



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:

Aluminum Casement Window 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.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 01-1108.07
EXPIRES: 01/28/2007

**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: 12/27/2001



APPROVED: December 27, 2001

EXPIRES: January 28, 2007

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This **revises** and **renews** Notice of Acceptance (NOA) No. **00-0804.03**, which was issued on December 7, 2000. It revises and renews the approval of an aluminum casement window, as described in Section 2 of this NOA, 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 **"C-700" Outswing Aluminum Casement Window – Impact Resistant** and its components shall be constructed in strict compliance with the following document: Drawing No **339**, Sheets 1 through 5 of 5, titled "Aluminum Casement Impact Window," prepared by manufacturer, dated 2/13/98 and revised on 11/6/01, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division. This document 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.

4. INSTALLATION

4.1 The aluminum casement window and its components shall be installed in strict compliance with the approved drawings.

4.2 The installation of this product **will not require** a hurricane protection system.

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".

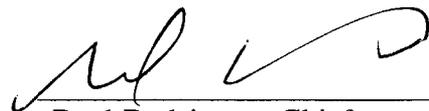
6. BUILDING PERMIT REQUIREMENTS

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.



Raul Rodriguez, Chief
Product Control Division

PGT Industries.

ACCEPTANCE No.: 01-1108.07

APPROVED: December 27, 2001

EXPIRES: January 28, 2007

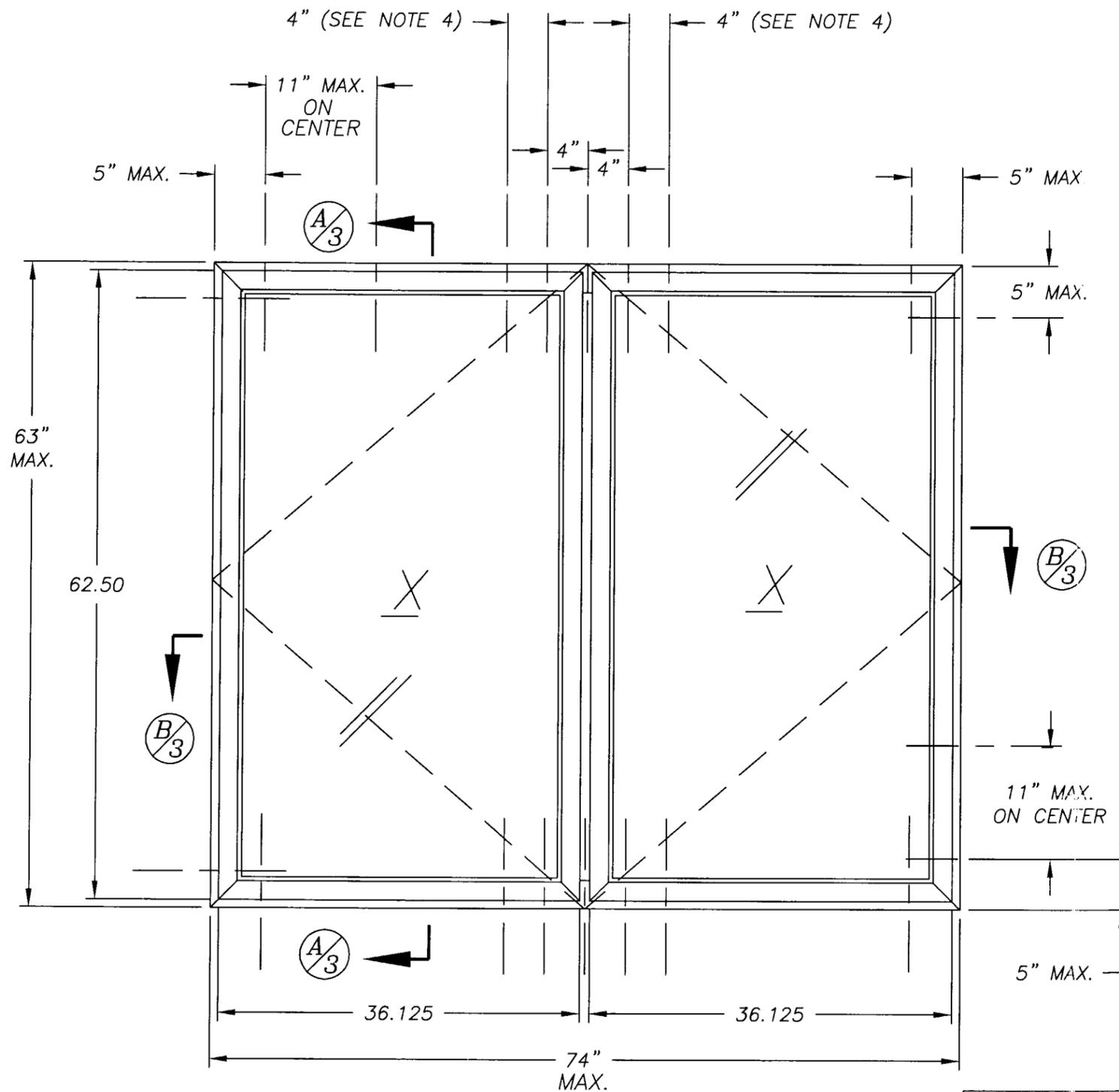
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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 Miami-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 time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE



Raul Rodriguez, Chief
Product Control Division



LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING OPTIONS: 5/16" (.350) LAMINATED GLASS W/ MONSANTO SAFLEX OR DUPONT PVB W/BUTACITE INTERLAYER.
 - A. 1/8" HEAT STRENGTHENED GLASS, .090 INTERLAYER, 1/8" HEAT STRENGTHENED GLASS
 - B. 1/8" ANNEALED GLASS, .090 INTERLAYER, 1/8" ANNEALED GLASS
- 2.) CONFIGURATIONS: XX
- 3.) DESIGN PRESSURE RATING:
 - A. FOR GLASS OPTION A (HEAT STRENGTHED) ALL SIZES ARE +/- 75 P.S.F.
 - B. FOR GLASS OPTION B (ANNEALED) SEE TABLE.
- 4.) ANCHORS:
 - MAX. 5" FROM EACH CORNER
 - #10 SCREWS - 2 ANCHORS 4" APART, 4" FROM EACH MEETING RAIL
 - 3/16" TAPCONS - 1 ANCHOR, 4" FROM EACH MEETING RAIL
 - MAX. SPACING AT HEAD & SILL: 11"
 - MAX. SPACING AT JAMBS: 11"
- 5.) SHUTTER REQUIREMENT: NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORT: FTL-2246

GLASS OPTION B DESIGN PRESSURE RATING (P.S.F.)						
WINDOW WIDTH	WINDOW HEIGHT					
	50.625		56.000		63.000	
	NEG.	POS.	NEG.	POS.	NEG.	POS.
64.000	-75.0	75.0	-75.0	75.0	-75.0	75.0
66.000	-75.0	75.0	-75.0	75.0	-74.2	74.2
72.000	-75.0	75.0	-72.8	72.8	-65.2	65.2
74.000	-75.0	75.0	-70.2	70.2	-62.7	62.7

ALL SMALLER SIZES NOT SHOWN ARE +/- 75 P.S.F.

SEE SHEET 4 OF 5 FOR SECTIONS & GLAZING OPTION DETAILS

Robert L. Clark
11/6/01
Robert L. Clark, P.E.
PE #39712
Structural

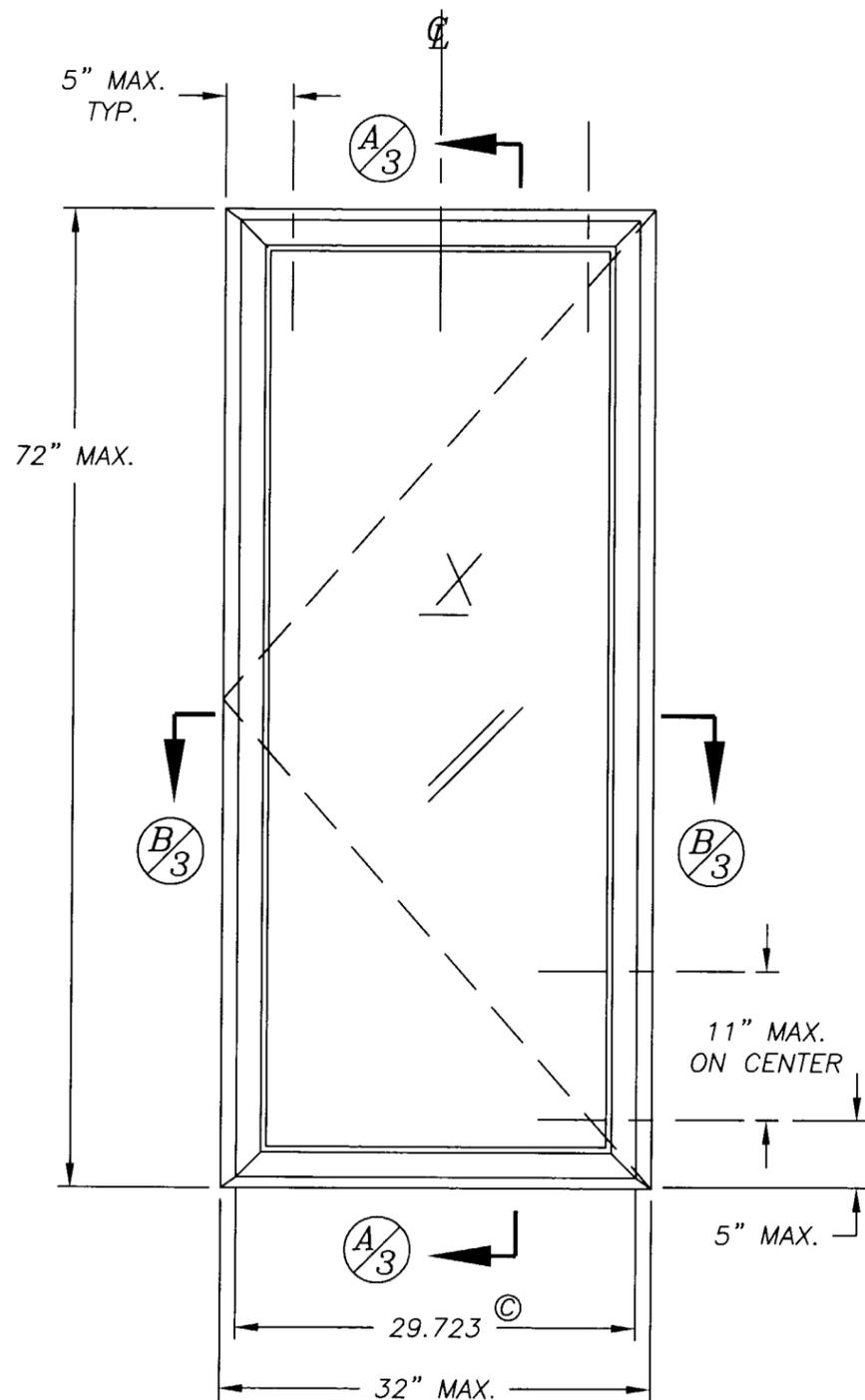


1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 11/6/01	Revisions: ADD SHT & TABLES
Revsd By: F.K.	Date: 7/30/01	Revisions: TB & EXTR.
Drawn By: D.B.	Date: 2/13/98	

Description: ELEVATION "XX" CONFIG.				
Title: ALUMINUM CASEMENT IMPACT WINDOW				
Series/Model: C-700	Scale: NTS	Sheet: 1 of 5	Drawing No. 339	Rev: E

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE: December 27, 2001
BY: *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-1108.01



SEE SHEET 4 OF 5 FOR SECTIONS & GLAZING OPTION DETAILS

LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING OPTIONS: 5/16" (.350) LAMINATED GLASS W/ MONSANTO SAFLEX OR DUPONT PVB W/BUTACITE INTERLAYER.
 - A. 1/8" HEAT STRENGTHENED GLASS, .090 INTERLAYER, 1/8" HEAT STRENGTHENED GLASS
 - B. 1/8" ANNEALED GLASS, .090 INTERLAYER, 1/8" ANNEALED GLASS
- 2.) CONFIGURATIONS: X
- 3.) DESIGN PRESSURE RATING:
 - A. FOR GLASS OPTION A (HEAT STRENGTHED) ALL SIZES ARE +/- 75 P.S.F.
 - B. FOR GLASS OPTION B (ANNEALED) SEE TABLE.
- 4.) ANCHORS:
 - MAX. 5" FROM EACH CORNER
 - MAX. SPACING AT HEAD & SILL: 11"
 - MAX. SPACING AT JAMBS: 11"
- 5.) SHUTTER REQUIREMENT: NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORT: FTL-2246

GLASS OPTION B DESIGN PRESSURE RATING (P.S.F.)						
WINDOW WIDTH	WINDOW HEIGHT					
	68.000		70.000		72.000	
	NEG.	POS.	NEG.	POS.	NEG.	POS.
28.000	-75.0	75.0	-75.0	75.0	-75.0	75.0
32.000	-75.0	75.0	-74.5	74.5	-72.5	72.5

ALL SMALLER SIZES NOT SHOWN ARE +/- 75 P.S.F.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE December 27, 2001
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-1108-07

[Signature]
11/6/01

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



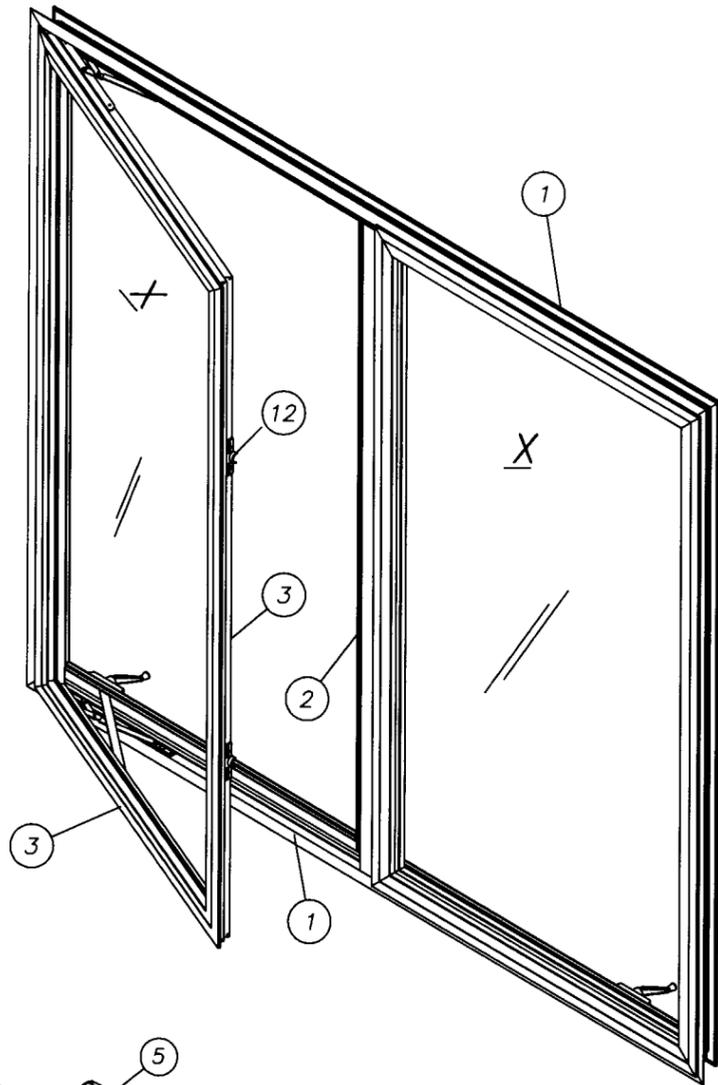
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By: F.K.	Date: 11/6/01	Revisions: ADD SHT & TABLES
Revsd By: F.K.	Date: 7/30/01	Revisions: TB & EXTR.
Drawn By: D.B.	Date: 2/13/98	

Description: ELEVATION "X" CONFIG.

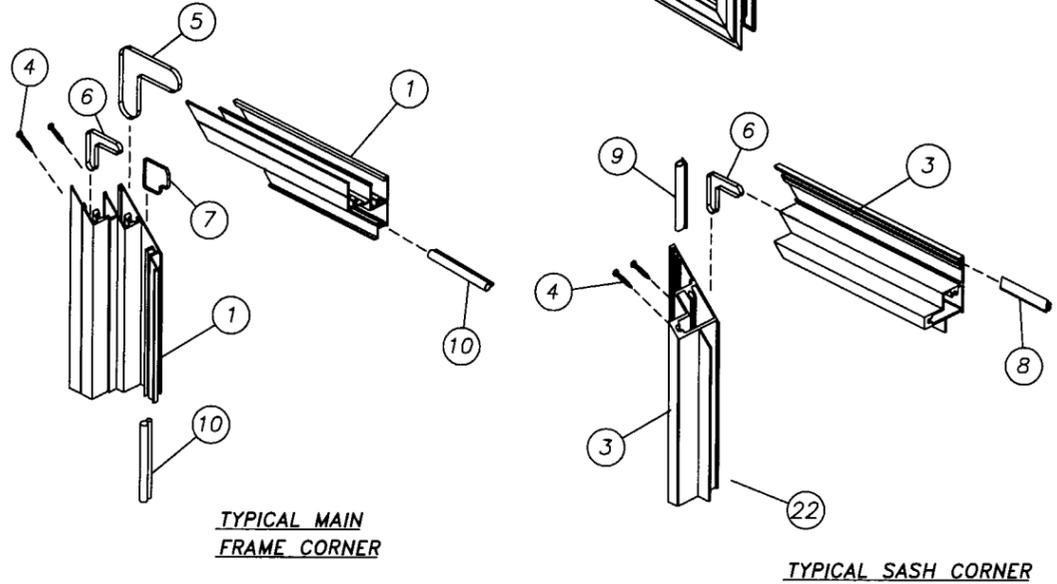
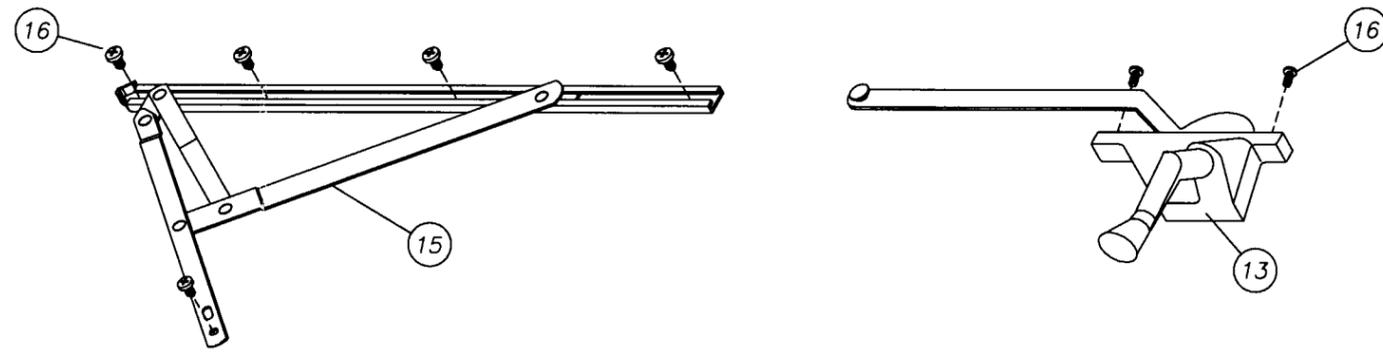
Title: ALUMINUM CASEMENT IMPACT WINDOW

Series/Model: C-700	Scale: NTS	Sheet: 2 of 5	Drawing No. 339	Rev: E
---------------------	------------	---------------	-----------------	--------



ITEM	PGT #	DESCRIPTION	QTY.	LOCATION	VENDOR	VENDOR #
1	60228	FRAME HEAD, SILL, JAMB	4 (4)		INDAL	GAS-44451
2	69999	FRAME MEETING RAIL	1 (0)		ALUMAX	GAH-44207
3	644588	SASH HEAD, SILL, JAMB (IMPACT)	8 (4)		INDAL	GAS-44588
4	781PQA	8x1 SCREW PAN HD. QUAD.	24 (16)	(main frame/sash assy. screws)	FASTEC IND.	
5	7CORNMLG	LG. MAIN FRM, CORNER KEY	4 (4)		PRECISION FAB.	
6	7CORNMSM	SM. MAIN FRM/SASH CORNER KEY	12 (8)		PRECISION FAB.	
7	40712	PLASTIC MAIN FRM. CORNER KEY	4 (4)		VINYL-TECH. / PGT	
8	6Q200K	W.STRIP, .190 x .200 QLON	1 (2)	(in vent top rail)	SCHLEGEL CORP.	Q200x190
9	6Q150K	W.STRIP, .190 x .150 QLON	6 (3)	(at vent bottom & side rails)	SCHLEGEL CORP.	Q150x190
10	6FRMBK	MAIN FRAME BULB WEATHERSTRIP	4 (4)	(in main frame)	PROTOTYPE PLASTICS	FP-176 BLACK
11	49004	SASH LOCK	2 (2)	(l.h. fr. jamb, 12" from ends)	VINYL-TECH. / PGT	49004
12	7KEEP	SASH LOCK KEEPER	2 (2)	(vent mtg rail, 12" from ends)	TRUTH HARDWARE	208000
13	7CAOR/L	CASEMENT OPER. RT/LEFT	2 (1)	(@ lower right frame corner)	TRUTH HARDWARE	23-19-23-002
14	7TRAK	OPERATOR GUIDE TRACK	2 (1)	(1 per operator)	TRUTH HARDWARE	30175
15	7CEHG	STANDARD HINGE	2 (1)	(@ right frame corners)	TRUTH HARDWARE	35.10.00.101
16	710516PPA	10x5/16 SCREW PAN HD. PHIL	12 (6)	(operator/hinge/trak screws)	MERCHANTS FASTENER	
17		5/16" (.350) W/MONSANTO INTERLAYER	2 (1)		H.P.G.	
18		5/16" (.350) W/DUPONT INTERLAYER	2 (1)		H.P.G.	
19	6536168	EXTRUDED GLAZING BEAD, 5/16	8 (4)		ALUMAX	536168
20	62899C	SILICONE			DOW CORNING	899
21	6SM55W	SEAM SEALER			SCHNEE-MOREHEAD	SM5504
22	6TP248	VINY. BULB WEATHERSTRIP	8 (4)		TEAM PLASTICS	TP-248

NOTE: QTY'S IN BRACKETS ARE FOR X CONFIGURATION



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE December 27, 2001
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-1108.07

[Signature]
 11/6/01
 Robert L. Clark, P.E.
 PE #39712
 Structural

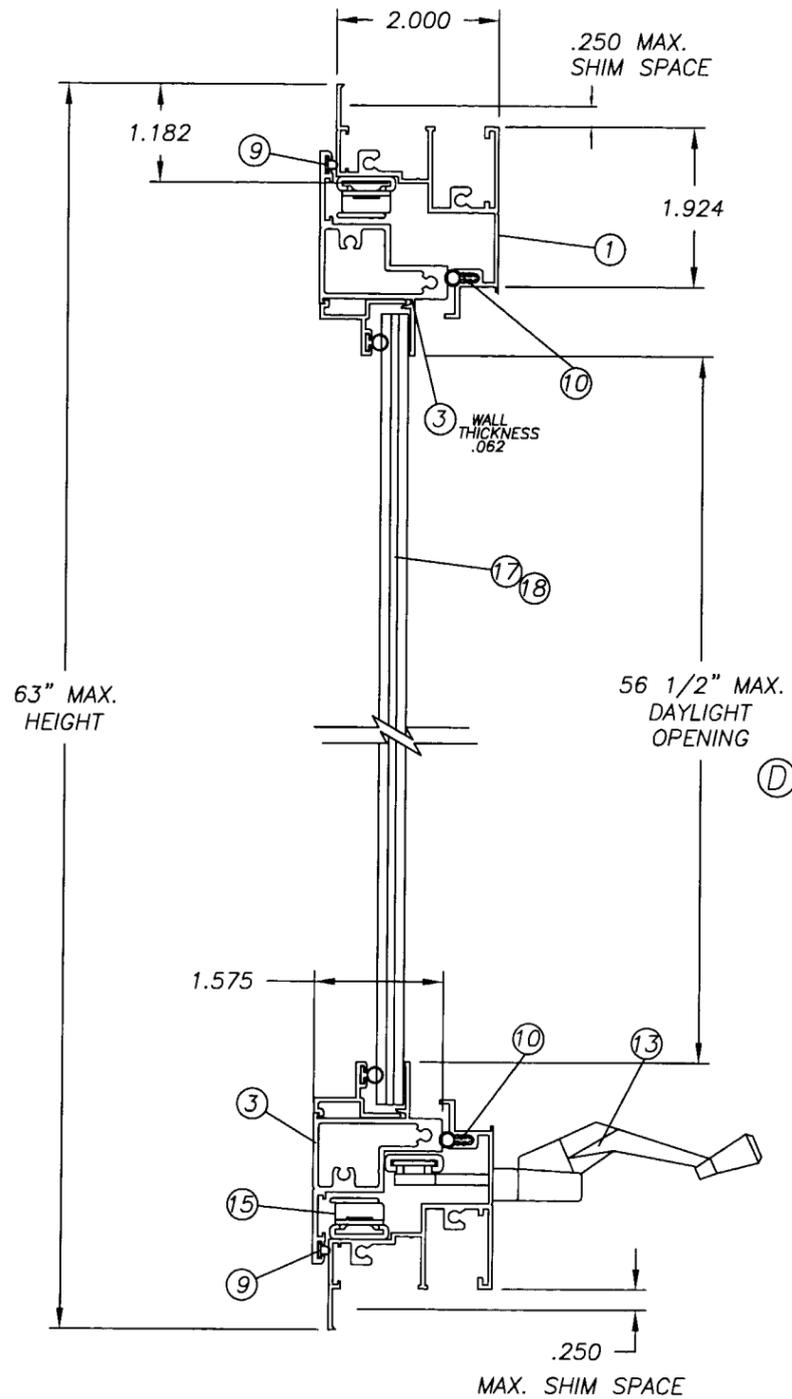


1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

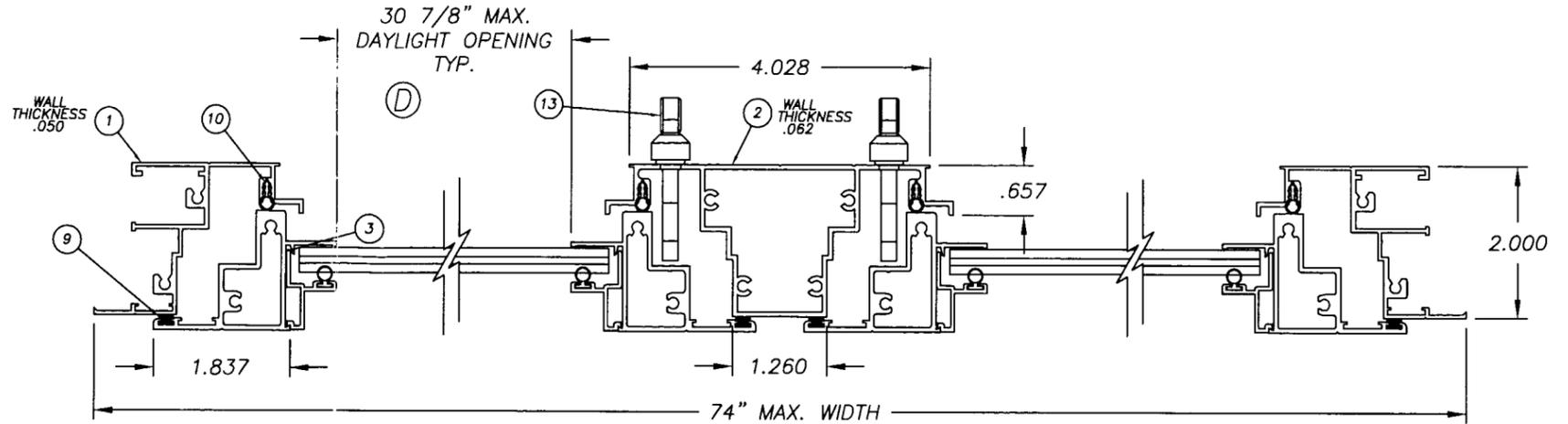
Revsd By: F.K.	Date: 11/6/01	Revisions: SHT NO.
Revsd By: F.K.	Date: 7/30/01	Revisions: TB & PGT P/Ns
Drawn By: D.B.	Date: 2/13/98	

Description: PARTS LIST			
Title: ALUMINUM CASEMENT IMPACT WINDOW			
Series/Model: C-700	Scale: NTS	Sheet: 3 of 5	Drawing No. 339
			Rev: E

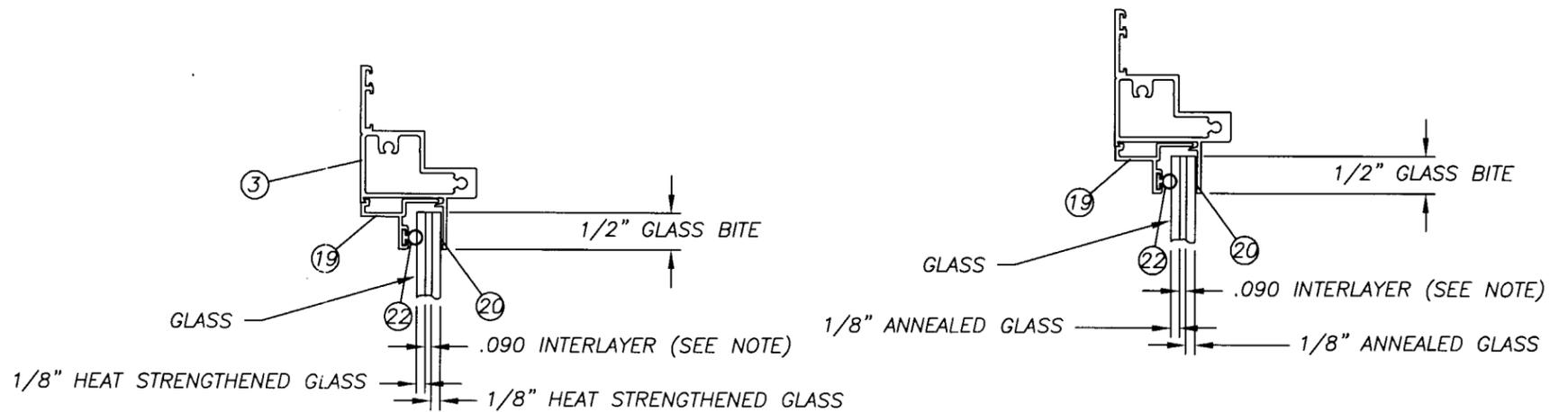
REFERENCE TEST REPORT: FTL-2246



SECTION A-A



SECTION B-B



NOTE: INTERLAYER IS .090 MONSANTO SAFLEX OR DUPONT W/BUTACITE

GLAZING OPTIONS: 5/16" (.350) LAMINATED GLASS

REFERENCE TEST REPORT: FTL-2246

[Signature]
11/6/01

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

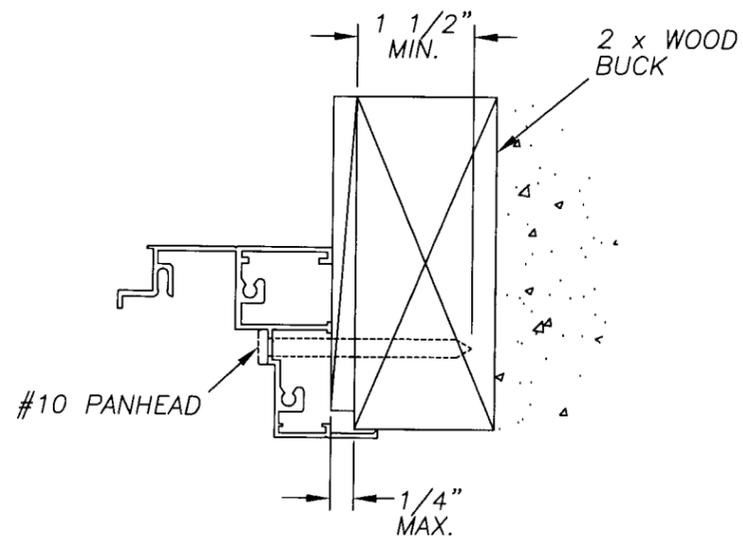


1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

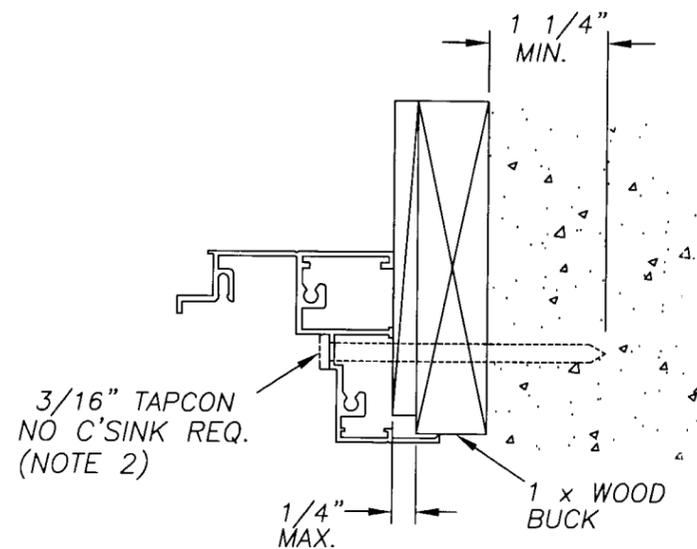
Revsd By: F.K.	Date: 11/6/01	Revisions: GLAZING DET.
Revsd By: F.K.	Date: 7/30/01	Revisions: TB & MAX. DIM.
Drawn By: D.B.	Date: 2/13/98	

Description: SECTIONS & GLAZING DETAILS			
Title: ALUMINUM CASEMENT IMPACT WINDOW			
Series/Model: C-700	Scale: NTS	Sheet: 4 of 5	Drawing No. 339
			Rev: E

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE December 27, 2001
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-1108.07



TYP. HEAD, SILL JAMB



TYP. HEAD, SILL JAMB

NOTE: 1. REFERENCE TEST REPORT FTL-2246 & COMP. ANALYSIS SHEETS FOR ANCHOR SPACING & STARTING POINTS.
 2. USE MIAMI-DADE COUNTY APPROVED TAPCONS.

Robert L. Clark
 11/6/01
 Robert L. Clark, P.E.
 PE #39712
 Structural



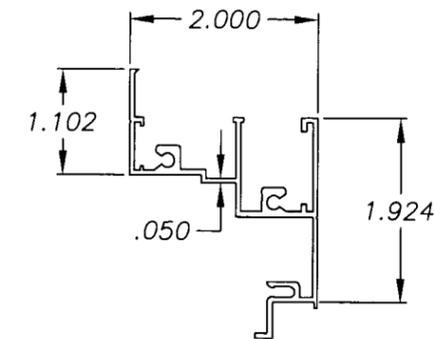
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By: F.K.	Date: 11/6/01	Revisions: RMV ALT. ANCH.
Revsd By: F.K.	Date: 7/30/01	Revisions: TB & EXTR.
Drawn By: D.B.	Date: 2/13/98	

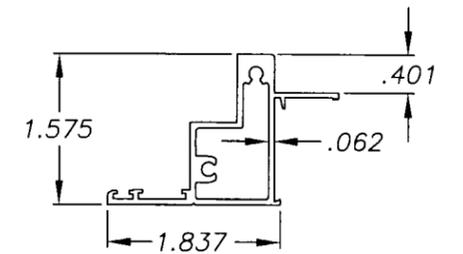
Description:
 ANCHORAGE & EXTRUSION PROFILES

Title:
 ALUMINUM CASEMENT IMPACT WINDOW

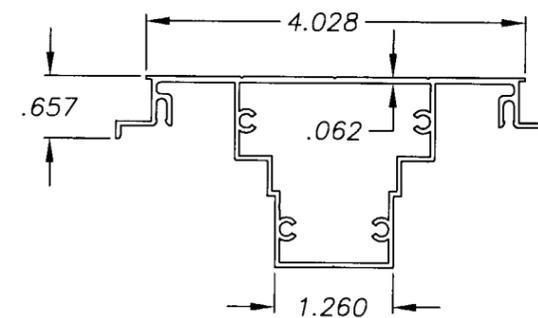
Series/Model: C-700	Scale: NTS	Sheet: 5 of 5	Drawing No. 339	Rev: E
------------------------	---------------	------------------	--------------------	-----------



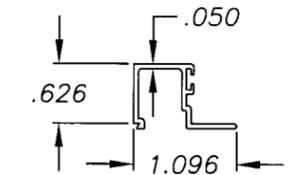
① MAIN FRAME
 6063-T5 ALUM.



③ SASH FRAME, IMPACT
 6063-T5 ALUM.



② FRAME MEETING RAIL
 6063-T5 ALUM.



④ GLAZING BEAD, 5/16
 6063-T5 ALUM.

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE December 27, 2001
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-1108.01