



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/pera/

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 and accepted by Miami-Dade County PERA-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. PERA 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-701" Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. 4259-4 titled "Aluminum Picture Window, Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 07/14/03 with revision "D" dated 10/18/11, 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 No. 10-0504.05 and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
1/25/12

NOA No. 11-1110.15
Expiration Date: February 19, 2014
Approval Date: February 02, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 03-1105.01)
2. Drawing No. 4259-4 titled "Aluminum Picture Window, Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 07/14/03 with revision "D" dated 10/18/11, signed and sealed by Anthony Lynn Miller, 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 203-94along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.'s FTL-3835 and FTL-3850, dated 07/18 and 31/03, all signed and sealed by Joseph C. Chan, P. E.
(Submitted under previous NOA No. 03-1105.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, dated 08/19/10 complying with FBC-2007, prepared by manufacture, signed and sealed by Anthony L. Miller, P. E.
(Submitted under previous NOA No. 10-0504.05)
2. Glazing complies with ASTM E1300-02/04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11-0325.05 issued to **Solutia, Inc.** for their "Saflex - Clear or colored Interlayer" dated 04/21/11, expiring on 04/21/16.
2. Notice of Acceptance No. 11-0624.01 issued to **E. I. DuPont DeNemours & Co., Inc.** for their "DuPont Butacite® PVB Interlayer" dated 09/08/11, expiring on 12/11/16.

F. STATEMENTS

1. Statement letter of conformance and compliance with the FBC-2007 (with the 2009 supplement) and FBC-2010, dated 10/29/11, signed and sealed by Anthony Lynn Miller, P. E.
2. Statement letter of no financial interest and independence, dated 10/29/11, signed and sealed by Anthony Lynn Miller, P. E.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1110.15
Expiration Date: February 19, 2014
Approval Date: February 02, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

3. Letter of *Adoption of as his Own, the Work of another Engineer* per Section 61G15-27.001 of the F.B.P.E., dated 08/19/10 signed and sealed by Anthony Lynn Miller, P. E.
(Submitted under previous NOA No. 10-0504.08)
4. Statement letter of conformance and compliance with the Florida Building Code, dated 08/19/10 signed and sealed by Anthony Lynn Miller, P. E.
(Submitted under previous NOA No. 10-0504.08)
5. Statement letter of no financial interest and independence, dated 08/19/10 signed and sealed by Anthony Lynn Miller, P. E.
(Submitted under previous NOA No. 10-0504.08)
6. Laboratory compliance letter for Test Reports No.'s **FTL-3835** and **FTL-3850**, issued by Fenestration Testing Laboratory, Inc., dated 07/31/03, signed and sealed by Joseph C. Chan, P. E.
(Submitted under previous NOA No. 03-1105.01)

G. OTHERS

1. Notice of Acceptance No. **10-0504.05**, issued to PGT Industries for their Series "PW-701 Aluminum Fixed Window - L.M.I." approved on 09/22/10 and expiring on 02/19/14.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1110.15
Expiration Date: February 19, 2014
Approval Date: February 02, 2012

NOTES: SERIES 701 ALUMINUM FIXED WINDOW

- DIRECTIONS FOR USE:
 - DETERMINE THE PRODUCT'S MAXIMUM DESIGN PRESSURE FROM EITHER TABLES ON SHEET 2 (DEPENDING ON YOUR GLASS TYPE).
 - DETERMINE THE TYPE AND QUANTITY OF ANCHORS REQUIRED TO MEET THE WINDOWS DESIGN PRESSURE FROM SHEET 6 FOR WOOD SUBSTRATES, OR SHEET 7 FOR MASONRY SUBSTRATES. SPACE ANCHORS APART EQUALLY PER NOTES ON SHEET.
 - USE SHEETS 3 THROUGH 6 TO INSTALL PRODUCT, REFERENCING NOTES FROM SHEETS 6 & 7.

2. DESIGN PRESSURE RATINGS: NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND ASTM E1300-02, 3-SECOND GUST. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND ASTM E1300-02, 3-SECOND GUST.

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. LOAD DURATION, CD, OF 1.6 WAS USED IN WOOD SUBSTRATES ONLY.

4. SHUTTER REQUIREMENT: NONE REQUIRED

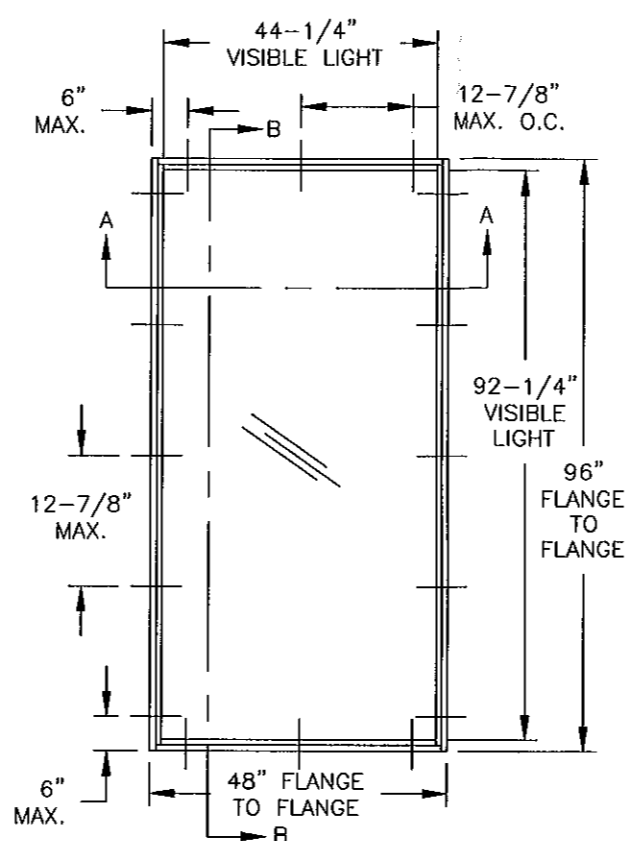
5. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, C-90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE, SEE SHEET 7.

6. REFERENCES: TEST REPORTS, FTL-3835 & FTL-3850, NOA: 07-0425.01 (ULTRACON), 03-0225.05 (CRETE-FLEX), ANSI/AF&PA NDS-2005 FOR WOOD CONSTRUCTION, ADM-2005 ALUMINUM DESIGN MANUAL.

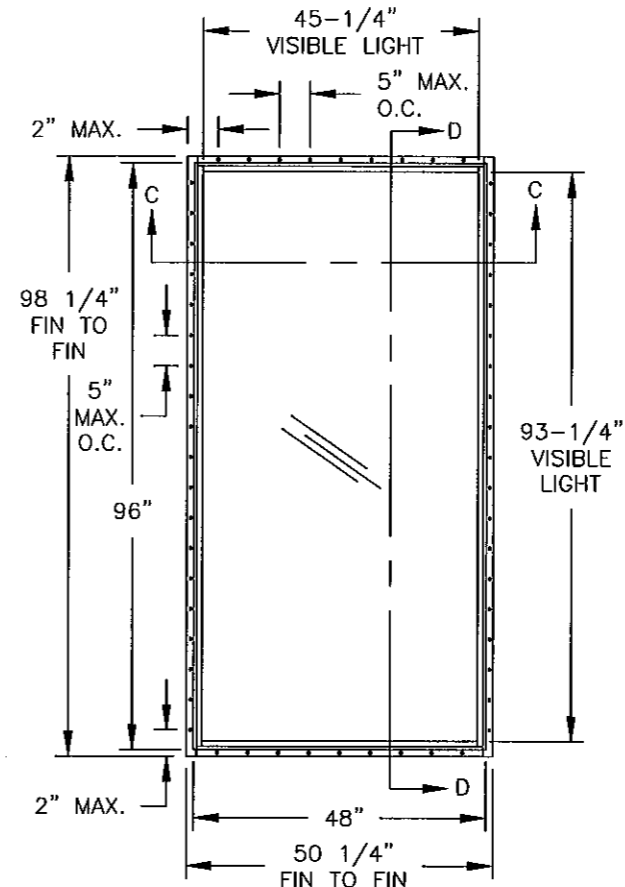
7. THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

8. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.

9. NARROW JOINT SEALANT IS USED ON ALL FOUR CORNERS OF THE FRAME. INSTALLATION ANCHORS SHOULD BE SEALED. ADHESIVE SEALANT SHALL BE USED BETWEEN SUBSTRATE AND FLANGE OR FIN. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS.



TYP. FLANGED FRAME ELEVATION (TESTED UNIT)

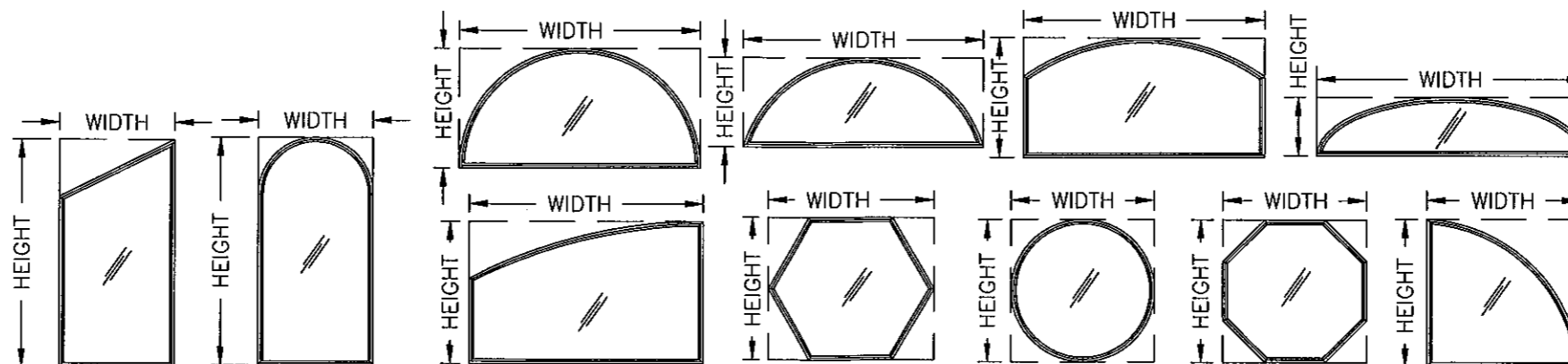


TYP. INTEGRAL FIN FRAME ELEVATION (TESTED UNIT)

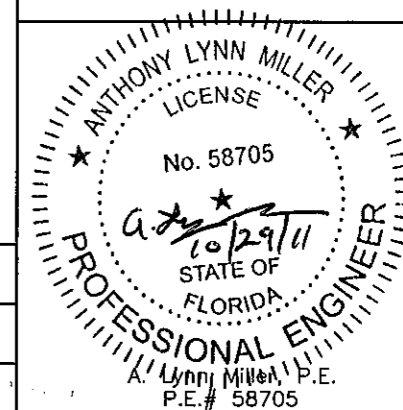
NOA DRAWING TABLE OF CONTENTS

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OTHER SHAPES AS SHOWN BELOW OR SIMILAR, MAY BE USED BY INSCRIBING THE SHAPE IN A BLOCK AND OBTAINING DESIGN PRESSURES FOR THAT BLOCK SIZE FROM THE TABLES ON SHEET 2.



PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 11-1110.15 Expiration Date 02/19/2014
By: *[Signature]*
Miami Dade Product Control



Revsd By: J.J.	Date: 10/18/11	Revisions: D	2010 FBC UPDATE
Revsd By: J.R.	Date: 3/31/10	Revisions: C	COMPLETE REDRAW AND REORGANIZATION TO INCLUDE INFORMATION FOR LARGER WINDOWS.
Revsd By: F.K.	Date: 4/4/07	Revisions: B	CHG. NOTE 2 TO REF. ASTM E 1300-02 AND REVISE ANCHORAGE NOTE 3.
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

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



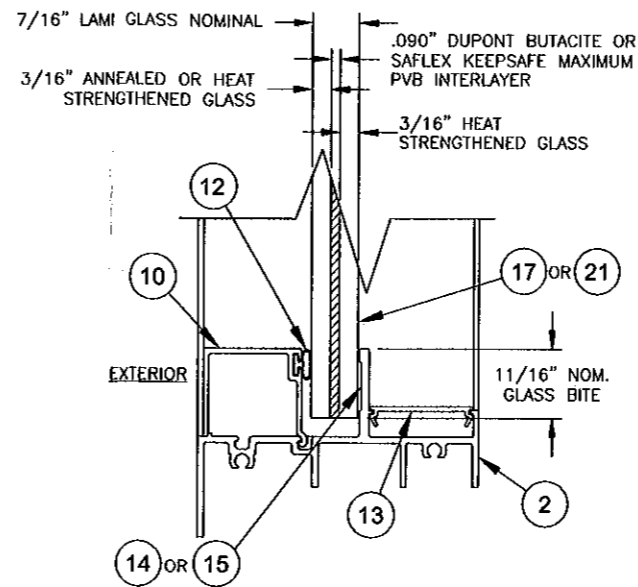
Description: ELEVATIONS AND NOTES			
Title: ALUMINUM PICTURE WINDOW, IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 1 of 8	Drawing No. 4259-4
Revised: D			

Fin and Flanged Windows	Maximum Design Pressure (+/- psf)		7/16 Lami: 3/16A-.090 PVB-3/16HS 7/16 Lami IG: 3/16TMP-7/16 AIR-3/16A-.090 PVB-3/16HS						
	"A" or "B" Dimension (in)								
	24	30	36	42	48	54	60	67.875	
36	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
48	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
60	80.0	80.0	80.0	80.0	80.0	71.1	71.1	64.0	
67.875	80.0	80.0	80.0	80.0	80.0	71.1	64.0	62.1	
72	80.0	80.0	80.0	80.0	79.3	71.1	64.0		
76.8	80.0	80.0	80.0	80.0	75.0	70.0	64.0		
84	80.0	80.0	80.0	74.3	68.3	63.6			
85.3	80.0	80.0	80.0	73.5	67.4	62.5			
96	80.0	80.0	77.2	64.7	58.2				
109.7	80.0	80.0	72.3	58.3					
120	80.0	80.0	70.4						
128	80.0	80.0	70.0						
145	80.0	80.0							

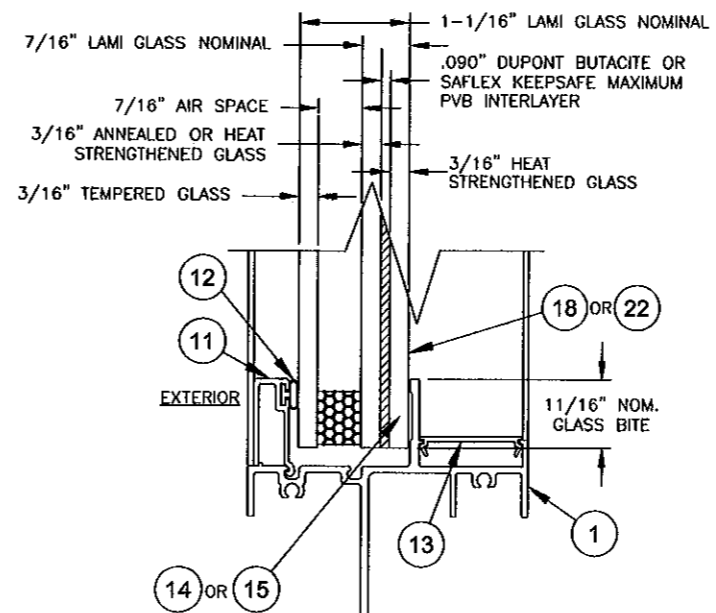
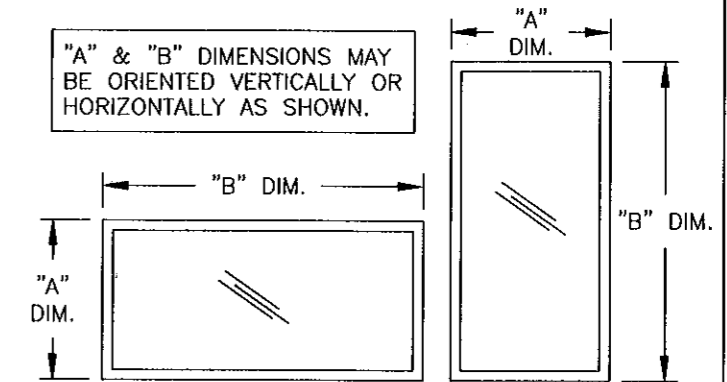
Fin and Flanged Windows	Maximum Design Pressure (+/- psf)		7/16 Lami: 3/16HS-.090 PVB-3/16HS 7/16 Lami IG: 3/16TMP-7/16 AIR-3/16HS-.090 PVB-3/16HS						
	"A" or "B" Dimension (in)								
	24	30	36	42	48	54	60	67.875	
36	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
48	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
60	80.0	80.0	80.0	80.0	80.0	71.1	71.1	64.0	
67.875	80.0	80.0	80.0	80.0	80.0	71.1	64.0	62.1	
72	80.0	80.0	80.0	80.0	80.0	71.1	64.0		
76.8	80.0	80.0	80.0	80.0	80.0	71.1	64.0		
84	80.0	80.0	80.0	80.0	80.0	71.1			
85.3	80.0	80.0	80.0	80.0	80.0	71.1			
96	80.0	80.0	80.0	80.0	80.0				
109.7	80.0	80.0	80.0	80.0					
120	80.0	80.0	80.0						
128	80.0	80.0	80.0						
145	80.0	80.0							

NOTES:

1. ANY ONE SIDE OF THE WINDOW CANNOT BE MORE THAN 145" NOR CAN THE WINDOW AREA EXCEED 32FT².
2. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.
3. FOR ARCHITECTURAL WINDOWS, FIND THE SMALLEST WINDOW SIZE IN THE TABLE ABOVE WHICH THE OVERALL WIDTH AND HEIGHT DIMENSIONS COMPLETELY FIT WITHIN.
4. THE WINDOWS WIDTH AND HEIGHT (DIMENSIONS "A" AND "B") MAY BE REVERSED TO OBTAIN A MORE ACCURATE RESULT FROM THE TABLE (SEE FIGURE, THIS SHEET).

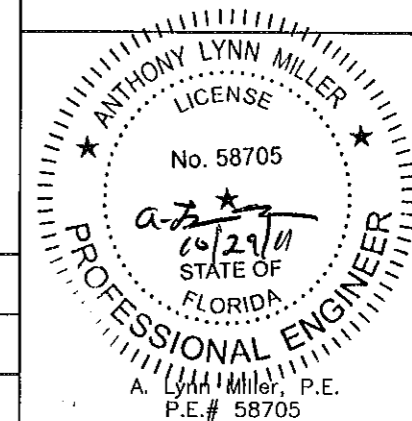


7/16" LAMI GLAZING DETAIL
FLANGED OR INTEGRAL FIN FRAME
(FLANGE FRAME SHOWN)



1-1/16" LAMI I.G. GLAZING DETAIL
FLANGED OR INTEGRAL FIN FRAME
(INTEGRAL FIN FRAME SHOWN)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-110.15
Expiration Date 12/14/2014
By *[Signature]*
Miami Dade Product Control



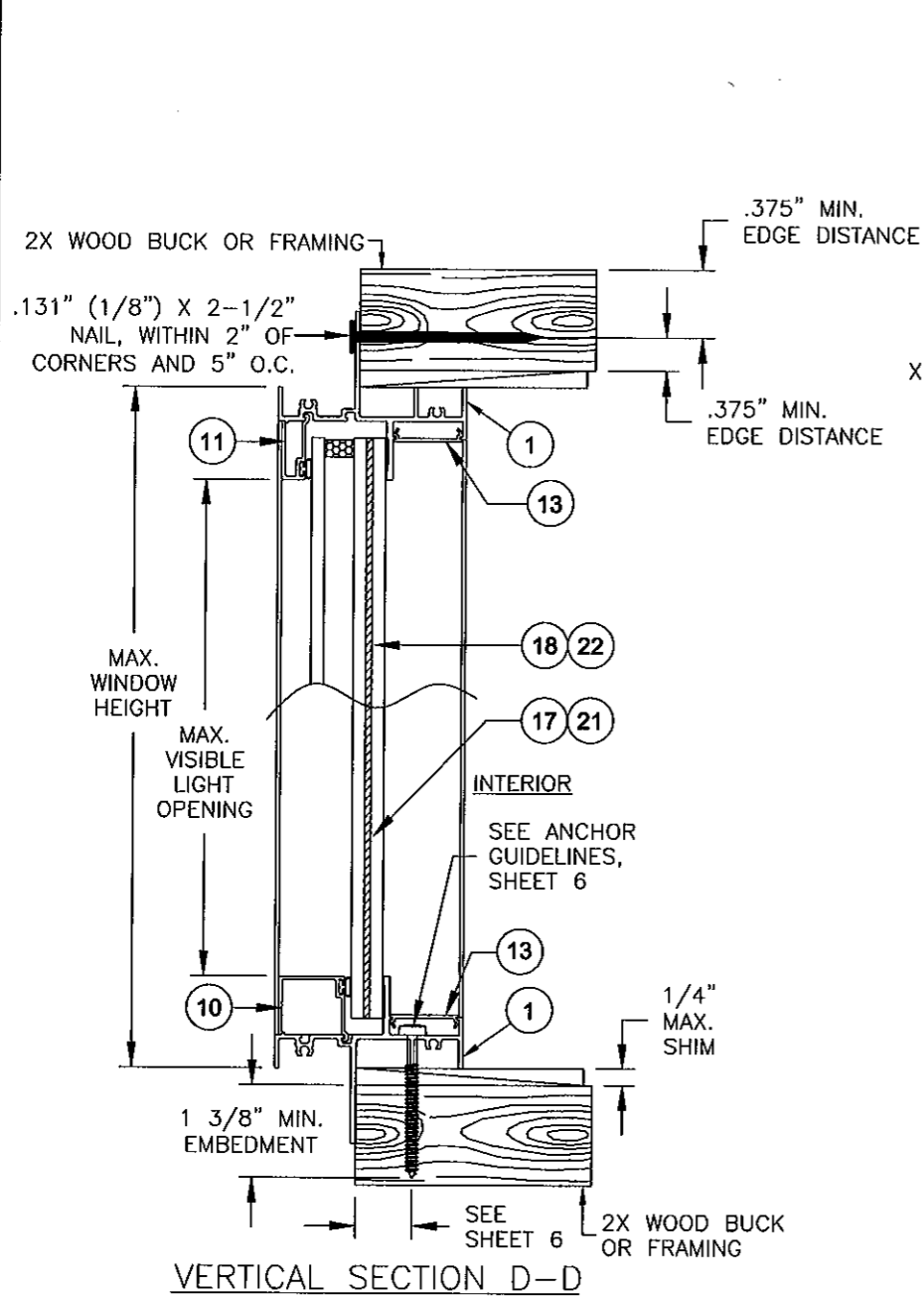
Revised By: J.J.	Date: 10/18/11	Revisions: D	CHANGED HS CAP TO TMP FOR 30' RULE
Revised By: J.R.	Date: 3/31/10	Revisions: C	COMPLETE REDRAW AND REORGANIZATION TO INCLUDE INFORMATION FOR LARGER WINDOWS.
Revised By: F.K.	Date: 4/4/07	Revisions: B	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 7/14/03	Checked By: _____	Date: _____

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

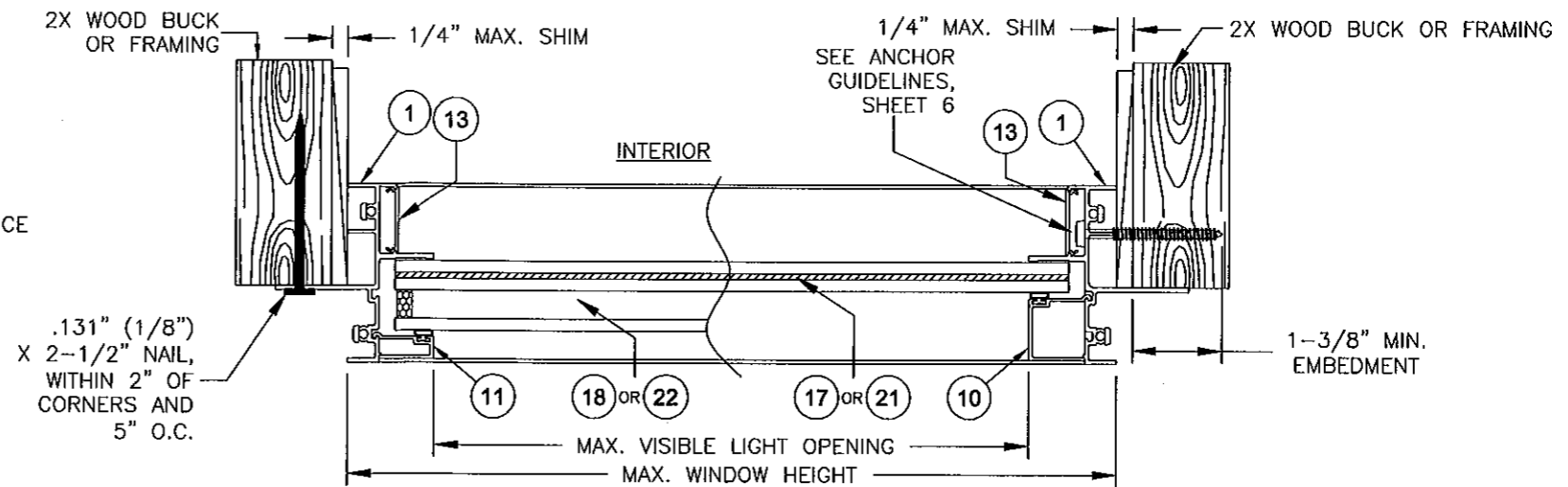


Description: GLAZING DETAILS			
Title: ALUMINUM PICTURE WINDOW, IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 2 of 8	Drawing No. 4259-4
Rep: D			

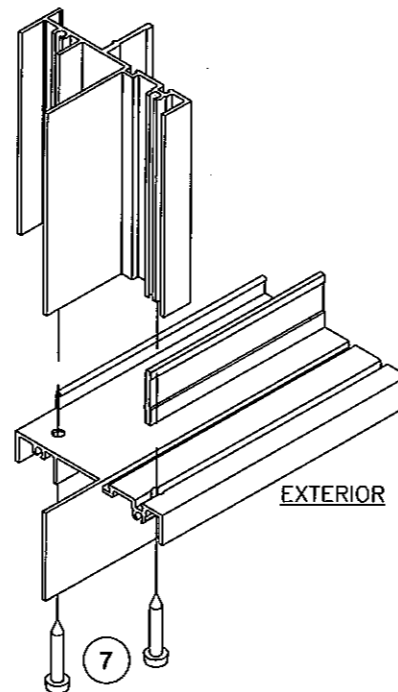
INSTALLATION DETAILS FOR FINNED FRAMES



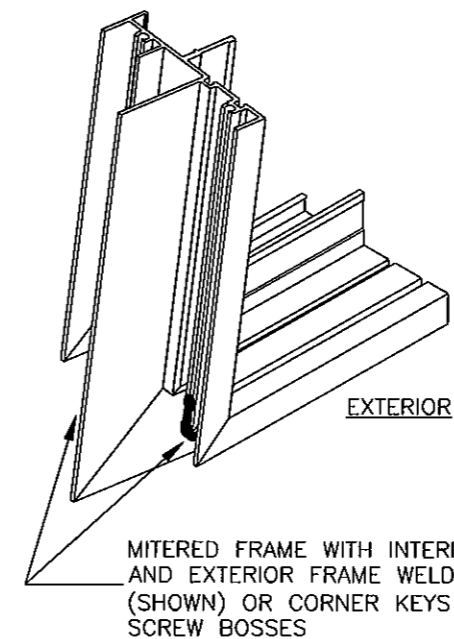
VERTICAL SECTION D-D



HORIZONTAL SECTION C-C



90° CORNER ASSEMBLY

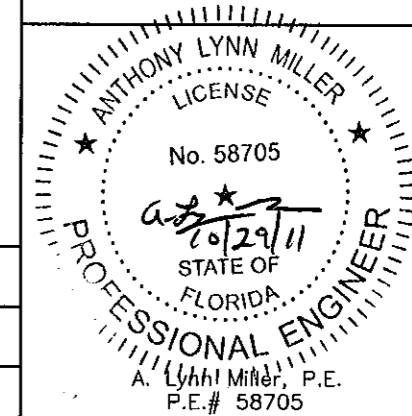


ANGLED CORNER ASSEMBLY

NOTES

1. USE ONLY NAILS PER ABOVE, OR ANCHORS LISTED ON SHEET 6. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1110.5
Expiration Date 02/19/2014
By: *[Signature]*
Miami Dade Product Control



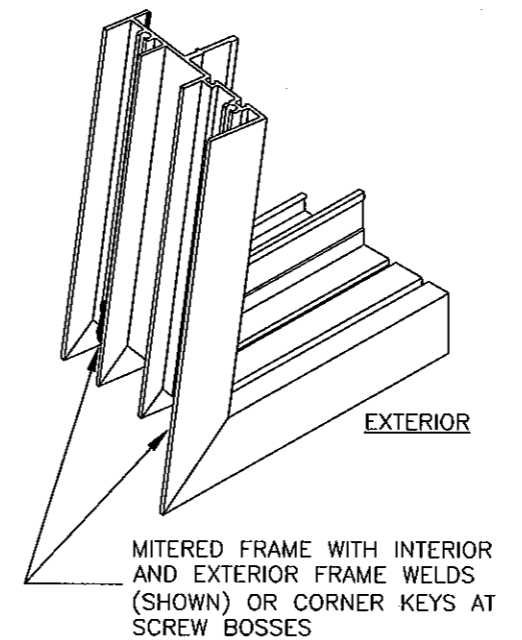
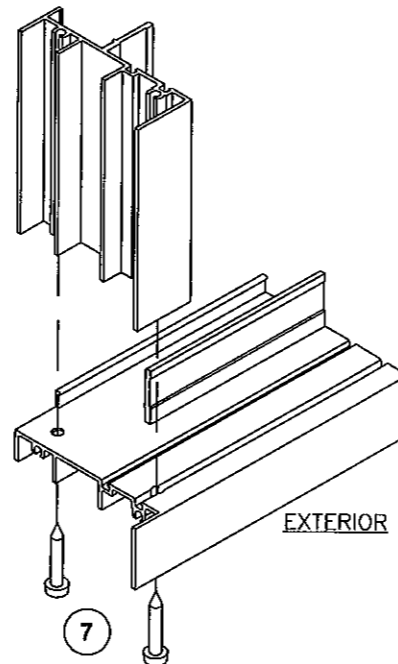
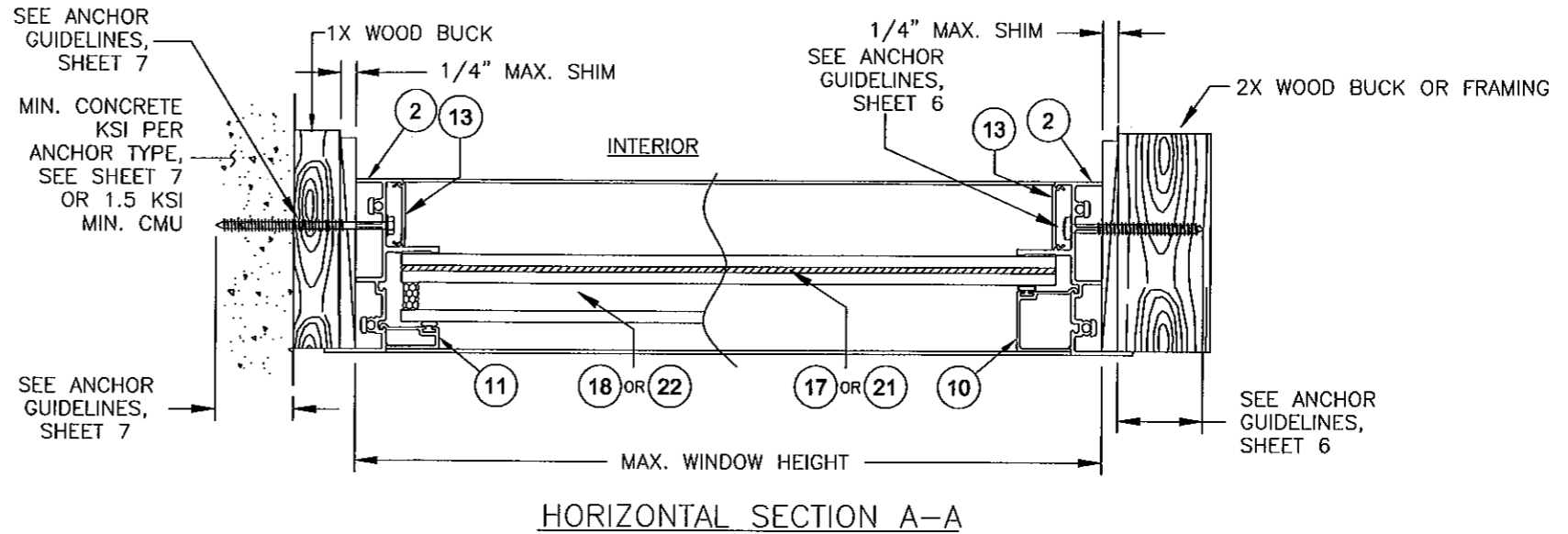
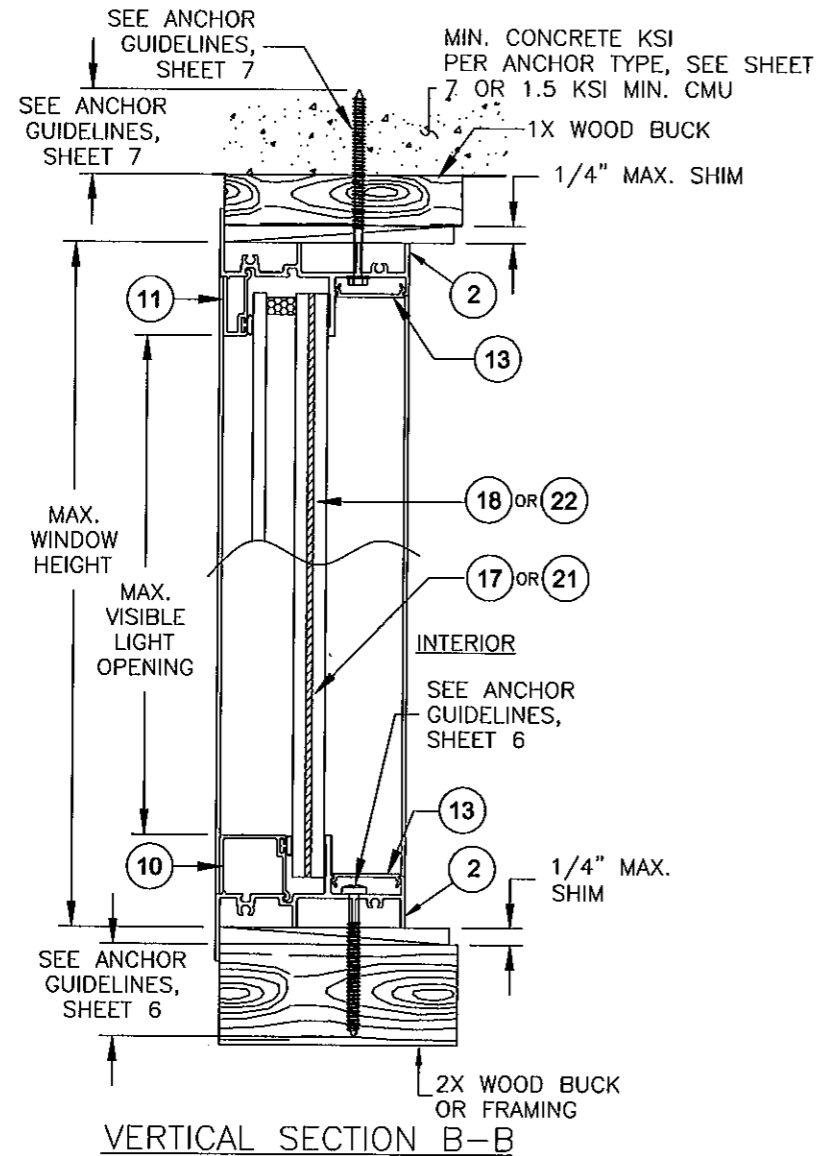
Revsd By: J.J.	Date: 10/18/11	Revisions: D	NO CHANGE THIS SHEET
Revsd By: J.R.	Date: 3/31/10	Revisions: C	COMPLETE REDRAW AND REORGANIZATION TO INCLUDE INFORMATION FOR LARGER WINDOWS.
Revsd By:	Date:	Revisions:	
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

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



Description: INSTALLATION, FINNED FRAME			
Title: ALUMINUM PICTURE WINDOW, IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 3 of 8	Drawing No. 4259-4
			Rev: D

INSTALLATION DETAILS FOR FLANGED FRAMES



NOTES

1. USE ONLY ANCHORS LISTED ON SHEETS 6 AND 7. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS.
2. 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.

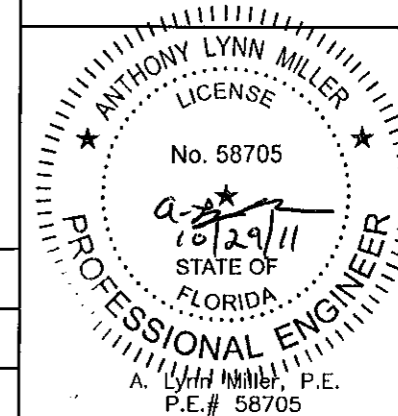
Revsd By: J.J.	Date: 10/18/11	Revisions: D	NO CHANGE THIS SHEET
Revsd By: J.R.	Date: 3/31/10	Revisions: C	COMPLETE REDRAW AND REORGANIZATION TO INCLUDE INFORMATION FOR LARGER WINDOWS.
Revsd By:	Date:	Revisions:	
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

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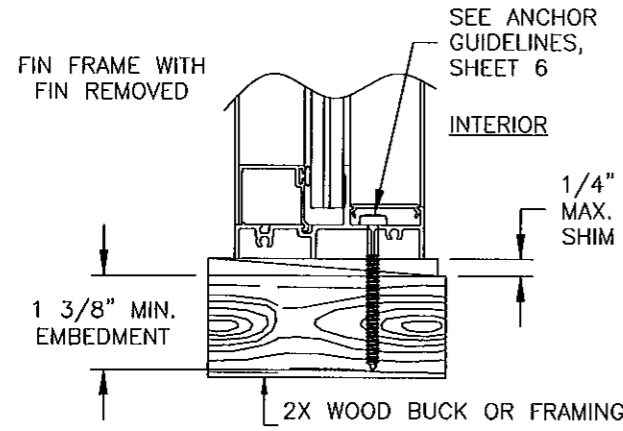


Description: INSTALLATION, FLANGED FRAME			
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Series/Model: PW-701	Scale: NTS	Sheet: 4 of 8	Drawing No. 4259-4
Rev.:	D		

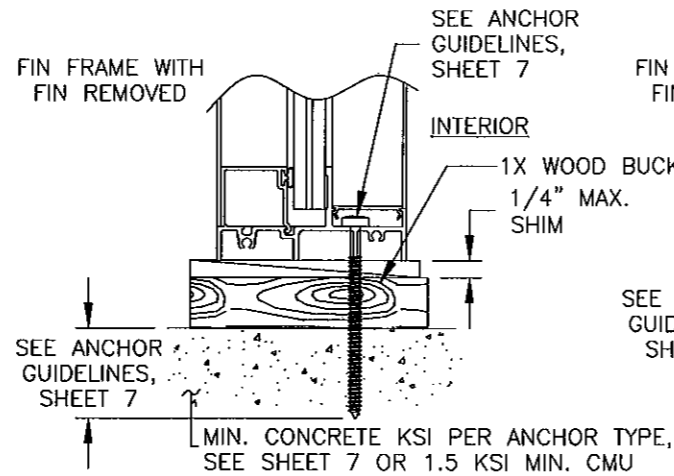
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1110.15
Expiration Date 02/19/2014
By: *[Signature]*
Miami Dade Product Control



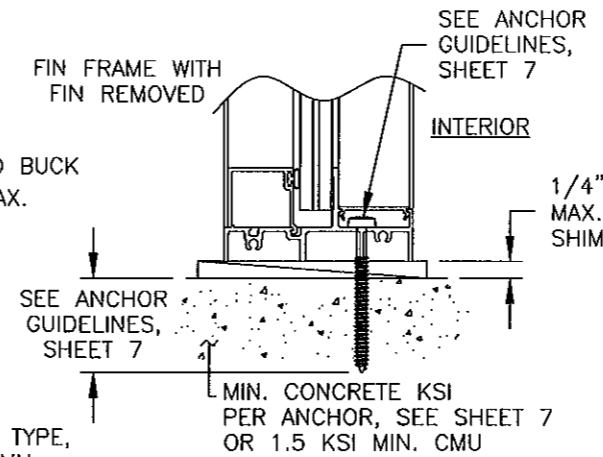
MISC INSTALLATION DETAILS



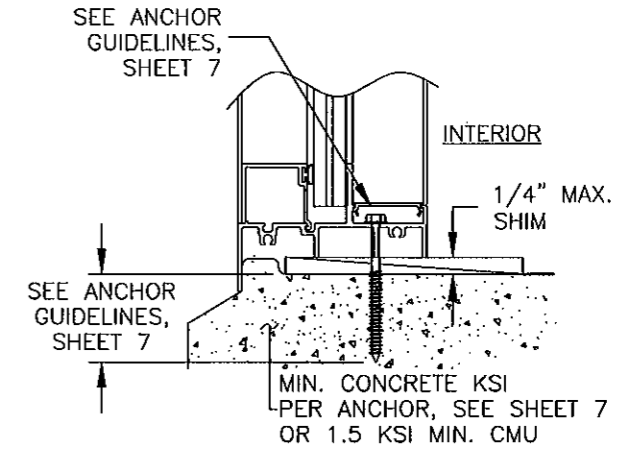
EQUAL LEG FRAME
(OTHER FRAMES SIM.)
2X WOOD SUBSTRATE



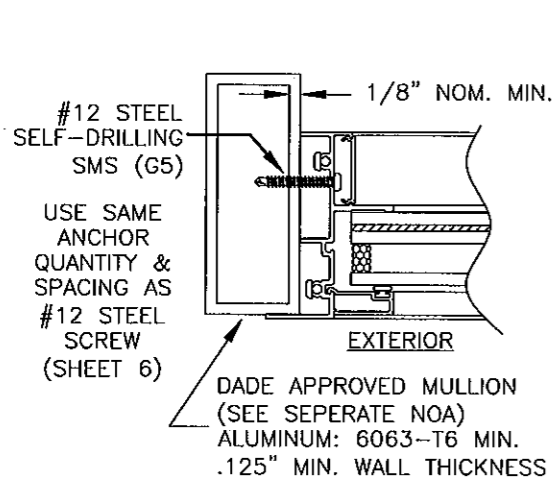
EQUAL LEG FRAME
(OTHER FRAMES SIM.)
1X WOOD BUCKSTRIP



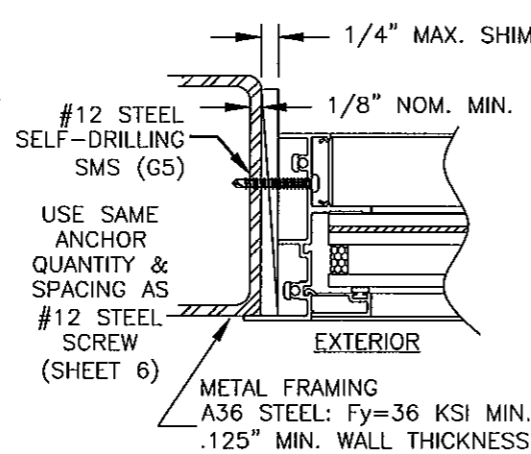
EQUAL LEG FRAME
(OTHER FRAMES SIM.)
DIRECTLY TO MASONRY



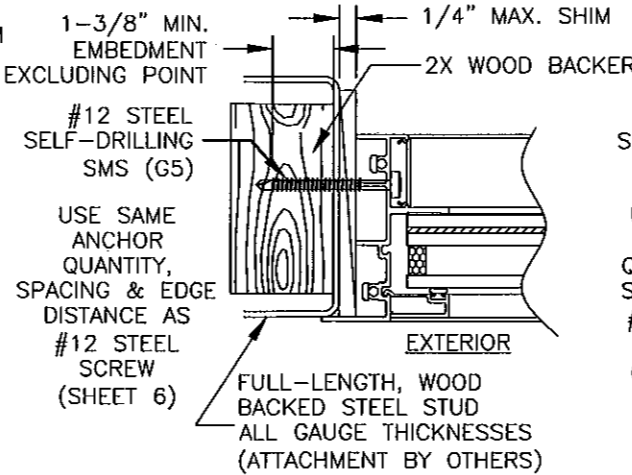
FLANGE FRAME
PRECAST SLOPED SILL



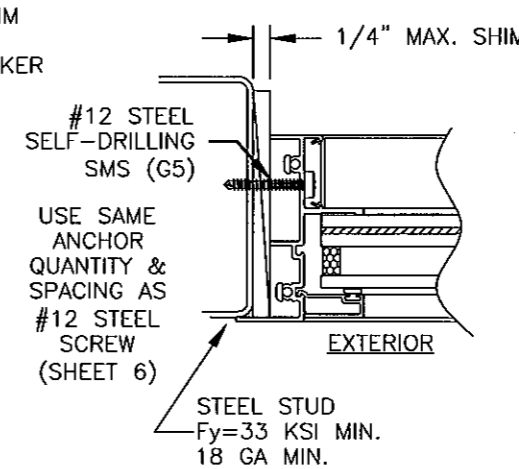
FLANGE FRAME
(OTHER FRAMES SIM.)
ALUMINUM MULL SUBSTRATE



FLANGE FRAME
(OTHER FRAMES SIM.)
STRUCTURAL STEEL SUBSTRATE



FLANGE FRAME
(OTHER FRAMES SIM.)
STEEL STUD/WOOD SUBSTRATE



FLANGE FRAME
(OTHER FRAMES SIM.)
STEEL STUD SUBSTRATE

NOTES

1. USE ONLY ANCHORS LISTED ON SHEETS 6 AND 7. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS.
2. 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.
3. FOR ATTACHMENT TO METAL: THE STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE WINDOW FRAME.
4. IF APPLICABLE, LOWER DESIGN PRESSURE FROM EITHER WINDOW OR MULLION NOA APPLIES TO WHOLE SYSTEM.

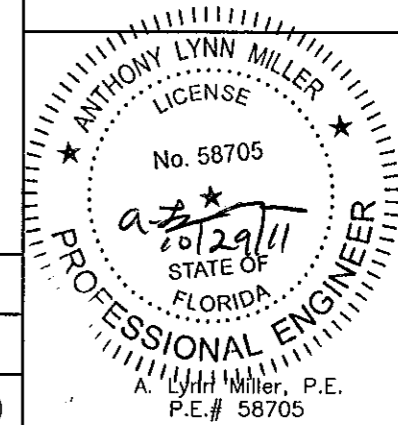
Revsd By: J.J.	Date: 10/18/11	Revisions: D	NO CHANGE THIS SHEET
Revsd By: J.R.	Date: 3/31/10	Revisions: C	COMPLETE REDRAW AND REORGANIZATION TO INCLUDE INFORMATION FOR LARGER WINDOWS.
Revsd By:	Date:	Revisions:	
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

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



Description: INSTALLATION, FINNED FRAME			
Title: ALUMINUM PICTURE WINDOW, IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 5 of 8	Drawing No. 4259-4
Rev: D			

PRODUCT REVISED
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Acceptance No. 11-1110.15
Expiration Date 02/19/2014
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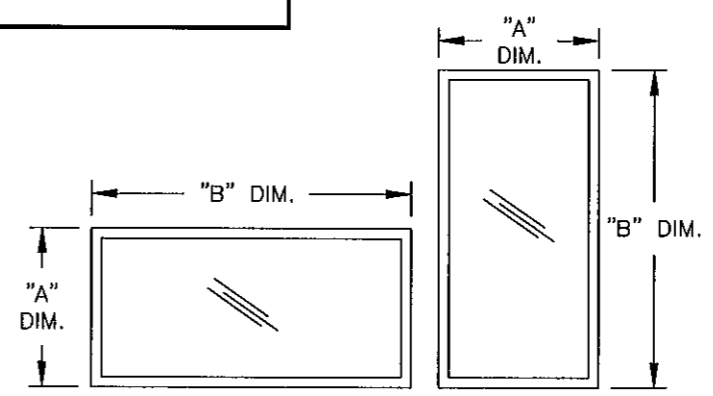


Head, Sill and Jamb Anchor Quantities into Wood or Metal (Anchor Types 1-4)

"B" or "A" Dimension (in)	Anchor Type	"A" or "B" Dimension (in)																															
		24				30				36				42				48				54				60				67.875			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
36	Jamb	3	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4			
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	5	5	6	5	6	5	6	6	6	6	7	6	7	6
48	Jamb	4	4	5	4	5	4	5	4	5	5	5	5	5	6	5	5	5	6	5	5	5	6	5	5	5	6	5	5	5	6	5	
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	6	6	7	6	7	7	8	7
60	Jamb	5	5	6	5	6	5	6	5	6	6	6	6	6	7	6	6	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	7	6	8	7	8	7
67.875	Jamb	6	6	7	6	7	6	7	6	7	6	7	6	7	7	8	7	7	7	8	7	7	7	8	7	8	7	8	7	8	7	8	7
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	8	7
72	Jamb	6	6	8	6	7	6	8	6	7	7	8	7	7	7	8	7	7	7	9	7	8	7	9	7	8	7	9	7	8	7	9	7
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
76.8	Jamb	7	7	8	7	8	7	8	7	8	7	8	7	8	8	8	8	8	8	9	8	8	8	9	8	9	8	9	8	9	8	9	8
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
84	Jamb	7	7	9	7	8	7	9	7	8	8	9	8	8	8	9	8	8	8	10	8	9	8	10	8	9	8	10	8	9	8	10	8
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
85.3	Jamb	7	7	9	7	8	7	9	7	8	8	9	8	8	8	9	8	8	8	10	8	9	8	10	8	9	8	10	8	9	8	10	8
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
96	Jamb	8	8	10	8	9	8	10	8	9	9	10	9	9	9	10	9	9	9	11	9	10	9	11	9	10	9	11	9	10	9	11	9
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
109.7	Jamb	9	9	12	9	10	9	12	9	10	10	12	10	10	10	12	10	10	10	12	10	11	10	12	10	11	10	12	10	11	10	12	10
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
120	Jamb	10	10	13	10	11	10	13	10	11	11	13	11	11	11	13	11	11	11	13	11	12	11	13	11	12	11	13	11	12	11	13	11
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
128	Jamb	11	11	13	11	12	11	13	11	12	12	13	11	12	12	13	11	12	12	13	11	13	11	14	11	13	11	14	11	13	11	14	11
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7
145	Jamb	12	12	15	12	13	12	15	12	13	13	15	12	13	13	15	12	13	13	15	12	14	12	15	12	14	12	15	12	14	12	15	12
	Head/Sill	2	2	2	2	3	3	3	3	4	3	4	3	5	4	5	4	5	5	6	5	6	6	7	6	7	6	8	7	8	7	9	7

* Width and Height dimensions may be reversed to locate anchor quantities on the table. If so, the Head/Sill and Jamb rows must also be reversed so that the longer dimension gets the most anchors.

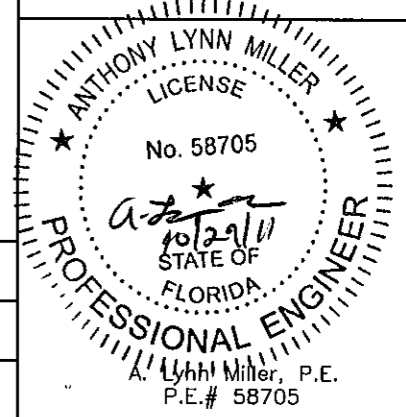
"A" & "B" DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.



- NOTES:**
1. ANY ONE SIDE OF THE WINDOW CANNOT BE MORE THAN 145" NOR CAN THE WINDOW AREA EXCEED 32FT².
 2. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.
 3. FOR ARCHITECTURAL WINDOWS, FIND THE SMALLEST WINDOW SIZE IN THE TABLE ABOVE WHICH THE OVERALL WIDTH AND HEIGHT DIMENSIONS COMPLETELY FIT WITHIN.
 4. THE WINDOWS WIDTH AND HEIGHT (DIMENSIONS "A" AND "B") MAY BE REVERSED TO OBTAIN A MORE ACCURATE RESULT FROM THE TABLE (SEE FIGURE, THIS SHEET).
 5. DIFFERENT ANCHORS MAY BE CHOSEN FROM MULTIPLE TABLE COLUMNS TO MATCH THE SUBSTRATE.

Anchor Type	Anchor Description	Substrate	Min. Edge Distance	Min. Embedment
1	#12, Steel screw (G5)	S. Pine	0.864"	1.375"
	#12, Steel screw (G5)	Stl. Stud, Gr 33	0.324"	.048"/18Ga
	#12, Steel screw (G5)	Alum. 6063-T6	0.324"	0.125"
2	#12, Steel screw (G5)	A36 Steel	0.324"	0.125"
	#14, Steel screw (G5)	S. Pine	0.964"	1.375"
	#14, Steel screw (G5)	Stl. Stud, Gr 33	0.361"	.048"/18Ga
3	#14, Steel screw (G5)	Alum. 6063-T6	0.361"	0.125"
	#14, Steel screw (G5)	A36 Steel	0.361"	0.125"
4	1/4" Steel Ultracon	S. Pine	1"	1.375"
	1/4" 410 SS CreteFlex	S. Pine	1"	1.375"
4	5/16" Steel Ultracon	S. Pine	1.26"	1.375"

PRODUCT REVISED as complying with the Florida Building Code
 Building Code 11-1110.15
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 Expiration Date 02/19/2014
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Revsd By: J.J.	Date: 10/18/11	Revisions: D	NO CHANGE THIS SHEET
Revsd By: J.R.	Date: 3/31/10	Revisions: C	COMPLETE REDRAW AND REORGANIZATION TO INCLUDE INFORMATION FOR LARGER WINDOWS.
Revsd By: F.K.	Date: 4/4/07	Revisions: B	NEW SHEET
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

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



Description: ANCHORAGE, WOOD SUBSTRATE			
Title: ALUMINUM PICTURE WINDOW, IMPACT			
Series/Model: PW-701	Scale: NTS	Sheet: 6 of 8	Drawing No. 4259-4
Rev: D			

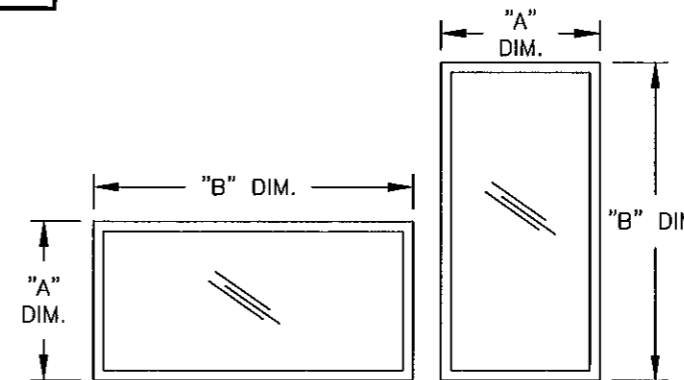
Head, Sill and Jamb Anchor Quantities into Masonry (Anchor Types 5-7)

	Anchor Type	"A" or "B" Dimension (in)																								
		24			30			36			42			48			54			60			67.875			
		5	6	7	5	6	7	5	6	7	5	6	7	5	6	7	5	6	7	5	6	7	5	6	7	
"B" or "A" Dimension (in)	36	Jamb	4	3	3	4	4	3	4	4	3	4	4	3	4	4	3	4	4	3	4	4	3	4	4	3
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	5	5	4	6	6	5	6	6	5	7	7	6
	48	Jamb	5	4	4	5	5	4	5	5	4	6	5	5	6	5	5	6	5	5	6	5	5	6	5	5
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5	7	6	6	7	6	6	8	7	7
	60	Jamb	6	5	5	6	6	5	6	6	5	7	6	6	7	6	6	7	6	6	7	6	6	7	6	6
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5	7	6	6	7	6	6	8	7	7
	67.875	Jamb	7	6	6	7	6	6	7	7	6	8	7	7	8	7	7	8	7	7	8	7	7	8	8	7
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5	7	6	6	7	6	6	8	8	7
	72	Jamb	8	6	6	8	7	6	8	7	6	8	7	7	9	7	7	9	7	7	9	8	7			
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5	7	6	6	7	6	6			
	76.8	Jamb	8	7	7	8	7	7	8	8	7	8	8	8	9	8	8	9	8	8	9	8	8			
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5	7	6	6	7	6	6			
	84	Jamb	9	7	7	9	8	7	9	8	7	9	8	8	10	8	8	10	8	8						
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5	7	6	6						
	85.3	Jamb	9	7	7	9	8	7	9	8	7	9	8	8	10	8	8	10	8	8						
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5	7	6	6						
	96	Jamb	10	8	8	10	9	8	10	9	8	10	9	9	11	9	9									
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4	6	5	5									
	109.7	Jamb	12	9	9	12	10	9	12	10	9	12	10	10												
		Head/Sill	2	2	2	3	3	3	4	4	3	5	5	4												
120	Jamb	13	10	10	13	11	10	13	11	10																
	Head/Sill	2	2	2	3	3	3	4	4	3																
128	Jamb	13	11	11	13	12	11	13	12	11																
	Head/Sill	2	2	2	3	3	3	4	4	3																
145	Jamb	15	12	12	15	13	12																			
	Head/Sill	2	2	2	3	3	3																			

* Width and Height dimensions may be reversed to locate anchor quantities on the table. If so, the Head/Sill and Jamb rows must also be reversed so that the longer dimension gets the most anchors.

Anchor Type	Anchor Description	Substrate	Min. Edge Distance	Min. Embedment
5	1/4" Steel Ultracon	Hollow Block	1"	1.25"
	1/4" Steel Ultracon	2.7k Concrete	1"	1.375"
6	1/4" 410 SS CreteFlex	Hollow Block	1"	1.25"
	1/4" 410 SS CreteFlex	3.35k Concrete	1"	1"
7	5/16" Steel Ultracon	Hollow Block	1.563"	1.25"
	5/16" Steel Ultracon	3.5k Concrete	1.25"	1"

"A" & "B" DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.



NOTES:

1. ANY ONE SIDE CANNOT BE MORE THAN 145" AND HAVE AN AREA OF MORE THAN 32FT².
2. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.
3. FOR ARCHITECTURAL WINDOWS, FIND THE SMALLEST WINDOW SIZE IN THE TABLE ABOVE WHICH THE OVERALL WIDTH AND HEIGHT DIMENSIONS COMPLETELY FIT WITHIN.
4. THE WINDOWS WIDTH AND HEIGHT (DIMENSIONS "A" AND "B") MAY BE REVERSED TO OBTAIN A MORE ACCURATE RESULT FROM THE TABLE (SEE FIGURE, THIS SHEET).
5. DIFFERENT ANCHORS MAY BE CHOSEN FROM MULTIPLE TABLE COLUMNS TO MATCH THE SUBSTRATE.

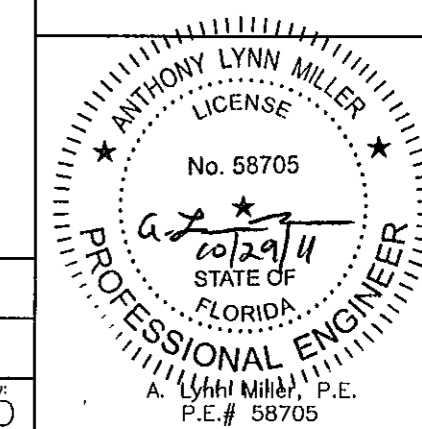
Revsd By: J.J.	Date: 10/18/11	Revisions: D	NO CHANGE THIS SHEET
Revsd By: J.R.	Date: 3/31/10	Revisions: C	COMPLETE REDRAW AND REORGANIZATION TO INCLUDE INFORMATION FOR LARGER WINDOWS.
Revsd By: F.K.	Date: 4/4/07	Revisions: B	NEW SHEET
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

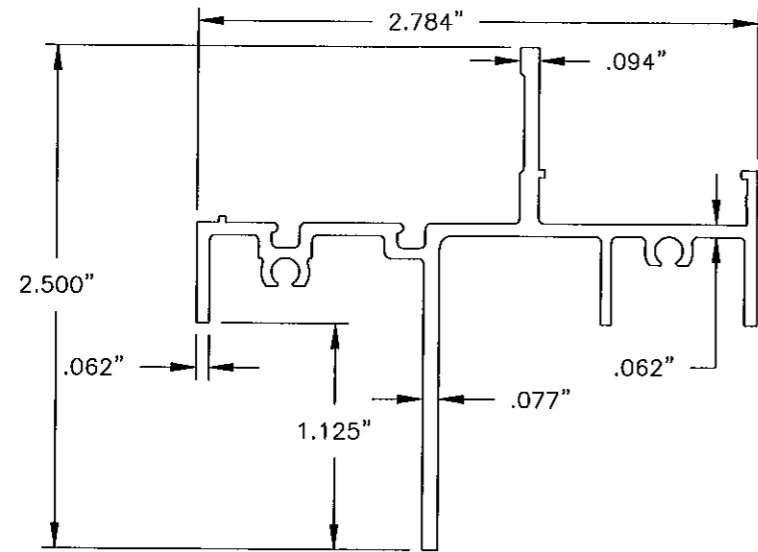
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description: ANCHORAGE, MASONRY SUBSTRATE				
Title: ALUMINUM PICTURE WINDOW, IMPACT				
Series/Model: PW-701	Scale: NTS	Sheet: 7 of 8	Drawing No: 4259-4	Rv: D

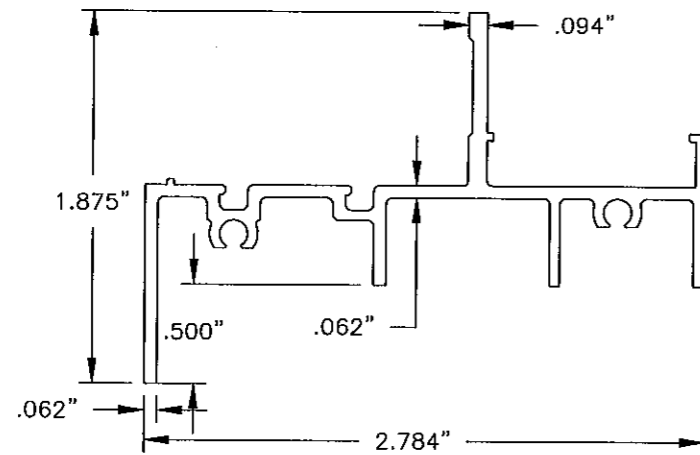
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 11-1110-15
Expiration Date 02/19/2014
By: *[Signature]*
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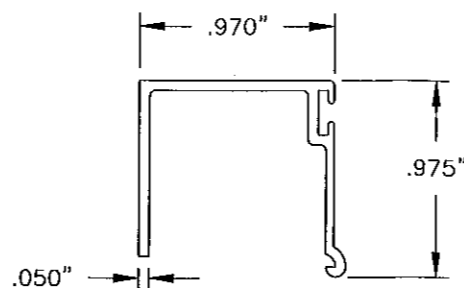
INTEGRAL FIN FRAME

① MAT'L: 6063-T5
DWG NO. 4256A



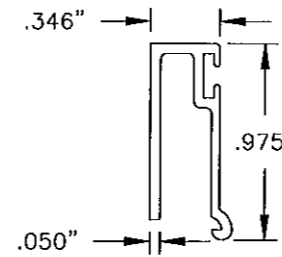
FLANGED FRAME

② MAT'L: 6063-T5
DWG NO. 4253



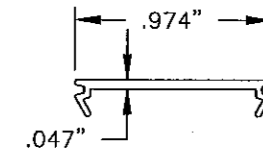
7/16" LAMI GLASS BEAD

⑩ MAT'L: 6063-T5
DWG NO. 4255



1-1/16" LAMI I.G. GLASS BEAD

⑪ MAT'L: 6063-T5
DWG NO. 4254

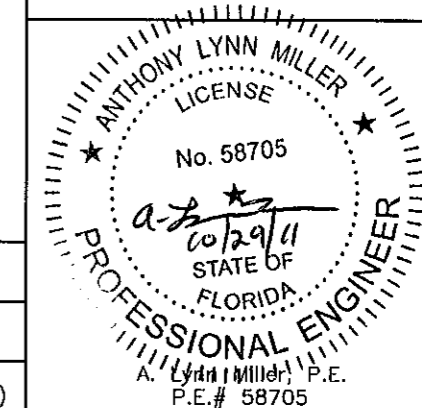


INSTALL. FASTENER COVER

⑬ MAT'L: 6063-T5
DWG NO. 4224

ITEM	DWG #	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 PH SMS stainless steel
8			Schnee-Morehead SM5504 acryl-r narrow joint sealant or
10	4255	64255	7/16 lami glass bead
11	4254	64254	1-1/16 lami I.G. glass 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
17			7/16" lami glass: 3/16" annealed - .090 DuPont Butacite or Saflex KeepSafe Maximum PVB interlayer - 3/16" heat strengthened
18			1-1/16" lami I.G. glass: 3/16" heat strengthened outboard - 7/16" airspace - 3/16" annealed - .090 DuPont Butacite or Saflex KeepSafe Maximum PVB interlayer - 3/16" heat strengthened
20	4262	64262	Architectural corner key
21			7/16" lami glass: 3/16" heat strengthened - .090 DuPont Butacite or Saflex KeepSafe Maximum PVB interlayer - 3/16" heat strengthened
22			1-1/16" lami I.G. glass: 3/16" heat strengthened outboard - 7/16" airspace - 3/16" heat strengthened - .090 DuPont Butacite or Saflex KeepSafe Maximum PVB interlayer - 3/16" heat strengthened

PRODUCT REVISED
as complying with the Florida
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Miami Dade Product Control



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Revsd By:	Date:	Revisions:	
Drawn By: F.K.	Date: 7/14/03	Checked By:	Date:

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



Description:
EXTRUSION PROFILES & PARTS LIST
Title:
ALUMINUM PICTURE WINDOW, IMPACT
Series/Model: PW-701 Scale: NTS Sheet: 8 of 8 Drawing No. 4259-4 Rev: D