



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.miamidade.com/buildingcode

Vetter Windows and Doors
880 Southview Drive
Mosinee, WI 54455-0700

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" Transom Aluminum Clad Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1527, titled "Legacy Aluminum Clad Tilt Transom. (Model 1103)", sheets 1 through 3 of 3, dated 04/13/2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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: Ladysmith, state: Wisconsin 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 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 **Jaime D. Gascon, P.E.**



J. Gascon
6/04/07

NOA No 07-0419.05
Expiration Date: February 22, 2012
Approval Date: June 28, 2007
Page 1

Vetter Windows and Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **1527**, Sheets 1 through 3 of 3, titled "Legacy Aluminum Clad Tilt Transom (Model 1103)", dated 04/13/2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., 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 203-94along with marked-up drawings and installation diagram alum. clad wood fixed windows, prepared by Stork Twin City Testing Corporation, Test Report No. **TCTCC-180-7087.1 Rev. A**, dated 01/10/06-02/28/06 with revision dated 01/19/07, signed and sealed by Thomas Kolden.
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 203-94along with marked-up drawings and installation diagram of mulled alum. Clad wood double hung windows with an alum. Clad wood fixed transom lite, prepared by Stork Twin City Testing Corporation, Test Report No. **TCTCC- 180-7087.2 Rev. A**, dated 01/10/06-02/28/06 with revision dated 01/19/07, signed and sealed by Thomas Kolden.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 9/22/06, signed and sealed by Warren W. Schaefer, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

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



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No 07-0419.05

Expiration Date: February 22, 2012

Approval Date: June 28, 2007

Vetter Windows and Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

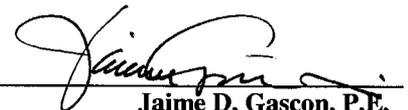
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their “**Saflex III G Clear or colored interlayer**” dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of conformance, dated September 19, 2006, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated September 19, 2006, signed and sealed by Warren W. Schaefer, P.E.
3. Statement letter of the private labeling agreement, dated April 02, 2007, signed by Sue Schreiber.
4. Statement letter of no changes, dated April 13, 2007, signed and sealed by Warren W. Schaefer, P.E.

G. OTHER

1. None.



Jaime D. Gascon, P.E.

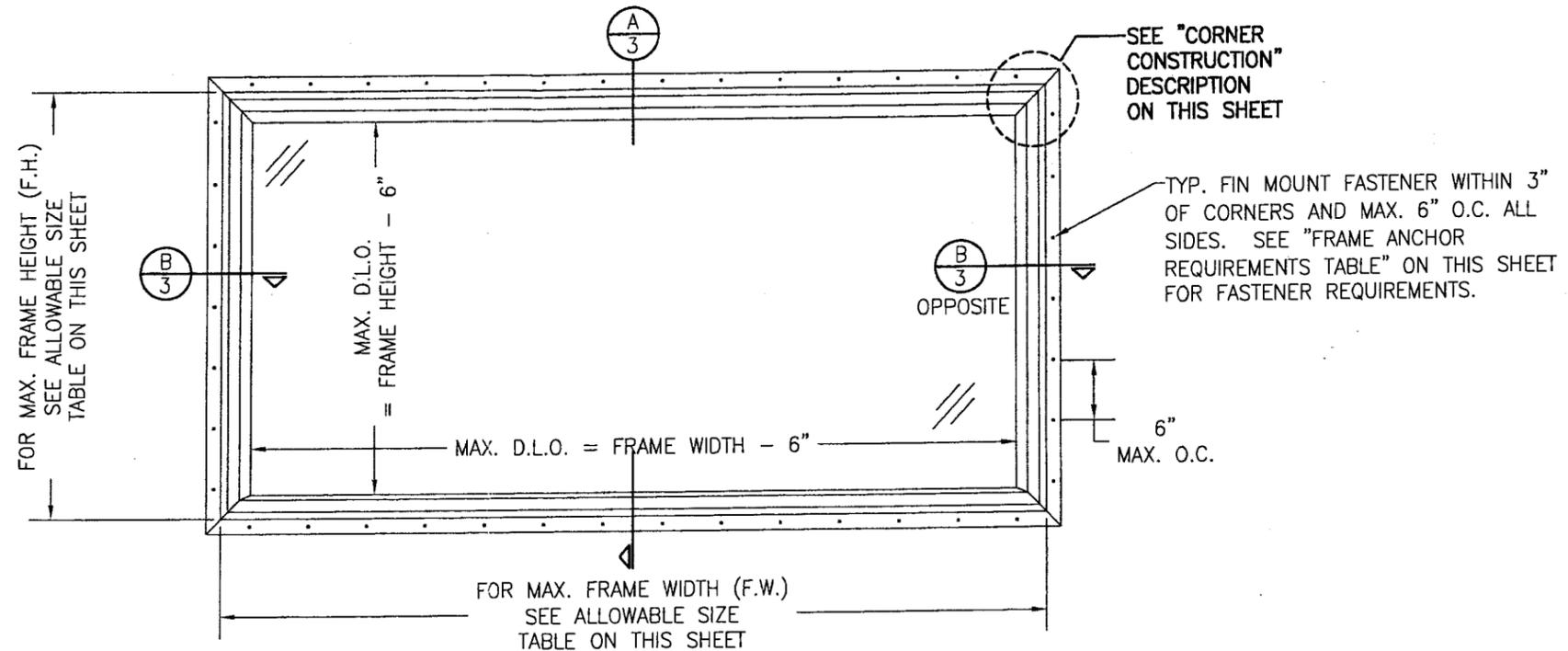
Chief, Product Control Division

NOA No 07-0419.05

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ALLOWABLE SIZE TABLE	
MAX. FRAME LONG DIMENSION (IN.)	MAX. FRAME SHORT DIMENSION (IN.)
82 3/4"	42 7/8"
84 3/4"	41 3/4"
90 3/4"	39"
96 3/4"	36 5/8"
108 3/4"	32 5/8"
120 3/4"	29 3/8"
132 3/4"	26 5/8"
144 3/4"	24 1/2"
SHORT DIMENSION MAY BE THE FRAME HEIGHT OR WIDTH	



EXTERIOR ELEVATION

ALLOWABLE DESIGN PRESSURE (SINGLE & MULLED UNITS) +55/-70 PSF

FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	FIN MOUNT FASTENER	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 8 SMS SCREW	1 1/2"	1/2"

CORNER CONSTRUCTION:

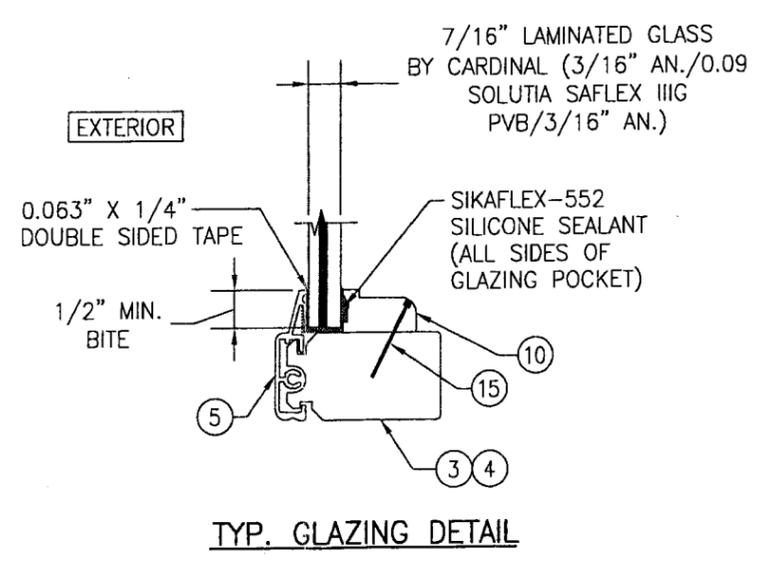
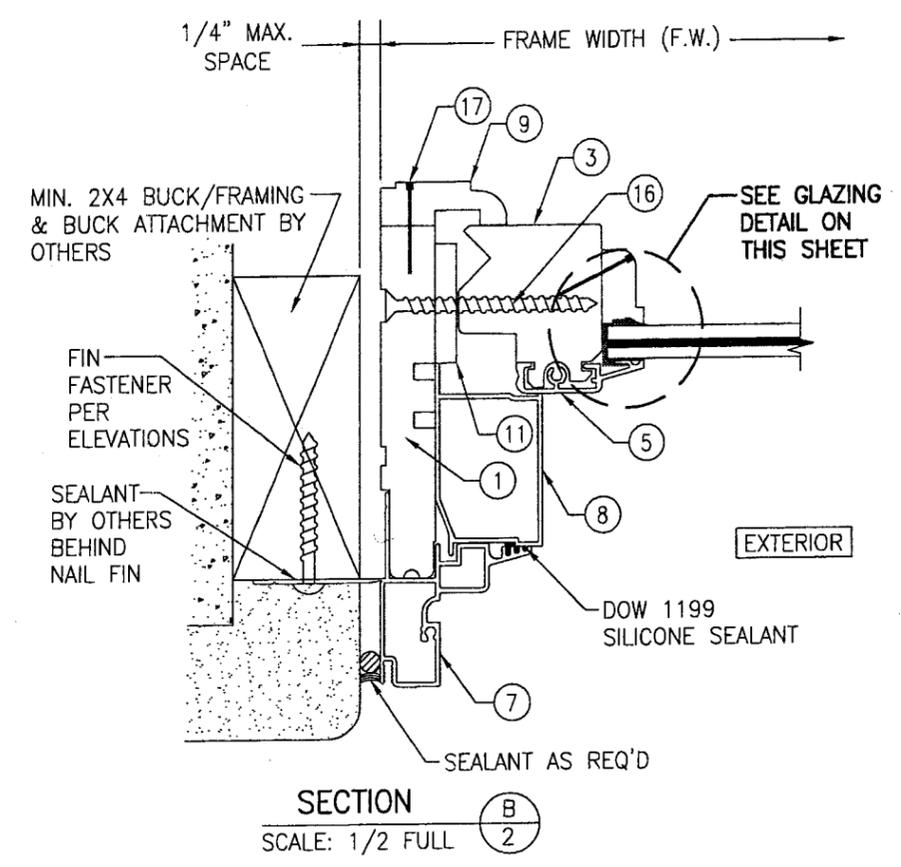
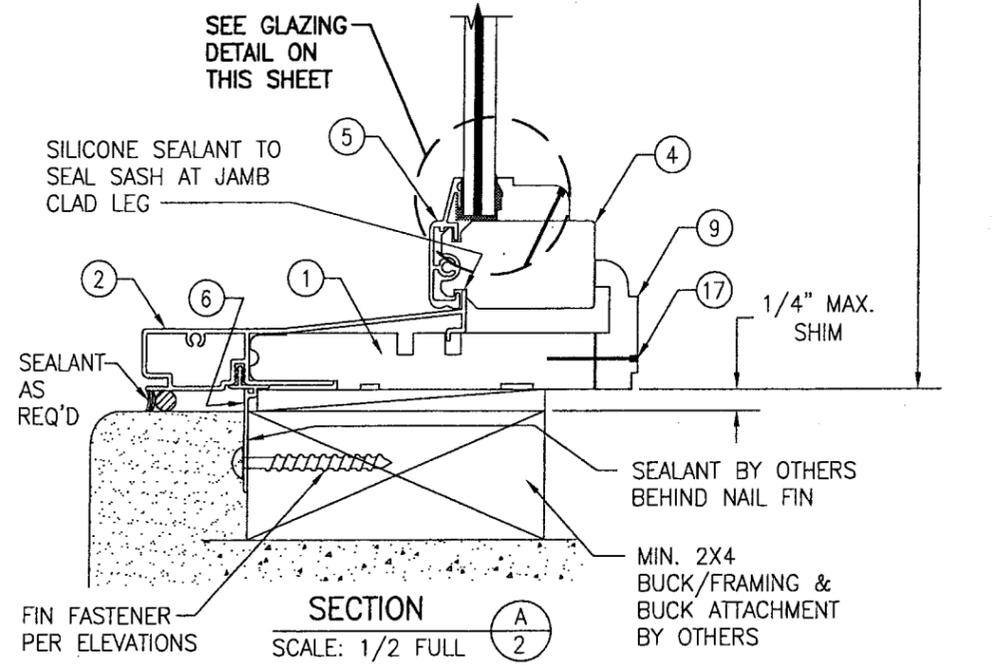
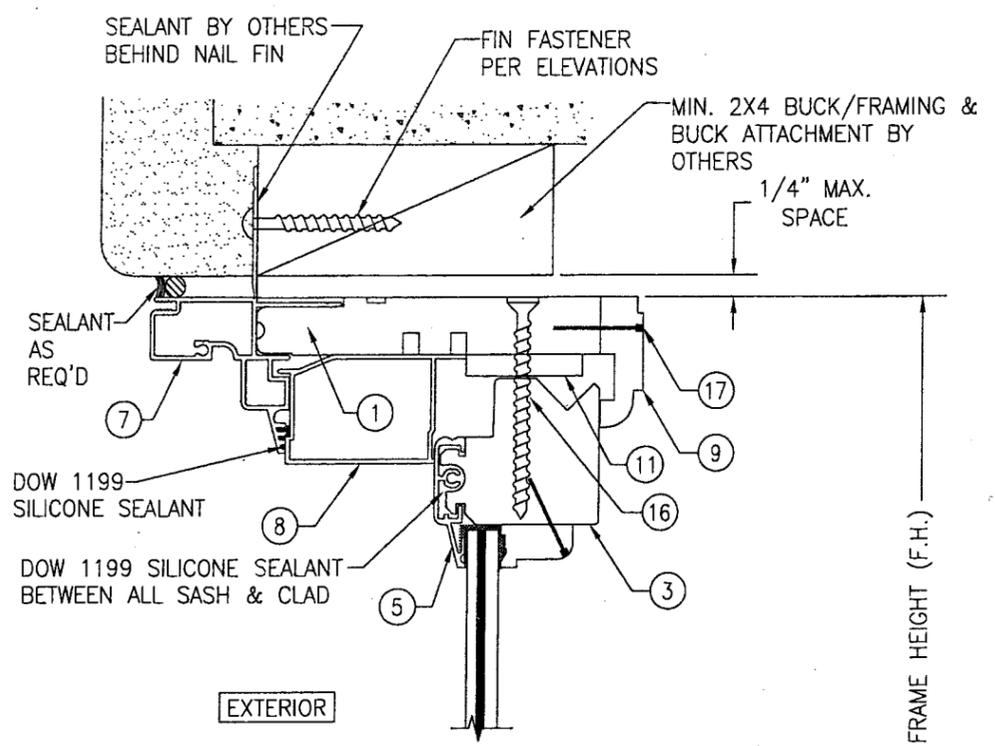
FRAME CORNERS: WOOD JAMBS ARE RABBETED, BUTTED, SEALED WITH SILICONE & SECURED WITH THREE(3) 16 GAGE X 1/2" X 1 1/2" STAPLES PER CORNER. CLAD IS MITER CUT, SEALED AND SECURED WITH 1 NO. 6 X 1 1/4" SMS 410 S.S. SCREW PER CORNER.
 SASH CORNERS: WOOD SASH CORNERS ARE TOUNGE & GROOVE FIT WITH CORNERS BUTTED AND SECURED WITH 1 NO. 8 X 2 1/2" SCREW THROUGH THE STILE INTO THE RAIL. ALUMINUM CLAD CORNERS ARE MITER CUT, JOINED WITH A CORNER KEY, SECURED WITH 2 NO. 6 X 1 1/4" SMS 410 S.S. SCREWS & SEALED WITH SILICONE.

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 & SHALL 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) INCLUDING 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.
9. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BUILDING CODE SECTION 2003.8.4.

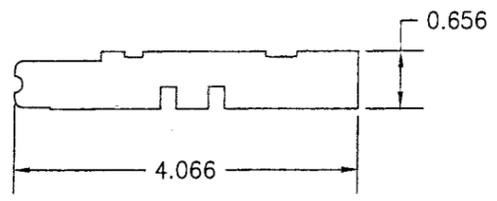
Approved as complying with the Florida Building Code
 Date 06/28/2007
 NOA# 07-0419.05
 Miami District
 Division
 By *[Signature]*

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 04/13/07
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE: LEGACY ALUMINUM CLAD TILT TRANSOM (MODEL 1103)	
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 VETTER WINDOWS & DOORS, INC. 880 SOUTHVIEW DRIVE MOSINEE, WI 54455 715-693-7000
CERTIFICATION APR 13 2007	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1527	REV.
SHEET NO. 1	OF 3

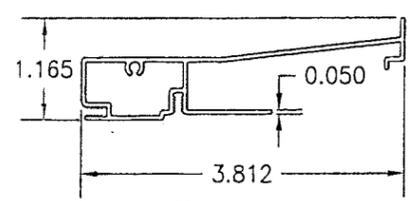


Approved as complying with the Florida Building Code
 Date 06/28/2007
 NOA# 07-0419.05
 Miami Dade Product Control Division
 By *[Signature]*

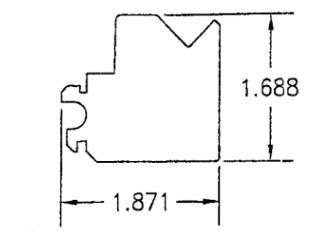
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PLOT: 1=2		DATE: 04/13/07	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LEGACY ALUMINUM CLAD TILT TRANSOM (MODEL 1103)			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER VETTER WINDOWS & DOORS, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4802 FAX: 561-775-4903		880 SOUTHWEST DRIVE MOSINEE, WI 54455 715-693-7000	
CERTIFICATION	APR 13 2007		
WARREN W. SCHAEFER, P.E.	P.E. NO. 44135		
DRAWING NO.	REV.	SHEET NO.	
1527		2 OF 3	



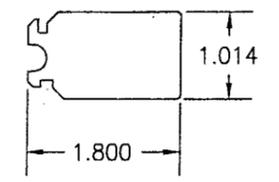
① JAMB/HEAD/SILL



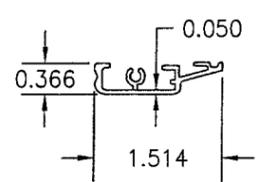
② SILL CLAD



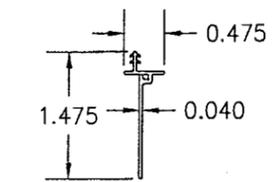
③ TOP RAIL & STILE



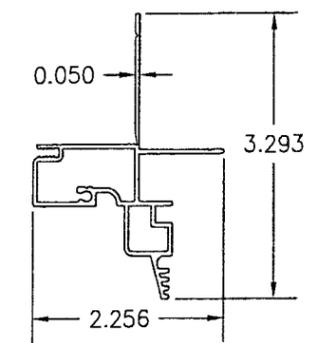
④ BOTTOM RAIL



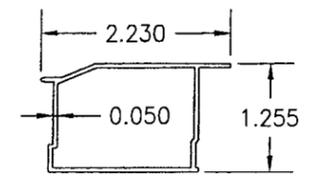
⑤ STILE & RAIL CLAD



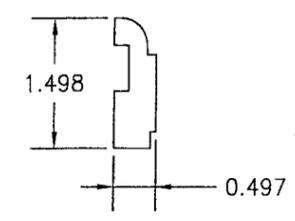
⑥ SILL NAIL FIN



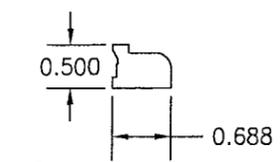
⑦ HEAD/JAMB CLAD



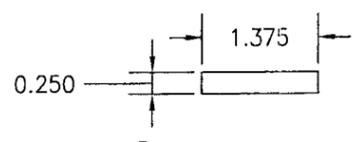
⑧ JAMB FILLER CLAD



⑨ INSIDE STOP



⑩ GLAZING BEAD



⑪ SASH SHIM

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	08-1004-01	JAMB/HEAD/SILL	LVL
2	04-2102-02	SILL CLAD	6063-T5 ALUMINUM
3	08-2106-02	TOP RAIL & STILE	* PONDEROSA PINE
4	08-2108-02	BOTTOM RAIL	* PONDEROSA PINE
5	04-1018-01	STILE & RAIL CLAD	6063-T5 ALUMINUM
6	P0058200	SILL NAIL FIN	VINYL
7	P0119700	HEAD/JAMB CLAD	6063-T5 ALUMINUM
8	08-1025-01	JAMB FILLER CLAD	6063-T5 ALUMINUM
9	08-1892-02	INSIDE STOP	* PONDEROSA PINE
10	60-4884-01	GLAZING BEAD	* PONDEROSA PINE
11	60-0894-01	SASH SHIM	* PONDEROSA PINE
MISC. FASTENERS			
15	-	18 GA. X 7/8" BRAD	WITHIN 3" OF ENDS & 8" O.C.
16	-	NO. 8 X 2 1/2" S.S. SCREW	WITHIN 4" OF ENDS & 10" TO 12" O.C.
17	-	7/16" CROWN X 1 1/8" STAPLE	WITHIN 3" OF ENDS & 10" O.C.

* WOOD USED WITH TEST UNITS WAS GRADE 2 PONDEROSA PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRUS.
 NOTE: ALL WOOD IS RECEIVED BY WEATHER SHIELD AS GRADE 2, BUT IS MACHINED BY WEATHER SHIELD TO A SELECT GRADE USE.

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.	PLOT: 1=2	DATE: 04/13/07		
DATE	DATE	DATE	DATE	DATE	DATE
BY	BY	BY	BY	BY	BY
REVISION DESCRIPTION	REVISION DESCRIPTION	REVISION DESCRIPTION	REVISION DESCRIPTION	REVISION DESCRIPTION	REVISION DESCRIPTION
NO.	NO.	NO.	NO.	NO.	NO.
DRAWING TITLE: LEGACY ALUMINUM CLAD TILT TRANSOM (MODEL 1103) MANUFACTURER: VETTER WINDOWS & DOORS, INC. 880 SOUTHWEST DRIVE MOSINEE, WI 54455 715-693-7000					
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903					
CERTIFICATION: APR 13 2007 WARREN W. SCHAEFER, P.E. P.E. NO. 44135					
Approved as complying with the Florida Building Code Date 06/28/2007 NOA# 07-0419.05 Miami Dade Product Control Division By: <i>[Signature]</i>					
DRAWING NO. 1527		REV.			
SHEET NO. 3 OF 3					