



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

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

**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 Fixed Window**

**APPROVAL DOCUMENT:** Drawing No.1071, titled "Series Legacy Aluminum Clad Wood Fixed Casement Impact Window", sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 03/21/02 with revision A1, A2, & A3, signed and sealed by Warren W. 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 # 02-1018.10 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 05-0420.04  
Expiration Date: February 13, 2008  
Approval Date: June 16, 2005  
Page 1

Weather Shield Mfg., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1071**, titled "Series Legacy Aluminum Clad Wood Fixed Casement Impact Window", sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering & Consulting P.A., dated 03/21/02 with revision "A1, A2, & A3", signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) 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 Hurricane Test Laboratory, Test Report No. **HTL 0037-0205-01**, dated 7/5/02, signed and sealed by Vinu J. Abraham, P.E.  
**"Submitted under NOA# 02-1018.10"**
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) 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 Hurricane Test Laboratory, Test Report No. **HTL 0037-0106-02**, dated 7/5/02, signed and sealed by Vinu J. Abraham, P.E.  
**"Submitted under NOA# 02-1018.10"**
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 an aluminum clad wood fixed casement window, prepared by Stork Twin City Testing Corporation, Test Report No. **STCTN-TCTCWI04013**, 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# 02-1018.10"**



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

NOA No 05-0420.04

Expiration Date: February 13, 2008

Approval Date: June 16, 2005

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

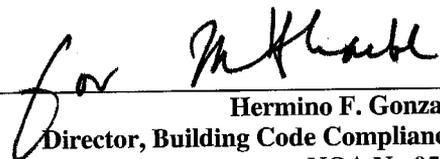
1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.
2. Notice of Acceptance No. **03-0421.01** issued to Solutia Inc. for their "Saflex HP" dated 05/22/03, expiring on 04/14/08.
3. Notice of Acceptance No. **01-1204.01**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

**F. STATEMENTS**

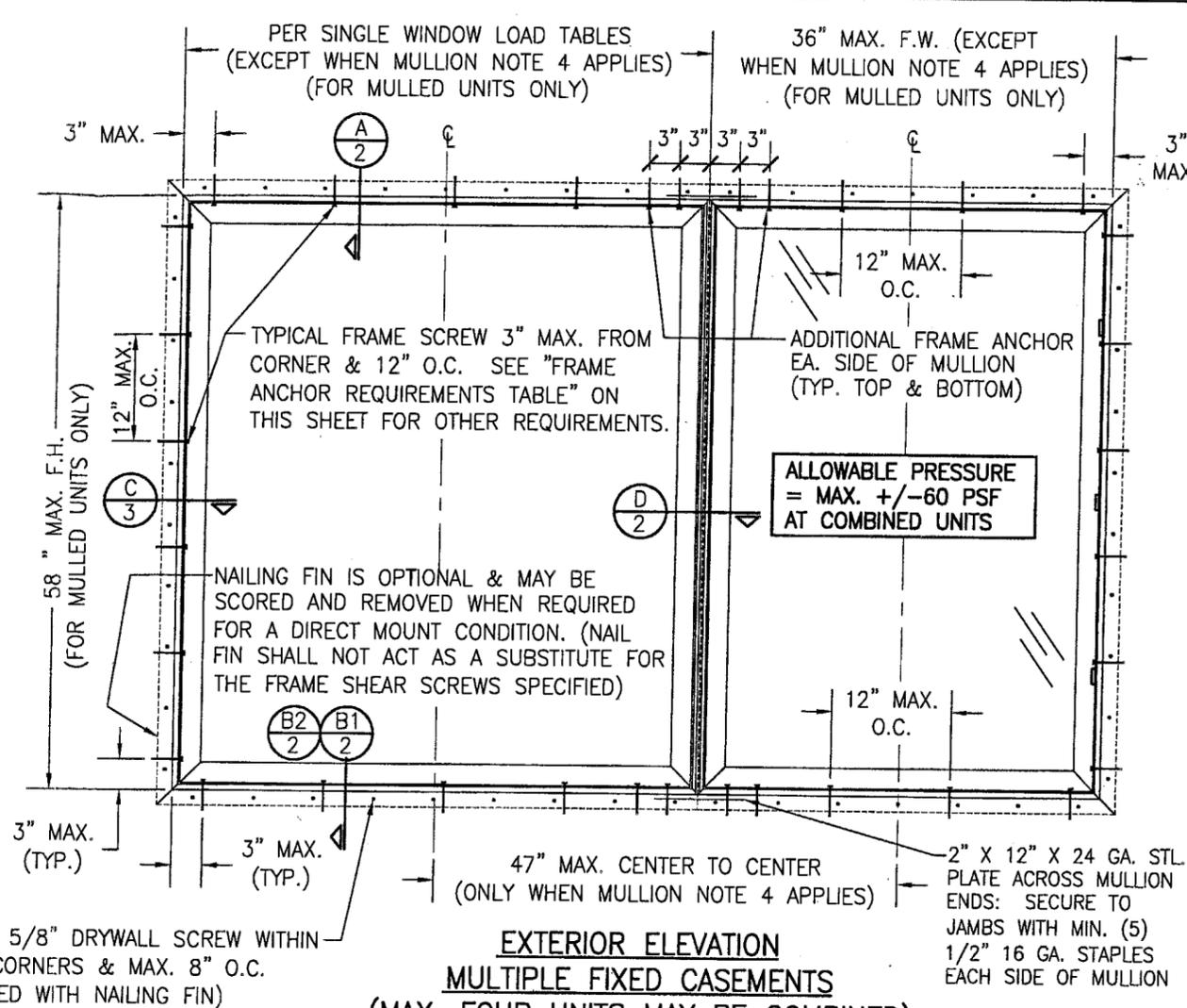
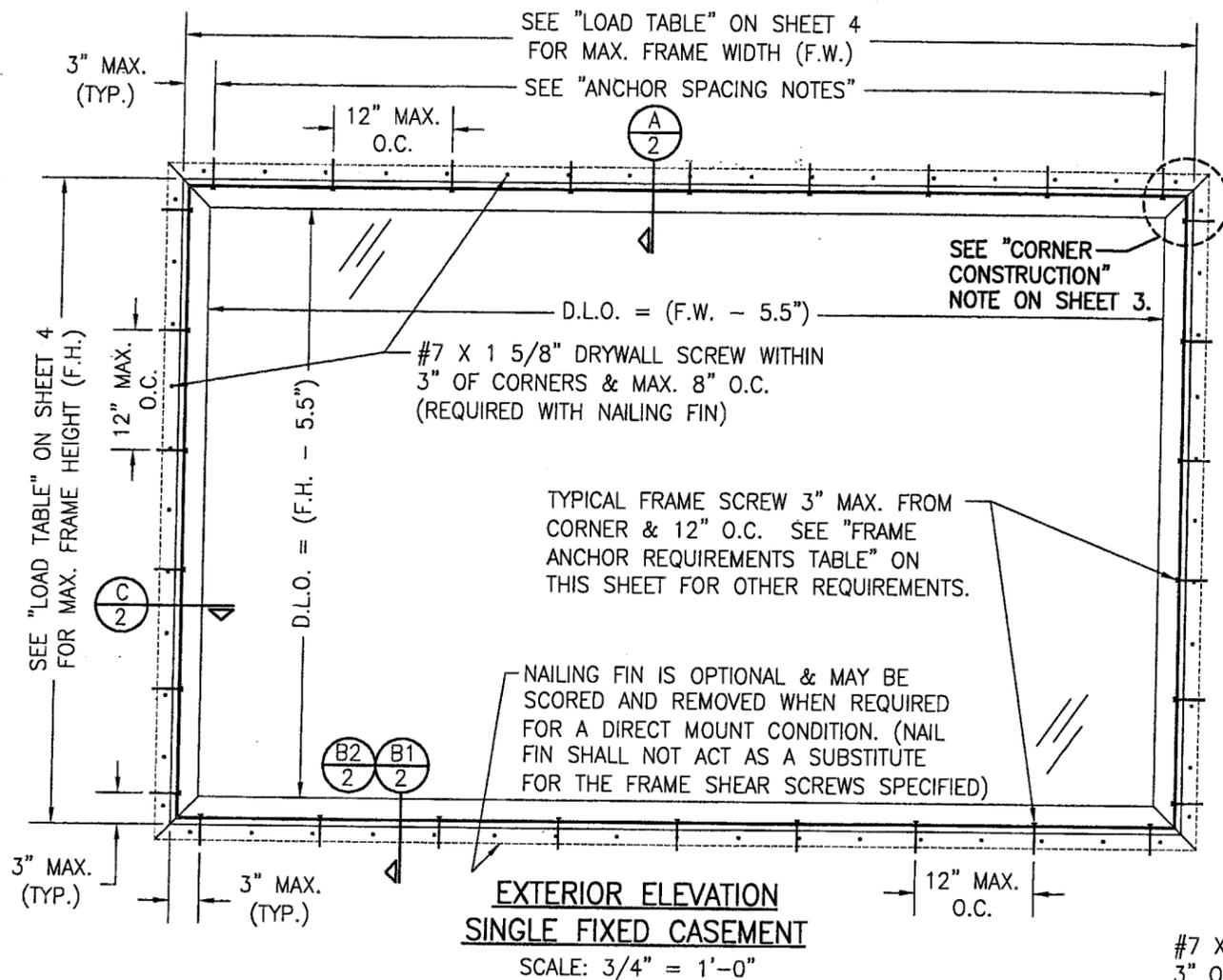
1. Statement letter of conformance, dated 4/4/02, signed and sealed by Warren Schaefer, P.E.
2. Statement letter of no financial interest, dated 4/4/02, signed and sealed by Warren Schaefer, P.E.
3. Laboratory compliance letter for Test Report no. **HTL 0037-0205-01, HTL 0037-0106-02**, issued by Hurricane Test Laboratory, dated 7/5/02, signed and sealed by Vinu J. Abraham, P.E.  
*"Submitted under NOA# 02-1018.10"*
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. **02-1018.10**, issued to Weather Shield Mfg., Inc. for their Aluminum Clad Wood Fixed Casement Window, approved on 02/13/03 and expiring on 02/13/08.



Hermino F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 05-0420.04  
Expiration Date: February 13, 2008  
Approval Date: June 16, 2005



FOR ALLOWABLE DESIGN WIND PRESSURE ON SINGLE WINDOWS, SEE LOAD TABLES ON SHEET 4.

**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.).

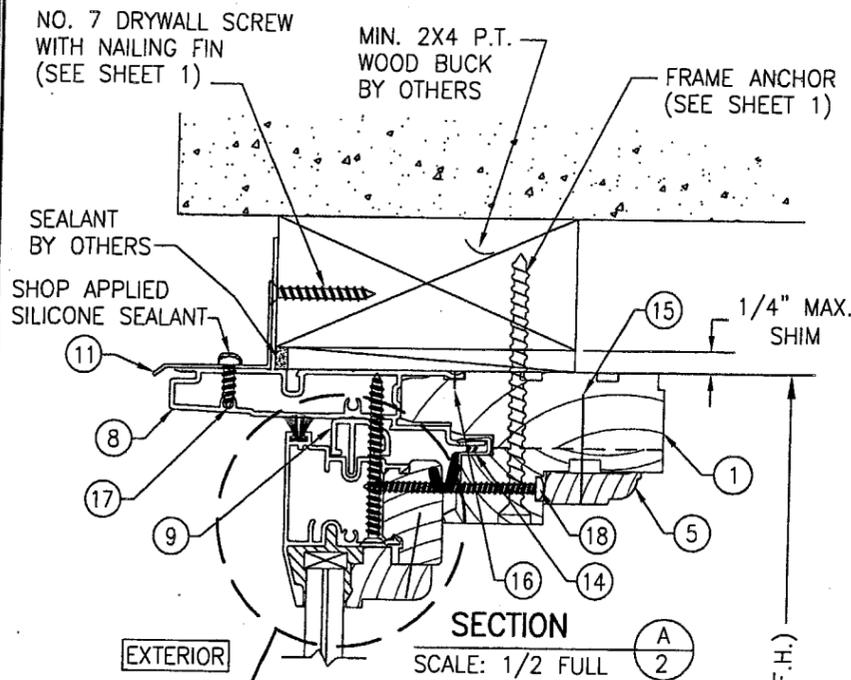
\* SHEAR SCREW ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS SPACER, OR ANCHORED TO A MIN. 2X4 NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2X4 BUCK, NO. 10 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE SCREWS SHALL BE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

**MULTIPLE UNIT NOTES:**

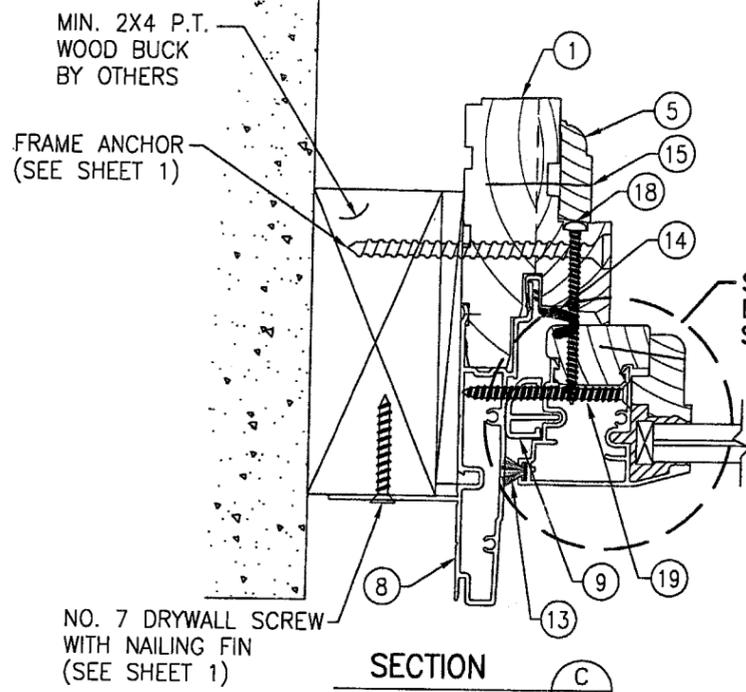
- SCALE: 3/4" = 1'-0"
1. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR +/-60 PSF UNLESS A CLIPPED MULLION IS USED PER WEATHER SHIELD'S MULLION APPROVAL.
  2. WHEN BOTH WINDOW WIDTHS ARE 32" OR LESS, THE MULLION SPAN (WINDOW HEIGHT) MAY BE INCREASED TO 72" AND THE ALLOWABLE PRESSURE MAY BE INCREASED TO +/-60/-75 PSF.
  3. FOR CLIPPED MULLION COMBINATIONS, SEE DRAWINGS NO. M96-05 & M96-06 UNDER SEPERATE APPROVAL.
  4. ONE OF THE TWO WINDOWS SUPPORTED BY THE MULLION MAY BE WIDER THAN 58" WHEN THE OPPOSITE WINDOW IS 36" WIDE OR LESS. WHEN BOTH WINDOWS ARE LESS THAN 58" WIDE, THE CENTER LINE TO CENTERLINE DIMENSION RESTRICTION OF 47" SHOWN SHALL APPLY & THEREBY RESTRICT THE WIDTH OF BOTH WINDOWS.

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0420-04  
 Expiration Date 02/13/08  
 By: *Warren W. Schaefer*  
 Miami Dade Product Control  
 Division

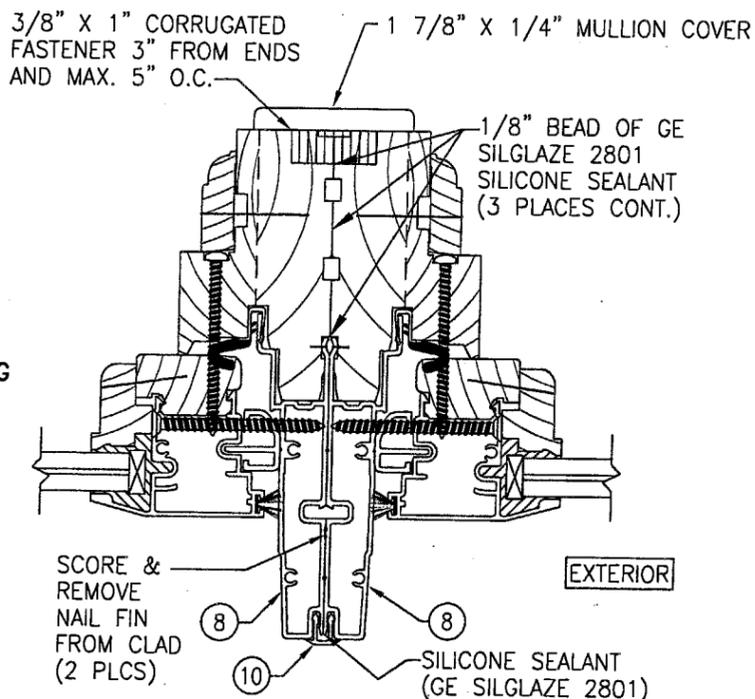
DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 03/21/02	
NO.	REVISION DESCRIPTION	DATE	BY
A1	ADDED NEW GLASS & GLAZING		
A2	UPDATE LOAD TABLES TO ASTM E1300-02		
A3	UPDATE GENERAL NOTES		
DRAWING TITLE LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT IMPACT WINDOW			
MANUFACTURER WEATHER SHIELD WINDOWS & 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. 1071		REV. A	
SHEET NO. 1 OF 4			



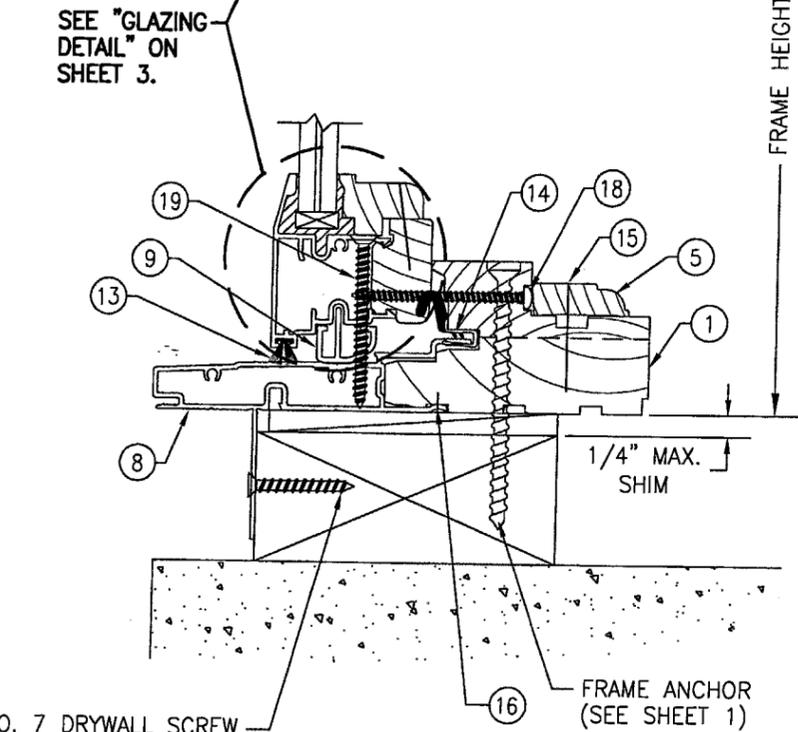
SECTION A  
SCALE: 1/2 FULL



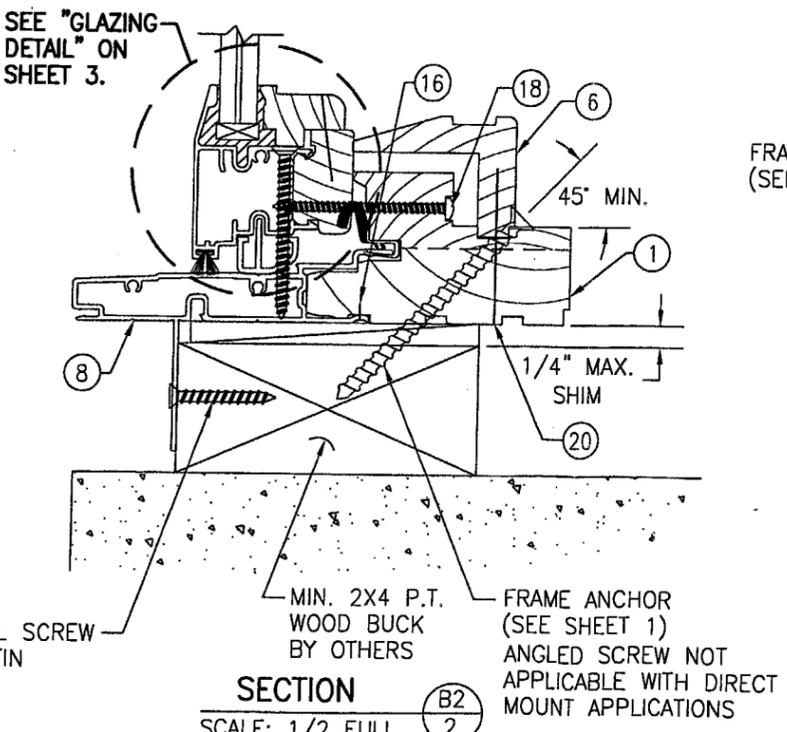
SECTION C  
SCALE: 1/2 FULL



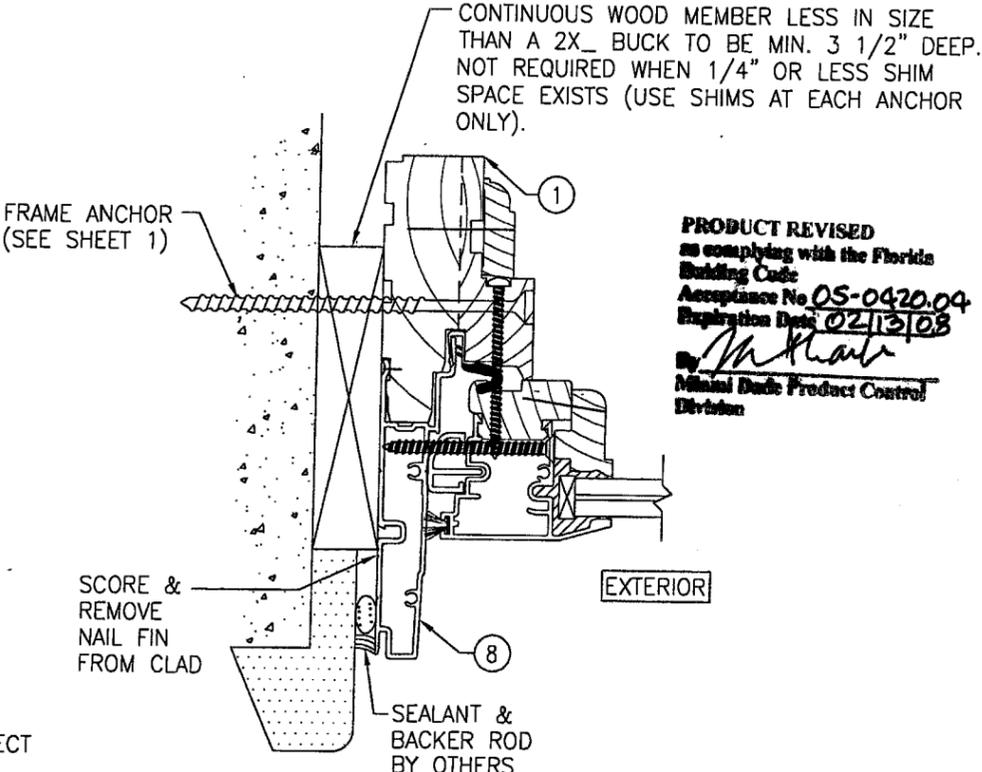
SECTION D  
SCALE: 1/2 FULL



SECTION B1  
SCALE: 1/2 FULL



SECTION B2  
SCALE: 1/2 FULL  
(OPTIONAL COVER & FRAME FASTENER)  
(AT SILL ONLY)



OPTIONAL DIRECT MOUNT DETAIL  
(TYPICAL ALL SIDES)  
FOR DETAIL NOT SHOWN,  
SEE OTHER SECTIONS.

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 03/21/02
NO.	REVISION DESCRIPTION

DRAWING TITLE  
**LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT 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

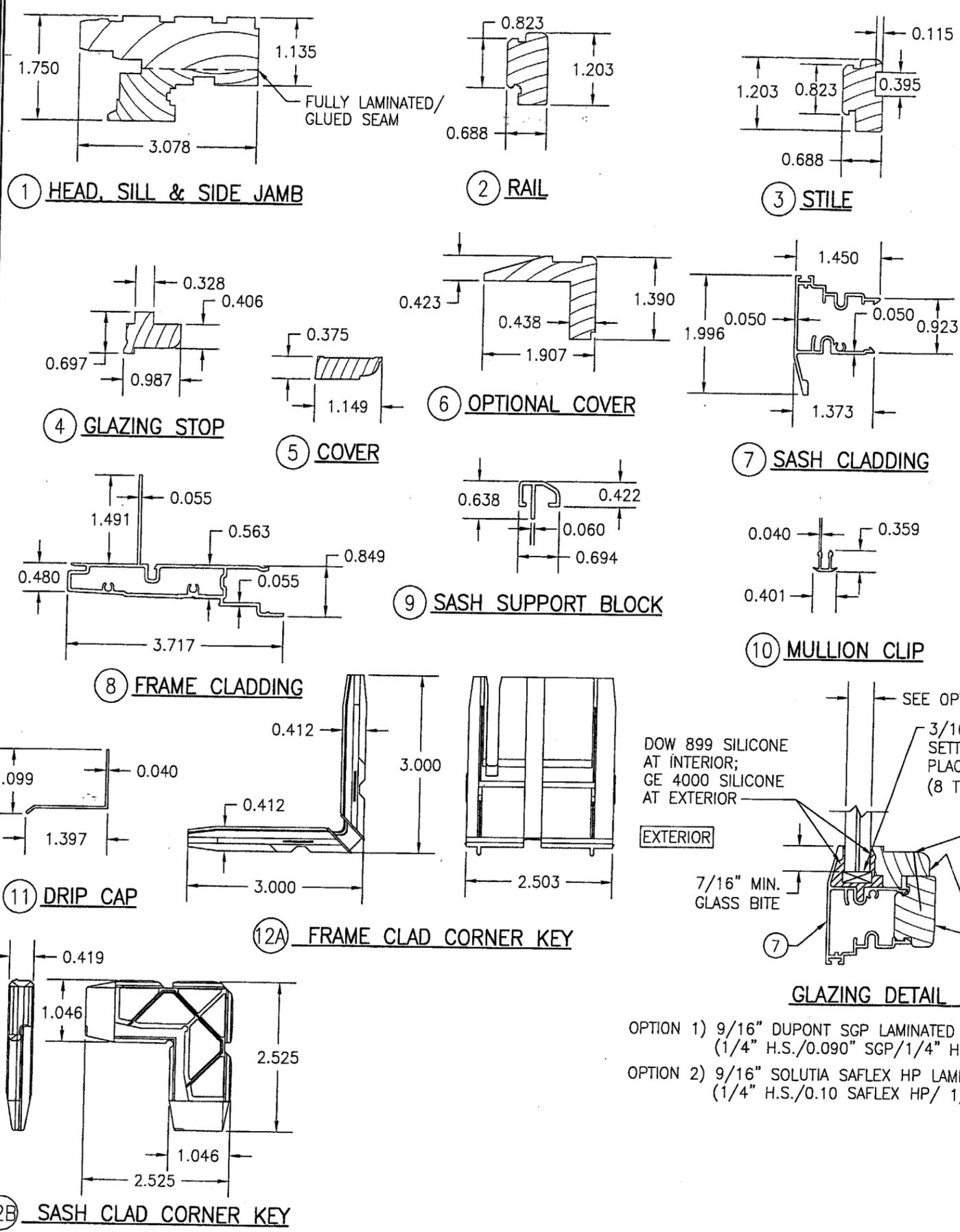
DRAWING NO.  
**1071**

REV.  
**A**

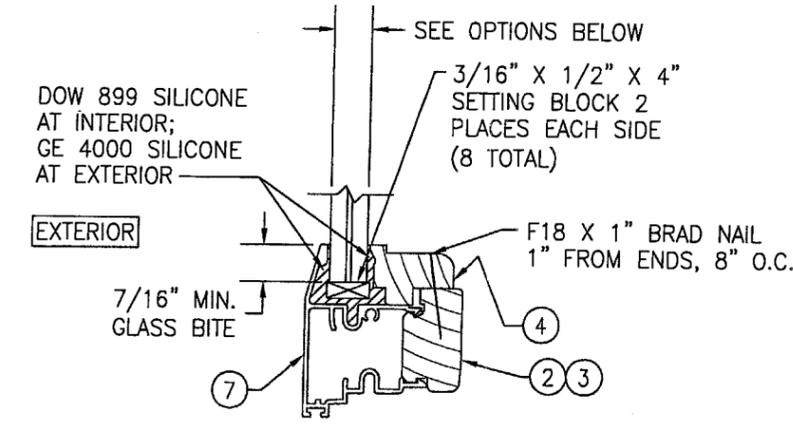
SHEET NO.  
**2** OF **4**

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No **05-0420.04**  
Expiration Date **02/13/08**  
By *M. Khan*  
Miami Dade Product Control  
Division

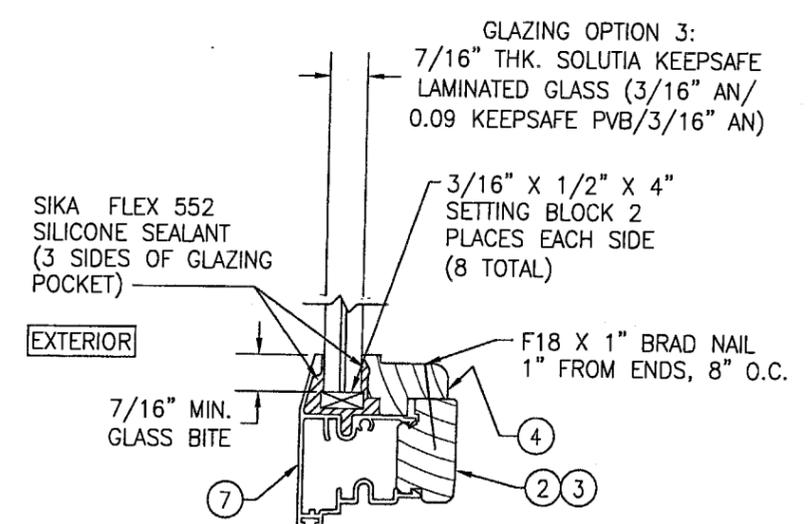
ITEM #	DRAWING #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	09-0060-M01	HEAD, SILL & SIDE JAMB	* WOOD
2	09-0248-M01	RAIL	* WOOD
3	09-0249-M01	STILE	* WOOD
4	09-0190-M0196	GLAZING STOP	* WOOD
5	09-0069-M01	COVER	* WOOD
6	XXXX	OPTIONAL "L" COVER	* WOOD
7	04-0012-M01	SASH CLADDING	6063-T5 ALUMINUM
8	04-0016-M01	FRAME CLADDING	6063-T5 ALUMINUM
9	02-0025-M01	SASH SUPPORT BLOCK; 3" LENGTH	PVC; 6" FROM CNR & @ CTR
10	04-0005-M051	MULLION CLIP	6063-T5 ALUMINUM
11	04-A2581	DRIP CAP	6063-T5 ALUMINUM
12A	12-0020-M	FRAME CLAD CORNER KEY	GLASS REINFORCED NYLON
12B	12-0025-M	SASH CLAD CORNER KEY	DIE CAST ZINC
SEALS & SEALANTS			
13	12-0070-M01	SASH, PILE WEATHERSTRIP	-
14	12158	CASEMENT SEAL	AMESBURY GROUP, INC.
FASTENERS			
15	-	F16 X 1 1/4" BRAD NAIL	3" FROM ENDS & 15" MAX. O.C.
16	-	1/2" X 1/2" STAPLES	6" FROM ENDS & 15" MAX. O.C.
17	-	NO. 6 X 3/8" PH SMS	3" FROM ENDS & @ 3RD PTS
18	-	NO. 8 X 2" WOOD SCREW	3 3/4" FROM ENDS & 10" O.C.
19	-	NO. 8 X 2" DRYWALL SCREW	3" FROM ENDS & 12" MAX. O.C.
20	-	1/2" X 1 7/8" 16 GA. STAPLE GALVANIZED STEEL	AS REQUIRED TO HOLD COVER IN PLACE



\* 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.



- GLAZING DETAIL 1**
- OPTION 1) 9/16" DUPONT SGP LAMINATED GLASS (1/4" H.S./0.090" SGP/1/4" H.S.)
  - OPTION 2) 9/16" SOLUTIA SAFLEX HP LAMINATED GLASS (1/4" H.S./0.10 SAFLEX HP/ 1/4" H.S.)



**GLAZING DETAIL 2**

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 05-0470-04  
 Expiration Date 02/13/08  
 By: *[Signature]*  
 Miami Dade Product Control Division

DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/21/02	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT 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. 1071		REV. A	
SHEET NO. 3 OF 4			

**9/16" SENTRY GLASS PLUS LAMINATED HEAT STRENGTHENED GLASS  
(GLAZING OPTION 1)**

(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.
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	74.9		
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					
63"										60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0					
66"												57.3	71.6	57.3	71.6	57.3	71.6							
72"														52.5	65.6	52.5	65.6							
(1) LONG DIMENSION	48"	54"	58"	60"	72"	84"	96"	100"	108"	120"	132"	144"												

**9/16" SOLUTIA SAFLEX HP100 LAMINATED HEAT STRENGTHENED GLASS  
(GLAZING OPTION 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.
36"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0
42"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0
48"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0
54"			55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0		
60"								55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0					
63"										55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0					
66"												52.5	64.0	52.5	64.0	52.5	64.0							
72"														48.1	58.6	48.1	58.6							
(1) LONG DIMENSION	48"	54"	58"	60"	72"	84"	96"	100"	108"	120"	132"	144"												

**7/16" SOLUTIA KEEPSAFE LAMINATED ANNEALED GLASS  
(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.
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																		
(1) LONG DIMENSION	54"	60"	66"	72"	77"	84"	90"	96"	99"	102"	108"	120"												

**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.

**FRAME CORNER CONSTRUCTION**

AT EACH CORNER THE WOOD FRAME MEMBERS ARE COPED, SEALED WITH GE 2801 SILGLAZE THEN BUTTED TOGETHER AND MECHANICALLY FASTENED USING THREE (3) 1/2" X 1 1/2" LONG 16 GA. GALVANIZED STEEL STAPLES.

AT EACH CORNER THE ALUMINUM FRAME CLADDING MEMBERS ARE MITER CUT, SEALED, BUTTED TOGETHER AND MECHANICALLY FASTENED USING ONE (1) NO. 7 X 3/8" FH UNDERCUT FASTENER. THE FRAME CLAD CORNERS ARE REINFORCED WITH AN INSERTED GLASS FILLED CORNER KEY. A PSA1 CLOSED CELL FOAM CORNER GASKET IS APPLIED AT EACH FRAME CORNER SEALING THE JOINT BETWEEN ADJOINING MEMBERS.

**SASH CORNER CONSTRUCTION**

AT EACH CORNER THE WOOD SASH MEMBERS ARE COPED, SEALED WITH GE 2801 SILGLAZE THEN BUTTED TOGETHER AND MECHANICALLY FASTENED USING ONE (1) F16 X 1 3/4" FINISH NAIL.

AT EACH CORNER THE ALUMINUM SASH CLADDING MEMBERS ARE MITER CUT, SEALED, BUTTED TOGETHER AND MECHANICALLY FASTENED USING TWO (2) NO. 6 X 1 1/4" PILOT POINT SCREWS. THE SASH CLAD CORNERS ARE REINFORCED WITH AN INSERTED ZINC DIE CAST CORNER KEY.

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 03/21/02
NO.	DATE
REVISION DESCRIPTION	BY

**LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT 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**

By *Warren W. Schaefer*  
**WARREN W. SCHAEFER, P.E.**  
P.E. NO. 44135

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No **05-0420.04**  
Expiration Date **02/13/08**

By *Warren W. Schaefer*  
**Miami Dade Product Control**  
Division

DRAWING NO. <b>1071</b>	REV. <b>A</b>
SHEET NO. <b>4 OF 4</b>	