



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)

www.buildingcodeonline.com

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

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: Series "Legacy" Aluminum Clad Wood Direct Set Window

APPROVAL DOCUMENT: Drawing No. 1072, titled "Legacy Aluminum Clad Wood Direct Set Impact Window", sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 3/21/02 with revision "A1, A2, & A3", signed and sealed by Warren Schaefer, 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 and Small Missile Impact

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 NOA # 02-1018.09 consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0420.03
Expiration Date: February 13, 2008
Approval Date: June 16, 2005
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1072**, titled "Legacy Aluminum Clad Wood Direct Set Impact Window", sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 3/21/02 with revision "A1, A2, & A3", signed and sealed by Warren Schaefer, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Water Resistance Test, per FBC, TAS 202-94
3) Large Missile Impact Test per FBC, TAS 201-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum clad wood fixed casement window, prepared by Hurricane Test Laboratory, Test Report No. **HTL 0037-0111-02**, dated 1/8/02, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-1018.09"
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
along with marked-up drawings and installation diagram of aluminum clad wood fixed casement window, prepared by Hurricane Test Laboratory, Test Report No. **HTL 0037-0411-01**, dated 4/10/02, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-1018.09"
3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum clad wood fixed casement window with mullion, prepared by Hurricane Test Laboratory, Test Report No. **HTL 0037-0412-01**, dated 4/16/01, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-1018.09"
4. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood fixed casement window, prepared by Stork Twin City Testing Corporation, Test Report No. **STCT-TCTCWI04012**, dated 12/07/04, signed and sealed by Thomas Allan Kolden, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, dated 04/05/05, prepared by W.W. Schaefer & Consulting P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 3/13/02, signed and sealed by Warren Schaefer, P.E.
"Submitted under NOA# 02-1018.09"


Hermino F. Gonzalez, P.E.
Director, Building Code Compliance Office

NOA No 05-0420.03
Expiration Date: February 13, 2008
Approval Date: June 16, 2005

Weather Shield Mfg., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **03-0421.01** issued to Solutia Inc. for their "Saflex HP" dated 05/22/03, expiring on 04/14/08.
2. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for their "Sentry Glass ® Plus" dated 01/17/02, expiring on 01/14/07.
3. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their "Saflex/Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.

F. STATEMENTS

1. Statement letter of no financial interest, dated 4/4/02, signed and sealed by Warren Schaefer, P.E.
2. Laboratory compliance letter for Test Report no **HTL 0037-0411-01** and **HTL 0037-0111-02**, issued by Hurricane Test Laboratory, dated 7/05/02, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-1018.09"
3. Laboratory compliance letter for Test Report no. **HTL 0037-0412-01** issued by Hurricane Test Laboratory, dated 7/15/02, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 02-1018.09"
4. Letter from Val Brushaber from Weather Shield MFG., Inc., dated 04/07/05, stating that Warren W. Schaefer, P.E. as the contact person for the file.

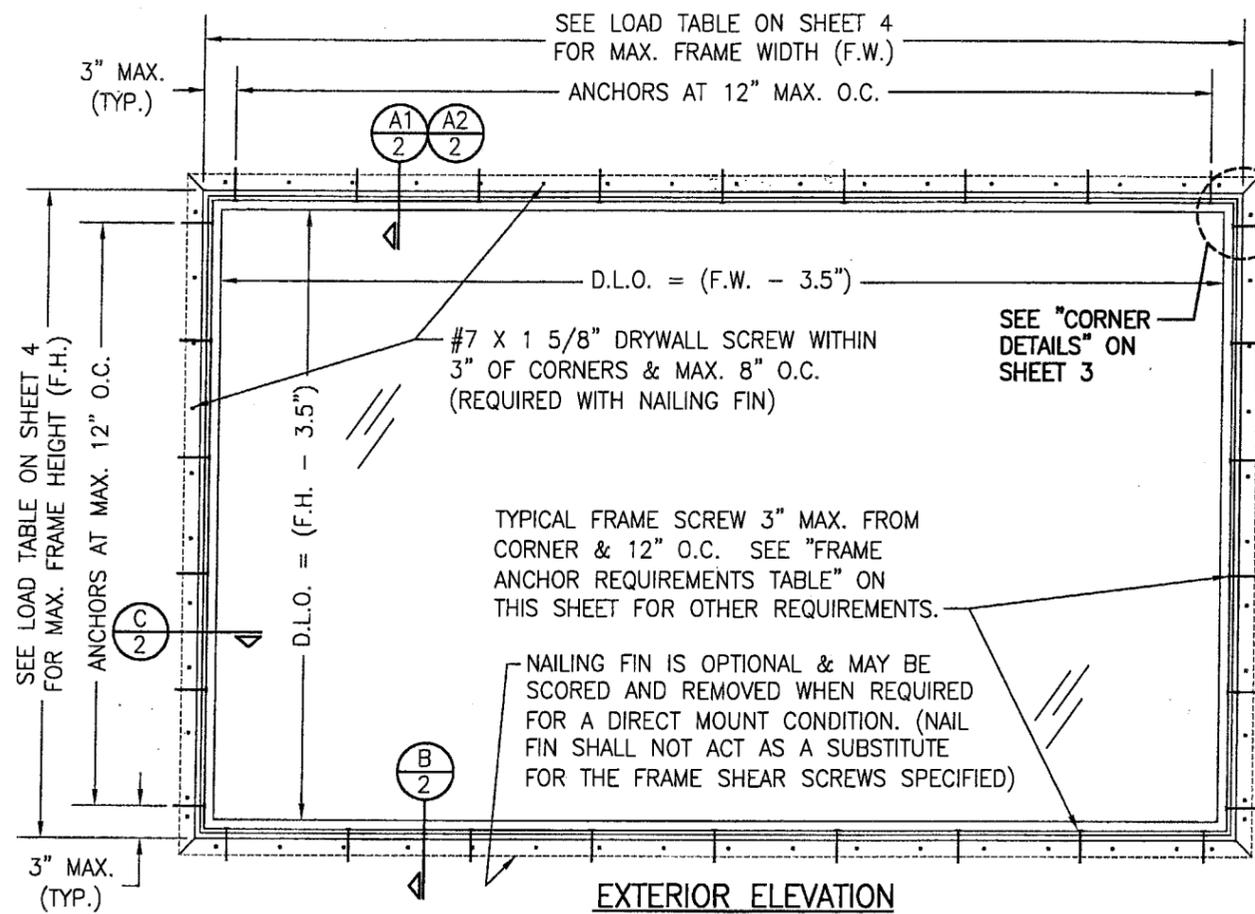
G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **02-1018.09**, issued to Weather Shield Mfg., Inc. for their Legacy Aluminum Clad Wood Direct Set Impact Window, approved on 02/13/03 and expiring on 02/13/08.

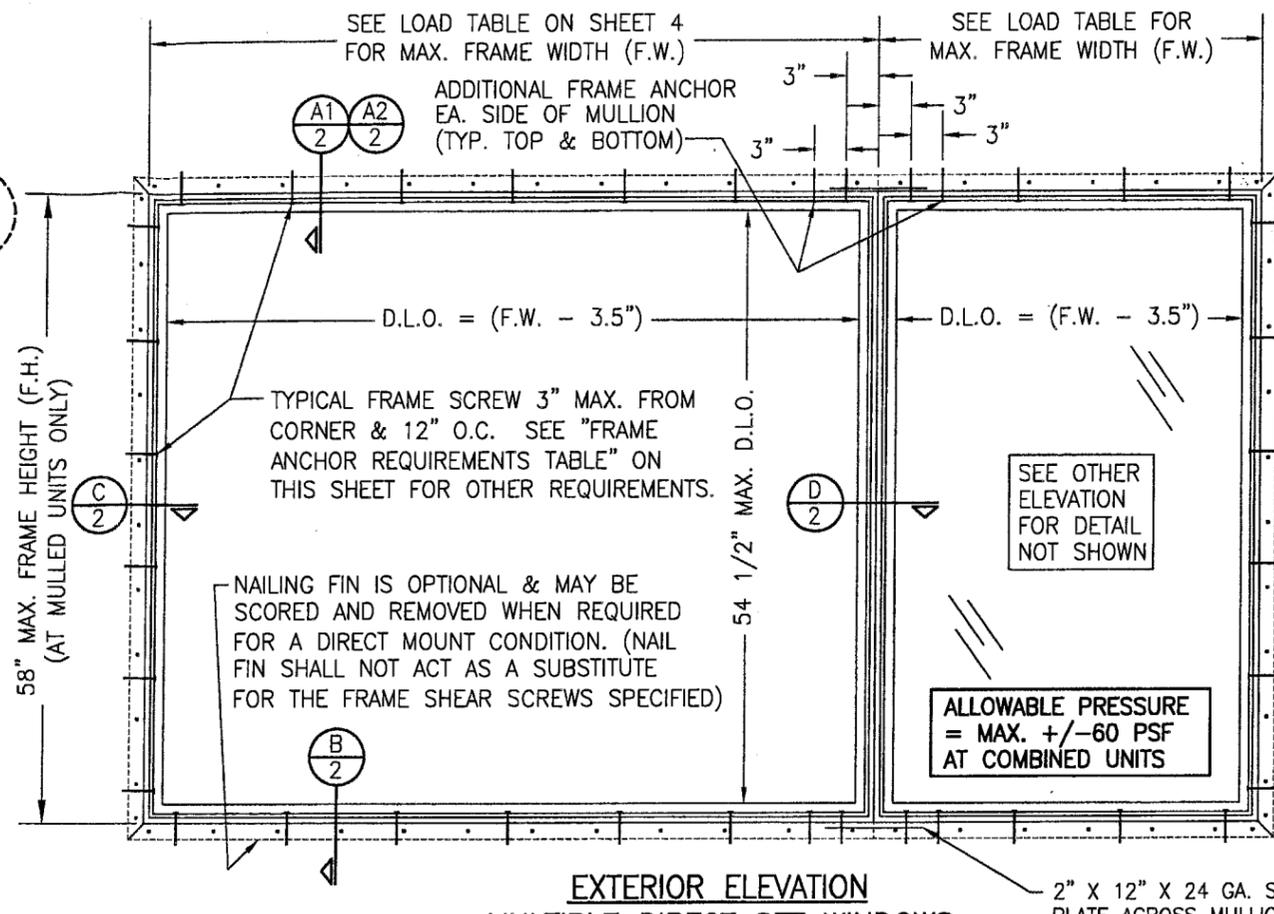


Hermino F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0420.03

Expiration Date: February 13, 2008
Approval Date: June 16, 2005



**EXTERIOR ELEVATION
SINGLE DIRECT SET WINDOW**
SCALE: 3/4"=1'-0"



**EXTERIOR ELEVATION
MULTIPLE DIRECT SET WINDOWS
(MAX. FOUR UNITS MAY BE COMBINED)**
SCALE: 3/4"=1'-0"

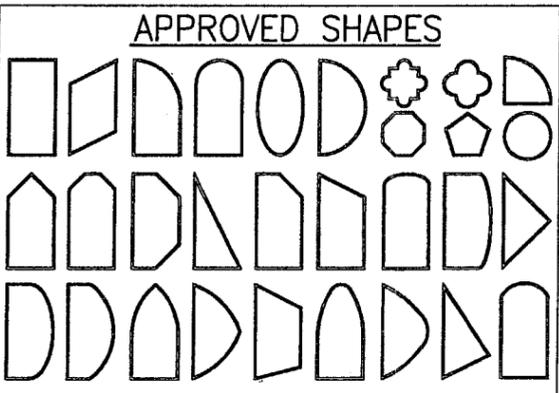
GENERAL NOTES

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE(S).
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE 2004 FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
8. ALL FRAME ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.

FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 3/8"	1"
CMU/CONCRETE	3/16" CONCR. SCREW	1 1/4"	2"

CONCRETE SCREWS SHALL BE ITW RAMSET/RED HEAD TAPCONS, ELCO TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

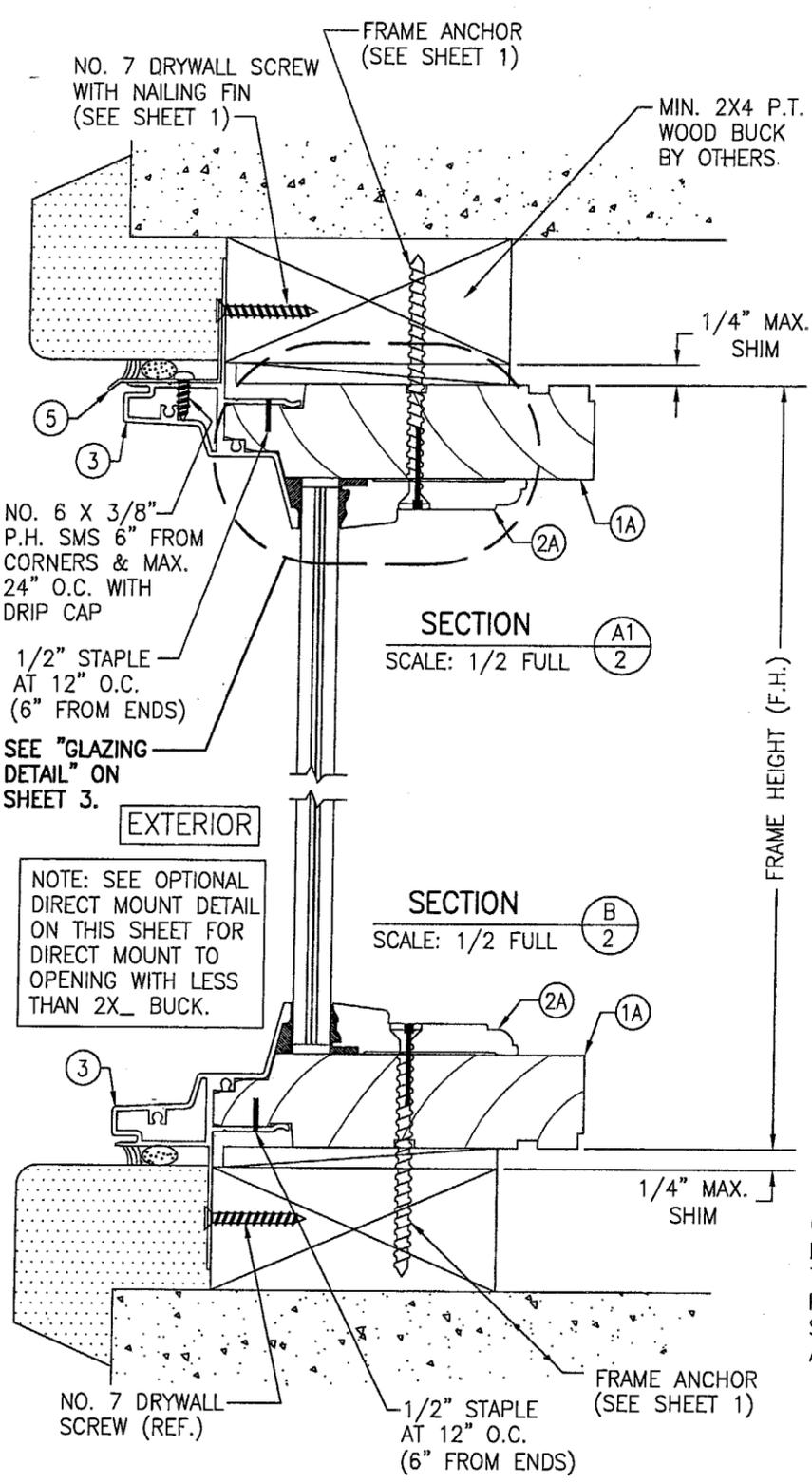
* SHEAR SCREW ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS SPACER, OR ANCHORED TO A MIN. 2X4 NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2X4 BUCK, NO. 10 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE SCREWS SHALL BE USED. SEE "FRAME ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).



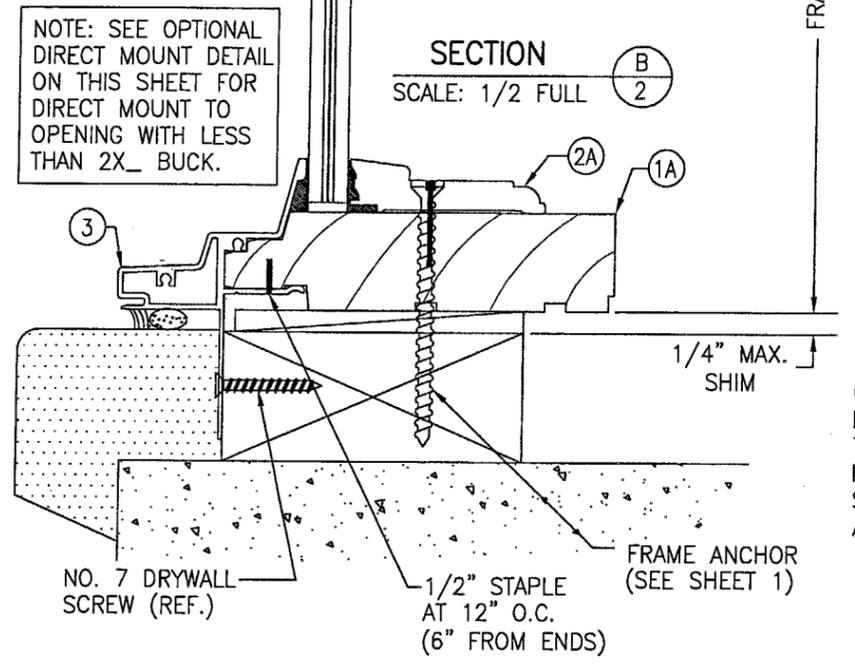
- NOTES:**
1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION PER CORNER DETAILS.
 2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.
 3. SHAPED WINDOWS ARE INSTALLED THE SAME AS THE RECTANGULAR WINDOWS SHOWN IN ELEVATION. SEE SECTIONS & CORNER DETAILS FOR DETAIL SPECIFIC TO SHAPED WINDOWS.

DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 03/15/02	
DATE	BY	REVISION DESCRIPTION	NO.
		A1 ADDED NEW GLASS & GLAZING	A1
		A2 UPDATE LOAD TABLES TO ASTM E1300-02	A2
		A3 UPDATE GENERAL NOTES	A3
DRAWING TITLE LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW			
MANUFACTURER WEATHER SHIELD WINDOWS & DOORS			
ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.			
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
DRAWING NO. 1072			
REV. A			
SHEET NO. 1 OF 4			

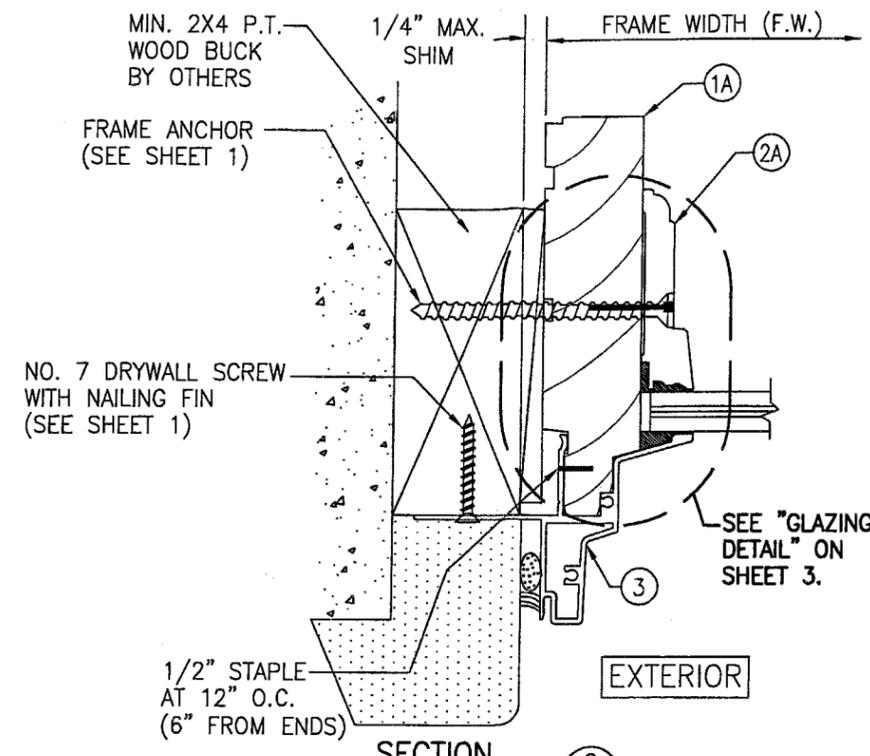
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0420.03
Expiration Date 02/13/08
By: *[Signature]*
Miami Dade Product Control Division



SECTION A1
SCALE: 1/2 FULL

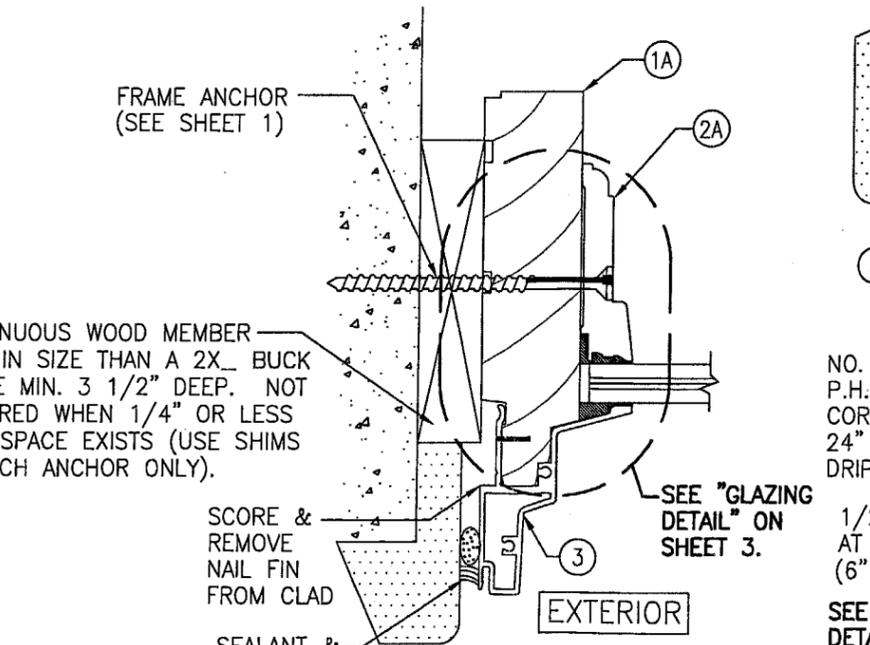


SECTION B
SCALE: 1/2 FULL

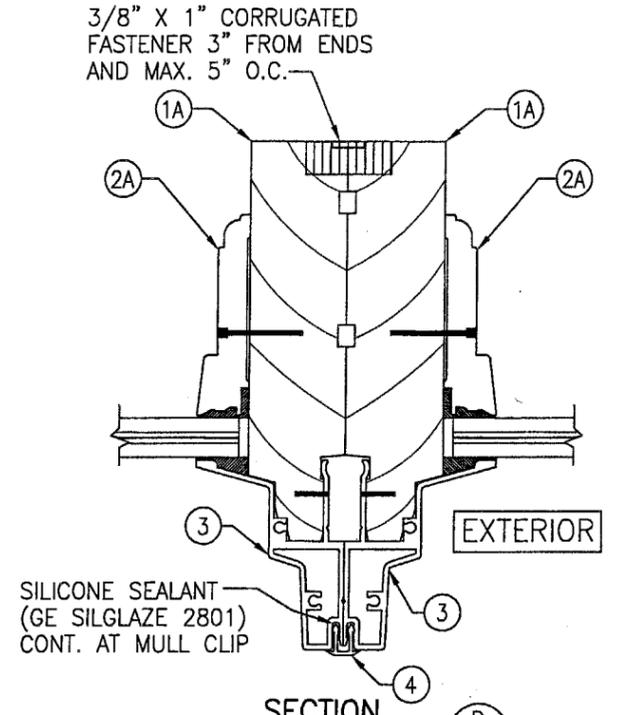


SECTION C
SCALE: 1/2 FULL

NOTE: SEE OPTIONAL DIRECT MOUNT DETAIL ON THIS SHEET FOR DIRECT MOUNT TO OPENING WITH LESS THAN 2X₄ BUCK

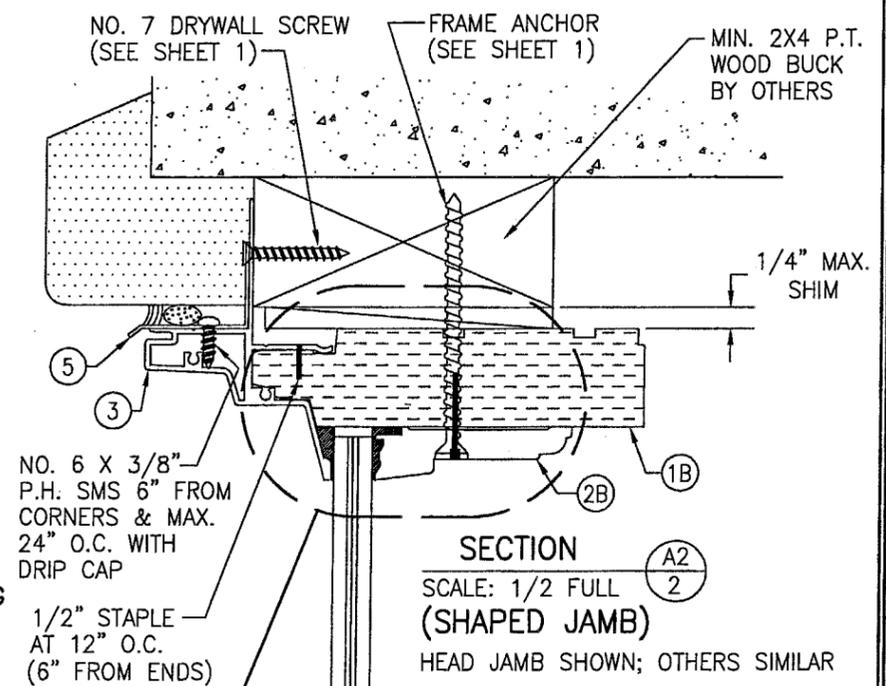


OPTIONAL DIRECT MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.



SECTION D
SCALE: 1/2 FULL

FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.



SECTION A2
SCALE: 1/2 FULL

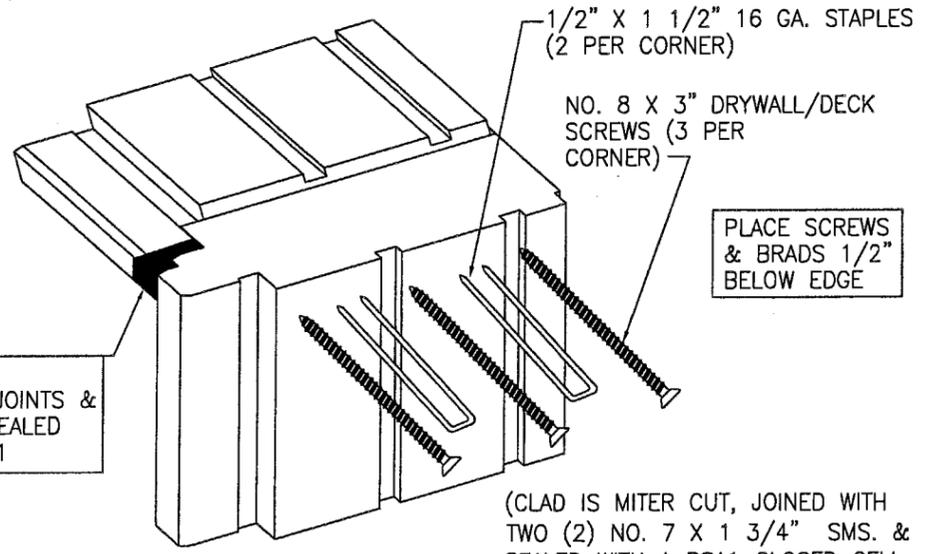
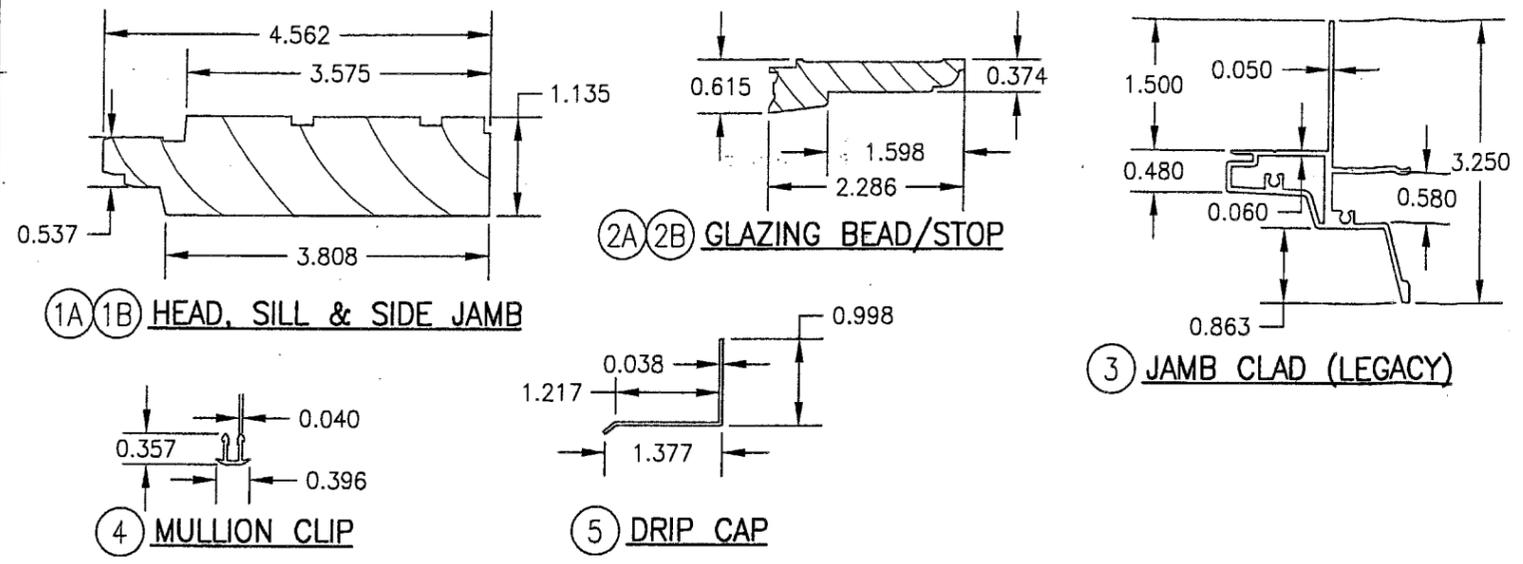
(SHAPED JAMB)
HEAD JAMB SHOWN; OTHERS SIMILAR

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0420.03
Expiration Date 02/13/08
By *W. Schaefer*
Miami Dade Product Control
Division

DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/15/02	
NO.	REVISION	DESCRIPTION	BY
DRAWING TITLE: LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: WEATHER SHIELD WINDOWS & DOORS	
600 SANDREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CERTIFICATION: APR 06 2005			
By <i>W. Schaefer</i> P.E.			
DRAWING NO. 1072	REV. A	SHEET NO. 2 OF 4	

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1A	W-4000X	4	HEAD, SILL & SIDE JAMB	* WOOD	WEATHER SHIELD
1B	W-4000X	4	HEAD, SILL & SIDE JAMB	* LVL	WEATHER SHIELD
2A	W-4001X	4	GLAZING BEAD/STOP	* WOOD	WEATHER SHIELD
2B	W-4001X	4	GLAZING BEAD/STOP	* LVL	WEATHER SHIELD
3	A-4508X	4	JAMB CLAD (LEGACY)	6063-T5 ALUMINUM	WEATHER SHIELD
4	A-1609X	1	LEGACY MULLION CLIP	6063-T5 ALUMINUM	WEATHER SHIELD
5	A-2581X	1	DRIP CAP (OPTIONAL)	6063-T5 ALUMINUM	WEATHER SHIELD

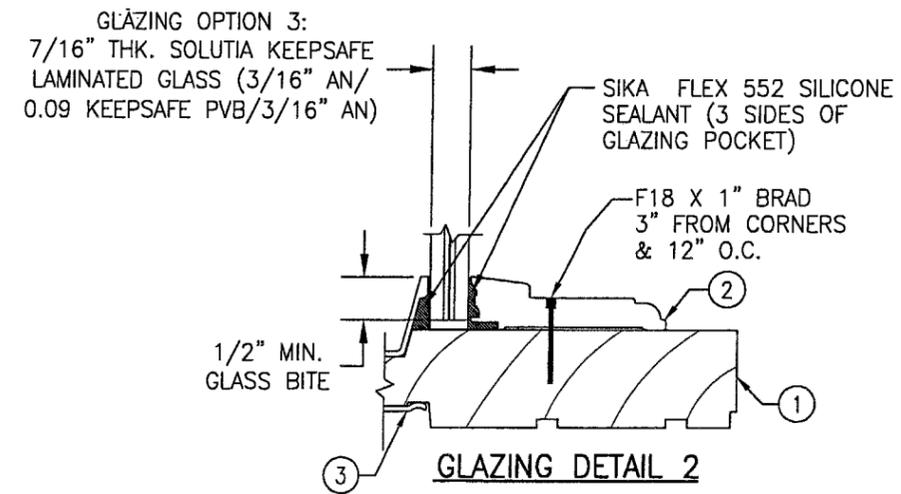
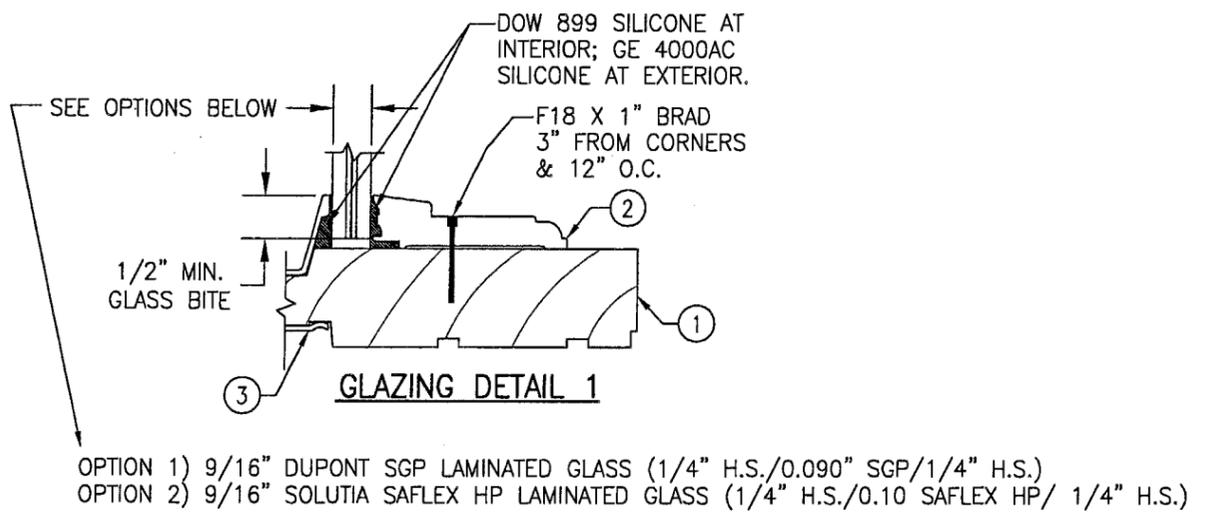
* WOOD USED WITH TEST UNITS WAS PONDEROSA PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRUS.



SEALANT:
ALL FRAME CORNERS, JOINTS & EXTERIOR MULLION CLIP SEALED WITH GE SILGLAZE 2801

FRAME CORNER DETAIL

RECTANGULAR WINDOW CORNER SHOWN. SHAPED TO STRAIGHT JAMB CORNER IS THE SAME. EXTENDED LEG JAMBS ARE CONTINUOUS AND HAVE NO SEAM AT THE SPRINGLINE EXCEPT FOR A SPLICE IN THE GLAZING STOP.



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.	DATE	BY	REVISION DESCRIPTION	NO.
<p>DRAWING TITLE: LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW</p> <p>CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903</p> <p>MANUFACTURER: WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555</p>					
CERTIFICATION APR 06 2005	<p>PRODUCT REVISED as complying with the Florida Building Code Acceptance No 05-0420.03 Expiration Date 02/13/08</p> <p>By: <i>Warren W. Schaefer</i> Miami Dade Product Control Division</p>		<p>WARREN W. SCHAEFER, P.E. P.E. NO. 44135</p>	DRAWING NO. 1072	REV. A
SHEET NO. 3 OF 4					

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/15/02	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW		MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		CERTIFICATION APR 06 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1072		REV. A	
SHEET NO. 4 OF 4			

**9/16" LAMINATED HEAT STRENGTHENED GLASS
(GLAZING DETAIL 1 & GLAZING OPTION 1 & 2)**

(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)																							
	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.
30"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
36"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
42"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
48"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
54"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
60"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
66"			55.0	68.8	55.0	68.8	55.0	68.8	55.0	68.8	55.0	68.8												
72"					50.4	63.0	50.4	63.0																
(1) LONG DIMENSION	60"	66"	72"	78"	84"	90"	96"	99"	102"	108"	120"	132"												

**7/16" SOLUTIA KEEPSAFE LAMINATED ANNEALED GLASS
(GLAZING DETAIL 2 & GLAZING OPTION 3)**

(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)																							
	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.
24"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
30"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
36"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
42"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	72.1										
48"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0														
54"	60.0	75.0	60.0	75.0	60.0	75.0																		
60"			60.0	75.0																				
(1) LONG DIMENSION	54"	60"	66"	72"	77"	84"	90"	96"	99"	102"	108"	120"	132"											

TABLE NOTES:

- (1) ALL WINDOW DIMENSION VALUES SHOWN ARE +/-1/2" & ARE FRAME (F.H. & F.W.) DIMENSIONS
- (2) THOSE SIZES WITH LOADS LISTED ARE MAXIMUM ALLOWABLE SIZES AT THAT LOAD. IF NO LOAD IS LISTED FOR A GIVEN SIZE, THAT SIZE EXCEEDS ALLOWABLE AND IS NOT ACCEPTABLE.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0420.03
 Expiration Date 02/13/08
 By Warren W. Schaefer
 Miami Dade Product Control
 Division