



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

Your application for Notice of Acceptance (NOA) of:

Series PW-701 Aluminum Fixed Window - Non-Impact & Large Missile Impact

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0109.02
EXPIRES: 02/25/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 04/12/2001

PGT Industries

ACCEPTANCE No.: 01-0109.02

APPROVED: APR 12 2001

EXPIRES: February 25, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This **renews** the Notice of Acceptance No. 97-0304.02, which was issued on 02/25/98. It approves an aluminum fixed window, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Series PW-701 Aluminum Fixed Window – Non-Impact and Large Missile Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No **4210**, titled "Aluminum Fixed Windows" Sheets 1 through 7 of 7, dated 02/19/97, revised on 01/04/01, signed and sealed by R. 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications only, as shown in approved drawings.
3.2 For Design Pressure Rating of Large Missile Impact see sheet 1 and for Design Pressure Rating of Non Impact see sheets 5 & 7 of approved drawings.

4. INSTALLATION

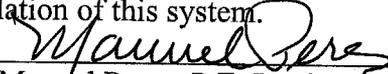
- 4.1 The aluminum fixed window and its components shall be installed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): to determine whether the installation requires a hurricane protection system or not, see corresponding table in approved drawing.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

PGT Industries

ACCEPTANCE No.: 01-0109.02

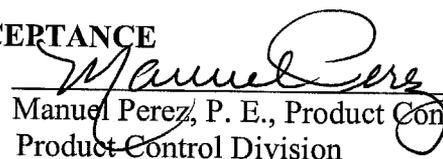
APPROVED: APR 12 2001

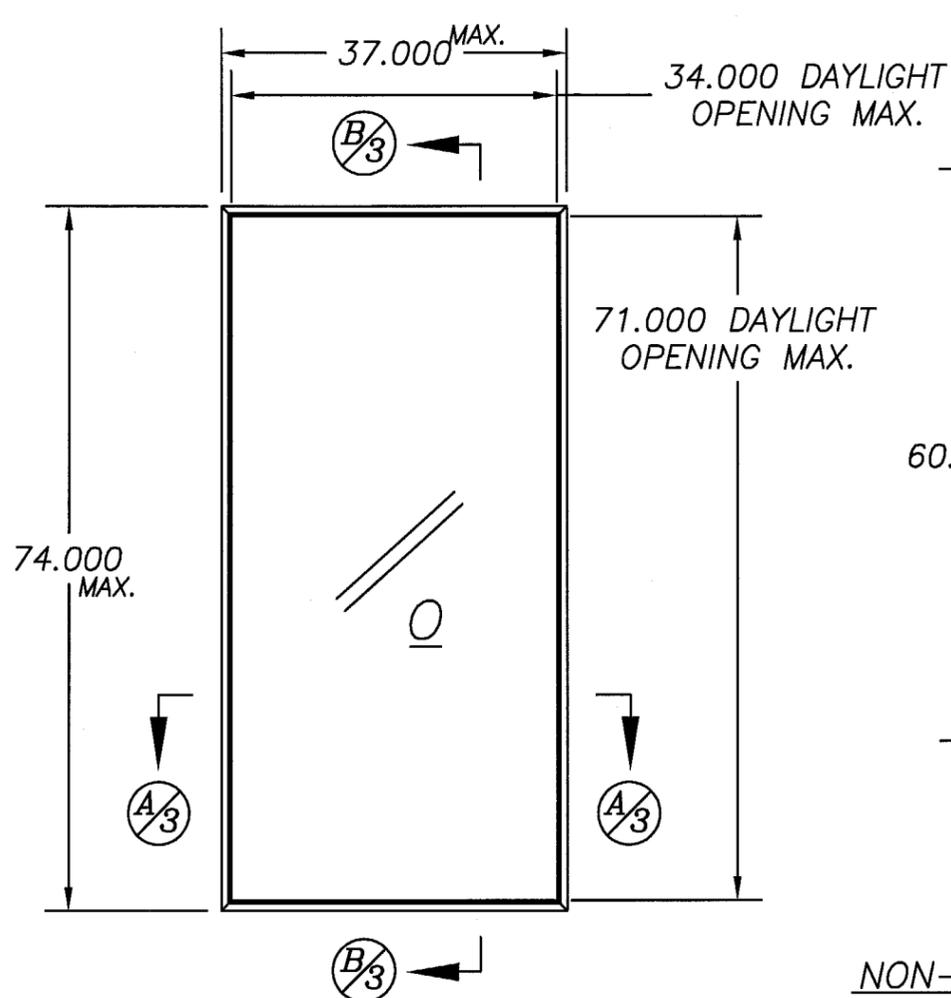
EXPIRES: February 25, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process;
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The engineer does not need to reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Acceptance contains pages 1, 2, and this last page 3.

END OF THIS ACCEPTANCE


Manuel Perez, P. E., Product Control Examiner
Product Control Division



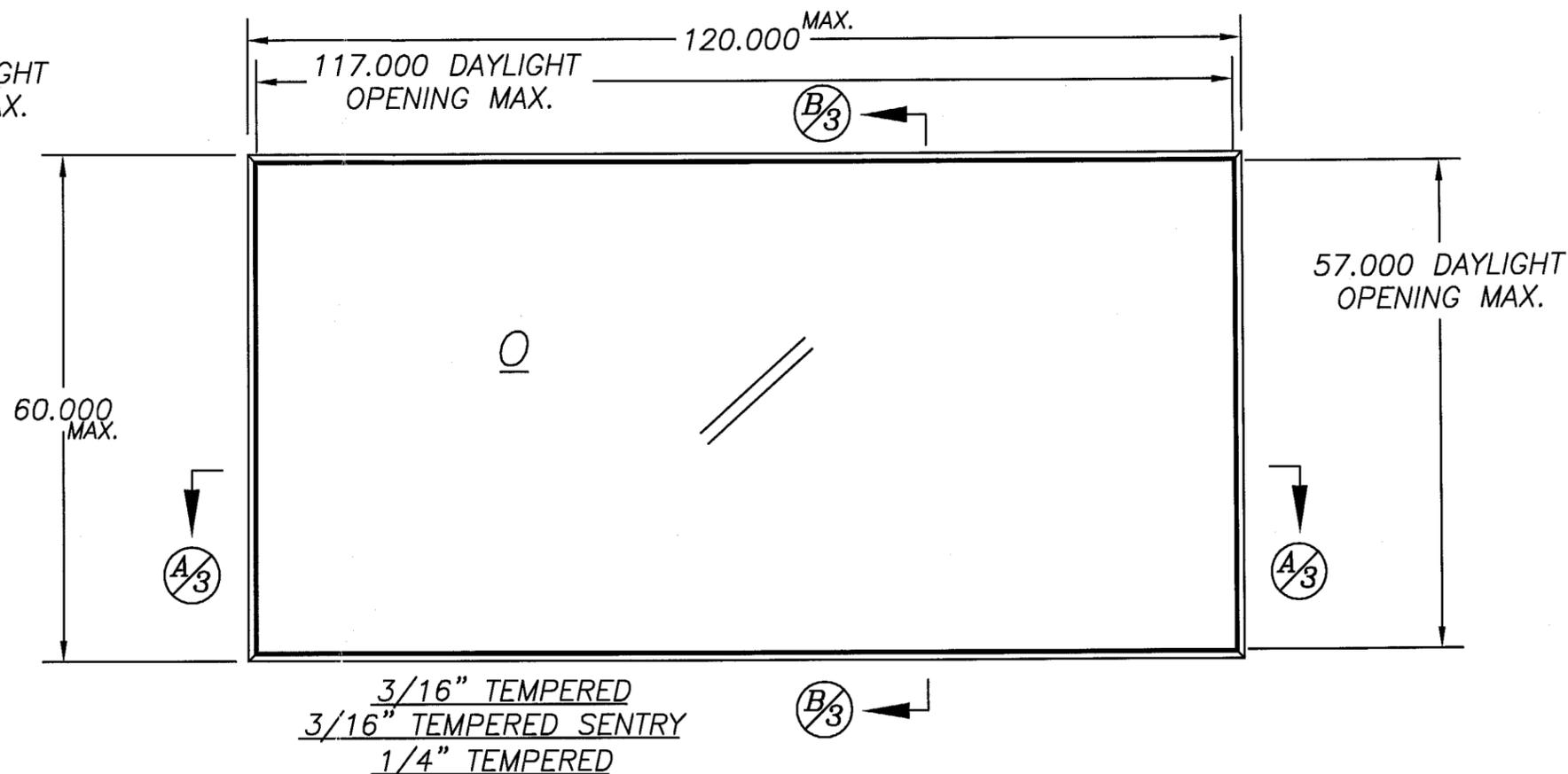
3/16" ANNEALED
3/16" ANNEALED SENTRY
1/4" TEMPERED

LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING:
 1a.) 3/16" ANN. SENTRY GLASS (37" x 74")
 1b.) 3/16" TEMP. SENTRY GLASS (120" x 60")
- 2.) CONFIGURATIONS: 0
- 3.) DESIGN PRESSURE RATING:

	*WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+60 PSF	+60 PSF
NEGATIVE	-60 PSF	-60 PSF

- 4.) ANCHORS:
 MAX. 6" FROM EACH CORNER
 MAX. SPACING AT HEAD & SILL: 11.000
 MAX. SPACING AT JAMBS: 16.000
- 5.) SHUTTER REQUIREMENT:
 NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORTS: FTL 1529 & 1534



3/16" TEMPERED
3/16" TEMPERED SENTRY
1/4" TEMPERED

NON-IMPACT WINDOWS

- 1.) GLAZING: 1/4" TEMPERED
- 2.) CONFIGURATIONS: 0
- 3.) DESIGN PRESSURE RATING:
 3a) +70 P.S.F., -70 P.S.F. (37" x 74")
 SEE COMPARATIVE ANALYSIS ON SHEET 7.
 3b) +65 P.S.F., -65 P.S.F. (120" x 60")
- 4.) ANCHORS:
 MAX. 6" FROM EACH CORNER
 MAX. SPACING AT HEAD & SILL: 11.000
 MAX. SPACING AT JAMBS: 16.000
- 5.) SHUTTER REQUIREMENT:
 SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REFERENCE TEST REPORTS: FTL 1537 & 1550

NON-IMPACT WINDOWS

- 1.) GLAZING:
 1a) 3/16 ANNEALED (37" x 74")
 1b) 3/16" TEMPERED (120" x 60")
- 2.) CONFIGURATIONS: 0
- 3.) DESIGN PRESSURE RATING:
 SEE COMPARATIVE ANALYSIS TABLES ON SHEET 5
- 4.) ANCHORS:
 SEE COMPARATIVE ANALYSIS TABLES ON SHEET 5
- 5.) SHUTTER REQUIREMENT:
 SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REFERENCE TEST REPORTS: FTL 1530 & 1532

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE APR 12 2001
 BY Manuel Perez
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0109.02

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

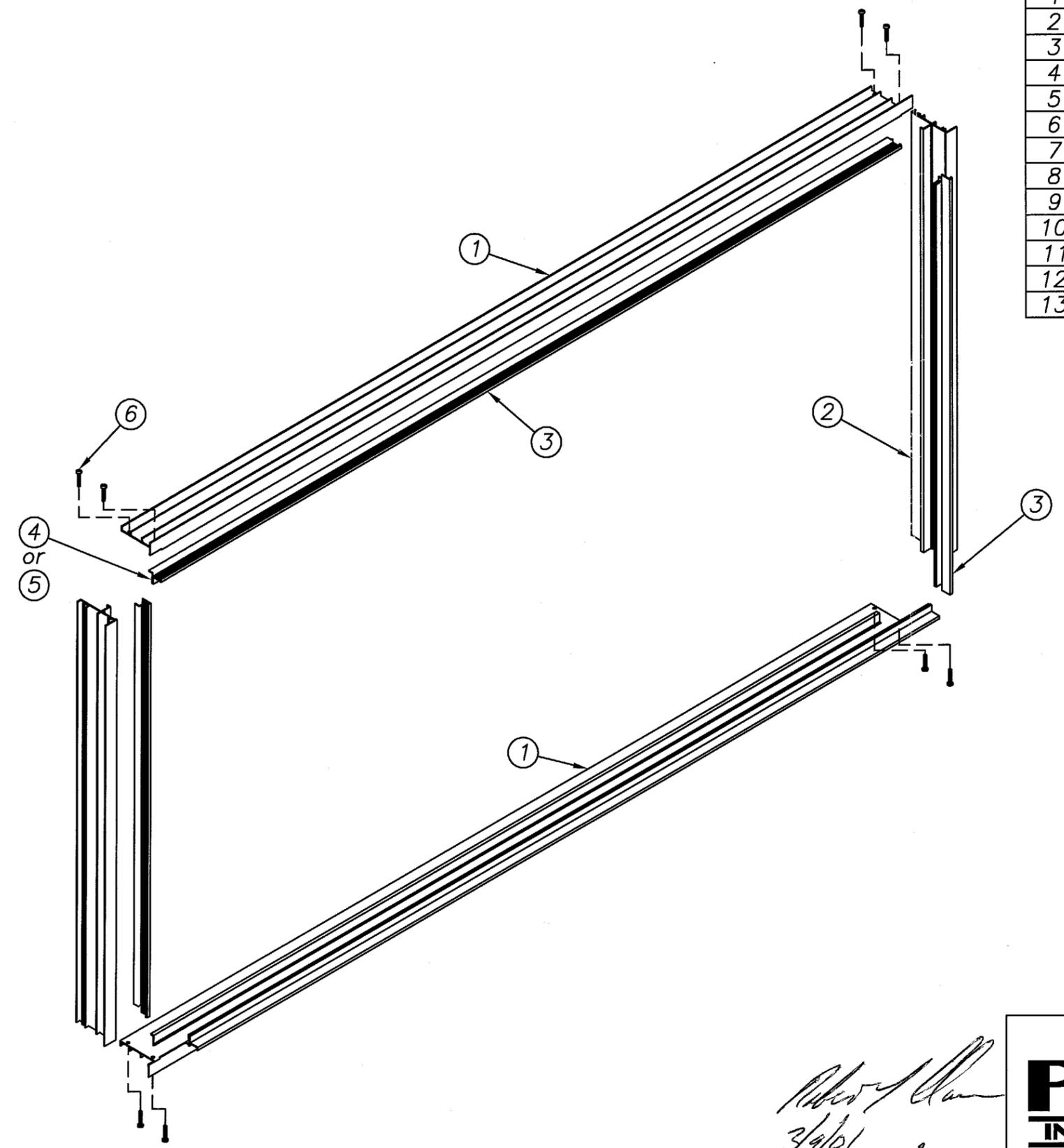


1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275

P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By: F.K.	Date: 1/4/01	Chkd By:	Date:	Revisions:
Drawn By: D.B.	Date: 2/19/97			
Description: FRONT VIEWS, ELEVATION				
Title: ALUMINUM FIXED WINDOWS				
Series/Model: PW-701	Scale: NTS	Sheet: 1 of 7	Drawing No. 4210	Rev: C

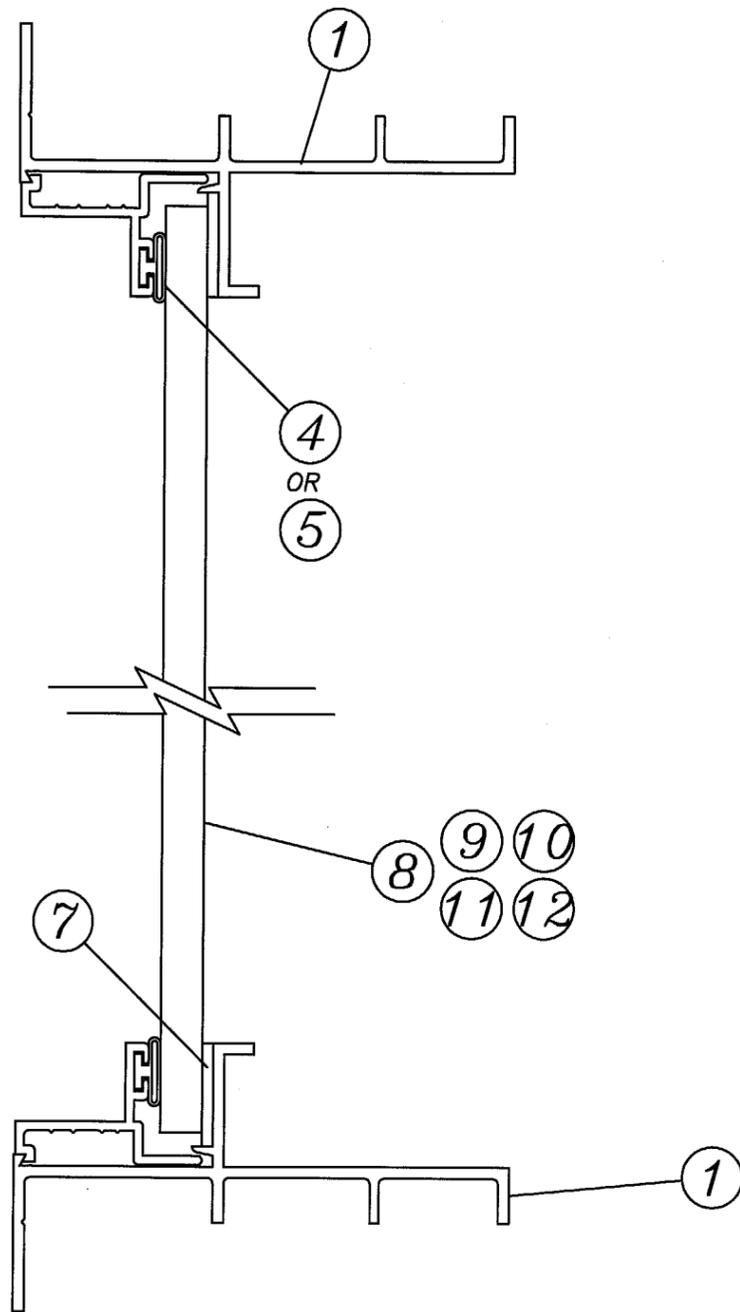
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1	612241	Frame Head & Sill	Alumax	AF-12241
2	612242	Frame Jambs	Alumax	AF-12242
3	612234	Glazing Bead (Snap-in)	Alumax	AF-12234
4	1224	Glazing Bead Bulb Gasket	Team Plastics	TP-247
5	1225	Glazing Bead Bulb Gasket	Team Plastics	TP-248
6	78X1PPA	#8 x 1.000 Phil. Pan Hd. SMS	Merchants Fasteners	
7	62899	Silicon Back bedding	Dow Corning	899
8		3/16" Annealed Glass	PPG, LOF	
9		3/16" Annealed Glass W\DuPont 457 Film	Lam. by ROMAG, VERICOM	
10		3/16" Temp. Glass	PPG, LOF	
11		3/16" Temp. Glass W\DuPont 457 Film	Lam. by ROMAG, VERICOM	
12		1/4" Temp. Glass	PPG, LOF	
13	6SM55W	Seam Sealer	Schnee-Morehead	SM5504



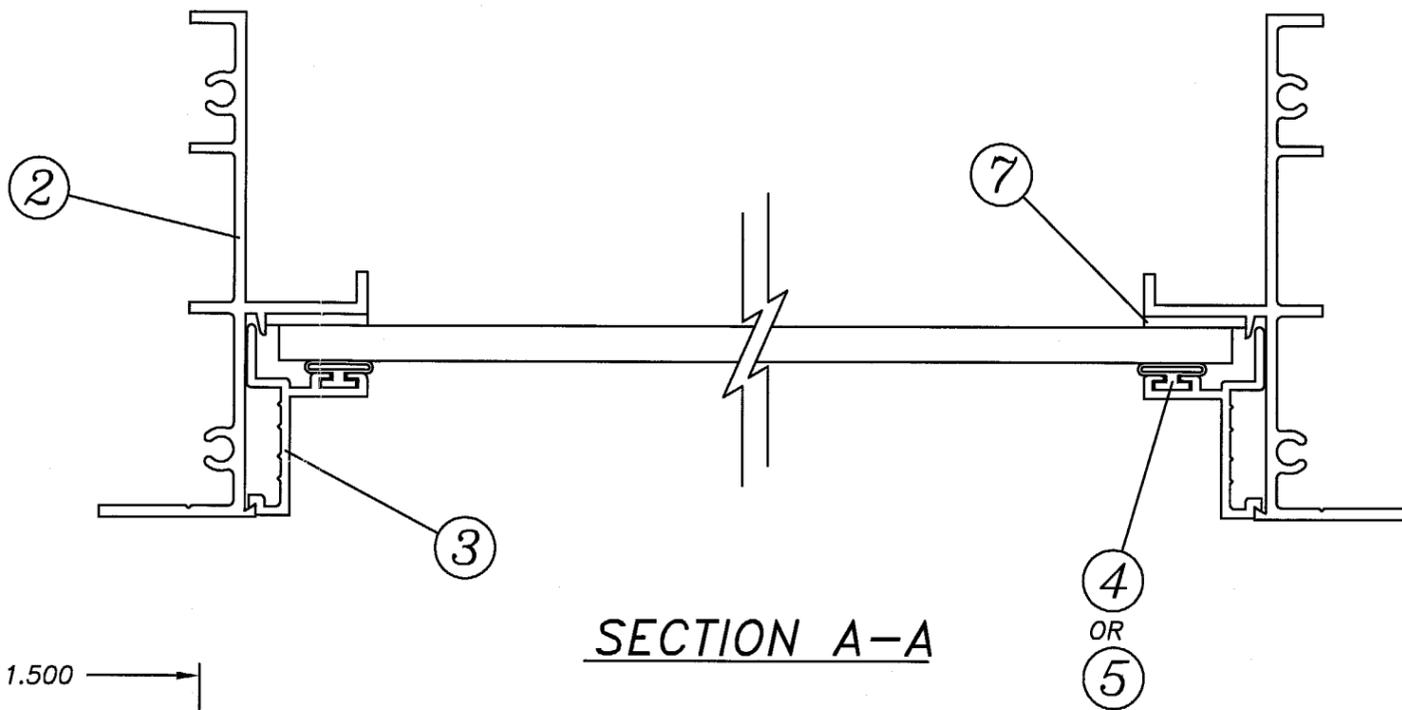
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE APR 12 2001
 BY Mmanuel Suez
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0109.02

Robert Clark
 3/9/01
 ROBERT CLARK
 39712

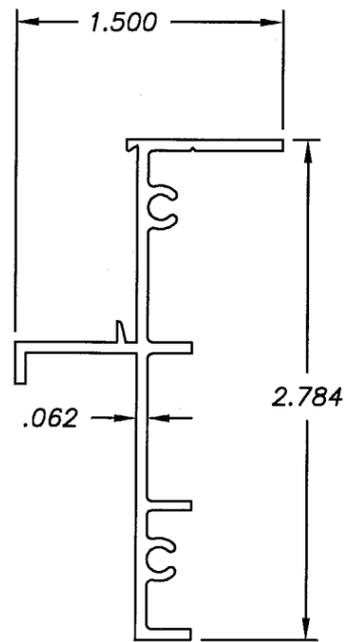
PGT INDUSTRIES	Revsd By: F.K.	Date: 1/4/01	Chkd By:	Date:	Revisions:
	Drawn By: D.B.	Date: 2/19/97			
Description: PICTURE WINDOW					
Title: ALUMINUM FIXED WINDOWS					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: PW-701	Scale: NTS	Sheet: 2 of 7	Drawing No. 4210
					Rev: C



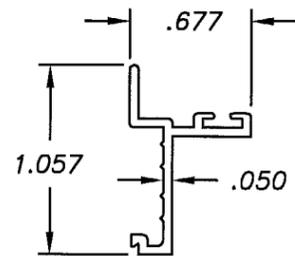
SECTION B-B



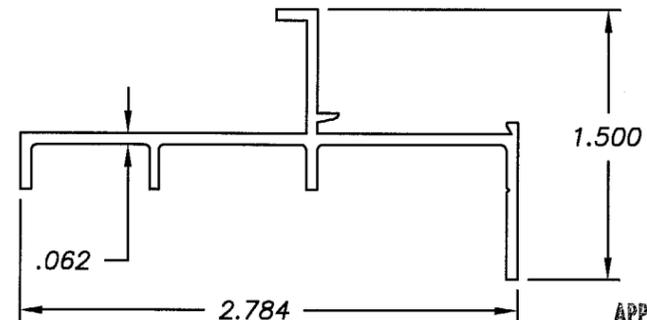
SECTION A-A



2 ALUM. 6063-T5



3 ALUM. 6063-T5



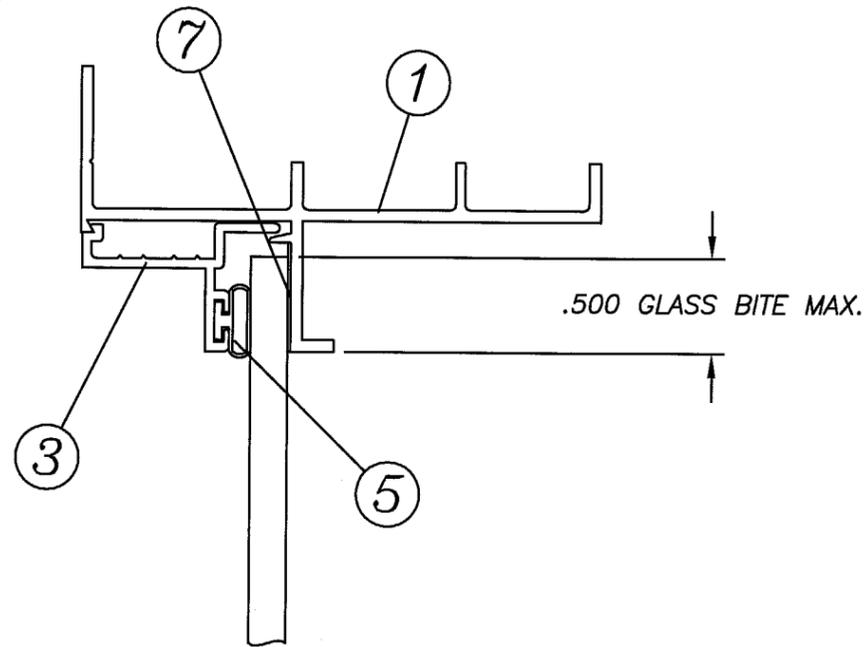
1 ALUM. 6063-T5

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **APR 12 2001**
BY *Manuel...*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0109.02

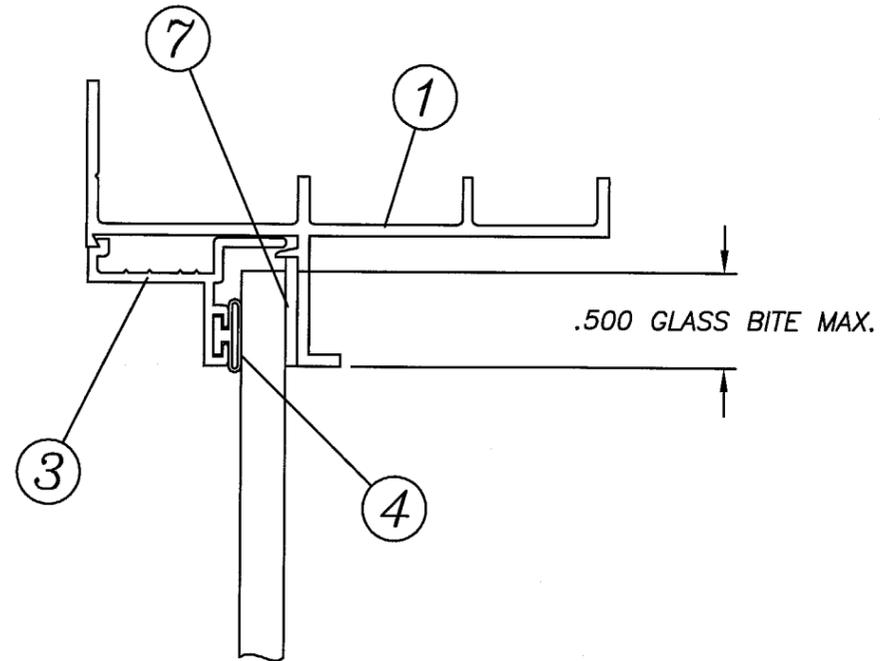
Robert...
3/4/01
ROBERT CLARK
39712



Revsd By: F.K.	Date: 1/4/01	Chkd By:	Date:	Revisions:
Drawn By: D.B.	Date: 1/21/97			
Description: SECTION VIEWS - HORIZ. & VERT.				
Title: ALUMINUM FIXED WINDOWS				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: PW-701	Scale: NTS	Sheet: 3 of 7
			Drawing No. 4210	Rev: C



3/16" TEMPERED GLASS
3/16" ANNEALED GLASS



3/16" W/DUPONT FILM
1/4" TEMPERED GLASS

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE APR 12 2001
 BY Manuel J. [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0109.02

Robert [Signature]
 3/9/01
 Robert [Signature]
 39712

		Revsd By: F.K. Date: 1/4/01	Chkd By: Date:	Revisions:
		Drawn By: D.B.	Date: 1/21/97	
Description: GLAZING OPTIONS				
Title: ALUMINUM FIXED WINDOWS				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: PW-701	Scale: NTS	Sheet: 4 of 7
			Drawing No. 4210	Rev: C

COMPARATIVE ANALYSIS FOR 3/16" ANNEALED GLASS

NOTE: Numbers in () parentheses are quantity of anchors per side.

Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.

Positive Design Loads based on Comparative Analysis and Water Test Pressure.

Window Heights	Window Widths															
	18.000	(2)	19.125	(2)	24.000	(2)	26.500	(2)	30.000	(2)	32.000	(3)	36.000	(3)	37.000	(3)
26.000 (2)	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00
38.375 (3)	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00	-69.00	69.00
50.625 (4)	-69.00	69.00	-69.00	69.00	-59.81	59.81	-55.98	55.98	-51.88	51.88	-50.04	50.04	-47.21	47.21	-46.65	46.65
63.000 (4)	-57.04	57.04	-54.25	54.25	-45.30	45.30	-42.06	42.06	-38.50	38.50	-36.86	36.86	-34.23	34.23	-33.67	33.67
74.000 (5)	-47.39	47.39	-44.99	44.99	-37.26	37.26	-34.44	34.44	-31.32	31.32	-29.87	29.87	-27.50	27.50	-27.00	27.00

Numbers above for #10 screws or 3/16" Tapcons.

Note: Anchors at 6" max. from each corner & 18" max. thereafter.

COMPARATIVE ANALYSIS FOR 3/16" TEMPERED GLASS

NOTE: Numbers in () parentheses are quantity of anchors per side.

Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.

Positive Design Loads based on Comparative Analysis and Water Test Pressure.

Window Heights	Window Widths																	
	19.125	(2)	26.500	(3)	37.000	(4)	53.125	(5)	60.000	(6)	72.000	(7)	84.000	(8)	96.000	(9)	120.000	(11)
26.000 (3)	-180.00	133.33	-180.00	133.33	-157.17	133.33	-137.48	133.33	-132.31	132.31	-125.64	125.64	-120.88	120.88	-117.31	117.31	-112.31	112.31
38.375 (4)	-180.00	133.33	-153.11	133.33	-127.41	127.41	-107.72	107.72	-102.54	102.54	-95.87	95.87	-91.11	91.11	-87.54	87.54	-82.54	82.54
50.625 (5)	-172.90	133.33	-137.97	133.33	-112.27	112.27	-92.58	92.58	-87.41	87.41	-80.74	80.74	-75.98	75.98	-72.41	72.41	-67.41	67.41
63.000 (6)	-165.49	133.33	-130.57	130.57	-104.86	104.86	-85.18	85.18	-80.00	80.00	-73.33	73.33	-68.57	68.57	-65.00	65.00	-60.00	60.00

Numbers above for #10 screws or 3/16" Tapcons.

Note: Anchors at 6" max. from each corner & 11" max. thereafter.

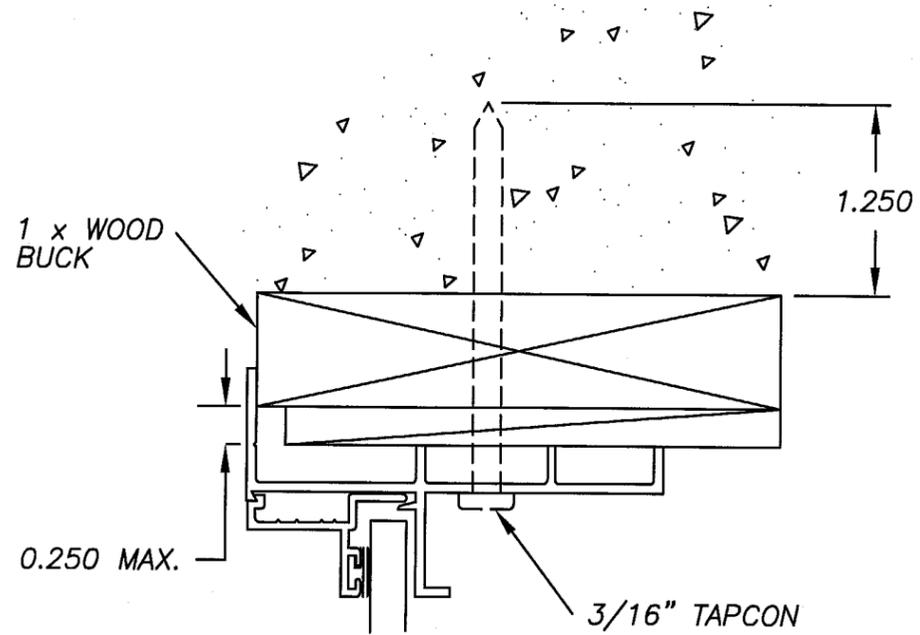
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APR 12 2001
BY Maurice Perry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0109.02

REFERENCE TEST REPORTS: FTL 1530 & 1532

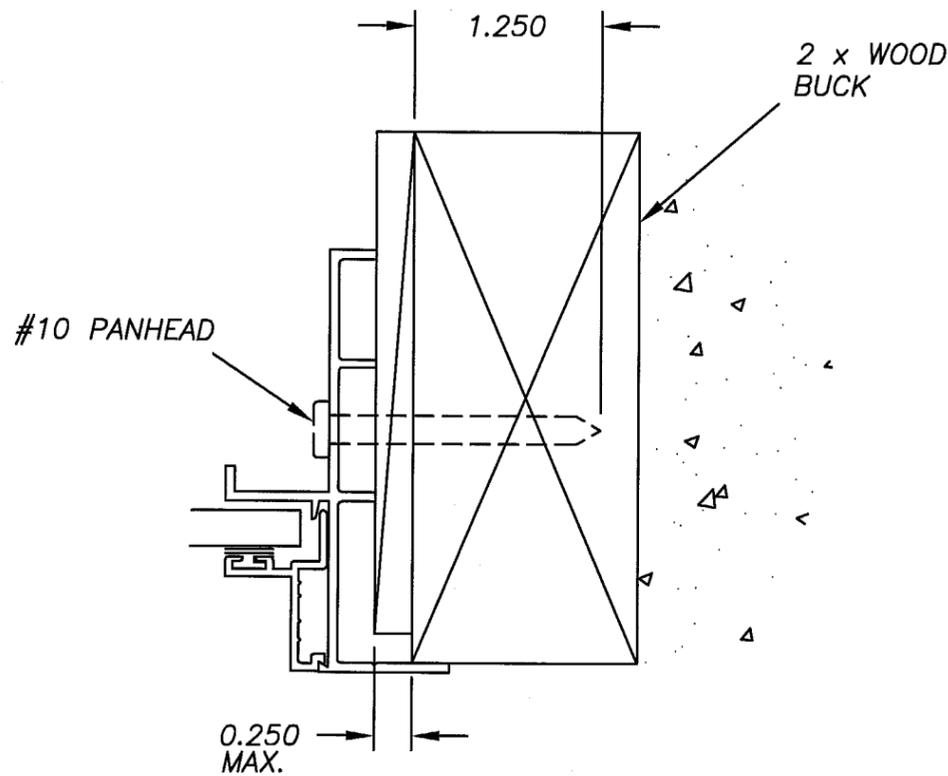
Robert L. Clark
4/4/01
Robert L. Clark, P.E.
P.E. #39712
Structural



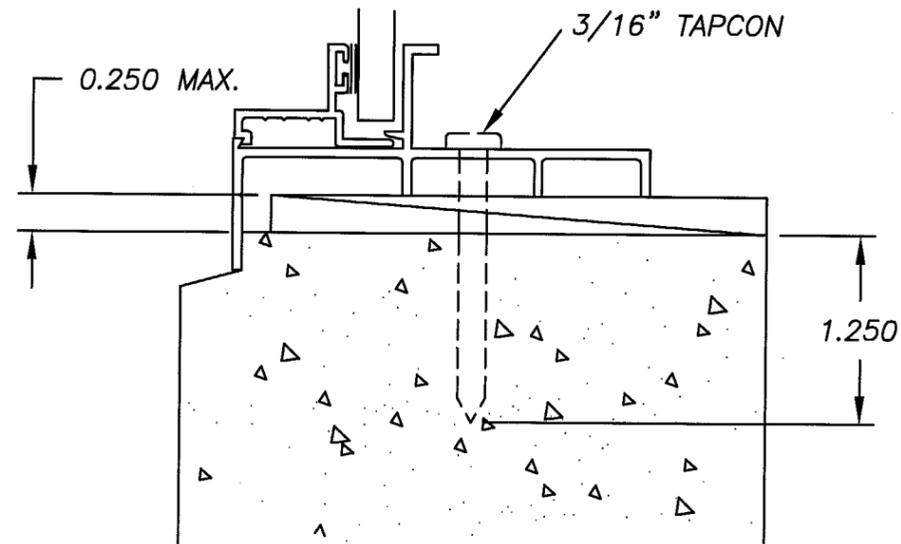
Revsd By: F.K.	Date: 1/4/01	Chkd By:	Date:	Revisions:
Drawn By: D.B.	Date: 2/20/97			
Description: COMPARATIVE ANALYSIS, NON-IMPACT PW				
Title: ALUMINUM FIXED WINDOWS				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: PW-701	Scale: NTS	Sheet: 5 of 7
			Drawing No. 4210	Rev: C



TYP. HEAD, SILL JAMB



TYP. HEAD, SILL JAMB



TYP. SILL

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE APR 12 2001
 BY Manuel Perez
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0109.02

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



Revsd By: F.K.	Date: 1/4/01	Chkd By:	Date:	Revisions:
Drawn By: D.B.	Date: 2/19/97			
Description: TYPICAL PICTURE WINDOW ANCHORAGE				
Title: ALUMINUM FIXED WINDOWS				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: PW-701	Scale: NTS	Sheet: 6 of 7
		Drawing No. 4210		Rev: C

COMPARATIVE ANALYSIS FOR 1/4" TEMPERED GLASS

NOTE: Numbers in () parentheses are quantity of anchors per side.

Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.

Positive Design Loads based on Comparative Analysis and Water Test Pressure.

Window Heights	Window Widths															
	18.000	(2)	19.125	(2)	24.000	(2)	26.500	(2)	30.000	(2)	32.000	(3)	36.000	(3)	37.000	(3)
26.000 (2)	-162.34	133.33	-156.69	133.33	-138.35	133.33	-131.57	131.57	-122.86	122.86	-120.37	120.37	-114.37	114.37	-113.08	113.08
38.375 (3)	-140.92	133.33	-135.28	133.33	-116.94	116.94	-110.15	110.15	-102.55	102.55	-98.95	98.95	-92.96	92.96	-91.66	91.66
50.625 (4)	-130.03	130.03	-124.39	124.39	-106.05	106.05	-99.26	99.26	-91.66	91.66	-88.07	88.07	-82.07	82.07	-80.77	80.77
63.000 (4)	-123.33	123.33	-117.69	117.69	-95.07	95.07	-86.10	86.10	-76.06	76.06	-81.37	81.37	-73.94	73.94	-71.94	71.94
74.000 (5)	-119.26	119.26	-113.62	113.62	-94.43	94.43	-85.52	85.52	-75.54	75.54	-77.29	77.29	-71.30	71.30	-70.00	70.00

Numbers above for #10 screws or 3/16" Tapcons.

Note: Anchors at 6" max. from each corner & 18" max. thereafter.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APR 12 2001
BY Mannick Perry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0109.02

REFERENCE TEST REPORTS: FTL 1537 & 1550


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

	Revsd By: F.K.	Date: 1/4/01	Chkd By:	Date:	Revisions:
	Drawn By: D.B.	Date: 1/22/98			
Description: COMPARATIVE ANALYSIS, NON-IMPACT PW					
Title: ALUMINUM FIXED WINDOWS					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: PW-701	Scale: NTS	Sheet: 7 of 7	Drawing No. 4210
					Rev: C