



**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)

**PGT Industries
P.O. Box 1529
Nokomis, FL 34274**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "PW-701" Aluminum Fixed Window-Impact

APPROVAL DOCUMENT: Drawing No. 4214, titled "Aluminum Fixed Impact Window", sheets 1 through 4 of 4, prepared by manufacturer dated 02-16-98 and last revised on 09-09-02, signed and sealed by Robert L.Clark, 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 Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA # 99-0218.01 and, consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

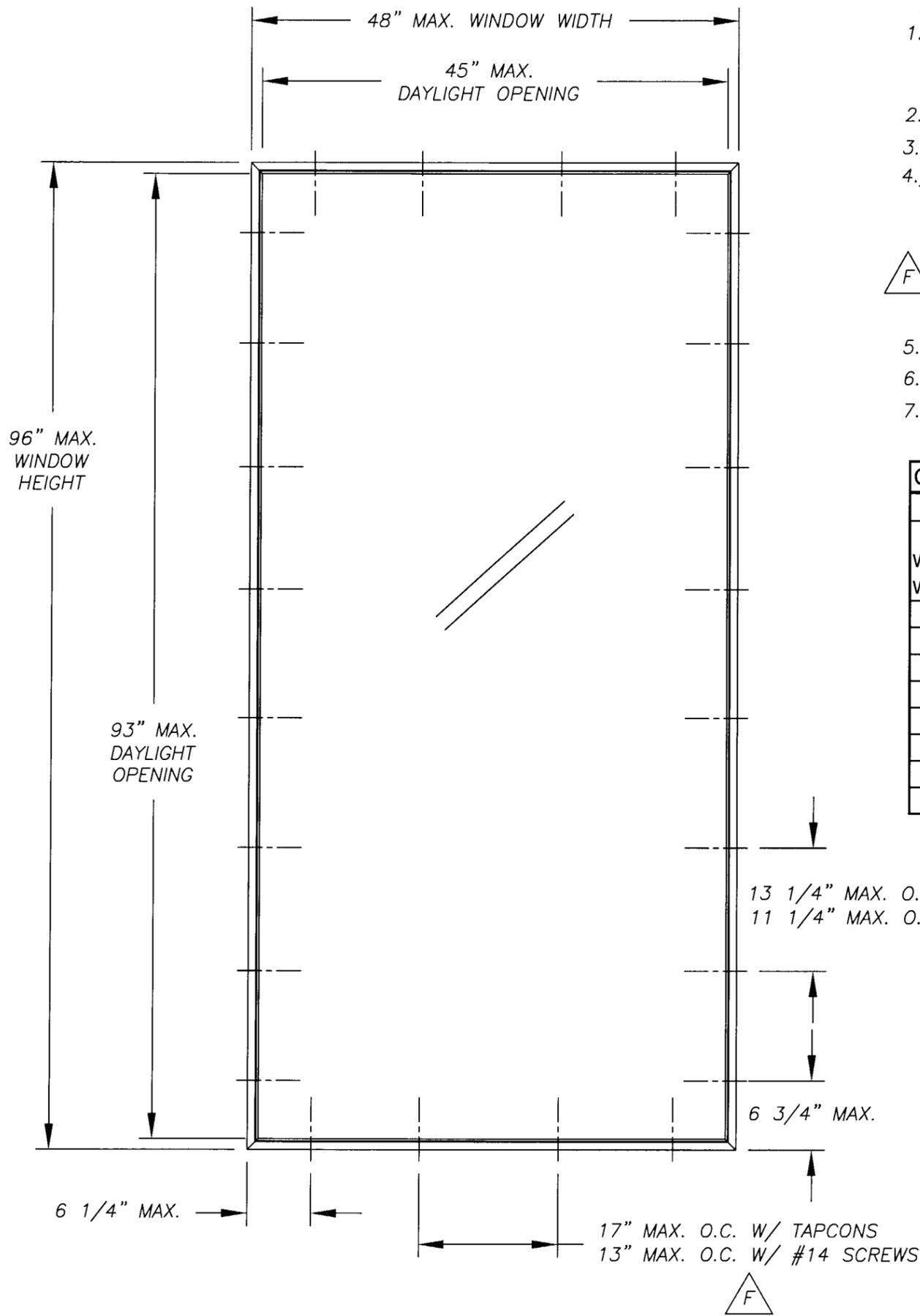


**NOA No 02-0716.03
Expiration Date: October 03, 2007
Approval Date: October 03, 2002
Page 1**

LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING DETAIL:
7/16" (.454) LAMINATED GLASS CONSISTING OF 3/16" HEAT STRENGTHENED GLASS WITH AN .090 INTERLAYER OF SAFLEX PVB BY SOLUTIA OR DUPONT WITH BUTACITE AND 3/16" HEAT STRENGTHENED GLASS.
- 2.) CONFIGURATIONS: "O"
- 3.) DESIGN PRESSURE RATING: SEE TABLE 1.
- 4.) ANCHORAGE: (SEE EMBEDMENT DETAIL SHT. 4 OF 4)
MAX. 6 1/4" FROM EACH CORNER (HEAD & SILL)
MAX. 6 3/4" FROM EACH CORNER (JAMBS)
MAX. O.C. AT HEAD & SILL = 17" W/ 1/4" TAPCONS
MAX. O.C. AT HEAD & SILL = 13" W/ #14 SCREWS
MAX. O.C. AT JAMBS = 13 1/4" W/ 1/4" TAPCONS
MAX. O.C. AT JAMBS = 11 1/4" W/ #14 SCREWS
- 5.) SHUTTER REQUIREMENT: NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORT: FTL-1971
- 7.) INSTALLATION OF 1x OR 2x BUCK TO THE SUBSTRATE TO BE ENGINEERED SEPARATELY AND TO BE REVIEWED BY BUILDING OFFICE.

COMPARATIVE ANALYSIS TABLE 1.												FTL-1971	
DESIGN PRESSURE RATING FOR GLASS TYPE - 7/16" LAMINATED (3/16"HS,.090",3/16"HS)													
WINDOW WIDTH	WINDOW HEIGHT												
	76.000		78.000		80.000		84.000		90.000		96.000		
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	
41.000	-90.0	90.0	-90.0	90.0	-90.0	90.0	-90.0	90.0	-90.0	90.0	-90.0	90.0	
42.000	-90.0	90.0	-90.0	90.0	-90.0	90.0	-90.0	90.0	-90.0	90.0	-89.3	89.3	
43.000	-90.0	90.0	-90.0	90.0	-90.0	90.0	-90.0	90.0	-89.7	89.7	-86.5	86.5	
44.000	-90.0	90.0	-90.0	90.0	-90.0	90.0	-90.0	90.0	-87.3	87.3	-84.0	84.0	
45.000	-90.0	90.0	-90.0	90.0	-90.0	90.0	-88.1	88.1	-85.2	85.2	-81.8	81.8	
46.000	-90.0	90.0	-90.0	90.0	-90.0	90.0	-86.7	86.7	-83.3	83.3	-79.8	79.8	
47.000	-90.0	90.0	-90.0	90.0	-87.8	87.8	-85.2	85.2	-81.6	81.6	-77.3	77.3	
48.000	-90.0	90.0	-87.9	87.9	-86.3	86.3	-83.6	83.6	-79.9	79.9	-74.8	74.8	




 9/9/02
 Robert L. Clark, P.E.
 PE #39712
 Structural

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

Revsd By: F.K.	Date: 9/9/02	Revisions: F-REVISE ANCHORS SPACING
Revsd By: F.K.	Date: 8/13/02	Revisions: E-REVISE ANCHORS & NOTES
Revsd By: F.K.	Date: 7/10/02	Revisions: D-REMOVE TEMPER OPT
Revsd By: F.K.	Date: 5/9/02	Revisions: C-ADD COMP. ANAL.TABLE
Revsd By: F.K.	Date: 11/6/01	Revisions: B-TB & ADD EXTR.
Revsd By: D.B.	Date: 1/29/99	Revisions:
Drawn By: D.B.	Date: 2/16/98	

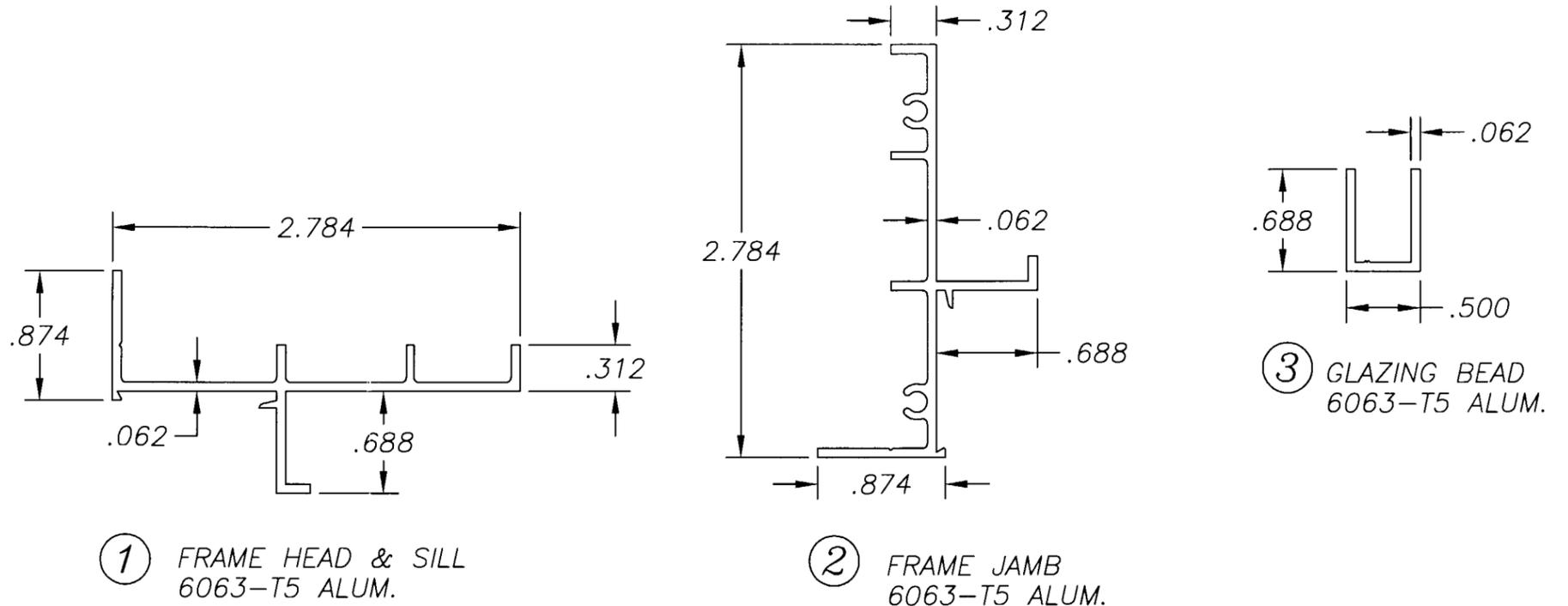
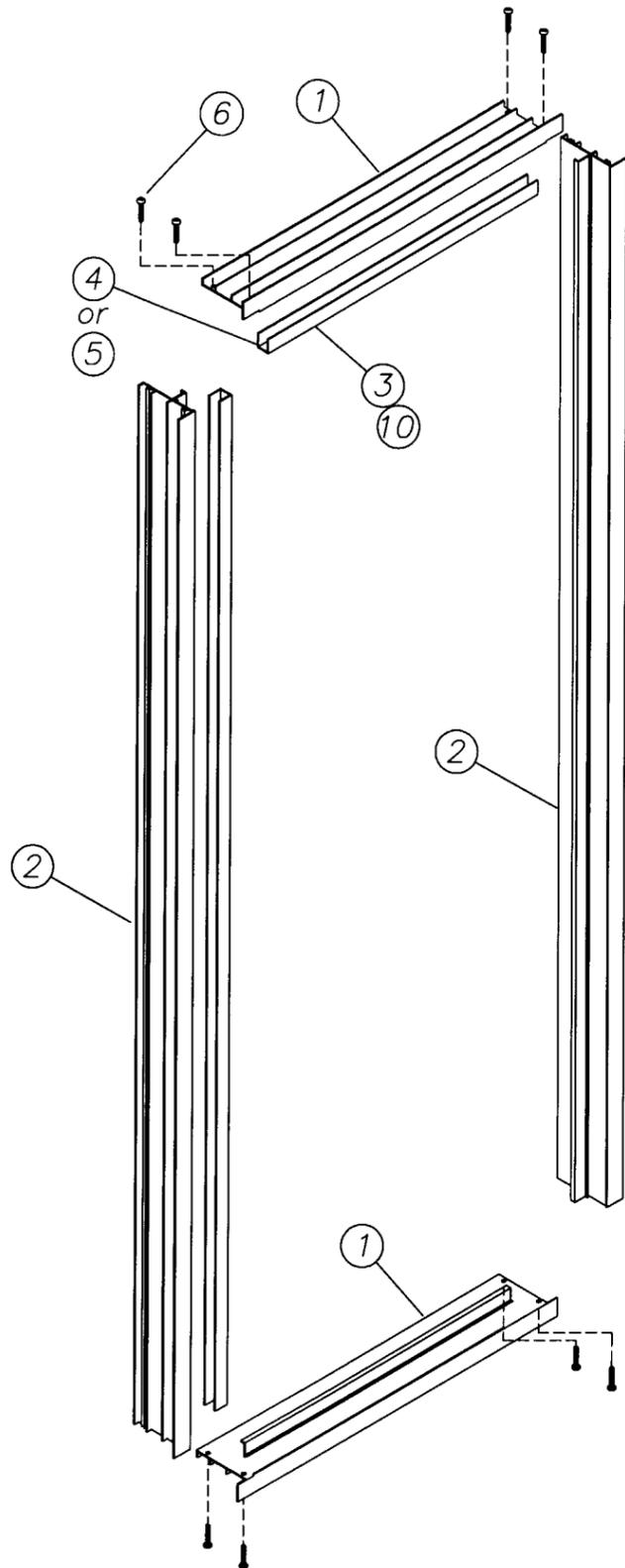
PRODUCT REVISED
 in complying with the Florida
 Building Code
 Acceptance No 02-0716-03
 Expiration Date OCTOBER 2007
 By [Signature] Claude
 Miami Dade Product Control
 Division

Description: ELEVATION

Title: ALUMINUM FIXED IMPACT WINDOW

Series/Model: PW-701	Scale: NTS	Sheet: 1 of 4	Drawing No. 4214	Rev: F
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ITEM	DESCRIPTION	V.T.#	QTY./LOCATION	VENDOR	VENDOR NO.
1	Frame Head & Sill	612241	1 ea.	Alumax	AF-12241
2	Frame Jambs	612242	2	Alumax	AF-12242
3	.688 x .500 Channel Glaz. Bead	6533402	4	Alumax	AF-533402
4	Seam Sealer	6SM55W		Schnee-Morehead	SM5504
5	Closed Cell Foam Tape	61308	4 (between bead & glass)	Stik-It	1308
6	#8 x 1.000 Ph. Pn. SMS	781PQA	8 (Frame Assy. screws)	Merchants Fasteners	
7	Silicon Back bedding	62899C		Dow Corning	899
8	7/16" (.454) W/SOLUTIA PVB INTERLAYER		1	H.P.G.	
9	7/16" (.454) W/DUPONT PVB INTERLAYER		1	H.P.G.	
10	#6 x .875 Ph. Fl. Self-tap	7PWSW	Bead screws. 2 1/2" from end, 20" centers	Fastec	



Revsd By: F.K.	Date: 9/9/02	Revisions: F-NO CHG THIS SHT
Revsd By: F.K.	Date: 8/13/02	Revisions: E-ADD DIM., ORIENT.
Revsd By: F.K.	Date: 7/10/02	Revisions: D-NO CHG THIS SHT
Revsd By: F.K.	Date: 5/9/02	Revisions: NO CHG THIS SHT
Revsd By: F.K.	Date: 11/6/01	Revisions: TB & ADD EXTR.
Revsd By: D.B.	Date: 1/29/99	Revisions:
Drawn By: D.B.	Date: 2/16/98	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0716-03
Expiration Date OCT 03, 2007
By Isaac I. Llandu
Miami Dade Product Control
Division

[Signature]
9/9/02

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

PGT
INDUSTRIES

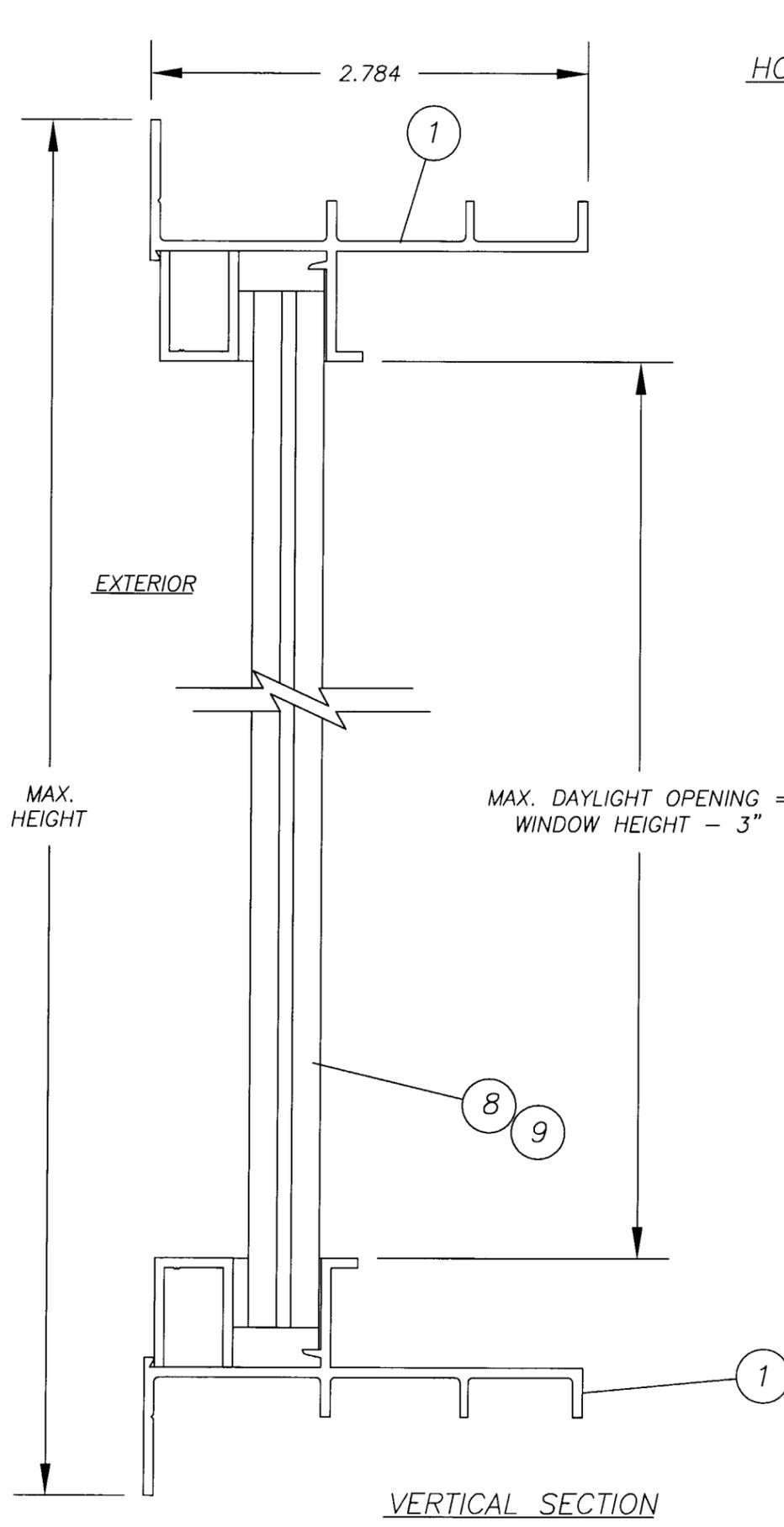
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

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NOKOMIS, FL 34274

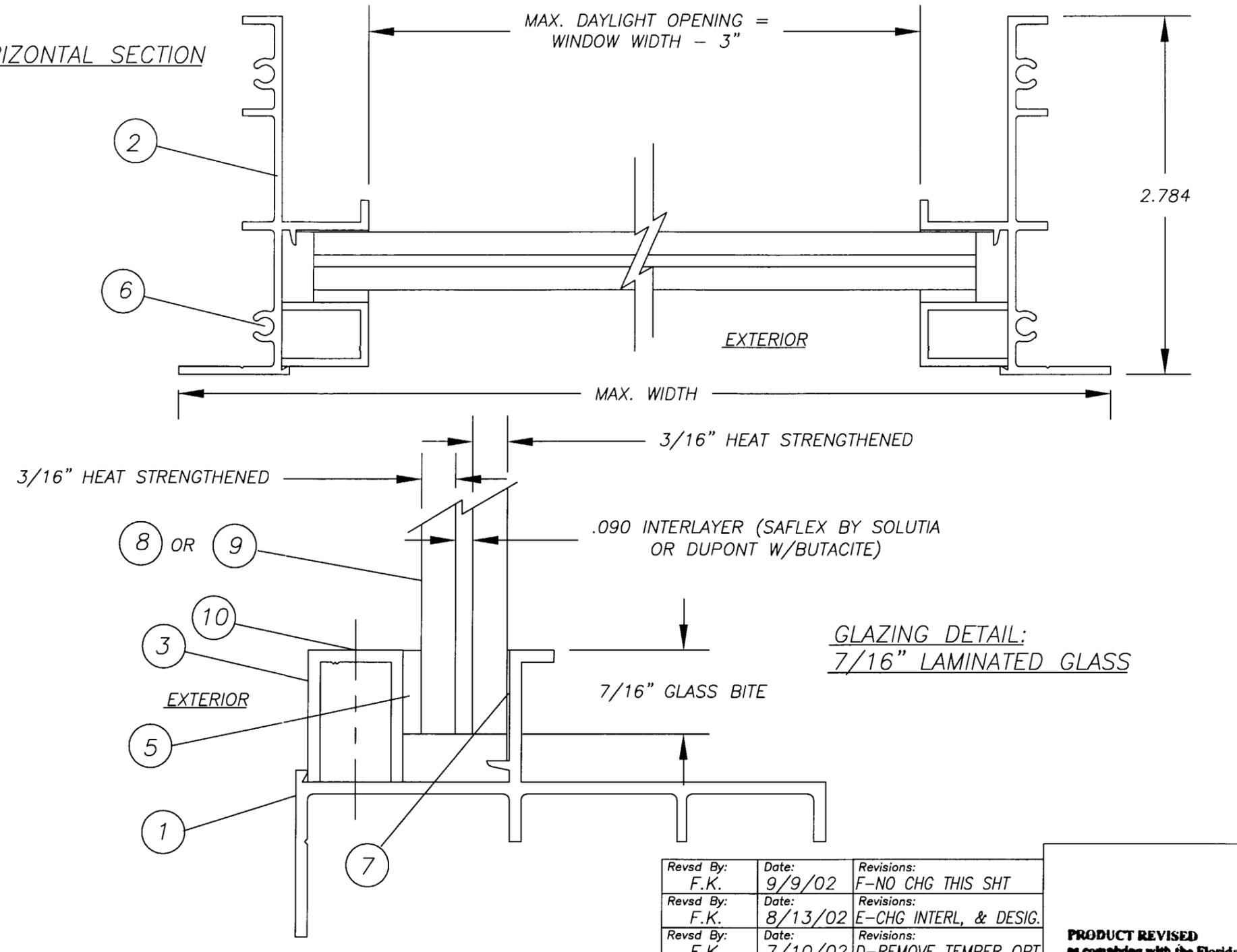
Description:
EXTRUSION PROFILES & B.O.M.

Title:
ALUMINUM FIXED IMPACT WINDOW

Series/Model: PW-701	Scale: NTS	Sheet: 2 of 4	Drawing No. 4214	Rev: F
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HORIZONTAL SECTION



GLAZING DETAIL:
7/16" LAMINATED GLASS

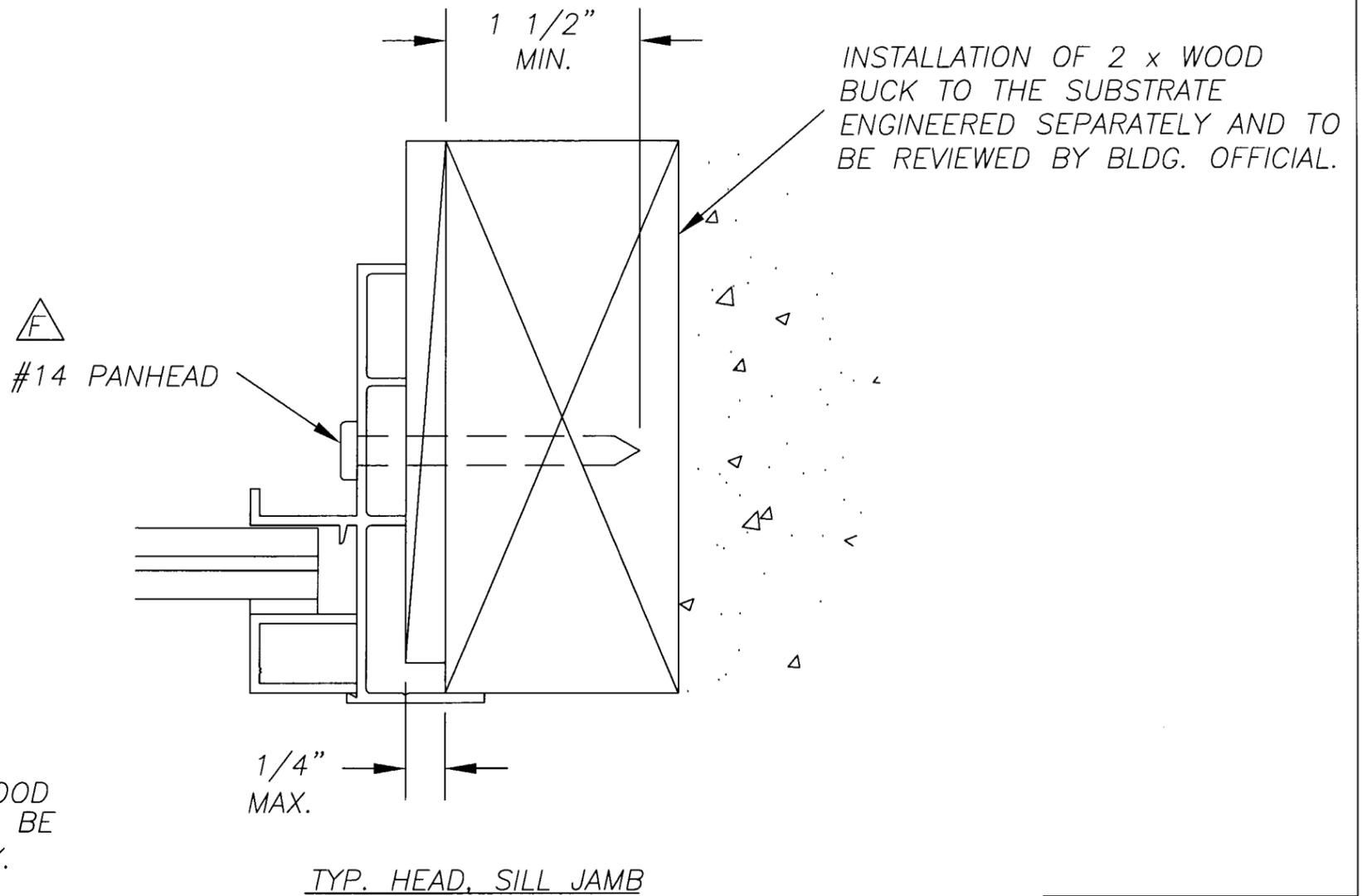
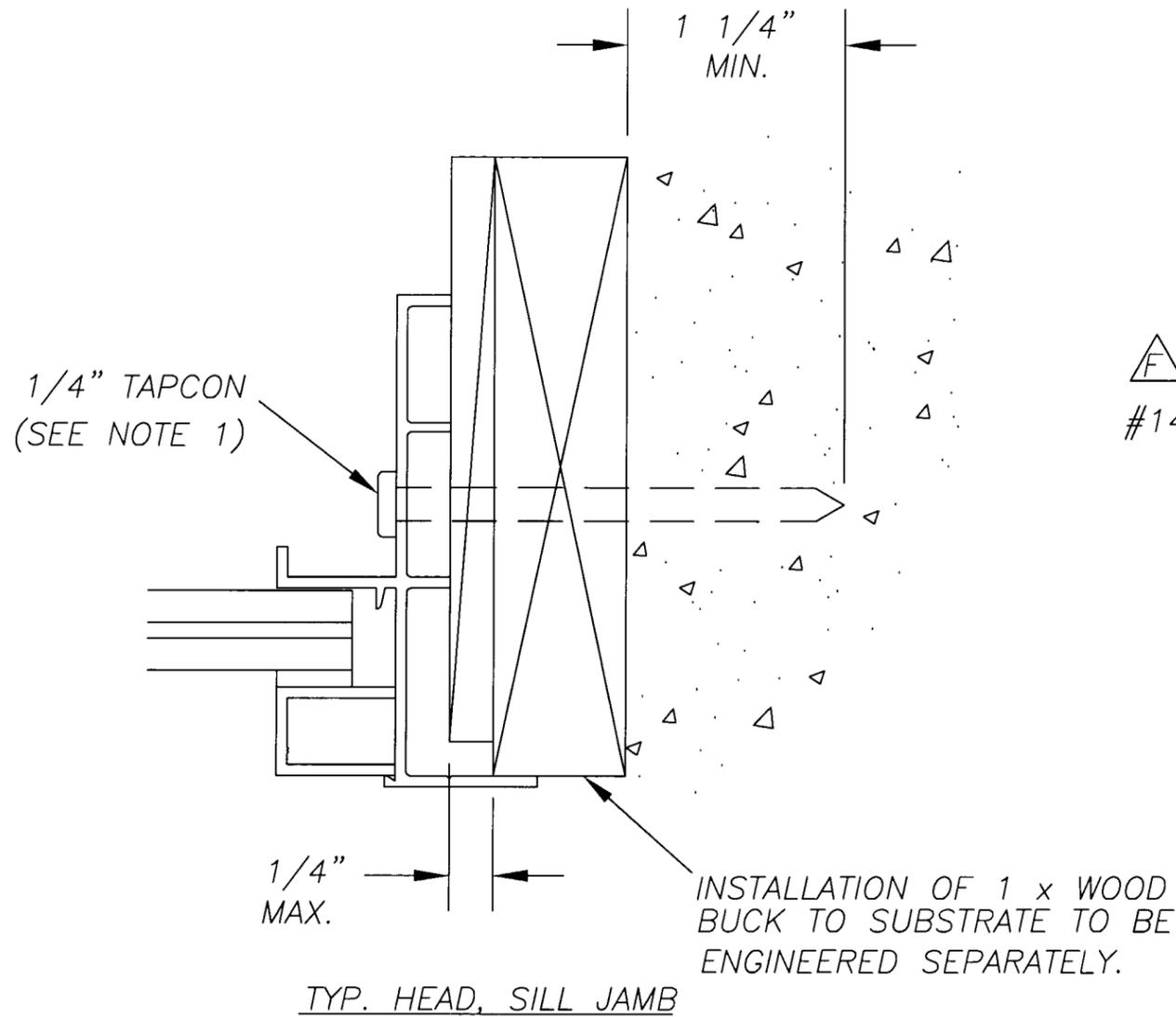
Revsd By: F.K.	Date: 9/9/02	Revisions: F-NO CHG THIS SHT
Revsd By: F.K.	Date: 8/13/02	Revisions: E-CHG INTERL, & DESIG.
Revsd By: F.K.	Date: 7/10/02	Revisions: D-REMOVE TEMPER OPT
Revsd By: F.K.	Date: 5/9/02	Revisions: ADD TEMPERED GLASS
Revsd By: F.K.	Date: 11/6/01	Revisions: TB & GLAZING DET.
Revsd By: D.B.	Date: 1/29/99	Revisions:
Drawn By: D.B.	Date: 2/16/98	

PRODUCT REVISED
as complying with the Florida
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Acceptance No 02-0716-03
Expiration Date OCT 03, 2007
By Isaac J. Llaude
Miami Dade Product Control
Division

R. L. Clark
9/9/02
Robert L. Clark, P.E.
PE #39712
Structural

**P&G
INDUSTRIES**
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Description: SECTIONS & GLAZING DETAIL				
Title: ALUMINUM FIXED IMPACT WINDOW				
Series/Model: PW-701	Scale: NTS	Sheet: 3 of 4	Drawing No. 4214	Rev: F



NOTES:

1. USE MIAMI-DADE COUNTY APPROVED ELCO OR ITW TAPCONS.
2. REFERENCE TEST REPORT: FTL-1971

R.L. Clark
9/9/02

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: 9/9/02	Revisions: F-CHG SCREWS TO #14
Revsd By: F.K.	Date: 8/13/02	Revisions: E-CHG BUCK NOTES
Revsd By: F.K.	Date: 7/10/02	Revisions: D-NO CHG THIS SHT
Revsd By: F.K.	Date: 5/9/02	Revisions: ADD 1/4 TAPCON & NOTE
Revsd By: F.K.	Date: 11/6/01	Revisions: TB & NOTES
Revsd By: D.B.	Date: 1/29/99	Revisions:
Drawn By: D.B.	Date: 2/16/98	

PRODUCT REVISED
as complying with the Florida
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By Isaac J. Chaudh
Miami Dade Product Control
Division

Description: ANCHORAGE				
Title: ALUMINUM FIXED IMPACT WINDOW				
Series/Model: PW-701	Scale: NTS	Sheet: 4 of 4	Drawing No. 4214	Rev: F