



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Weather Shield Manufacturing, Inc.
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 "Contempra TFT Direct Set" Aluminum Clad Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1054, titled "Direct Set "Contempra" TFT Aluminum Clad Wood Window", sheets 1 through 4 of 4, dated 06/07/01 with revision A3, prepared by W.W. Schaeffer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Renewal 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 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 **renews NOA # 05-0420.05** and 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 **Manuel Perez, P.E.**



NOA No. 08-0130.03
Expiration Date: April 15, 2013
Approval Date: May 15, 2008
Page 1

Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1054**, titled "Direct Set "Contempra" TFT Aluminum Clad Wood Window", sheets 1 through 4 of 4, dated 06/07/01 with revision A3, prepared by W.W. Schaeffer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with the manufacturer's parts drawings, installation diagram and marked-up drawings of a direct set wood fixed window prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0037-0304-00**, dated 02/28/00, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA# 03-0123.01)
2. Test reports on: 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94.
3) Water Resistance Test, per 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 the manufacturer's parts drawings, installation diagram and marked-up drawings of three specimens of a direct set wood fixed window prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0037-1105-00**, dated from 10/31/00 to 11/06/00, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA# 03-0123.01)
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with the manufacturer's parts, sections and marked-up drawings (for 9 specimens) prepared by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0037-0208-98**, Hurricane Test Laboratory, Inc., dated 02/11/98, signed and sealed by Timothy S. Marshall, P.E.
(Submitted under NOA# 03-0123.01)
4. Test reports on: 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94.
3) Water Resistance Test, per TAS 202-94.
along with the manufacturer's parts, sections and marked-up drawings prepared by Architectural Testing, Inc. Test Report No. **ATI-16360**, dated September 11, 1995, signed and sealed by Allen N. Reeves, P.E.
(Submitted under NOA# 03-0123.01)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0130.03

Expiration Date: April 15, 2013
Approval Date: May 15, 2008

Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. 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. **TCTCWI04014** dated 12/07/04, signed and sealed by Thomas Allan Kolden, P.E.
(Submitted under NOA #05-0420.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 6/21/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E. **Complies with ASTM E1300-98**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "**Saflex HP Glass Interlayer**" dated 04/17/08, expiring on 04/14/13.
2. Notice of Acceptance No. **04-0115.01** issued to Viracon, Inc. for their "**Viracon HRG-2**", dated 02/12/04, expiring on 02/12/09.
3. Notice of Acceptance No. **03-0225.10** issued to Glasslam NGI Inc. for their "**Safety-Plus II - Laminated Glass**" dated 08/07/03, expiring on 08/07/08.
4. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of conformance, dated 01/11/08, signed and sealed by Warren Schaefer, P.E.
2. Statement letter of no financial interest, dated June 8, 2001, signed and sealed by Warren Schaeffer, P.E.

G. OTHER

1. Notice of Acceptance No. **05-0420.05**, issued to Weather Shield Windows & Doors for their Series "Contempra TFT Direct Set" Aluminum Clad Wood Fixed Window approved on 06/16/05 and expiring on 04/15/08.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0130.03
Expiration Date: April 15, 2013
Approval Date: May 15, 2008

Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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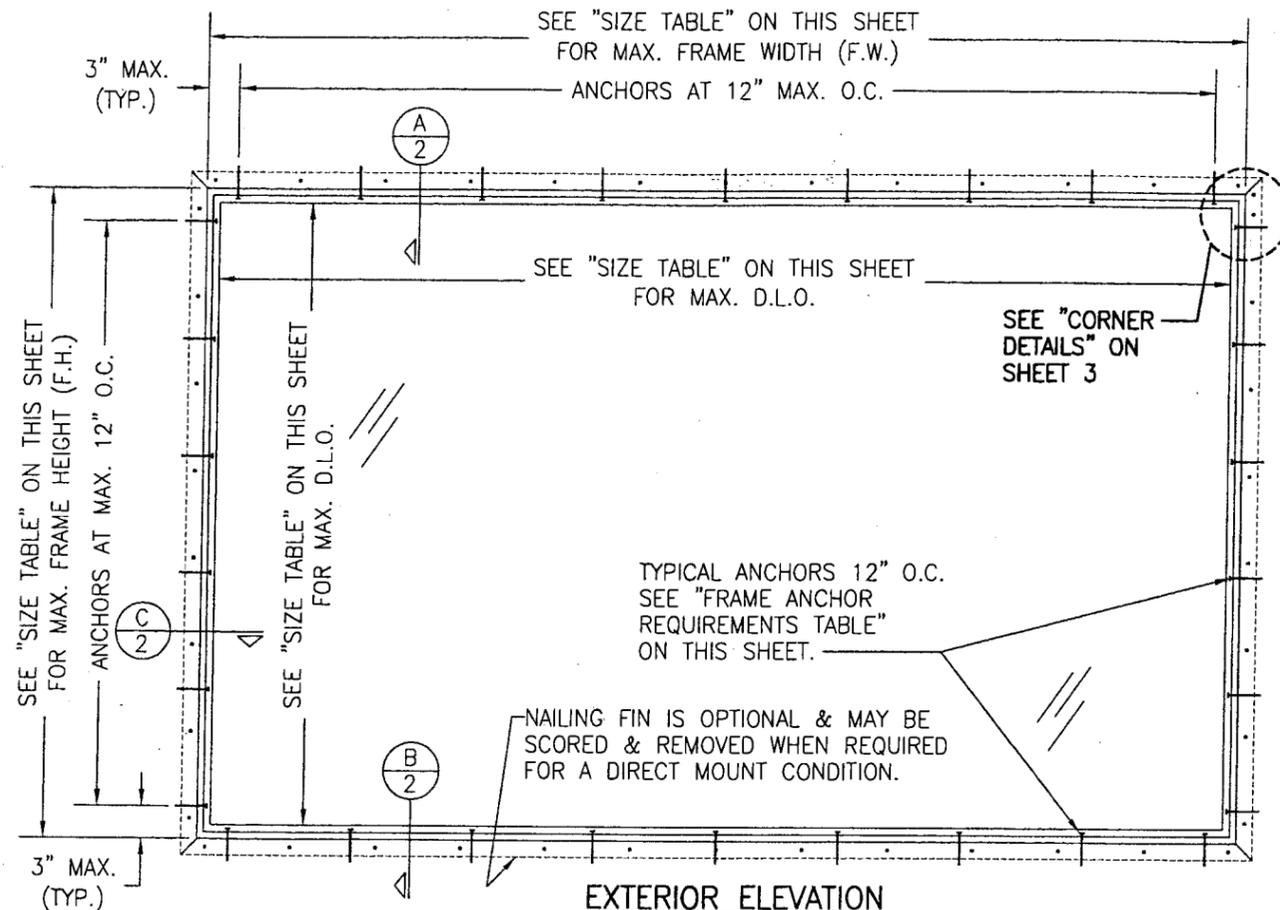
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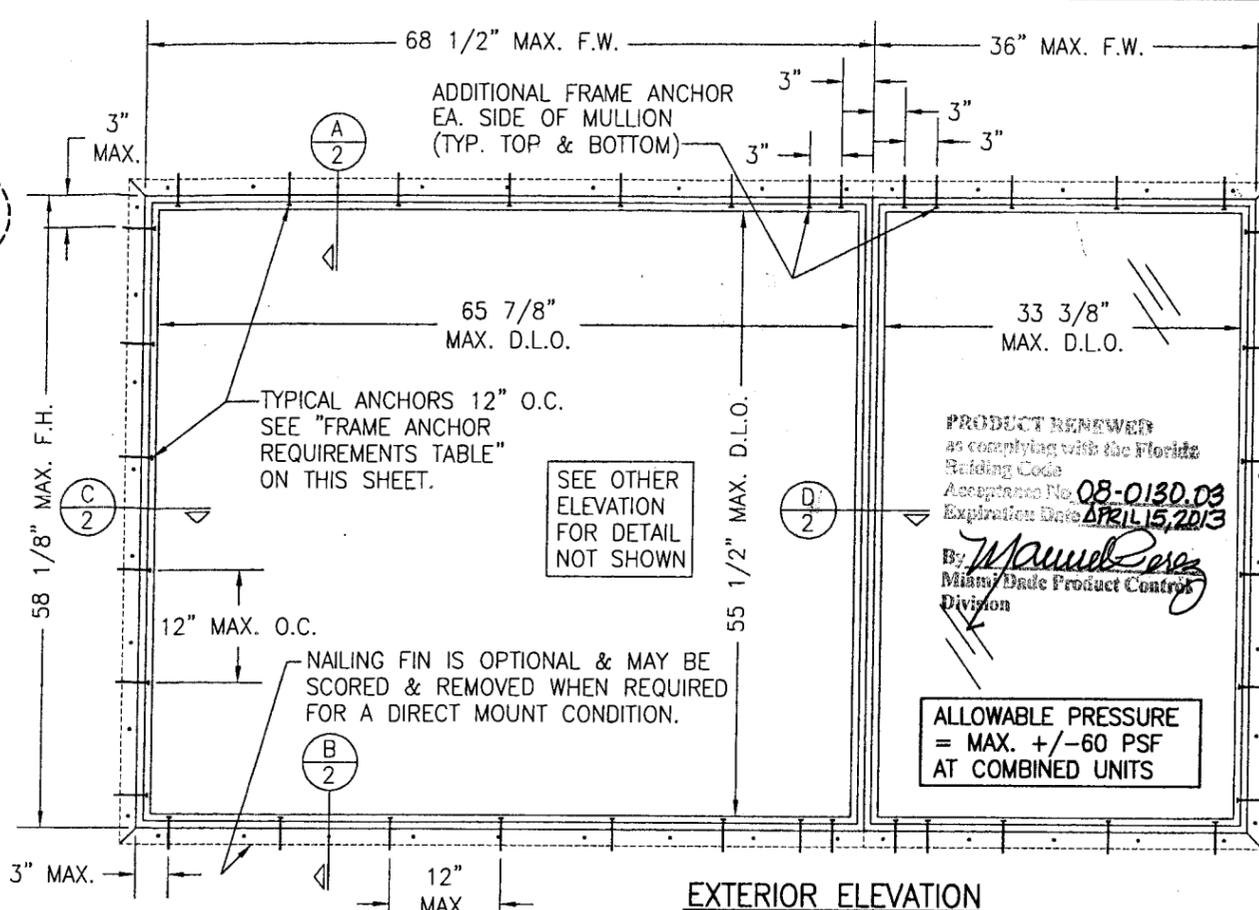
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Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0130.03
Expiration Date: April 15, 2013
Approval Date:



**EXTERIOR ELEVATION
SINGLE DIRECT SET WINDOW**



**EXTERIOR ELEVATION
MULTIPLE DIRECT SET WINDOWS
(MAX. FOUR UNITS MAY BE COMBINED)**

APPROVED SHAPES

RECTANGULAR	OCTAGON	PARALLELOGRAM
FULL CIRCLE	CATHEDRAL/GOTHIC	INVERTED CIRCLE TOP
HALF CIRCLE	EXTENDED ELLIPTICAL	INVERTED ARCH TOP
QUARTER CIRCLE	MITERED CORNER	EXTENDED HALF ROUND
CIRCLE TOP	ARCH TOP	EXTENDED SEGMENTAL
HALF CIRCLE TOP	TRIANGULAR	QUARTERFOIL
OVAL	TRAPEZOID	PARTIAL ARCH
ELLIPTICAL	PENTAGON	EYEBROW
PARTIAL ELLIPTICAL		

NOTE: ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF FOR THE RESPECTIVE RECTANGULAR UNIT

ALLOWABLE WINDOW SIZE TABLE

HEIGHT (IN.)	WIDTH (IN.)	D.L.O. (IN.)	
		HEIGHT	WIDTH
47	124	44 3/8	121 3/8
48	120	45 3/8	117 3/8
54	108	51 3/8	105 3/8
58	100	55 3/8	97 3/8
59 3/4	97 1/2	57 1/8	94 7/8
72	80	69 3/8	77 3/8

APPLICABLE FOR SINGLE WINDOWS ONLY.

NOTES:
1. HEIGHT (F.H.) & WIDTH (F.W.) ARE INTERCHANGABLE.
2. ALL HEIGHT & WIDTH DIMENSIONS ARE +/- 1/2"

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" TAPCON	1 1/4"	2"

ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A 1X4 P.T. CONTINUOUS SPACER, OR ANCHORED TO A MIN. 2X4 NO. 2 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" TAPCONS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

- MULTIPLE UNIT NOTES:**
1. WHEN BOTH WINDOWS ARE TO BE WIDER THAN 36" (F.W.), BOTH WINDOWS SHALL BE RESTRICTED BY A MAXIMUM F.W. OF 48".
 2. WHEN EITHER WINDOW IS TO BE 36" F.W. OR LESS, THE OTHER WINDOW MAY BE UP TO 68 1/2" F.W.
 3. 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.
 4. FOR CLIPPED MULLION COMBINATIONS, SEE DRAWINGS NO. M96-05 & M96-06 UNDER SEPERATE APPROVAL.

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

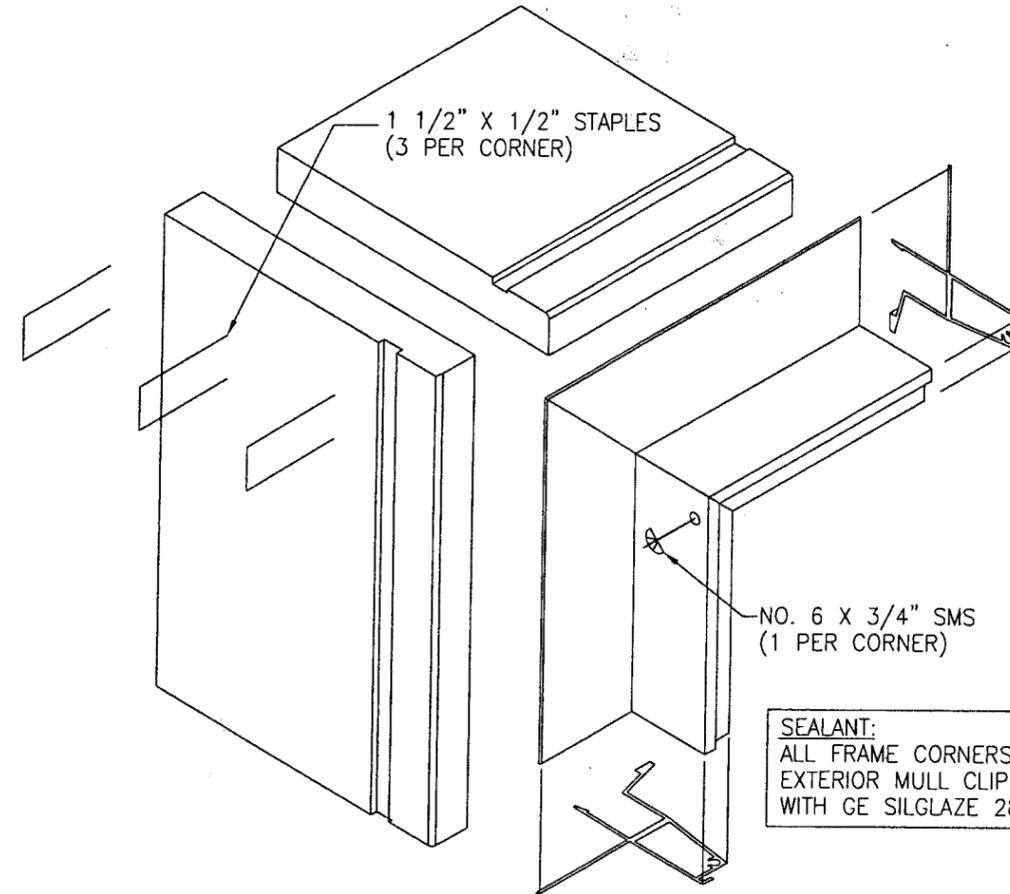
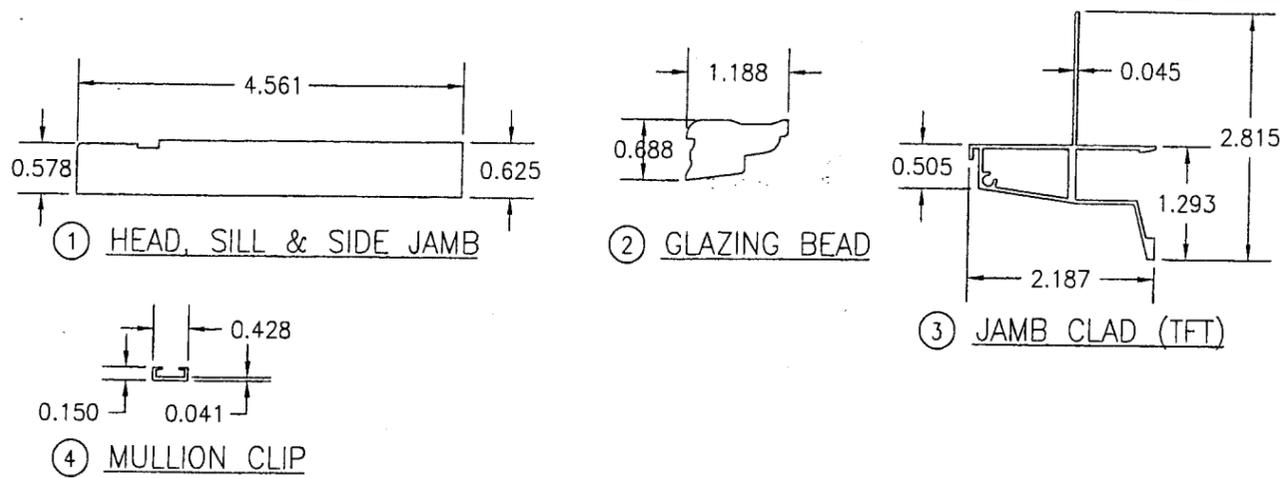
**IMPACT RESISTANT WINDOWS
SHUTTERS NOT REQUIRED**

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. **05-0420.05**
Expiration Date **04/15/08**
By *M. Khat*
Miami Dade Product Control Division

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 06/07/01	
NO.	REVISION DESCRIPTION	BY	DATE
A1	ADDED NEW GLASS & GLAZING		
A2	UPDATE LOAD TABLES TO ASTM E1300-02		
A3	UPDATE GENERAL NOTES		
DRAWING TITLE			
DIRECT SET 'CONTEMPRA' TFT ALUMINUM CLAD WOOD 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.		REV.	
1054		A	
SHEET NO.			
1 OF 4			

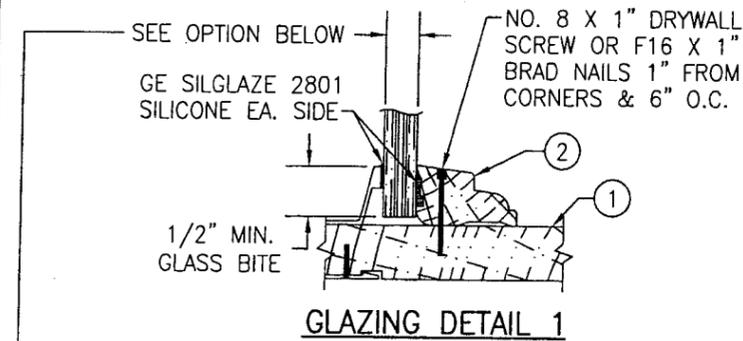
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	902922	4	HEAD, SILL & SIDE JAMB	* WOOD	WEATHER SHIELD
2	902902	4	GLAZING BEAD	* WOOD	WEATHER SHIELD
3	902920	4	JAMB CLAD (TFT)	6063-T5 ALUMINUM	WEATHER SHIELD
4	780959	1	TFT MULL CAP	6063-T5 ALUMINUM	CAPITAL PRODUCTS

* 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.

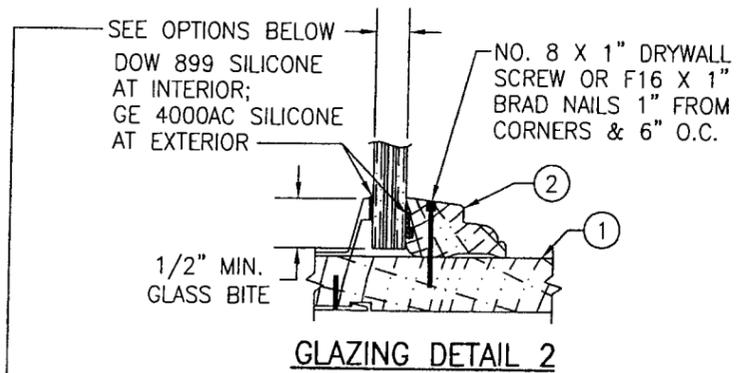


SEALANT:
ALL FRAME CORNERS, JOINTS &
EXTERIOR MULL CLIP SEALED
WITH GE SILGLAZE 2801

FRAME CORNER DETAIL



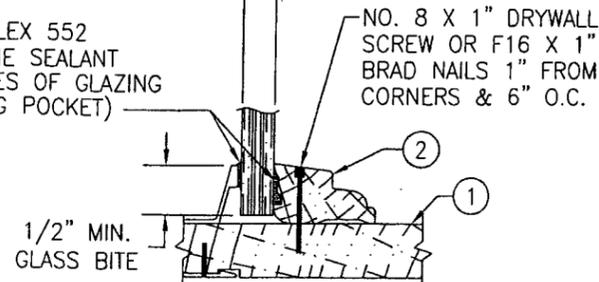
GLAZING OPTIONS (TYP. FOR DETAIL 1):
GLAZING OPTION 1) 1/2" THK. NEBULA GLASSLAM SAFETY PLUS (3/16" AN/0.06 RESIN/0.01 PET/0.06 RESIN/3/16" AN)



GLAZING OPTIONS (TYP. FOR DETAIL 2):
GLAZING OPTION 2) 5/8" THK. VIRACON HRC2 (1/4" H.S./0.05 URETHANE/0.08 POLYCARBONATE SHEET/0.05 URETHANE/1/4" H.S.)
GLAZING OPTION 3) 9/16" THK. SOLUTIA SAFLEX (1/4" H.S./0.09 SOLUTIA SAFLEX PVB/1/4" H.S.)

GLAZING OPTION 4:
7/16" THK. SOLUTIA KEEPSAFE
LAMINATED GLASS (3/16" AN/
0.09 KEEPSAFE PVB/3/16" AN)

SIKA FLEX 552
SILICONE SEALANT
(3 SIDES OF GLAZING
GLAZING POCKET)



GLAZING DETAIL 3

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **08-0130.03**
Expiration Date **APRIL 15, 2013**

By *Manuel Perez*
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **05-0420.05**
Expiration Date **04/15/08**

By *Manuel Perez*
Miami Dade Product Control
Division

DRAWING TITLE	DRAWN BY:		CHECKED BY:	
	W.W.S.	DATE:	W.W.S.	DATE:
DIRECT SET 'CONTEMPRA' TFT ALUMINUM CLAD WOOD WINDOW	1=2	06/07/01		
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.	REV.			
1054	A			
SHEET NO.				
3	OF 4			

9/16" SOLUTIA SAFLEX LAMINATED HEAT STRENGTHENED GLASS (WITH 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.
30"	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
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
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
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
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		
60"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0						
66"	50.0	60.9	50.0	60.9	50.0	60.9										
72"	45.8	55.8	45.8	55.8												
(1) LONG DIMENSION	72"	80"	88"	96"	98"	104"	108"	120"								

1/2" GLASSLAM NEBULA SAFETY PLUS LAMINATED ANNEALED GLASS (WITH GLAZING DETAIL 1 & 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.
30"	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
36"	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
42"	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
48"	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
54"			70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.0	69.0	61.7	61.7	55.0	55.0	52.8
60"					70.0	70.0	70.0	70.0	70.0	63.2	63.2	57.9	57.9	51.6	51.6	50.3
66"										63.6	65.5	58.9	58.9	53.3	53.3	
72"										58.3	61.6	55.3	55.3			
(1) LONG DIMENSION	48"	56"	64"	72"	80"	88"	96"	98"	104"	108"	120"					

5/8" VIRACON HRG2 LAMINATED HEAT STRENGTHENED GLASS (WITH GLAZING DETAIL 2 & 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.
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
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
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
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
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"	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"	54.5	68.2	54.5	68.2	54.5	68.2										
72"	50.0	62.5	50.0	62.5												
(1) LONG DIMENSION	72"	80"	88"	96"	98"	104"	108"	120"								

7/16" SOLUTIA KEEPSAFE LAMINATED ANNEALED GLASS (WITH GLAZING DETAIL 3 & GLAZING OPTION 4)

(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)															
	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
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
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
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		
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		
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"			60.0	75.0	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

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. **08-0130.03**
 Expiration Date **APRIL 15, 2013**
 By *Manuel Ong*
 Miami Dade Product Control
 Division

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **05-0470.05**
 Expiration Date **04/15/08**
 By *M. Shank*
 Miami Dade Product Control
 Division

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/06/01
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE DIRECT SET 'CONTEMPRA' TFT ALUMINUM CLAD WOOD WINDOW	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER WEATHER SHIELD WINDOWS & DOORS
600 SANDTREE 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	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1054	REV. A
SHEET NO. 4 OF 4	