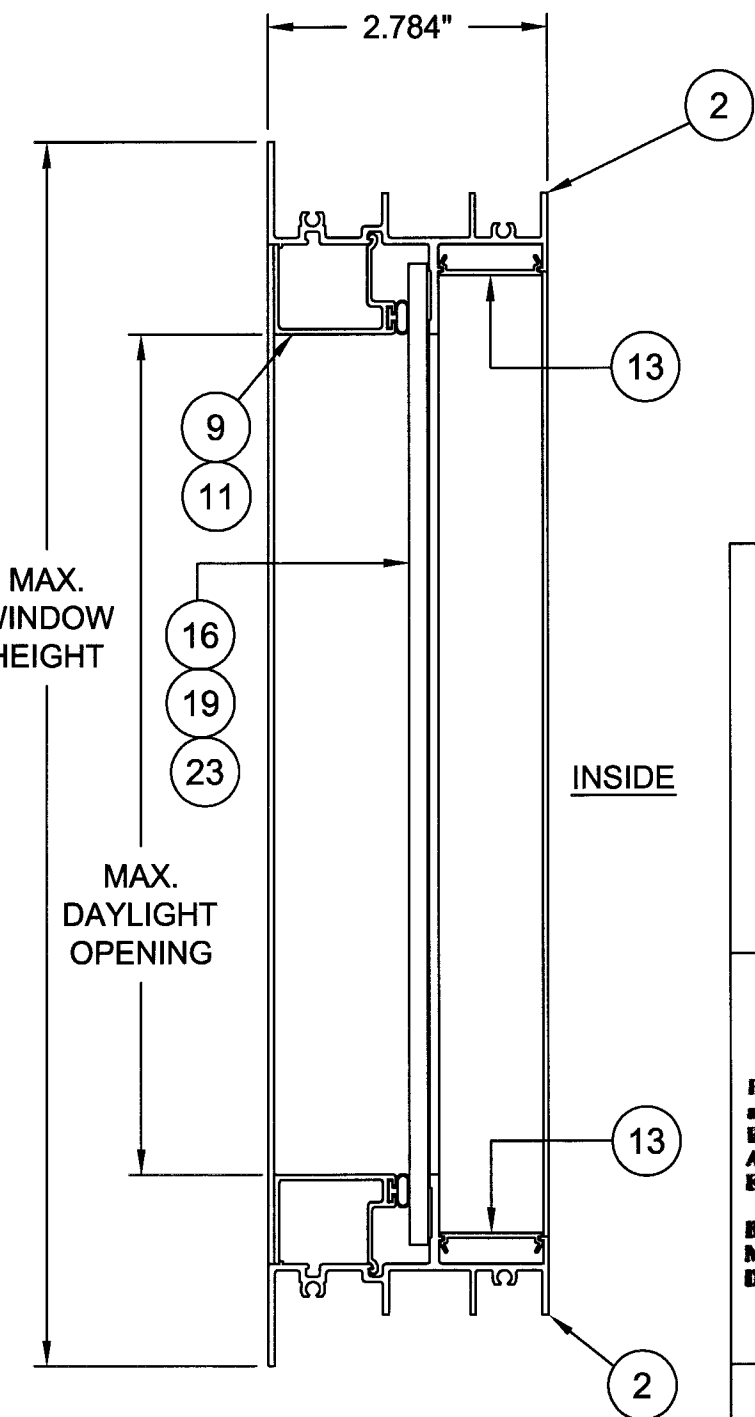
**SCREWED CORNER ASS'Y
(FLANGE FRAME)**



**KEYED CORNER ASS'Y
(FLANGE FRAME)**



WELDED CORNER ASS'Y (FLANGE FRAME)



**VERTICAL SECTION
(FLANGE FRAME)**

PRODUCT RENEWED
as complying with the Florida
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Expiration Date FEB 19, 2014
By Maurice Perry
Miami Dade Product Control
Division

PRODUCT REVISED
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Expiration Date FEB 19, 2009
By Maurice Perry
Miami Dade Product Control
Division

Robert L. Clark
4/13/07
Robert L. Clark, P.E.
PE #39712
Structural

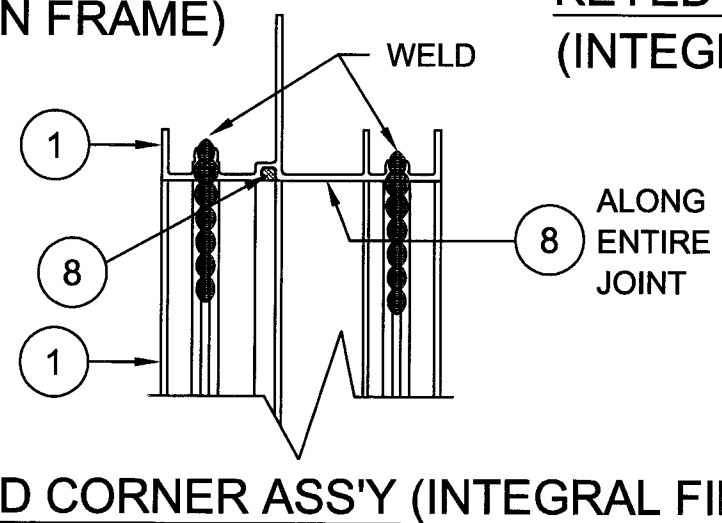
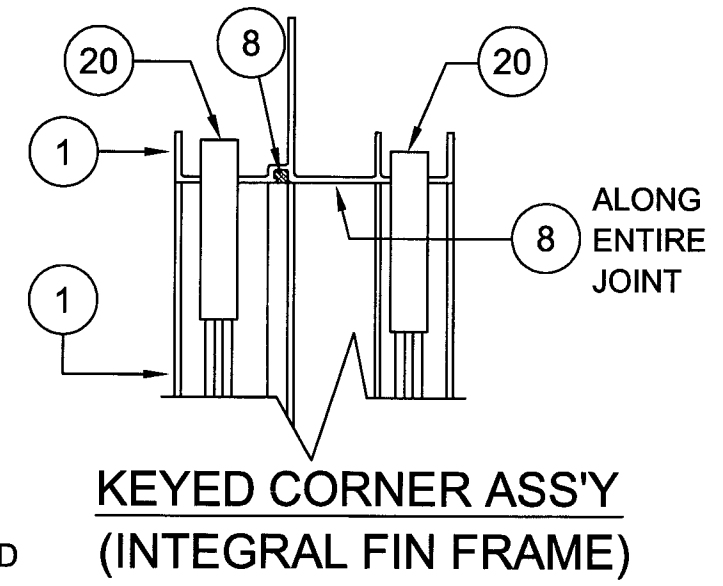
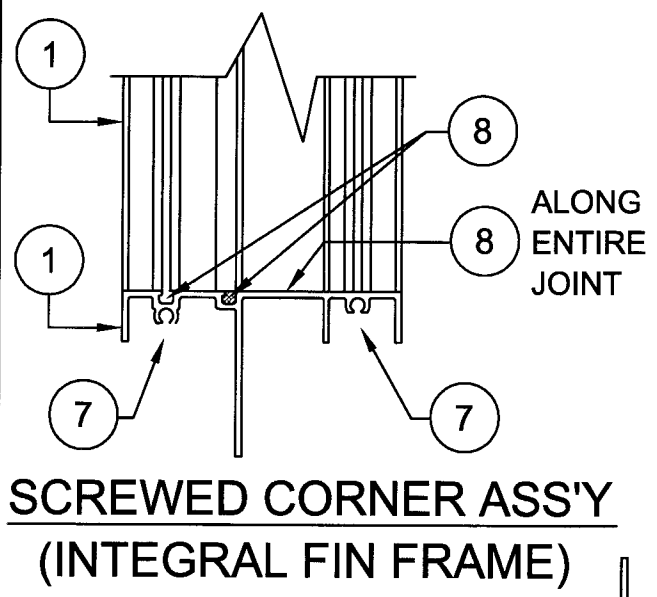
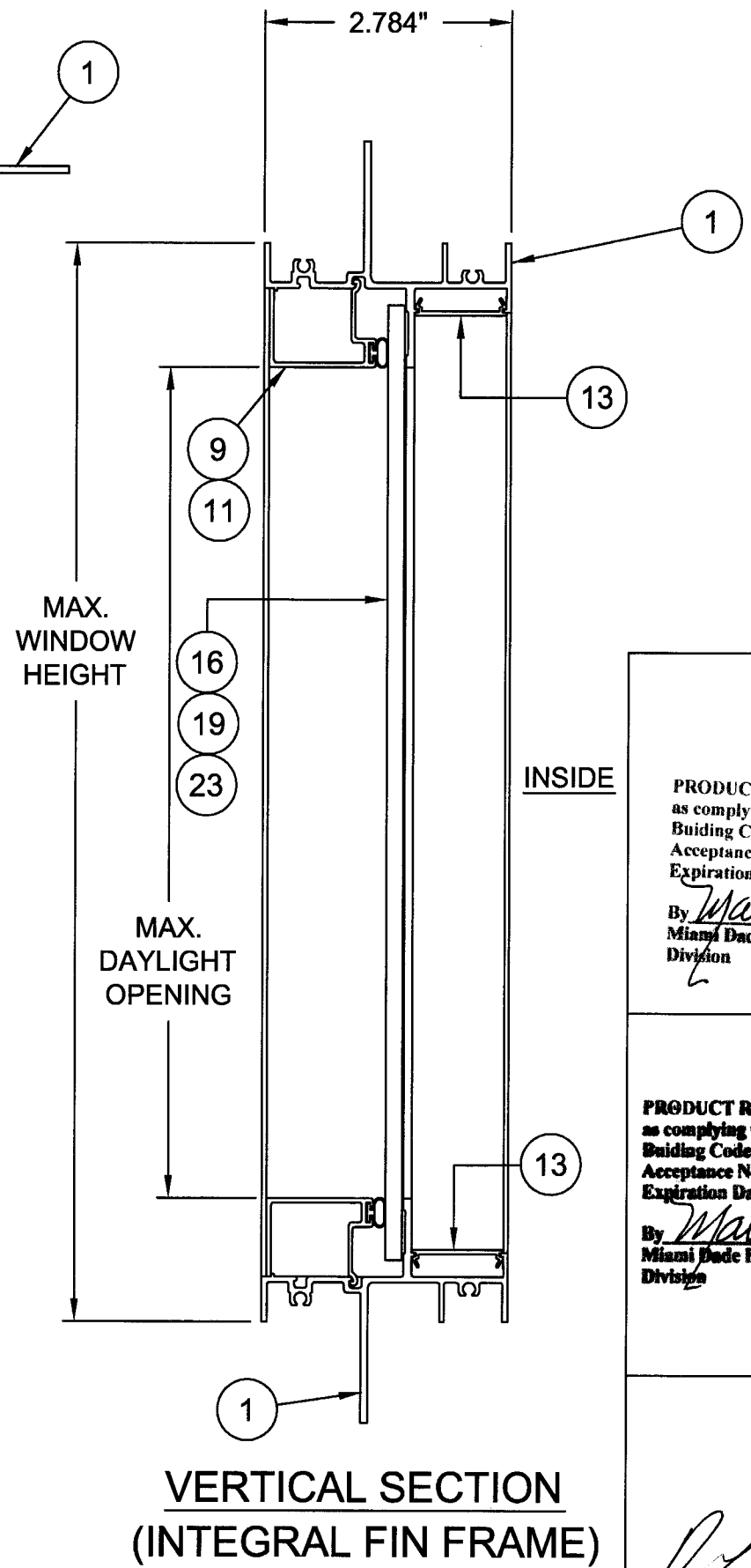
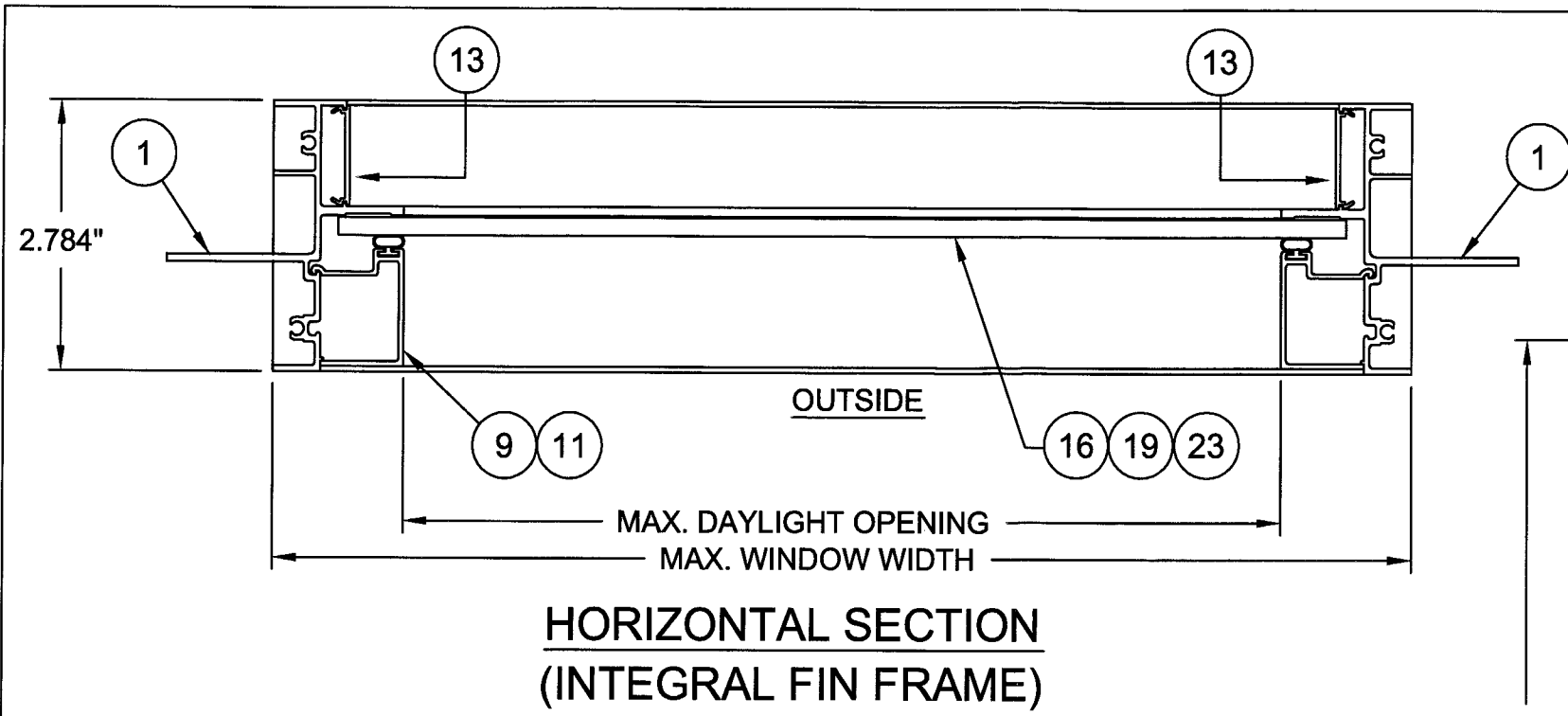
Revsd By:	Date:	Revisions:	
Revsd By: F.K.	Date: 4/3/07	Revisions: B	NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/15/03	Revisions: A	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274



Description: SECTIONS & CORNER ASS'Y, FLANGED			
Title: ALUMINUM PICTURE WINDOW, NON-IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 7 of 12	Drawing No. 4259-3
			Rev: B



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 08-1117-09
Expiration Date FEB. 19, 2014
By Manuel Perez
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 07-0418-05
Expiration Date FEB. 19, 2009
By Manuel Perez
Miami Dade Product Control
Division

Revsd By:	Date:	Revisions:
Revsd By: F.K.	Date: 4/3/07	Revisions: B NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/15/03	Revisions: A NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 7/14/03	Checked By: Date:

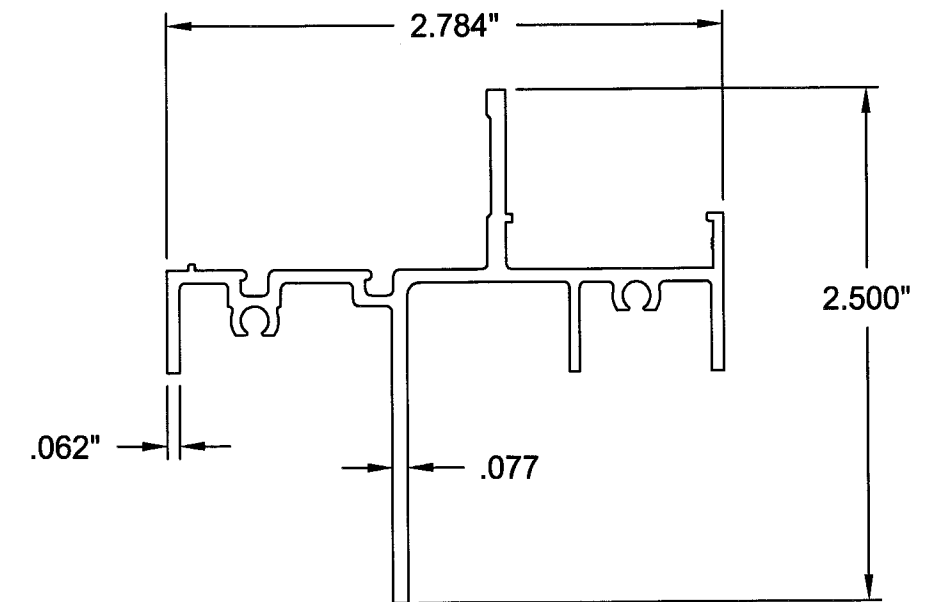
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description: SECTIONS, INTEGRAL FIN			
Title: ALUMINUM PICTURE WINDOW, NON-IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 8 of 12	Drawing No. 4259-3
			Rev: B

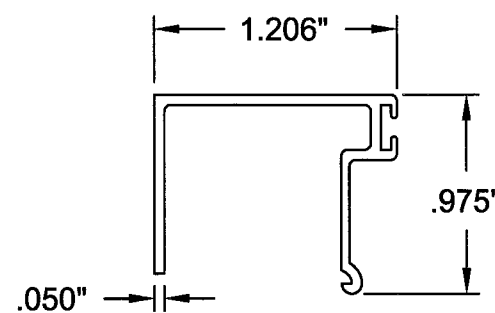
[Signature]
4/13/07
Robert L. Clark, P.E.
PE #39712
Structural

ITEM	DWG NO.	PART #	DESCRIPTION
1	4256A	64256	INTEGRAL FIN FRAME HEAD, SILL & JAMB
2	4253	64253	FLANGED FRAME HEAD, SILL & JAMB
7	1155	781PQX	#8 X 1 QUAD PN SMS STAINLESS STEEL
8			SCHNEE-MOREHEAD SM5504 ACRYL-R NARROW JOINT SEALANT OR EQUAL
9	4258	64258	3/16 & 1/4 MONOLITHIC BEAD
11	4254	64254	13/16 I.G. GLAZING BEAD
12	1224	6TP247	VINYL BULB WEATHERSTRIP (THICK)
13	4224		INSTALLATION FASTENER COVER
14			DOW CORNING 899 GLAZING SEALANT OR EQUIVALENT
15			DOW CORNING 995 SILICONE STRUCTURAL SEALANT, BLACK
16			3/16" TEMPERED GLASS
19			1/4" TEMPERED GLASS
20	4262	64262	ARCHITECTURAL CORNER KEY
23			13/16" I.G. GLASS: 3/16" TEMPERED - 7/16" AIR SPACE - 3/16" TEMPERED GLASS
24			1/2" THK. X 1/2" WIDE FOAM TAPE



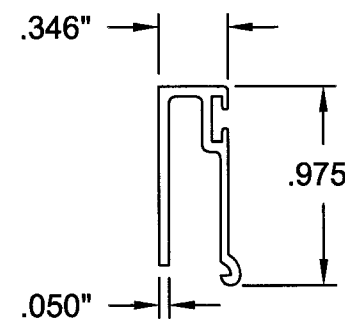
ITEM 1, INTEGRAL FIN FRAME

MAT'L: 6063-T5
DWG NO. 4256A



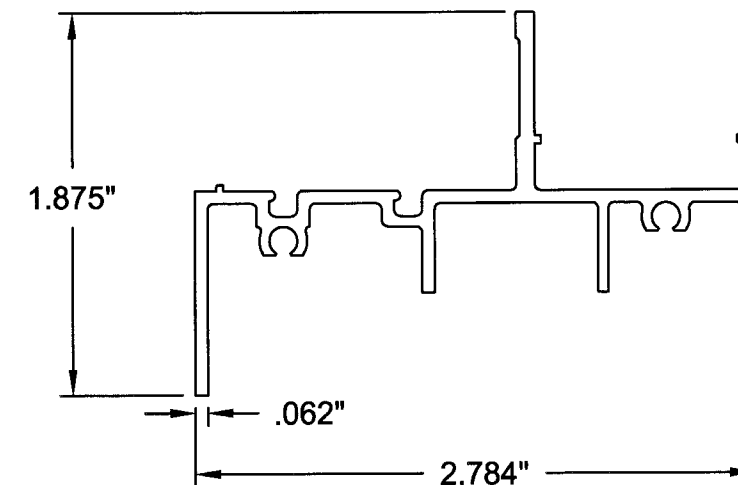
**ITEM 9,
3/16", 1/4" MONOLITHIC BEAD**

MAT'L: 6063-T5
DWG NO. 4258



**ITEM 11,
13/16" I.G. GLASS BEAD**

MAT'L: 6063-T5
DWG NO. 4254



ITEM 2, FLANGED FRAME

MAT'L: 6063-T5
DWG NO. 4253

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-1112.09
Expiration Date FEB 19, 2014
By Maurice Perez
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 07-0418.05
Expiration Date FEB 19, 2009
By Maurice Perez
Miami Dade Product Control
Division

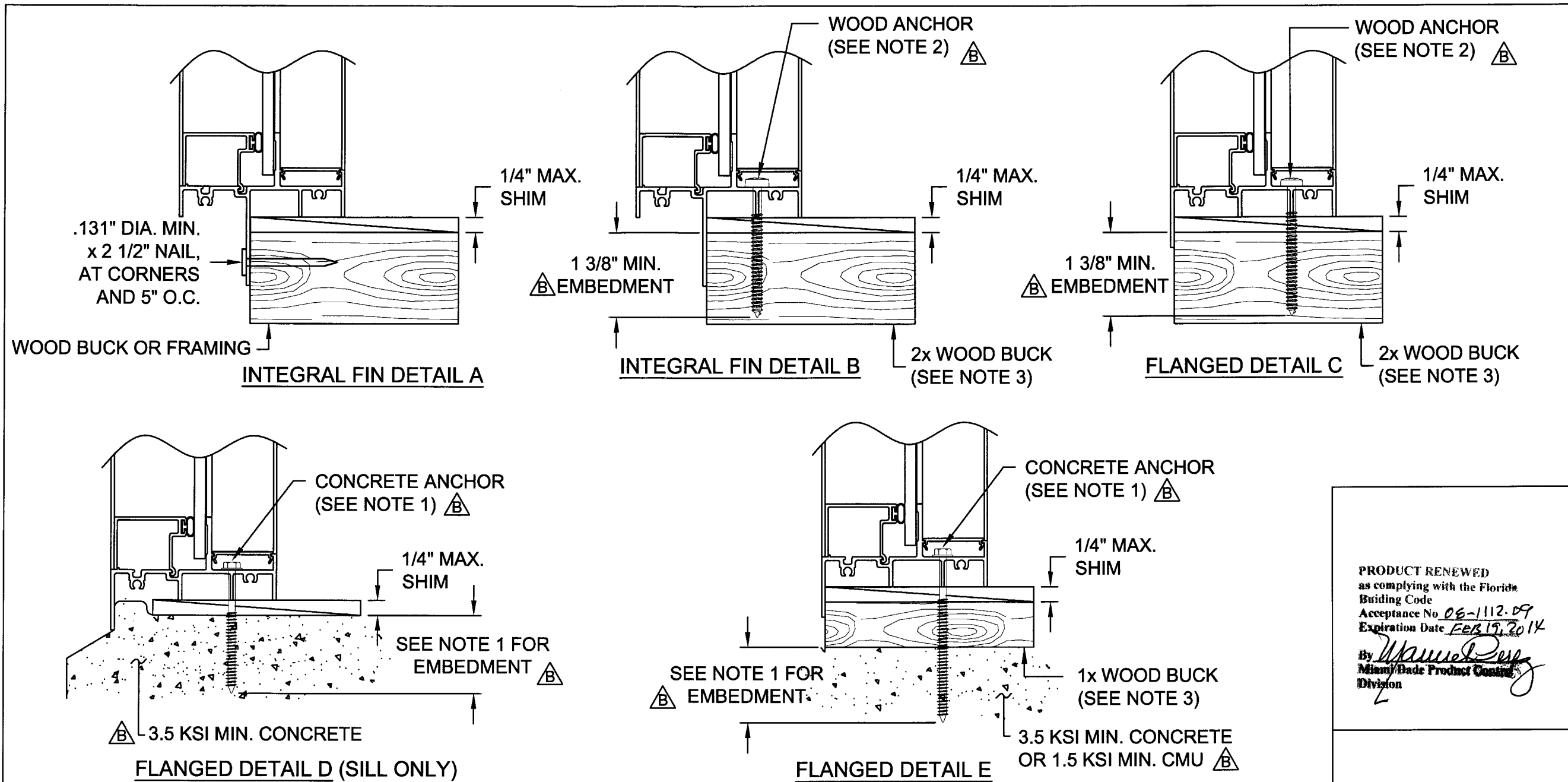
Revsd By:	Date:	Revisions:
F.K.	4/3/07	B NO CHANGE THIS SHEET
F.K.	12/15/03	A NO CHANGE THIS SHEET
F.K.	7/14/03	Checked By: Date:

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



Description:				
EXTRUSION PROFILES & PARTS LIST				
Title: ALUMINUM PICTURE WINDOW, NON-IMPACT				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
PW-701	NTS	9 of 12	4259-3	B

4/13/07
Robert L. Clark, P.E.
PE #39712
Structural



NOTES: \triangle

1. FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED 1/4" ELCO TAPCONS, EMBEDDED 1 3/8" MIN., 5/16" ELCO TAPCONS EMBEDDED 1 3/4" MIN. OR 1/4" SS4 CRETE-FLEX EMBEDDED 1 3/4" MIN. DISTANCE FROM ANCHOR TO CONCRETE EDGE IS 1 3/4" MIN.
2. FOR WOOD APPLICATIONS IN MIAMI-DADE COUNTY, USE #12 OR #14 STEEL SCREWS (G5) OR 1/4" SS4 CRETE-FLEX.
3. 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.
4. 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 #12 SHEET METAL SCREW WITH FULL ENGAGEMENT INTO THE ALUMINUM. IF THESE CRITERIA ARE MET, THE RESPECTIVE DESIGN PRESSURES AND ANCHORAGE SPACING FOR TAPCONS MAY BE USED.

PRODUCT RENEWED
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Acceptance No. 06-1112-09
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Robert L. Clark
4/13/07
Robert L. Clark, P.E.
PE #39712
Structural

Revsd By:	Date:	Revisions:
Revsd By: F.K.	Date: 4/3/07	Revisions: B REVISE AND UPDATE ANCHORAGE PER CURRENT FBC
Revsd By: F.K.	Date: 12/15/03	Revisions: A CHANGE NOTE 1 AND FASTENER SPACING
Drawn By: F.K.	Date: 7/14/03	Checked By: Date:

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



Description: ANCHORAGE - HEAD, SILL AND JAMBS			
Title: ALUMINUM PICTURE WINDOW, NON-IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 10 of 12	Drawing No. 4259-3
			Rev: B

