



**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)

**Weather Shield Manufacturing, Inc.
1 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Contempra TFT" Direct Set Aluminum Clad Wood Fixed Window

APPROVAL DOCUMENT: Drawing No. **1054**, titled "Direct Set "Contempra" TFT Aluminum Clad Wood Window", sheets 1 through 4 of 4, dated 06/07/01, 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

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 # **01-0831.03** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 03-0123.01
Expiration Date: April 15, 2008
Approval Date: March 6, 2003
Page 1**

Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

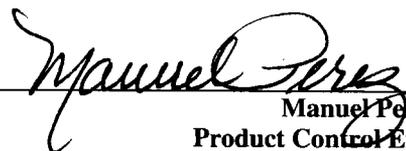
A. DRAWINGS

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, prepared by W.W. Schaeffer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

Submitted under NOA#01-0831.03

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..
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..
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. ***Test performed under original file No. 98-0728.07***
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.



Manuel Perez, P.E.
Product Control Examiner
NOA No 03-0123.01
Expiration Date: April 15, 2008
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Weather Shield Manufacturing, Inc.

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(For File ONLY. Not part of NOA)

C. CALCULATIONS

Submitted under NOA#01-0831.03

1. Anchor calculations and structural analysis, dated 06/06/01, prepared by W.W. Schaeffer Engineering & Consulting, P.A., signed and sealed by Warren Schaeffer, P.E.

D. MATERIAL CERTIFICATIONS

Submitted under NOA#01-0831.03

1. Notice of Acceptance No. **02-0521.06**, issued to Globe Amerada Architectural Glass, L.L.C. for their "**Chem-Temp**® Chemically Strengthened Glass", approved on 07/18/02 and expiring on 07/18/07.
2. 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.
3. Notice of Acceptance No. **01-0911.01**, issued to Globe Amerada Architectural Glass, L.L.C. for their "Glass-Clad Polycarbonate", approved on 01/03/02 and expiring on 09/03/06.
4. Notice of Acceptance No. **00-0614.09**, issued to Viracon, Inc. for their "HRG-2 Laminated Glass", approved on 11/02/00 and expiring on 10/16/03.
5. Notice of Acceptance No. **00-0524.06**, issued to Nebula Glass International, Inc. for their "Glasslam Safety-Plus Laminated Glass", approved on 09/21/00 and expiring on 09/09/03.

E. STATEMENTS

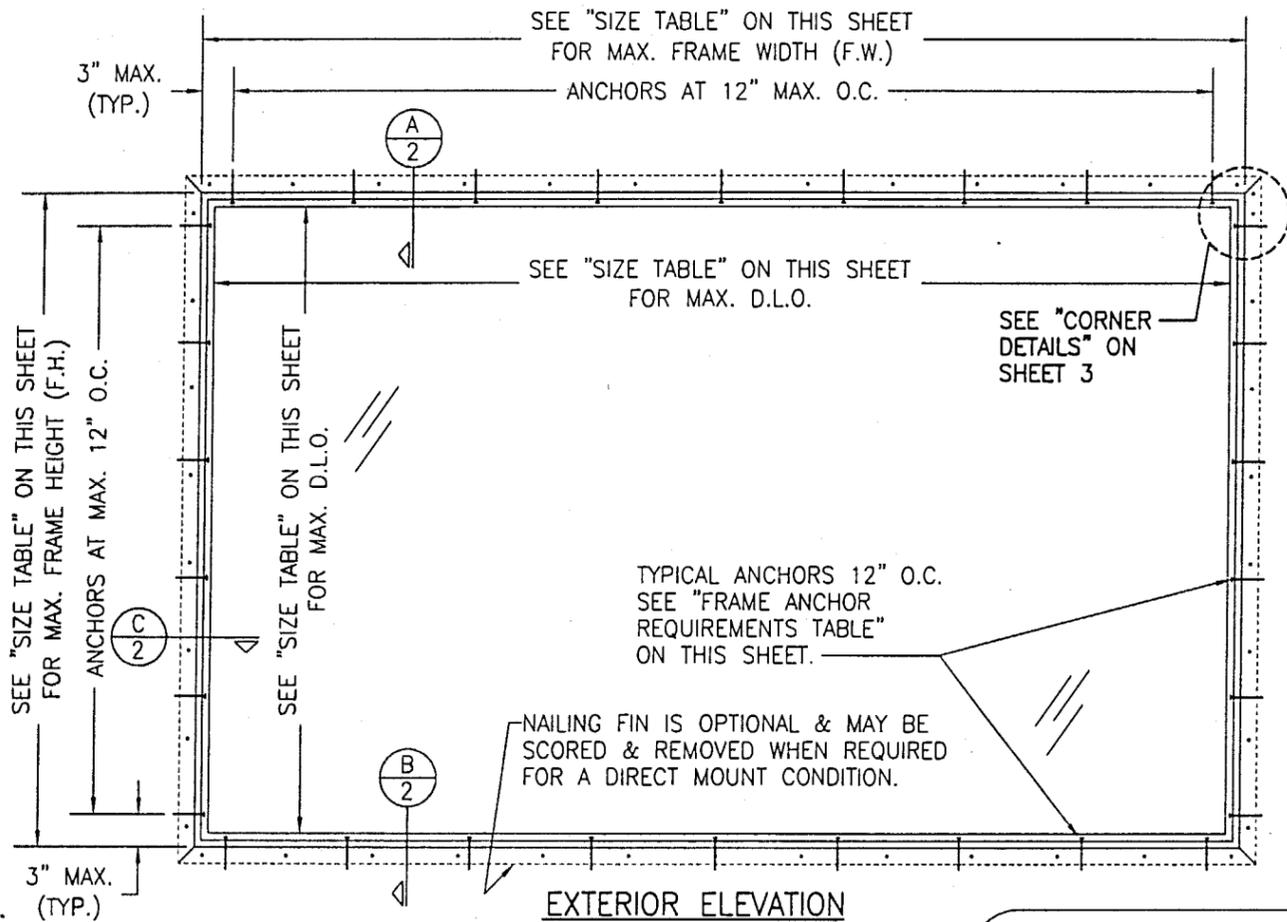
1. None

F. OTHER

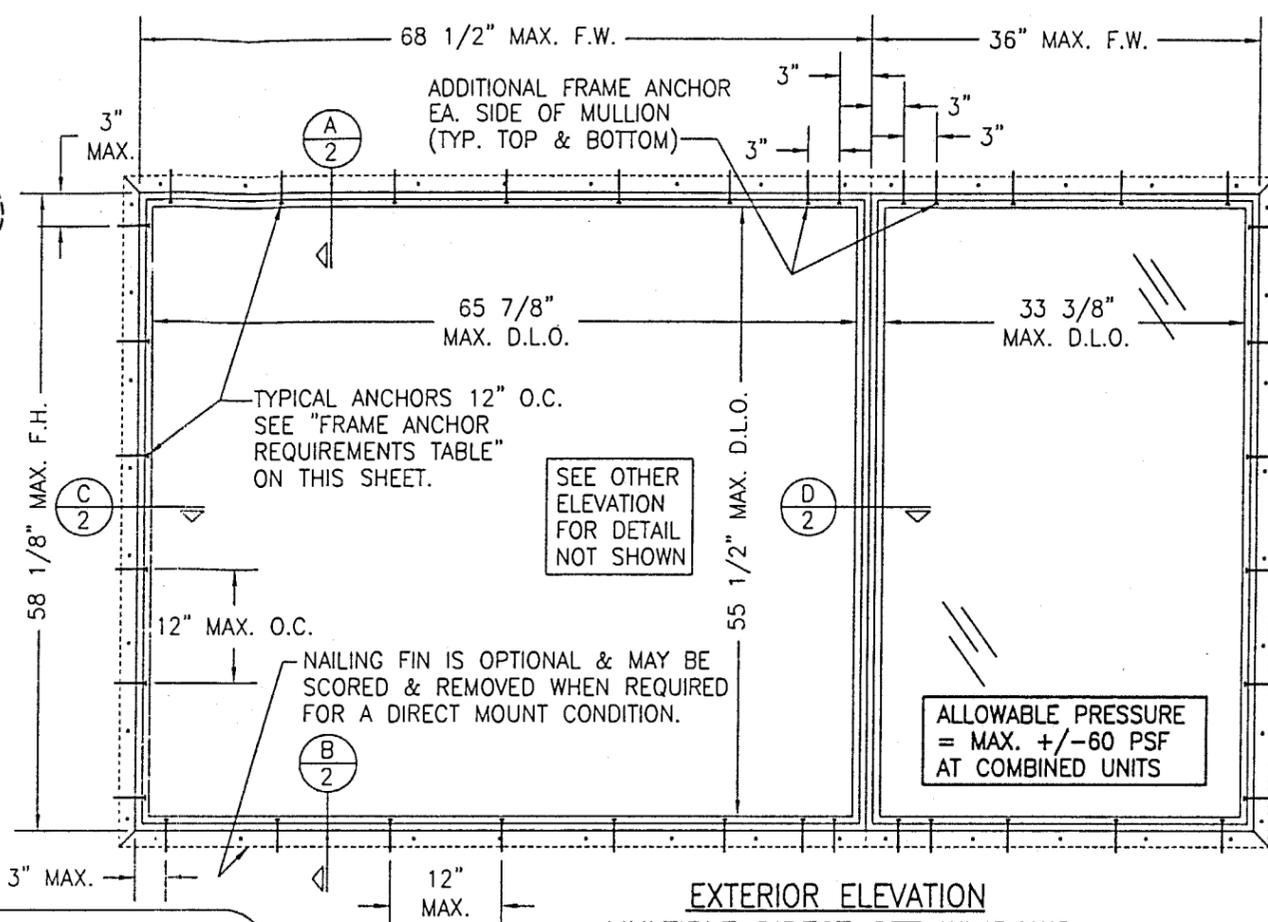
1. Notice of Acceptance No. **01-0831.03** Weather Shield Manufacturing, Inc., for their Series "Contempra TFT" Direct Set Aluminum Clad Wood Fixed Window, approved on 12/26/02 and expiring on 4/15/03.



Manuel Perez, P.E.
Product Control Examiner
NOA No 03-0123.01
Expiration Date: April 15, 2008
Approval Date: March 6, 2003



EXTERIOR ELEVATION
SINGLE DIRECT SET WINDOW



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

ALLOWABLE WINDOW SIZE TABLE

HEIGHT (IN.)	WIDTH (IN.)	D.L.O. (IN.)	
(IN.)	(IN.)	HEIGHT	WIDTH
47	124	44 3/8	121 3/8
48	120	43 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"

- NOTES:
1. THIS STRUCTURE IS DESIGNED AS PER THE FLORIDA BUILDING CODE (FBC).
 2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
 3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
 4. ANCHORING OR LOADING CONDITION NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

APPROVED SHAPES

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

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

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.

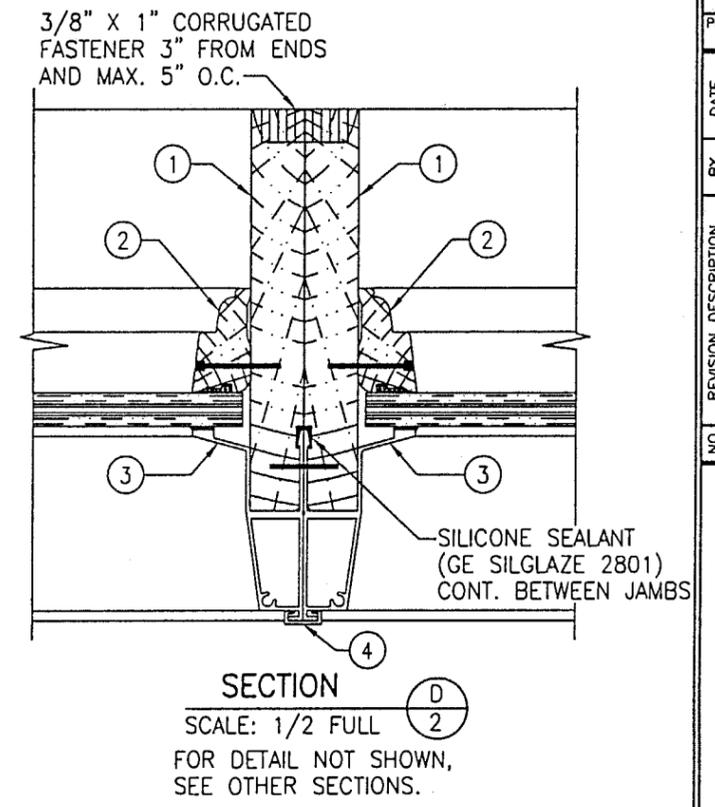
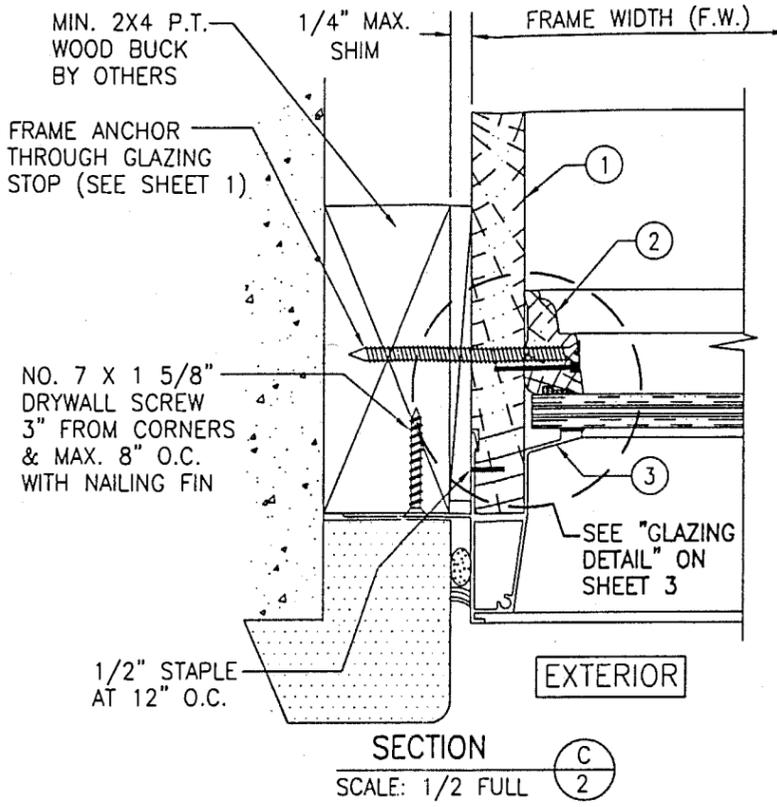
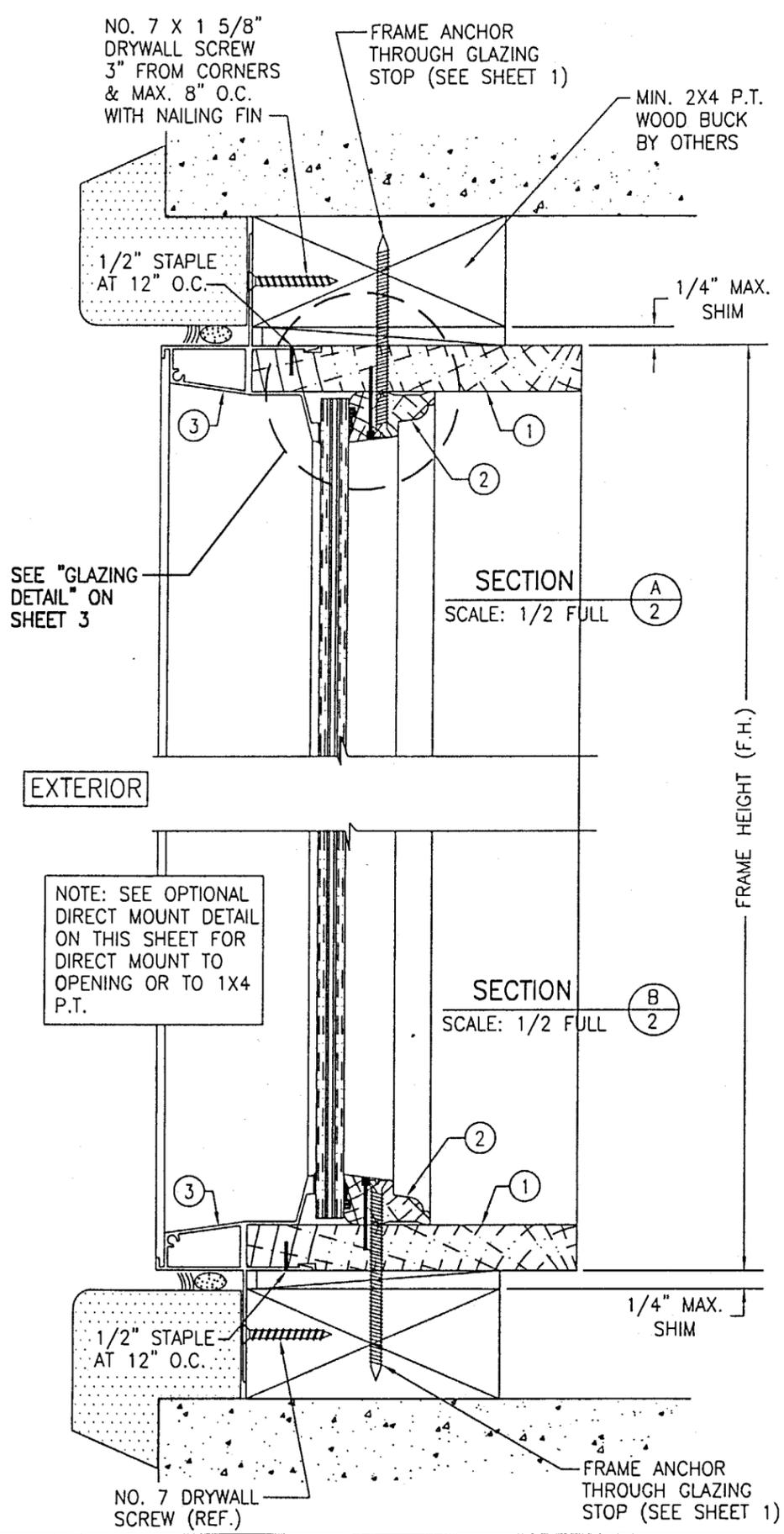
FOR ALLOWABLE DESIGN WIND PRESSURE ON SINGLE WINDOWS, SEE LOAD TABLES ON SHEET 4.

IMPACT RESISTANT WINDOWS
SHUTTERS NOT REQUIRED

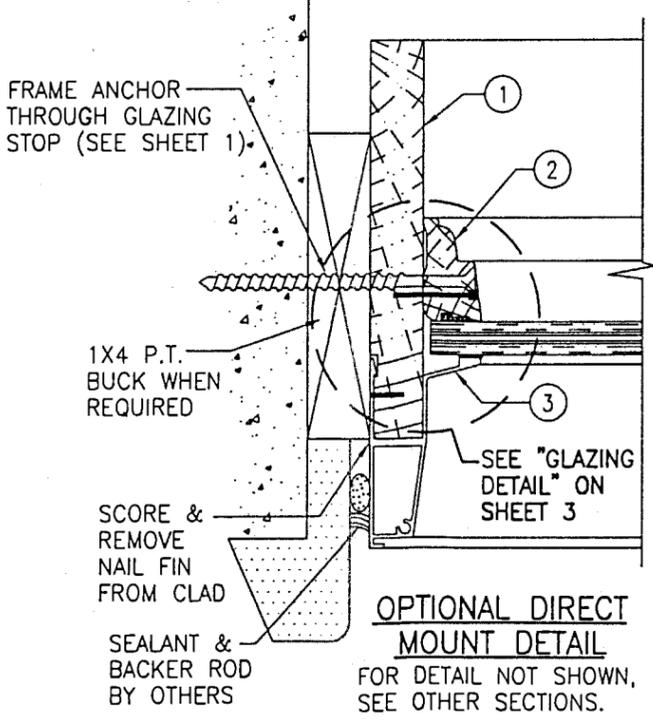
PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 03-0123.01
Expiration Date APRIL 15, 2008

By *Manuel Perry*
Miami Dade Product Control Division
Approved as complying with the Florida Building Code
Date DEC. 26, 2002
NOA# 01-DB31.03
Miami Dade Product Control Division
By *Manuel Perry*

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/07/01
DATE	
BY	
REVISION DESCRIPTION	
NO.	
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	DRAWING NO. 1054
CERTIFICATION SEP 20 2007 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	REV. SHEET NO. 1 OF 4



NOTE: SEE OPTIONAL DIRECT MOUNT DETAIL ON THIS SHEET FOR DIRECT MOUNT TO OPENING OR TO 1X4

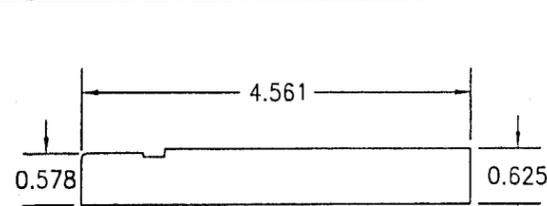


PRODUCT RENEWED
 as complying with the Florida Building Code
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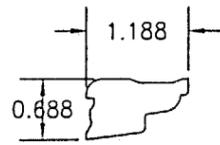
By Manuel Perez
 Miami Dade Product Control Division

Approved as complying with the Florida Building Code
 Date DEC. 26, 2002
 NOA# 01-0831.03
 Miami Dade Product Control Division
 By Manuel Perez

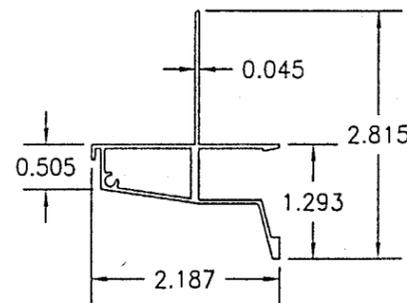
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLT: 1-2		DATE: 06/07/01	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: DIRECT SET 'CONTEMPRA' TFT ALUMINUM CLAD WOOD WINDOW			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: WEATHER SHIELD WINDOWS & DOORS	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403		ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451	
PHONE: 561-775-4902		FAX: 561-775-4903	
FERTIFICATION: SEP 20 2002		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1054	REV.		
SHEET NO. 2	OF 4		



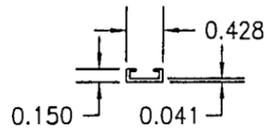
① HEAD, SILL & SIDE JAMB



② GLAZING BEAD



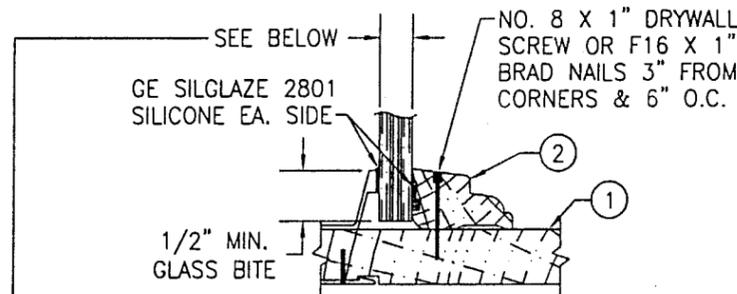
③ JAMB CLAD (TFT)



④ MULLION CLIP

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

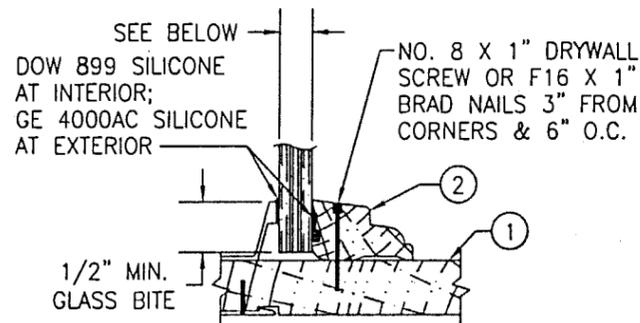
* WOOD USED WITH TEST UNITS WAS PONDEROSA PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRUS.



GLAZING DETAIL 1

GLAZING OPTIONS (TYP. FOR DETAIL 1):

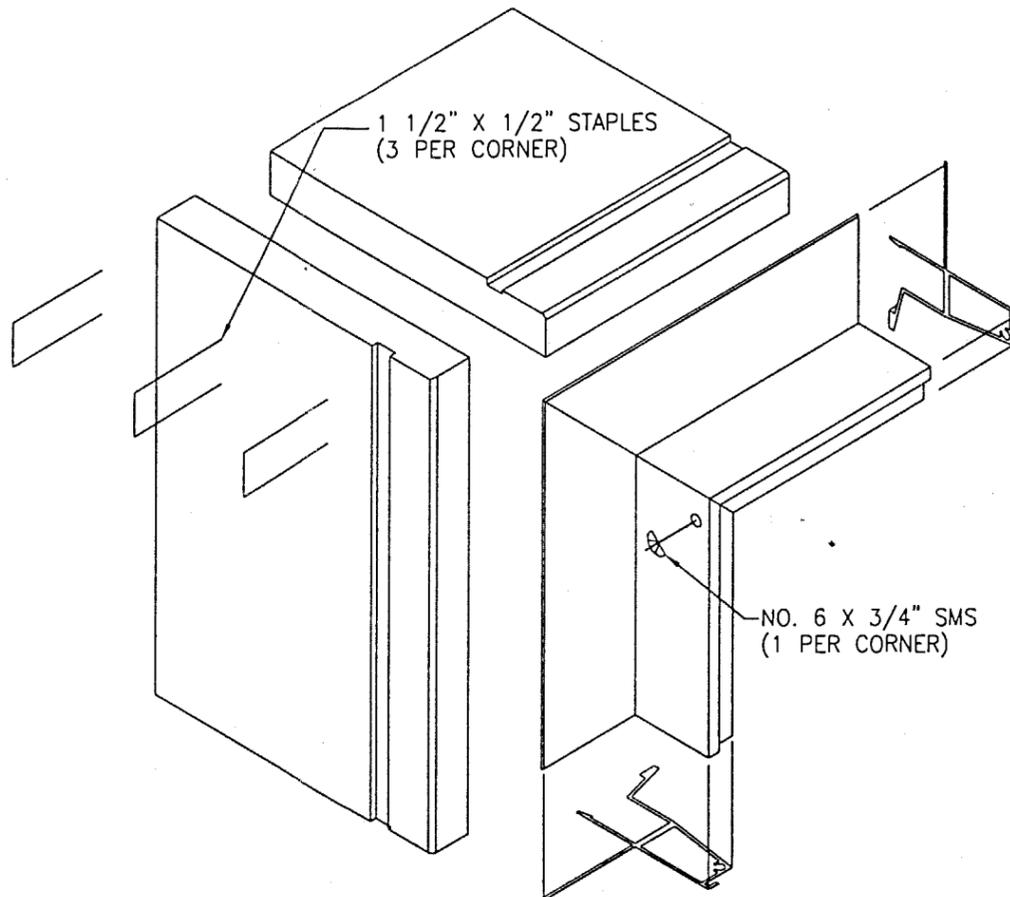
- GLAZING OPTION 1) 1/2" THK. GLOBE AMERADA P380 (3/16" CHEM TEM/0.035 URETHANE/1/16" POLY CARBONATE/0.035 URETHANE/3/16" CHEM TEM)
- GLAZING OPTION 2) 1/2" THK. NEBULA GLASSLAM SAFETY PLUS (3/16" AN/0.06 RESIN/0.01 PET/0.06 RESIN/3/16" AN)



GLAZING DETAIL 2

GLAZING OPTIONS (TYP. FOR DETAIL 2):

- GLAZING OPTION 3) 1/2" THK. GLOBE AMERADA P380 (3/16" CHEM TEM/0.035 URETHANE/1/16" POLY CARBONATE/0.035 URETHANE/3/16" CHEM TEM)
- GLAZING OPTION 4) 5/8" THK. VIRACON HRG2 (1/4" H.S./0.05 URETHANE/0.08 POLYCARBONATE SHEET/0.05 URETHANE/1/4" H.S.)
- GLAZING OPTION 5) 9/16" THK. SOLUTIA SAFLEX (1/4" H.S./0.09 SOLUTIA SAFLEX PVB/1/4" H.S.)



FRAME CORNER DETAIL

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0123-01
Expiration Date APRIL 15, 2008
By Mmanuel Perez
Miami Dade Product Control
Division

Approved as complying with the
Florida Building Code
Date DEC. 26, 2002
NOA# 01-0831.03
Miami Dade Product Control
Division
By Mmanuel Perez

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLLOT: 1-2	DATE: 06/07/01
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE DIRECT SET 'CONTEMPRA' TFT ALUMINUM CLAD WOOD WINDOW	
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	MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555
CERTIFICATION SEP 20 2002 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1054 SHEET NO. 3 OF 4

9/16" SOLUTIA SAFLEX LAMINATED HEAT STRENGTHENED GLASS (WITH GLAZING DETAIL 2 & GLAZING OPTION 5)

(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	0	0
60"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	0	0	0	0	0	0
66"	50.0	60.9	50.0	60.9	50.0	60.9	0	0	0	0	0	0	0	0	0	0
72"	45.8	55.8	45.8	55.8	0	0	0	0	0	0	0	0	0	0	0	0
(1) LONG DIMENSION	72"	80"	88"	96"	98"	104"	108"	120"								

1/2" GLOBE P-380 LAMINATED CHEM TEM 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"	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	72.1	60.0	70.7	60.0	65.8	0	0
54"	60.0	75.0	60.0	75.0	60.0	72.3	60.0	65.9	60.0	64.4	60.0	60.9	57.7	57.7	0	0
60"	60.0	75.0	60.0	73.5	60.0	66.1	60.0	60.2	58.9	58.9	0	0	0	0	0	0
66"	54.5	68.2	54.5	67.4	54.5	59.0	0	0	0	0	0	0	0	0	0	0
72"	50.0	62.5	50.0	62.5	0	0	0	0	0	0	0	0	0	0	0	0
(1) LONG DIMENSION	72"	80"	88"	96"	98"	104"	108"	120"								

5/8" VIRACON HRG2 LAMINATED HEAT STRENGTHENED GLASS (WITH GLAZING DETAIL 2 & 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.
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	0	0
60"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	0	0	0	0	0	0
66"	54.5	68.2	54.5	68.2	54.5	68.2	0	0	0	0	0	0	0	0	0	0
72"	50.0	62.5	50.0	62.5	0	0	0	0	0	0	0	0	0	0	0	0
(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 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"	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	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	67.7	67.7	64.8	64.8	63.0	63.0	62.2	62.2	59.8	59.8	58.8	58.8	56.2	56.2	56.2
42"	70.0	70.0	70.0	70.0	65.6	65.6	59.9	59.9	54.5	54.5	50.7	50.7	47.0	47.0	46.5	46.5	45.4	45.4	44.6	44.6	40.4	40.4	40.4	
48"	70.0	70.0	65.3	65.3	57.7	57.7	51.0	51.0	45.5	45.5	40.9	40.9	38.0	38.0	37.5	37.5	36.1	36.1	35.4	35.4	32.9	32.9	32.9	
54"	-	-	57.7	57.7	51.4	51.4	44.7	44.7	39.7	39.7	36.2	36.2	32.9	32.9	32.2	32.2	30.4	30.4	29.5	29.5	0	0	0	
60"	-	-	-	-	44.9	44.9	41.3	41.3	36.8	36.8	33.0	33.0	30.1	30.1	29.4	29.4	0	0	0	0	0	0	0	
66"	-	-	-	-	-	-	36.5	36.5	33.7	33.7	29.5	29.5	0	0	0	0	0	0	0	0	0	0	0	
72"	-	-	-	-	-	-	34.9	34.9	31.3	31.3	0	0	0	0	0	0	0	0	0	0	0	0	0	
(1) LONG DIMENSION	48"	56"	64"	72"	80"	88"	96"	98"	104"	108"	120"													

1/2" GLOBE P-380 LAMINATED CHEM TEM 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.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.
30"	80.0	80.0	80.0	80.0	80.0	80.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36"	80.0	80.0	80.0	80.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.0	70.0	70.0
42"	80.0	80.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.0	70.0	70.0
48"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.0	70.0	70.0
54"	-	-	-	-	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
60"	-	-	-	-	72.5	72.5	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	70.0	70.0
66"	-	-	-	-	-	-	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
72"	-	-	-	-	-	-	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
(1) LONG DIMENSION	48"	56"	64"	72"	80"	88"	96"	98"	104"	108"	120"													

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 03-0123.01
Expiration Date APRIL 15, 2008
By Manuel Perez
Miami Dade Product Control Division

Approved as complying with the Florida Building Code
Date DEC. 26, 2002
NOAH 01-0831.03
Miami Dade Product Control Division
By Manuel Perez

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 05/06/01
DATE	
BY	
REVISION DESCRIPTION	
NO.	

DIRECT SET 'CONTEMPRA' TFT ALUMINUM CLAD WOOD WINDOW
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
MANUFACTURER
WEATHER SHIELD WINDOWS & DOORS
ONE WEATHER SHIELD PLAZA
MEDFORD, WI 54451
715-748-6555

CERTIFICATION
SEP 20 2002
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135
DRAWING NO. 1054
SHEET NO. 4 OF 4