



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY, FLORIDA  
**PRODUCT CONTROL SECTION**  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**Weather Shield Manufacturing, Inc.**  
**One Weather Shield Plaza, P. O. Box 309**  
**Medford, WI 54451-0309**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Contempra" Aluminum Clad Wood Fixed Window - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. 1210, titled "Series Legacy Contempra French Door Transom with Sash", sheets 1 through 2 of 2, dated 02/18/03, prepared by W. W. Schaefer Engineering & Consulting, P.A., with revision "B1" dated 11/02/11, 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 Section.

**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, model/ series 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 No. 03-0421.10 and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J Gascon*  
*1/18/12*

NOA No. 11-1108.09  
Expiration Date: June 26, 2013  
Approval Date: January 26, 2012  
Page 1

**Weather Shield Manufacturing, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA No. 03-0421.10)*
2. Drawing No. 1210, titled "Series Legacy Contempra French Door Transom with Sash", sheets 1 through 2 of 2, dated 02/18/03, prepared by W. W. Schaefer Engineering & Consulting, P.A., with revision "B1" dated 11/02/11, signed and sealed by Warren W. Schaefer, P. E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per SFBC, PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
  - 3) Water Resistance Test, per SFBC, PA 202-94
  - 4) Large Missile Impact Test per SFBC, PA 201-94
  - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94along with marked-up drawings and installation diagram of a French Door Transom with Sash, prepared by Stork Twin City Testing Corporation, Test Report No. TCTCW-102011, dated 07/17/02, signed and sealed by Derrick J. Swanson, P. E.  
*(Submitted under previous NOA No. 03-0421.10)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, dated 05/14/08 complying with FBC-2004 and FBC-2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E.  
*(Submitted under previous NOA No. 08-0527.17)*
2. Glazing complies with ASTM E1300-02/04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 11-0325.05 issued to **Solutia, Inc.** for their "Saflex - Clear or colored Interlayer" dated 04/21/11, expiring on 04/21/16.

**F. STATEMENTS**

1. Statement letter of conformance and compliance with the FBC-2007 and FBC-2010, dated 11/02/11, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of no financial interest and independence, dated 11/01/11, signed and sealed by Warren W. Schaefer, P. E.



**Jaime D. Gascon, P. E.**  
Product Control Section Supervisor  
NOA No. 11-1108.09  
Expiration Date: June 26, 2013  
Approval Date: January 26, 2012

**Weather Shield Manufacturing, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS (CONTINUED)**

3. Statement letters of no financial interest and compliance with the FBC-2007, dated 05/14/08, all signed and sealed by Warren W. Schaefer, P. E.  
*(Submitted under previous NOA No. 08-0527.17)*
4. Statement letter of conformance, dated 05/14/08, signed and sealed by Warren Schaefer, P. E.  
*(Submitted under previous NOA No. 08-0527.17)*
5. Laboratory compliance letters for Test Report No. TCTCW-102011, issued by Stork Twin City Testing Corporation, dated 07/17/02, signed and sealed by Derrick J. Swanson, P. E.  
*(Submitted under previous NOA No. 03-0421.10)*

**G. OTHERS**

1. Notice of Acceptance No. 08-0527.17, issued to Weather Shield Manufacturing, Inc. for their Series "Legacy Contempra Aluminum Clad Wood Fixed Window - L.M.I." approved on 07/10/08 and expiring on 06/26/13.

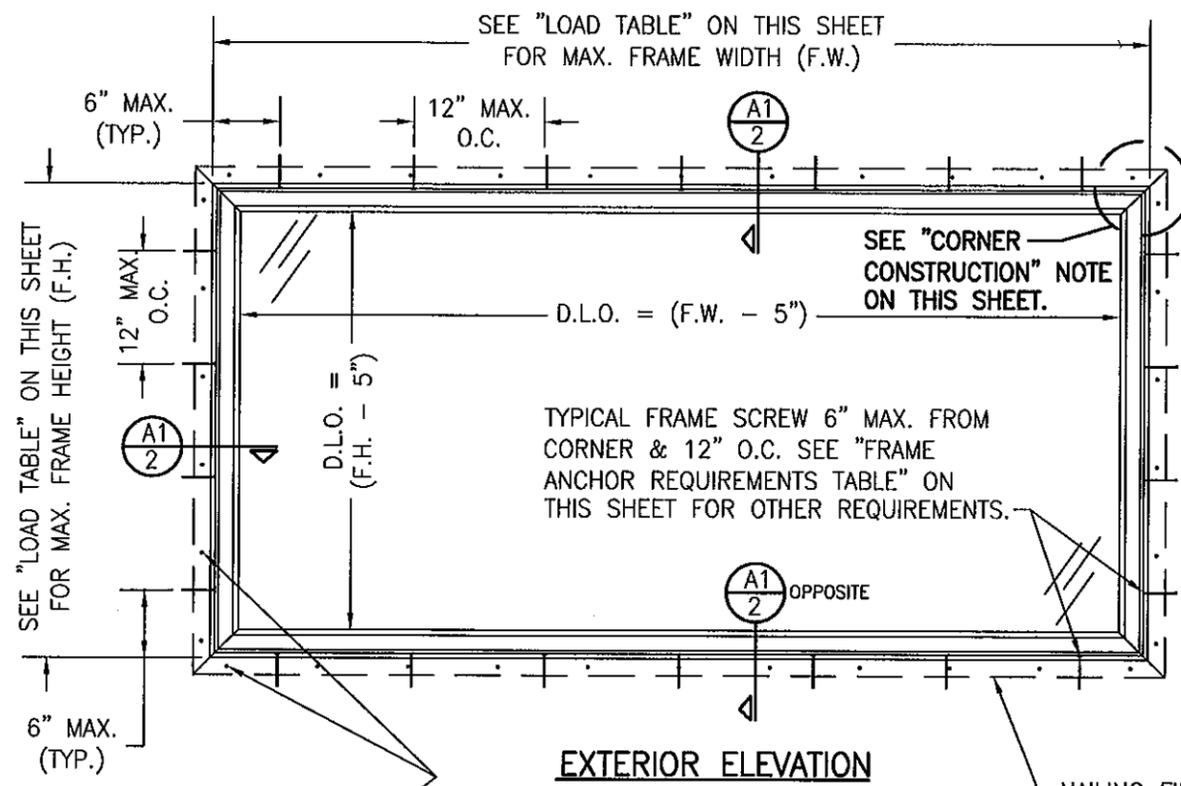


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Jaime D. Gascon, P. E.  
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THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY:	K.P.S.	CHECKED BY:	W.W.S.
DATE:	05/14/08	DATE:	02/18/03
REVISION	DESCRIPTION	BY	DATE
A1	UPDATE TO PRESENT STANDARDS	W.W.S.	11/02/11
B1	UPDATE TO CURRENT STANDARDS	W.R.M.	



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

11 GA. X 1 1/2" ROOFING NAILS OR NO. 7 X 1 5/8" DRYWALL SCREWS SPACED AS REQUIRED TO SECURE & SEAL NAILING FIN

NAILING FIN IS OPTIONAL & MAY BE SCORED AND REMOVED WHEN REQUIRED FOR A DIRECT MOUNT CONDITION. (NAIL FIN SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME SHEAR SCREWS SPECIFIED)

**GENERAL NOTES:**

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & 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 & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
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 FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL 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.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF WINDOWS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

**FRAME CORNER CONSTRUCTION**

AT EACH CORNER THE WOOD FRAME MEMBERS ARE DADO CUT, GLUED, PLACED TOGETHER AND MECHANICALLY FASTENED WITH THREE NO. 8 X 2 1/2" LONG DRYWALL SCREWS.  
AT EACH CORNER THE ALUMINUM FRAME CLADDING MEMBERS ARE MITER CUT, SEALED, BUTTED TOGETHER AND MECHANICALLY FASTENED USING ONE NO. 8 X 1 1/4" SCREW PER CORNER.

**SASH CORNER CONSTRUCTION**

AT EACH CORNER THE WOOD SASH MEMBER ENDS ARE MORTISE & TENON CUT, SEALED WITH A SINGLE BEAD OF SILICONE AND WOOD GLUE TO THE WOOD JOINT SURFACES. TWO 2 1/2" BRAD NAILS AND ONE NO. 6 X 1 1/4" PFH PILOT POINT SCREW WITH NO. 5 HEAD ARE USED TO SECURE EACH OF THE CORNERS.  
AT EACH CORNER AN ALUMINUM CORNER KEY IS INSERTED IN THE ALUMINUM SASH CLADDING MEMBERS. CLADDING IS MECHANICALLY SECURED WITH ONE NO. 8 X 1 1/4" SMS SCREW & SEALED WITH SILICONE.

**ALLOWABLE PRESSURE TABLE**

(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.		
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		
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		
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	72.5	60.0	70.4						
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"	52.5	65.6	52.5	65.6	52.5	65.6	52.5	65.6	52.5	65.6	52.5	65.6												
54"			46.7	58.3	46.7	58.3																		
59"					42.7	53.4																		
(1) LONG DIMENSION	48"		54"		59"		66"		72"		78"		83"		90"		96"		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.

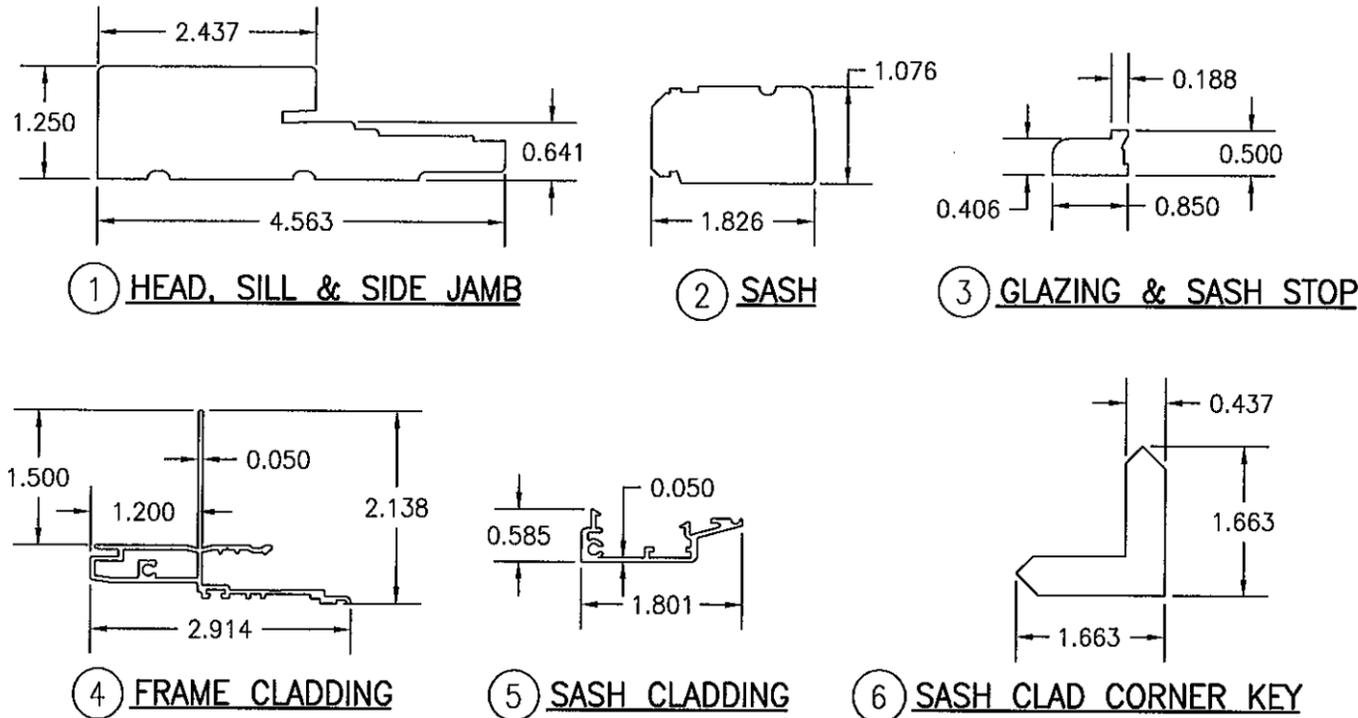
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS SCREW	1 1/4"	3/4"
MIN. C-90 CMU OR 2500 PSI CONCRETE	3/16" CONCR. SCREW	1 1/4"	2"

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

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 11-1108.09  
Expiration Date 06/26/2013  
By *[Signature]*  
Miami Dade Product Control

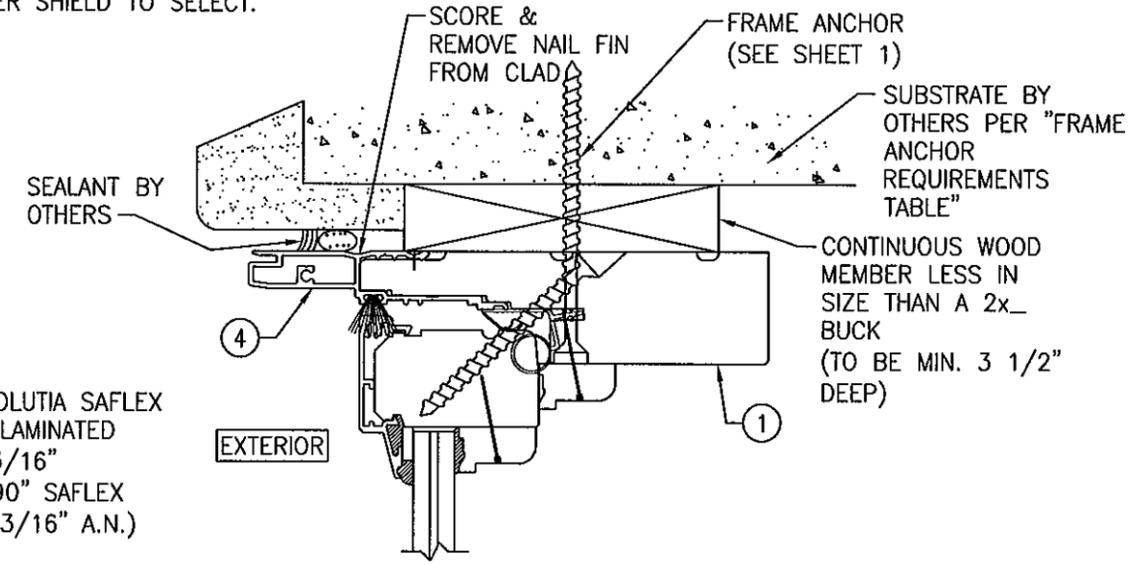
WARREN W. SCHAEFER  
No. 44135  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
NOV 02 2011  
WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

DRAWING TITLE: LEGACY CONTEMPRA FRENCH DOOR TRANSOM WITH SASH  
MANUFACTURER: WEATHER SHIELD WINDOWS & DOORS  
ONE WEATHER SHIELD PLAZA  
MEDFORD, WI 54451  
715-748-6555  
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424



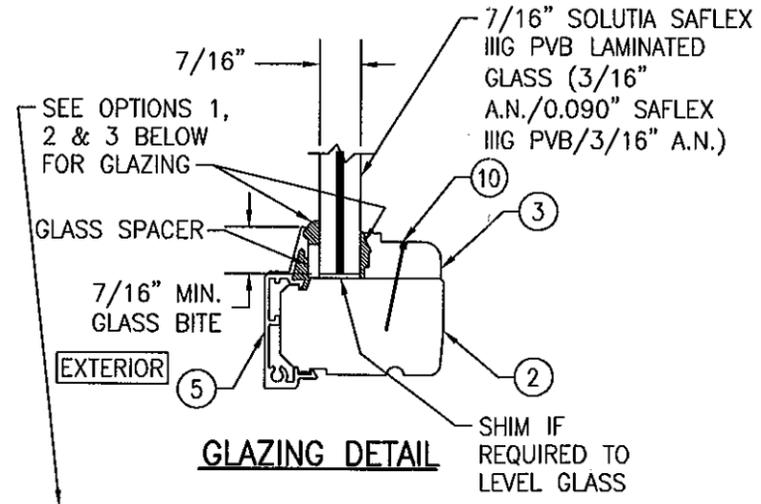
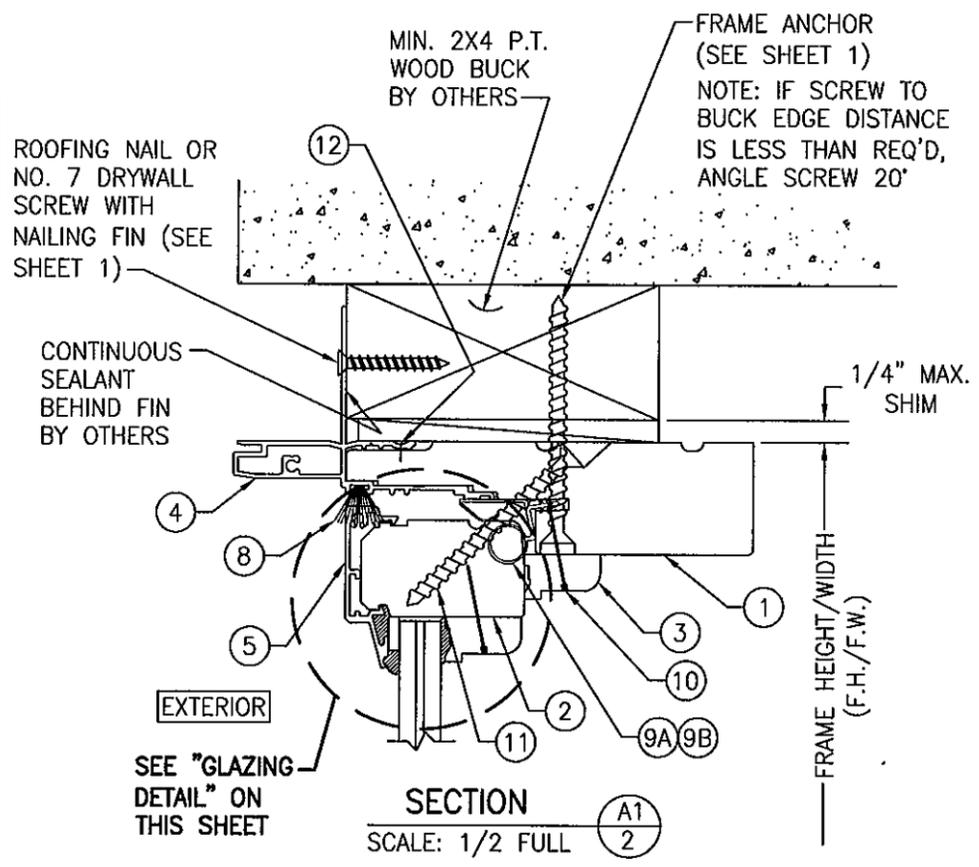
ITEM #	DRAWING #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	08-0006-C2403	HEAD, SILL & SIDE JAMB	* WOOD
2	08-W2059	SASH	* WOOD
3	08-1492-02	GLAZING & SASH STOP	* WOOD
4	04-0004-C2403	FRAME CLADDING	6063-T5 ALUMINUM
5	04-A2549	SASH CLADDING	6063-T5 ALUMINUM
6	12-0150-M05	SASH CLAD CORNER KEY	6063-T5 ALUMINUM
SEALS & SEALANTS			
8	12-0050-W2463	SASH, PILE WEATHERSTRIP	AT SIDES & HEAD ONLY
9A	12-1602-02	CASEMENT SEAL	AMESBURY GROUP, INC.
9B	12-0005-P2262	WEATHERSTRIP	INTEK ARLOC
FASTENERS			
10	-	F16 X 1 1/2" BRAD NAIL	2" FROM ENDS & 12" MAX. O.C.
11	-	NO. 8 X 2 1/2" DRYWALL SCREW	3" FROM ENDS & 16" MAX. O.C.
12	-	3/16" X 1/2" STAPLES	3" FROM ENDS & 20" MAX. O.C.

\* WOOD USED IN TESTING WAS WESTERN PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY WEATHER SHIELD TO SELECT.



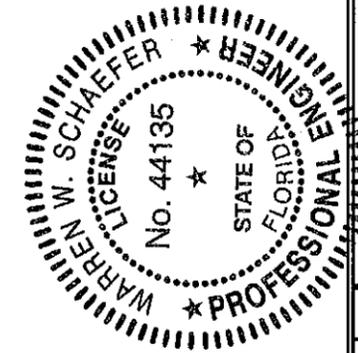
**OPTIONAL DIRECT MOUNT DETAIL**

FOR DETAIL NOT SHOWN, SEE SECTION "A1" (HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)



- GLAZING DETAIL**
- GLAZING OPTION 1) NOVA GUARD BC4-121 STRUCTURAL SILICONE @ INTERIOR & NOVA GUARD M418 STRUCTURAL SILICONE @ EXTERIOR
  - GLAZING OPTION 2) GE SILGLAZE HC STRUCTURAL SILICONE @ INTERIOR & GE ULTRA GLAZE STRUCTURAL SILICONE @ EXTERIOR
  - GLAZING OPTION 3) DOW CORNING 899 STRUCTURAL SILICONE @ INTERIOR & GE ULTRA GLAZE STRUCTURAL SILICONE @ EXTERIOR

PRODUCT REVISED as complying with the Florida Building Code  
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 By *[Signature]*  
 Miami Dade Product Control



DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 02/18/03
DATE	BY
REVISION DESCRIPTION	NO.
LEGACY CONTEMPRA FRENCH DOOR TRANSOM WITH SASH	
MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION WARREN W. SCHAEFER LICENSE No. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER NOV 02 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1210	REV. B
SHEET NO. 2 OF 2	