



**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)

**Pittsburgh Corning Corporation.
800 Presque Isle Drive
Pisstsburgh, PA 15239**

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: Glass Block.

APPROVAL DOCUMENT: Drawing No.2LW-1 & 2, titled "2" LightWise Windows", sheets 1 and 2, prepared by Pittsburgh Corning Corporation, dated 07/20/04 with last revision on 07/20/04, 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.

MISSILE IMPACT RATING: NONE

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" or "MDCPCA", 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 it. 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 consists of this page, evidence page as well as the approval document mentioned above.

The submitted documentation was reviewed by **Candido E. Font PE**

12/16/04



**NOA No: 04-0824.01
Expiration Date: December 16, 2009
Approval Date: December 16, 2004
Page 1**

Pittsburgh Corning Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A DRAWINGS

1. Drawing prepared by Pittsburgh Corning Corporation titled "2" LightWise Window", Drawing No. 2LW-1 & 2, dated 07/20/04, with latest revision on 07/20/04, Sheets 1 and 2 of 2, signed and sealed by C. D. Hays, PE

B TEST

1. Test Report on Uniform Static Air Pressure Test per TAS 202-94 of "2"LightWise Window", prepared by Architectural Testing Report #50529.02-122-18, dated 07/26/04, signed and sealed by S. M. Urich, PE

C CALCULATIONS

N/A

D QUALITY ASSURANCE

1. Building Code Compliance Office.

E STATEMENT

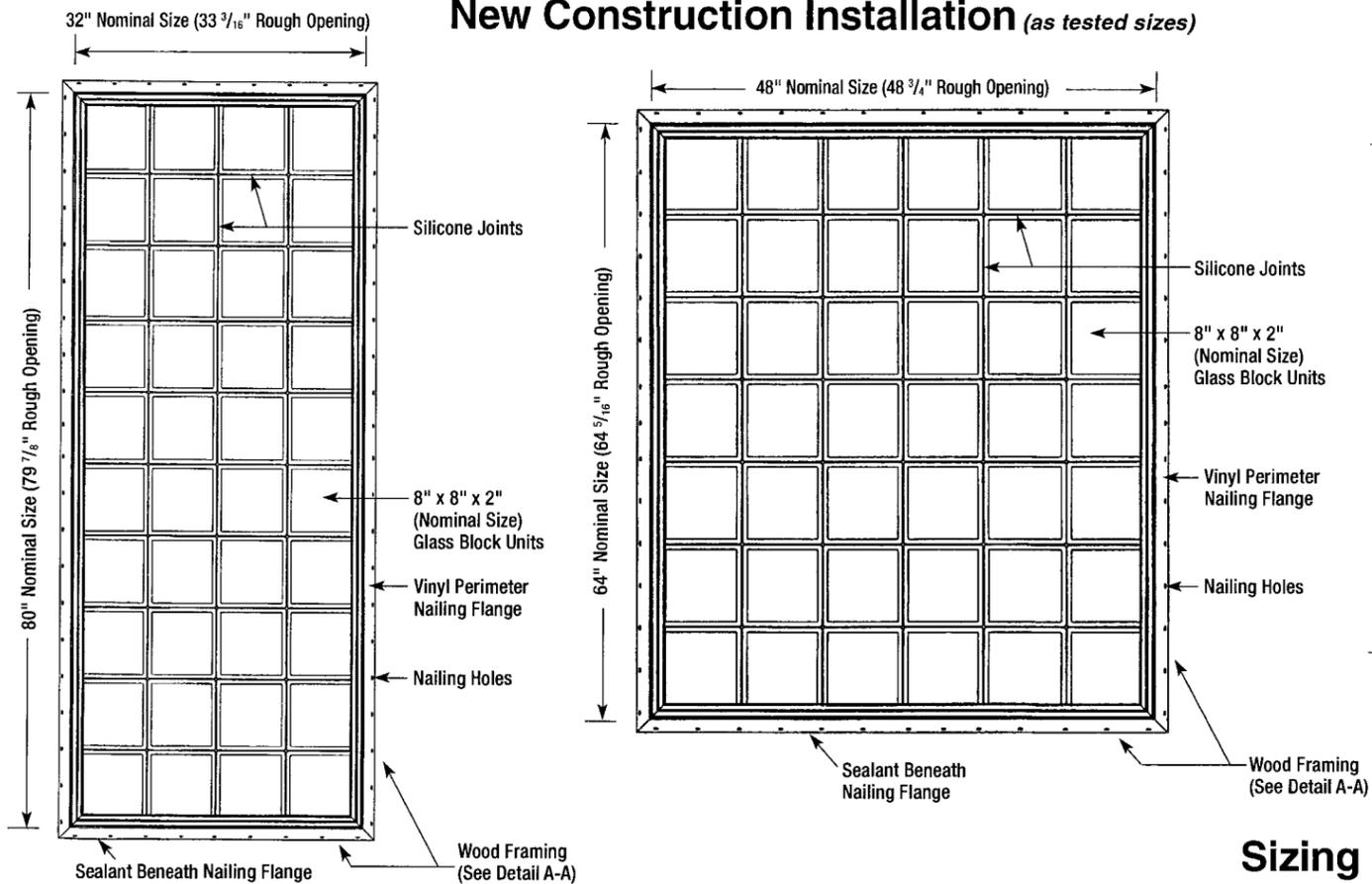
1. Code compliance letter issued by Engineering Analytics, Inc. on 08/23/04 signed and sealed by C. D. Hays PE.
2. No financial Interest letter issued by Pittsburgh Corning Corporation on 08/05/04 signed N. T. Loomis and notarized by J. A. Stephens.
3. Test compliance letter issued by Architectural Testing on 07/26/04 and signed by S. M Urich PE.



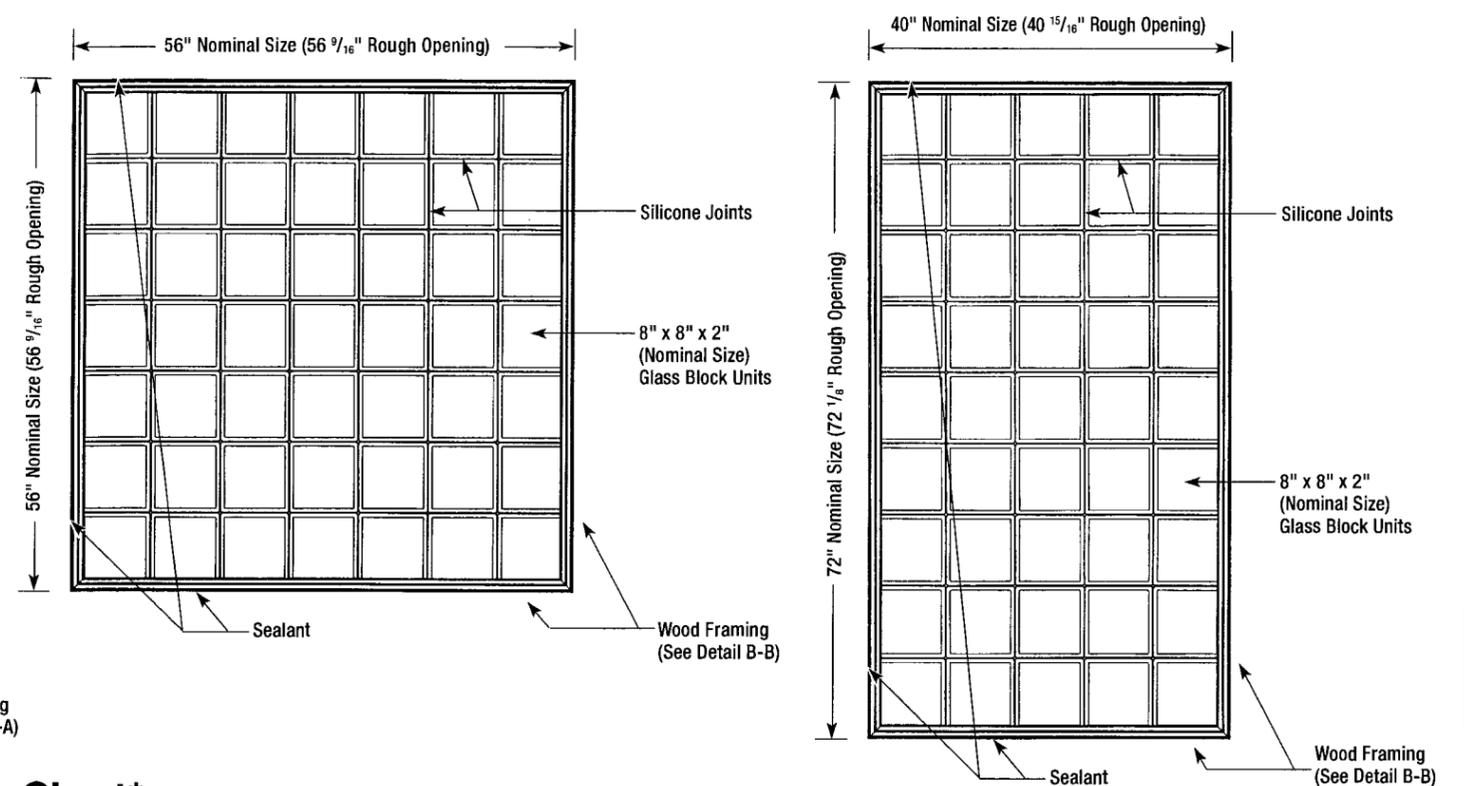
12/16/04

Candido F. Font PE
Senior Product Control Examiner
NOA N: 04-0824.01
Expiration Date: December 16, 2009
Approval Date: December 16, 2004

New Construction Installation (as tested sizes)



Renovation Construction Installation (as tested sizes)



Sizing Chart*

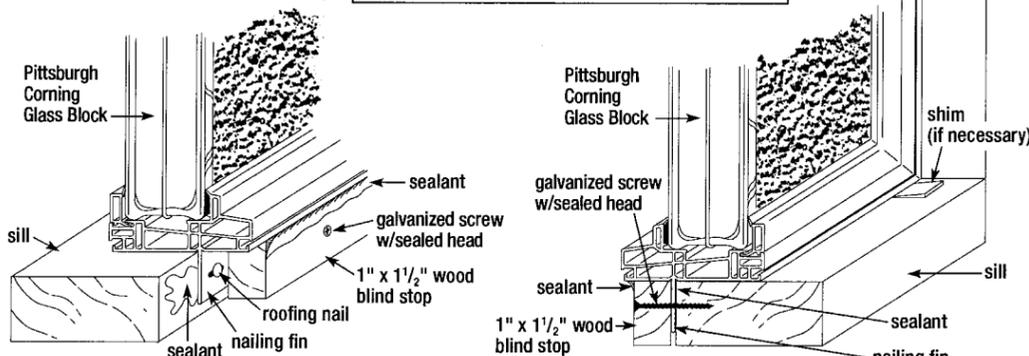
*Nominal Glass Block Panel Size	Required Rough Opening Size (width x height)	*Nominal Glass Block Panel Size	Required Rough Opening Size (width x height)	*Nominal Glass Block Panel Size	Required Rough Opening Size (width x height)
8" x 16"	9 13/16" x 17 5/8"	24" x 64"	25 3/8" x 64 5/16"	48" x 40"	48 3/4" x 40 15/16"
8" x 24"	9 13/16" x 25 3/8"	24" x 72"	25 3/8" x 72 1/8"	48" x 48"	48 3/4" x 48 3/4"
8" x 32"	9 13/16" x 33 3/16"	24" x 80"	25 3/8" x 79 7/8"	48" x 56"	48 3/4" x 56 9/16"
8" x 40"	9 13/16" x 40 15/16"	32" x 8"	33 3/16" x 9 13/16"	48" x 64"	48 3/4" x 64 5/16"
8" x 48"	9 13/16" x 48 3/4"	32" x 16"	33 3/16" x 17 5/8"	56" x 8"	56 9/16" x 9 13/16"
8" x 56"	9 13/16" x 56 9/16"	32" x 24"	33 3/16" x 25 3/8"	56" x 16"	56 9/16" x 17 5/8"
8" x 64"	9 13/16" x 64 5/16"	32" x 32"	33 3/16" x 33 3/16"	56" x 24"	56 9/16" x 25 3/8"
8" x 72"	9 13/16" x 72 1/8"	32" x 40"	33 3/16" x 40 15/16"	56" x 32"	56 9/16" x 33 3/16"
8" x 80"	9 13/16" x 79 7/8"	32" x 48"	33 3/16" x 48 3/4"	56" x 40"	56 9/16" x 40 15/16"
16" x 8"	17 5/8" x 9 13/16"	32" x 56"	33 3/16" x 56 9/16"	56" x 48"	56 9/16" x 48 3/4"
16" x 16"	17 5/8" x 17 5/8"	32" x 64"	33 3/16" x 64 5/16"	56" x 56"	56 9/16" x 56 9/16"
16" x 24"	17 5/8" x 25 3/8"	32" x 72"	33 3/16" x 72 1/8"	64" x 8"	64 5/16" x 9 13/16"
16" x 32"	17 5/8" x 33 3/16"	32" x 80"	33 3/16" x 79 7/8"	64" x 16"	64 5/16" x 17 5/8"
16" x 40"	17 5/8" x 40 15/16"	40" x 8"	40 15/16" x 9 13/16"	64" x 24"	64 5/16" x 25 3/8"
16" x 48"	17 5/8" x 48 3/4"	40" x 16"	40 15/16" x 17 5/8"	64" x 32"	64 5/16" x 33 3/16"
16" x 56"	17 5/8" x 56 9/16"	40" x 24"	40 15/16" x 25 3/8"	64" x 40"	64 5/16" x 40 15/16"
16" x 64"	17 5/8" x 64 5/16"	40" x 32"	40 15/16" x 33 3/16"	64" x 48"	64 5/16" x 48 3/4"
16" x 72"	17 5/8" x 72 1/8"	40" x 40"	40 15/16" x 40 15/16"	72" x 8"	72 1/8" x 9 13/16"
16" x 80"	17 5/8" x 79 7/8"	40" x 48"	40 15/16" x 48 3/4"	72" x 16"	72 1/8" x 17 5/8"
24" x 8"	25 3/8" x 9 13/16"	40" x 56"	40 15/16" x 56 9/16"	72" x 24"	72 1/8" x 25 3/8"
24" x 16"	25 3/8" x 17 5/8"	40" x 64"	40 15/16" x 64 5/16"	72" x 32"	72 1/8" x 33 3/16"
24" x 24"	25 3/8" x 25 3/8"	40" x 72"	40 15/16" x 72 1/8"	72" x 40"	72 1/8" x 40 15/16"
24" x 32"	25 3/8" x 33 3/16"	48" x 8"	48 3/4" x 9 13/16"	80" x 8"	79 7/8" x 9 13/16"
24" x 40"	25 3/8" x 40 15/16"	48" x 16"	48 3/4" x 17 5/8"	80" x 16"	79 7/8" x 17 5/8"
24" x 48"	25 3/8" x 48 3/4"	48" x 24"	48 3/4" x 25 3/8"	80" x 24"	79 7/8" x 25 3/8"
24" x 56"	25 3/8" x 56 9/16"	48" x 32"	48 3/4" x 33 3/16"	80" x 32"	79 7/8" x 33 3/16"

*Note: Based on 8" x 8" nominal glass block.

Specifications:

- Glass Block Units: 8" x 8" x 2" (nominal size) DECORA® (pattern used) or IceScapes®.
- Frame: Extruded and dual durometer white rigid PVC (Notice of Acceptance No. 01-0327.02). Frame corners are mitered and welded. Extrusions by Custom Window Extrusions Inc.
- Window Sizes: See adjoining sizing chart for nominal and rough opening dimensions.
- Framing Sealant: Silicone type. Apply a bead of sealant between vinyl nailing flange and framing before nailing. Also seal the blind stop to the vinyl frame and seal the drywall screw heads. Use Pecora 896 or equal.
- Joint Sealants: Silicone type. G.E. 2801 or equivalent for perimeter (glass block to vinyl frame) joints and G.E. 1201 or equivalent for glass block joints.
- Anchorage: Secure window unit with 11 gauge x 1 3/4" galvanized roofing nails with 3/8" diameter heads—3" in from all four corners and other nailing hole around perimeter (8" on center maximum spacing). Secure 1" x 1 1/2" wood blind stop over vinyl nailing flange with #8 x 2" long galvanized screws through the wood stop, nailing flange and into the wood frame. Place screws 3" in from each corner and 8" on center (maximum spacing) in between.

NON IMPACT RESISTANCE
Design Pressure Rating
+/- 70 PSF



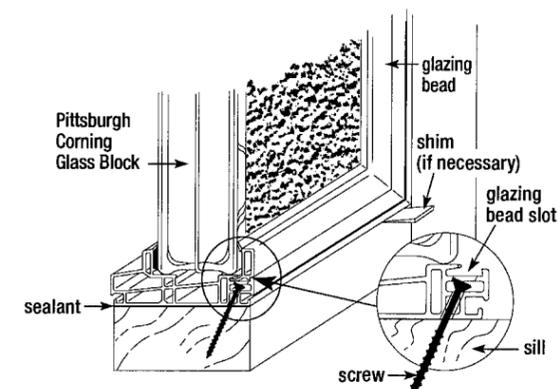
Detail A-A (Exterior View)

Detail A-A (Interior View)

Specifications:

- Glass Block Units: 8" x 8" x 2" (nominal size) DECORA® (pattern used) or IceScapes®.
- Frame: Extruded and dual durometer white rigid PVC (Notice of Acceptance No. 01-0327.02). Frame corners are mitered and welded.
- Window Sizes: See adjoining sizing chart for nominal and rough opening dimensions.
- Nailing Flange: For existing construction, remove nailing flange by cutting with a razor knife.
- Framing Sealant: Silicone type. Apply a bead of sealant between vinyl window frame and framing on exterior side. Use Pecora 896 or equal.
- Joint Sealants: Silicone type G.E. 2801 or equivalent for perimeter (glass block to vinyl frame) joints and G.E. 1201 or equivalent for glass block joints.
- Anchorage: Secure window unit with #8 x 2" long galvanized wood screws through the glazing bead slot on the interior side at 6" in from each corner and 12" on center (maximum spacing) in between.

NON IMPACT RESISTANCE
Design Pressure Rating
+/- 70 PSF

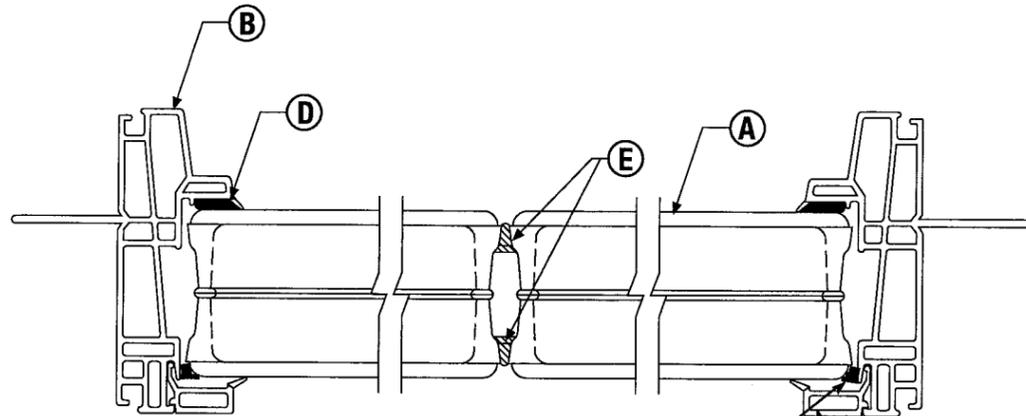


Detail B-B

Approved as complying with the
Pittsburgh Corning Corp. Test
12/16/04
PCAL 04-0824-01
without Study Report Control
Evanston

*Carve 2 Hays
PE 34806
8/23/04*

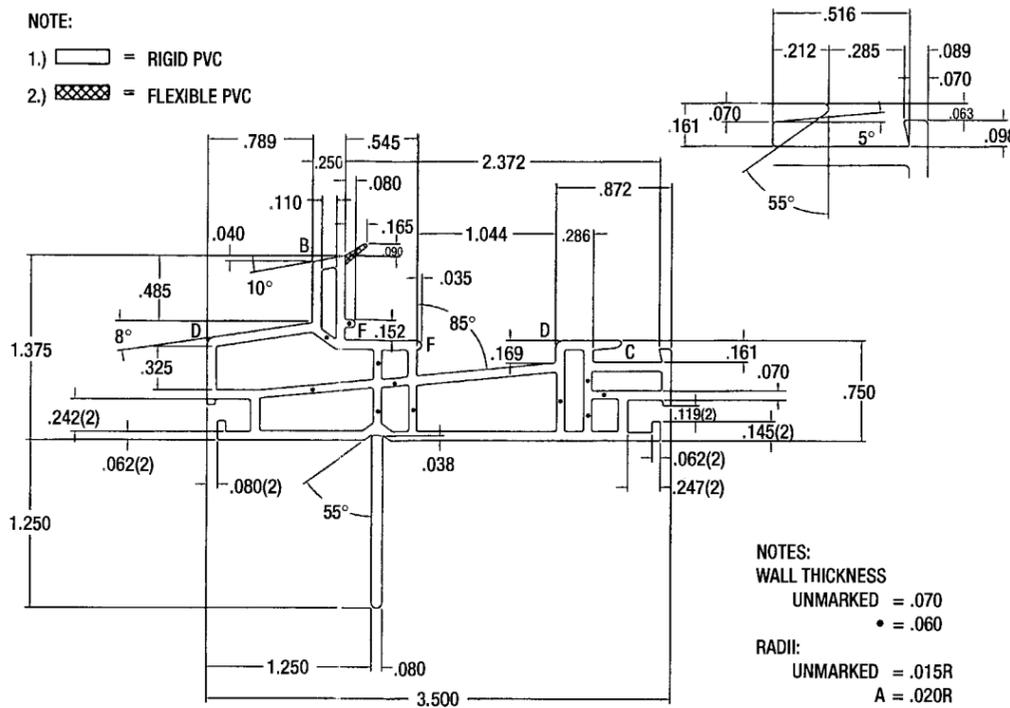
TITLE 2" LightWise® WINDOWS — NEW and RENOVATION CONSTRUCTION					
DESIGN	N.T.L.	SCALE	N.T.S.	REV.	① ②
DRAWN	N.T.L.	DATE	7-20-04	BY	G.W.S. N.T.L.
CHECK	N.T.L.	DATE	7-20-04	DATE	9-4-01 7-20-04
PITTSBURGH CORNING CORP. 800 PRESQUE ISLE DRIVE PITTSBURGH, PA 15239			DRAWING #	SHEET	
			2 LW-1	1 OF 2	



- (A)** 8" x 8" x 2" GLASS BLOCK
- (B)** 5425 2" GLASS BLOCK FRAME
- (C)** 5427 GLAZING BEAD
- (D)** SILICONE SEAL (G.E. 2801)
- (E)** SILICONE SEAL (G.E. 1201)

2" Glass Block Frame Layout (No. 30A-0003-001)

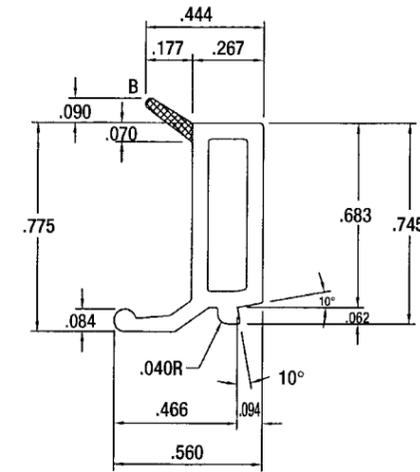
- NOTE:
- 1.) = RIGID PVC
 - 2.) = FLEXIBLE PVC



- NOTES:
- WALL THICKNESS
UNMARKED = .070
• = .060
- RADII:
UNMARKED = .015R
A = .020R
B = .025R
C = .030R
D = .062R
F = FULL
- ESTIMATED AREA = 1.065 SQ. IN.

5425 2" Glass Block Frame Detail (No. 30A-0003-003)

By CUSTOM WINDOW EXTENSIONS OF DELMONT PA. NOD #

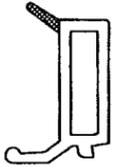


5427 2" Glazing Bead Detail (No. 30A-0003-005)

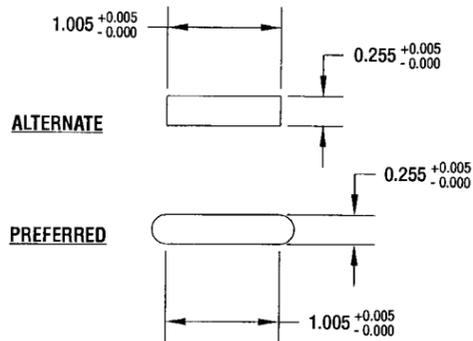
By CUSTOM WINDOW EXTENSIONS OF DELMONT PA. NOD #

- NOTES:
- WALL THICKNESS
UNMARKED = .060±10%
- RADII:
UNMARKED = .015R
A = .007R
B = .020R
C = .030R
D = .050R
E = .090R

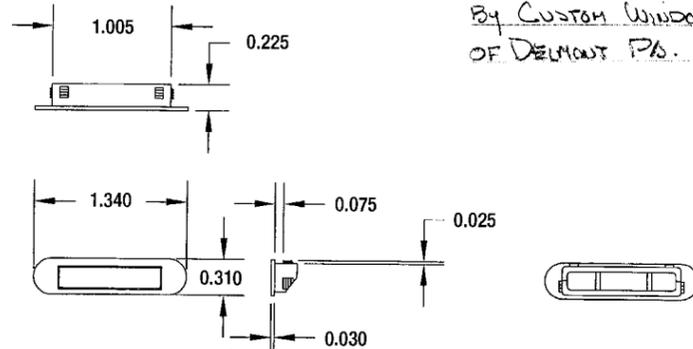
- NOTE:
- 1.) = RIGID PVC
 - 2.) = FLEXIBLE PVC



Actual Size

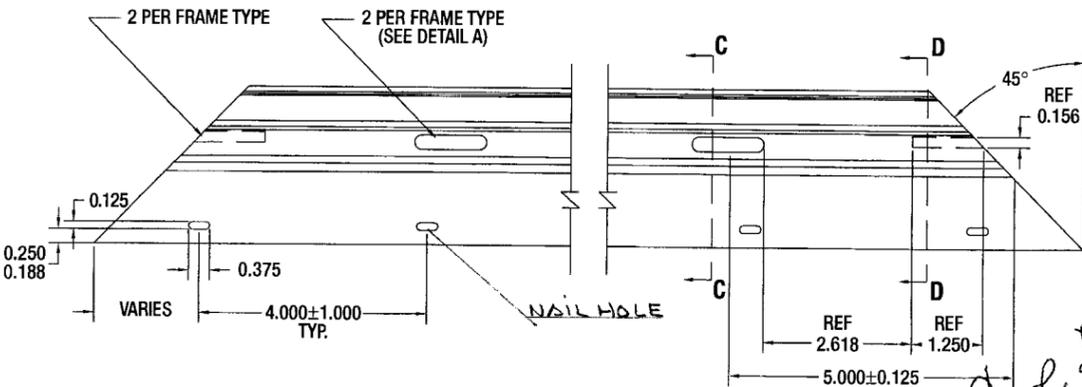


Weep Hole Detail Options Detail A

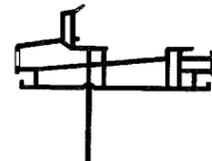


Weep Gate Detail

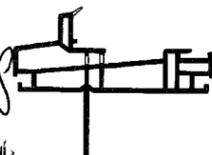
Gaer Weep Hole Cover - 4° Flap (Part No: 98-03-02-00)



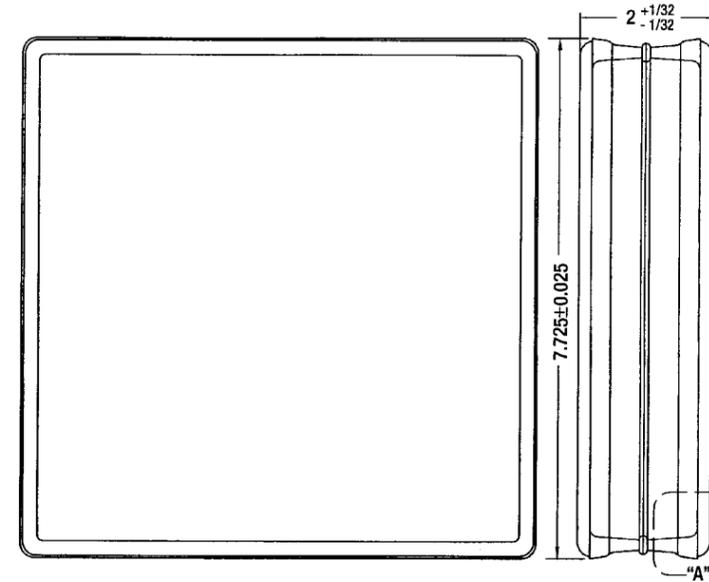
Weep Hole Location and Nail Hole Detail



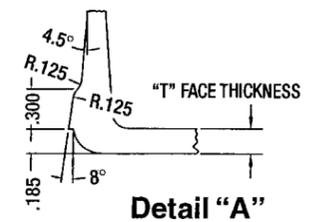
Section C-C



Section D-D



8" x 8" x 2" Glass Block Detail (No. 30A-0003-002)



PATTERN	"T" NOMINAL SIZE	NOMINAL SIZE
DECORA®	0.1875	8" x 8" x 2"
IceScapes®	0.1875	8" x 8" x 2"

*Approved on compliance with the
Florida Building Code
12/16/04
04-0324-01
Window Product Control
Division*

TITLE 2" LightWise® WINDOWS DETAILS				PITTSBURGH CORNING CORP. 800 PRESQUE ISLE DRIVE PITTSBURGH, PA 15239		DRAWING # 2 LW-2	SHEET 2 OF 2
DESIGN	N.T.L.	SCALE	N.T.S.	REV.	① ②		
DRAWN	N.T.L.	DATE	7-20-04	BY	G.W.S. N.T.L.		
CHECK	N.T.L.	DATE	7-20-04	DATE	9-4-01 7-20-04		

*Case & King
PE 308006
8/23/04*